Drilling Authority-No. 586

Date Issued 16-03-72

WELL NAME Skelly-Getty Amoco McPherson C-78

FIELD ..... Area: .....

LOCATION: Unit C Section 78 Grid 67-40-134-00

Latitude 67-37-04 Longitude 134-14-20

U.W.L.R. 67.61778 -- 134.23888

U.W.I. 300C78674013400O

Rig Release Date: 17-07-72

Status D & A

Information Release Date 17-07-74

CHANGE OF NAME:

DATE RECEIVED		INDEX
13-03-72	RK	Application for a Drilling Authority.
		Well Completion Data.
11-10-72	RK	Well History Report.
		Application to Amend a Drilling Authority.
		Application to change a Well Name.
19-07-72	RK	Application to Abandon a Well ~~or Suspend~~ Drilling.
		Application to Alter Condition of a Well.
		Well History Supplement.
		Well Completion Data.
		Work-over Report No. .....
		Application to Commingle Production before Measurement.
		Data for Back Pressure Test on Natural Gas Wells – Monograph 7 Method.
		Data for Back Pressure Test on Natural Gas Wells – Vitter's Method.
		M.P.R. – Oil – Calculations.
		New Oil Well Report.
		New Gas Well Report.
		Well Inspection Report.
13-07-72 25-06-72	RK	Rig Inspection Report.
		Battery Inspection Report.
		Equipment Report.
		Well Card.
		New Service Well Report.
		Monthly Water Flood Operations Report
		Monthly Water Receipts and Disposal of Fluids Report
		Logs. Large scale..... Small scale.....
RK		

IAND 52-90 (3-69)

DATE RECEIVED

LOGS:

Name	Run No.	Type	Interval
Lith			
SNP	1		
DIL	1		
FDC	1		
BHC-S	1-2		

ANALYSES:

Sample	Lab. No.	Formation	Interval

A.O.F. Potential	Formation	Interval	MC.F.D.	Test Date

DRILL STEM TESTS:

No.	Formation	Interval

CANADA

Drilling Authority No. 586

DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT
OIL AND MINERAL DIVISION

Application to Abandon a Well [redacted]

In compliance with the "Canada Oil and Gas Land Regulations", application is hereby made for approval to abandon, to suspend drilling:—

Name and number of well Skelly-Getty Amoco Ft. McPherson C-78

Location: Unit C Section 78 Grid 67-40-134-00

Latitude 67°37' 04" Longitude 134° 14' 20"

From Established Reference Marker

Universal Well Location Reference Lat. 67.61778; Long. 134.23888

Permit No. 6247 Lease No. --

Amoco Canada Petroleum Co. Ltd. (Skelly as Operator)
(Permittee, Licencee, Lessee)

Date of commencement of proposed program Plugging underway, verbal approval given by Mr. Bohun on July 14, 1972

OIL, GAS, AND WATER ENCOUNTERED
(Depths)

Oil at None

Gas at None

Water at Recovered water on DST No. 1 over interval 9941' - 10,066'

Total Depth 10,066' Date of last operations -

Present condition of well Abandoning

CASING RECORD

	Casing Size O.D. Inches	Weight	Amount	Set At—	Sacks of Cement and Additives	Amount Pulled
1.	24" Conductor	--		50'	78 sacks coldset	--
2.	13-3/8"	48#		322'	1300 sacks + gel+$CaCl_2$	--
3.	9-5/8"	36#		1201'	324 sacks coldset +	--
4.					352 sacks construction	
5.					+ 3% $CaCl_2$	

PROPOSED ABANDONMENT PROGRAM

Plug No.	Plug Position	Geological Formation	Number of Sacks of Cement	Remarks
1	9900-10,006'	Ronning	90 sx	Did not feel.
2	6600-6700'	Gossage	60 sx	Felt plug @6532'
3	1150-1250'	Surface Casing	120 sx	Feel for plug
			+ 2% $CaCl_2$	
	5 sx plug at surface with steel plate welded on top of casing and name plate on pole.			

The following logs have been run Dual Induction Laterolog, BHC Sonic, Caliper, Neutron & Density.

Other operations proposed

Operations to be carried out by S & T Drilling Contractor Licence No. 0972

Address 3825 - 98 Street, Edmonton Address

Responsible Agent in field Mr. Jack Lischka

Dated at Calgary, Alberta, this 17 Day of July 19 72

Signed by [signature] Company SKELLY OIL OF CANADA LTD.

Title District Operations Supt. Operator's Exploratory Licence No. 1945

Note:—The District Conservation Engineer's office must be notified before work is commenced.

(For OIL AND MINERAL DIVISION use only)

APPROVAL

This application has been examined and proposed programme approved, subject to the following conditions:

CONFIRMING ORAL APPROVAL GIVEN ON JULY 14th, 1972

Dated July 19, 19 72

E A Bohun
District Conservation Engineer

Forms to be submitted in triplicate to District Conservation Engineer, Department of Indian Affairs and Northern Development.

IAND 52-90-5 (7-71)

Voir au verso

DEPARTMENT OF INDIAN AFFAIRS & NORTHERN DEVELOPMENT
MINISTÈRE DES AFFAIRES INDIENNES ET DU NORD CANADIEN

OIL & MINERAL DIVISION
DIVISION DU PÉTROLE ET DES MINÉRAUX

WELL COMPLETION DATA
RENSEIGNEMENTS SUR LES FORAGES

Drilling Authority No. *N° de l'autorisation de forage* 586
Date Issued *Date de délivrance* March 16, 1972

To be submitted in duplicate within thirty days after the completion, rework, abandonment, recompletion or suspension of every well.
À présentor en double dans les trente jours suivant l'achèvement, le remaniement, l'abandon et le reconditionnement de chaque puits, ou après suspension.

Well Name & No. — *Nom et N° du puits*	Permit No. — *N° de permis*	Lease No. — *N° de concession*
Skelly-Getty Amoco Ft. McPherson C-78	6247	14853

(Permittee, Licensee, Lessee) — *(Détenteur de permis ou de licence, du concessionnaire)*	Exploratory Licence No. — *N° de licence de sondage*
Amoco Canada Petroleum Company	1451
(Operator) *(Exploitant)* Skelly Oil of Canada Ltd.	Exploratory Licence No. — *N° de licence de sondage* 1945

LOCATION — *EMPLACEMENT*

Unit — *Unité*	Section	Grid — *Étendue du quadrillage*	Latitude	Longitude
C	78	67-40-134-00	67° 37' 04" N	134° 14' 20" W

Unique Well Identifier — *Code d'ordinateur*	Universal Well Location Reference — *Références universelles d'emplacement du puits*
300C786740134000	67.61778°, 134.23888°

	Date	Depth — *Profoneur*
Spudded *Début des travaux*	Apr. 9/72	
Suspended *Suspension des travaux* (Due to Flood)	Jun. 2/72	7181'
Resumed Operations *Reprise des travaux*	Jun. 18/72	7181'
Finished Drilling *Forage terminé*	July 14/72	10066'
Deepened *Approfondissement*		
Complete (Gas/Oil) *Achèvement (Gaz/Pétrole)*		
Abandoned *Abandon*	July 16/72	10066'
Rig Released *Fin des travaux*		

Pool(s) *Gisement(s)*
Interval(s) Open to Production *Intervalle(s) de production*
Elevation: Gr. *Altitude du sol* +52' K.B. *du carré d'entraînement* +65'
Rig No. *N° de la tour de forage* 1 E Rotary
Drilling Contractor *Entrepreneur en forage* S & T Drilling
Contractor's Business Licence No. *N° du permis de l'entrepreneur*

CASING RECORD — *TUBAGE*

Casing Size (Inches) *Diamètre (en pouces)*	Grade *Qualité*	Weight *Poids*	Amount *Longeur*	Set at — *Fixation à*	Sacks of Cement and Additives *Sacs de ciment et d'additifs*
1. 13-3/8	K-55	48#/ft	304.35	322 KB	1300 sax cement frost
2.					375 Sacks Class "G"
3.					700 Sacks Construction
4. 9-5/8	K-55	36#/ft	1204.14	1202 KB	352 Sacks Construction
5.					324 Sacks Permafrost
6.					

Geological Tops *Sommet des formations*	Elevation — *Profondeur* Depths *Sous le niveau du sol*	Sub-Sea *Sous le niveau de la mer*
Devonian		
Imperial	145'	80'
Canol	6300'	6235'
Hume	6372'	6307'
Gossage	6626'	6501'
Middle Gossage	7320'	7255'
Upper Dolomite	7320'	7255'
Limestone Tongue	--	--
Lower Dolomite	7745'	7680'
Lower Limestone	7947'	7832'

Core Record — *Carottes*

From — *de*	To — *à*	Rec. *Récupérées*	From — *de*	To — *à*	Rec. *Recup.*
No Cores Taken					

DEPT. OF INDIAN AFFAIRS & NORTHERN DEVELOPMENT
OIL & MINERAL DIVISION
SEP 11 1972
INUVIK, N.W.T.
DISTRICT CONSERVATION ENGINEER
Northwest Territories & Yukon Territory

Log Record — *Diagrammes*

Run *Série*	Type of Log *Genre de diagramme*	From — *De*	To — *À*
1	Dual Induction Laterolog	TD	1200'
1	Borehole Compensated Sonic	1201'	322'
2	Borehole Compensated Sonic	TD	1201'
1	Formation Density	TD	1201'
1	Sidewall Neutron Porosity	TD	1201'
	Baroid PPM	TD	1700'

CEMENTING RECORD (Plug, Squeeze, etc.) / CIMENTATION (Bouchon, sous pression, etc.)

Date	From – de	To – à	Remarks – Remarques
July 17/72	10066	9900	Abandonement Plug #1 90 sacks cement
July 17/72	6700	6600	Abandonement Plug #2 60 sacks cement
July 18/72	1150	1250	Abandonement Plug #3 125 sacks cement
July 18/72			Abandonment Plug #4 5 sacks cement

PERFORATING RECORD (Bullet, Jet) / PERFORATION (à balles, à jet)

Date	From – de	To – à	Remarks – Remarques
NONE			+ 2% $CaCl_2$. Felt @ 6532'. Felt @ 1082'.

SERVICING RECORD (Acidizing, Fracing, etc.) / ENTRETIEN (acidification, fracturation, etc.)

Date	From – de	To – à	Remarks – Remarques
NONE			

DRILL STEM TESTS – ESSAIS AUX TIGES

No. – N°	Date	Formation	From – de	To – à	V.O. Mins. Vanne ouverte (minutes)	I.S.I. Mins. Première obturation (minutes)	F.S.I. Mins. Obturation définitive (minutes)	I.S.I.B.H.P. Pression de fond à la 1re obturation	F.S.I.B.H.P. Pression de fond à l'obturation définitive	I.F.B.H.P. Pression de fond au jaillissement	F.F.B.H.P. Pression de fond à l'écoulement définitif	L.H.P. Pression hydrostatique de début	F.H.P. Pression hydrostatique définitif	Remarks – Remarques
1	July 15	Ronning	9941	10066	30	60	120	4509	4337	330	643	4683	4572	Recovered 220' Drilling Fluid 825' Salt Water

ANALYSIS – ANALYSE

Lab. No. N° de laboratoire	Sample Échantillon	From – de	To – à	Source	Remarks – Remarques
Core Lab File #901-2356	Gas and Water	9941	10066	Ronning	Tool Recovered 1200 cc's Water

PRESENT STATUS OF WELL / ETAT ACTUEL DU PUITS

Oil Pétrole		(Interval) (Intervalle)
Gas Gaz		(Interval) (Intervalle)
Dry Sec	ABANDONED	
Susp. Travaux sus.		

Company Société: SKELLY OIL OF CANADA LTD.

Signed by Signé par: T. C. Piper

Title Titre: Dist. Operations Superintendent

Date:

Forms to be prepared in duplicate and forwarded to the District Conservation Engineer.

Présenter les formules remplies à l'ingénieur en conservation du district.

Drilling Authority No. .....
Project No. 586

CANADA

DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT

OIL AND MINERAL DIVISION

MAR 13 1972

Application for a Drilling Authority

This notice of intention to begin drilling operations, in triplicate, and where required a plan of survey approved by the Surveyor General showing the target area or the site of the well must be submitted and approved before commencing operations.

In compliance with the "Canada Oil and Gas Land Regulations", application is hereby made for approval to drill:–

Name and number of well Skelly - Getty Amoco Ft. McPherson C-78

Location: Unit C Section 78 Grid 67-40-134-00
Latitude 67° 37' 04" Longitude 134° 14' 20"
Unique Well Identifier. 300C786740134000
Universal Well Location Reference. Lat 67.61778; Long. 134.23888

Elevation: Ground 52' est K.B. 65'± feet above sea-level.
Well is expected to produce from Ronning formation at a depth of about 8,000 feet. Expected total final depth 10,030'
Area assigned to well
(for District Conservation Engineer's use only)

Permit No. 624.7 Lease No. – Acreage 48,890
Permittee, licensee, or lessee Amoco Canada Petroleum Co. Ltd.
Explanatory Licence No. 1431
Surface owned by Crown or Crown
(If alienated submit name and address of owner and occupant.)
Petroleum and natural gas rights owned by Crown
We propose to use the following strings of casing, either cementing or landing them as indicated below:–

Casing Size O.D. (Inches)	Weight (Lb./Ft.)	Grade	New or Used	Estimated Depth	Sacks of Cement
1. 24". Conductor	--	--	New	30'	75-100
2. 13-3/8". "	48	H-40	New	300'	350
39-5/8". Surface	36	K-55	New	1200'	600
4. As Required					
5.					

Expected water, gas, and oil horizons and type of control equipment. Expected water, gas and oil horizons -. Gossage & Ronning. Control equipment will consist of 12". Hydril to 1200'; From 1200'. to T.D. the 12". Hydril and double ram Schaffer will be used.
Well will be drilled with Rotary Rig No. 1E by S. & T. Drilling (Western) Co. Ltd.
(Drilling Contractor or company)

Responsible agent of applicant:– Contractor's Business Licence No.
At well. R. A. Sutherby. At registered office. Mr. T. C. Piper.
Address c/o. 800. -. 550. -. 6th. Avenue S.W. Address 800. -. 550. -. 6th. Avenue. S.W.
It is understood that if changes become necessary, notice of the change of plan will be submitted.
Dated at Calgary, Alberta, this 10th day of March 19 72.
Signed by [signature] Company Skelly Oil of Canada Ltd.
Title District Operations Superintendent Contractor's Licence No. 1945.

(For Oil and Mineral Division use only)

APPROVED

This application has been examined and approved subject to the following conditions:

PLEASE SEE ATTACHED SHEET FOR CONDITIONS OF APPROVAL.

Dated March 16, 1972 [signature]
District Conservation Engineer

Forms to be submitted to District Conservation Engineer, Department of Indian Affairs and Northern Development.

IAND 52-90-1 (7-71)

Voir au verso

CONDITIONS OF APPROVAL FOR DRILLING AUTHORITY NO. 586
FOR SKELLY-GETTY AMOCO FT McPHERSON C-78 ISSUED MARCH 8, 1972

1. Copies of this Drilling Authority shall be exhibited at the Drilling Rig in both the Doghouse and the Drilling Foreman's Office between spud and rig release dates.

2. The Company will submit to this office, on Tuesday of each week, the latest reports received by radio on the progress of the well.

3. During well drilling and testing operations, every effort shall be made to ensure that drilling fluids, chemicals and wastes shall be disposed of or contained in a manner that will prevent the contamination of adjacent vegetation and surface or sub-surface waters.

4. We draw your attention to Sections 95 and 96 of the Canada Oil and Gas Land Regulations.

5. Any additional strings of casing must be approved by the District Conservation Engineer prior to running.

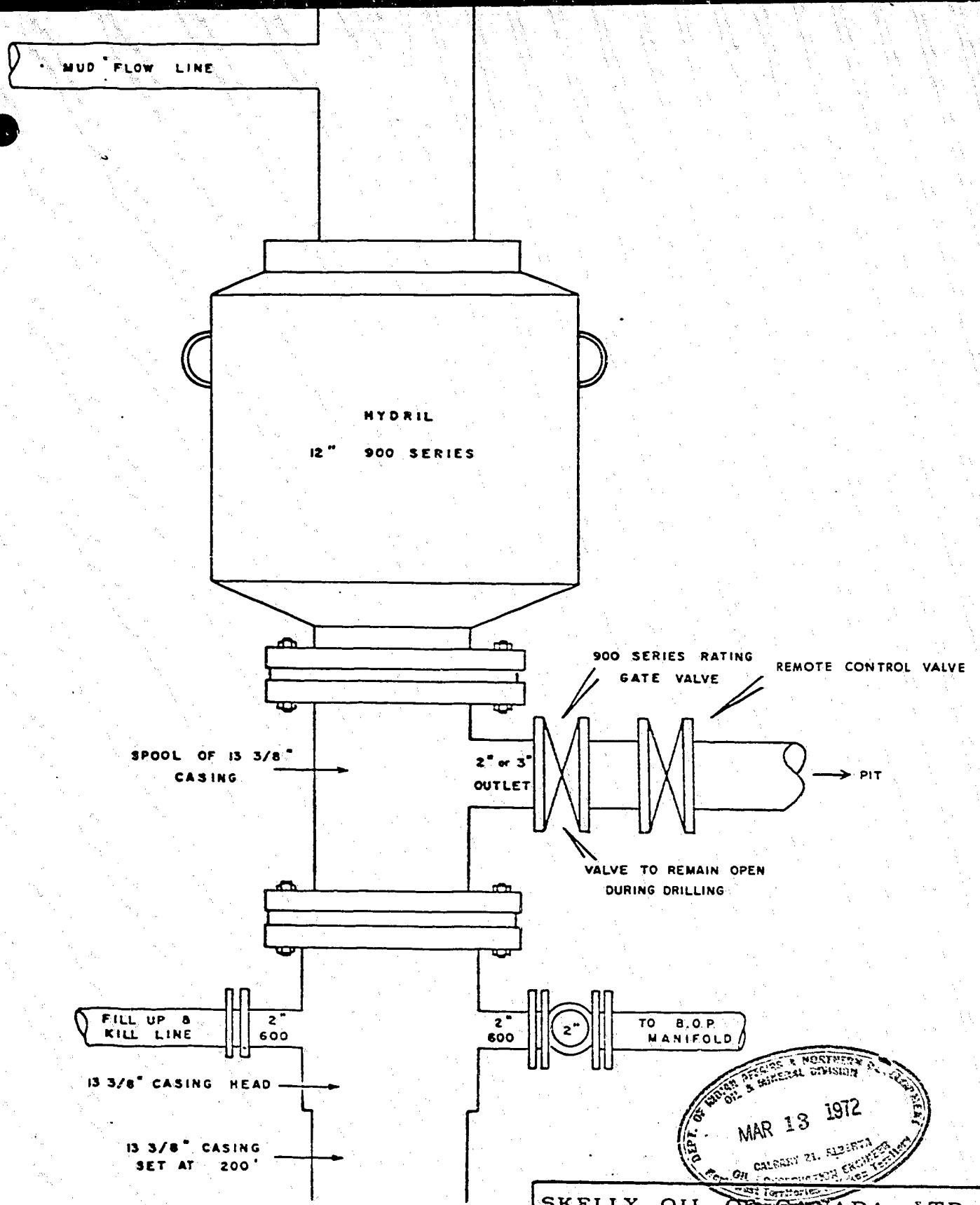
M. D. Thomas
District Conservation Engineer
Districts 2 and 3

/mj

Geological Prognosis :

		Drilling Depth (subsea)		Thick
Ground elevation (estimated) = +52'				
K.B. elevation (estimated) = +65'				
Spud in thin surface deposits				
Cretaceous..probably absent very thin clastic wedge if present				
Upper Devonian:	Imperial Fm. (siltstones, shales, minor sandstones).....	SEA LEVEL?		
	Canol Fm. (shales, hard siliceous in part)	6281'	(-6216')	130
Middle Devonian:	Hume Fm. (Limestone and shales)	6411'	(-6346)	208
	Gossage Fm. (Limestones, dolomites, ? Minor shale)	6619'	(-6554)	1400
Siluro-Ordovician:	Ronning "Fm". (dolomite, minor limestone)	8019	(-7954)	

DEPT. OF INDIAN AFFAIRS & NORTHERN DEVELOPMENT
OIL & MINERAL DIVISION
MAR 13 1972
CALGARY, ALBERTA
OIL CONSERVATION ENGINEER
Northwest Territories & Yukon Territory



DEPT. OF INDIAN AFFAIRS & NORTHERN DEVELOPMENT
OIL & MINERAL DIVISION
MAR 13 1972
CALGARY 21, ALBERTA

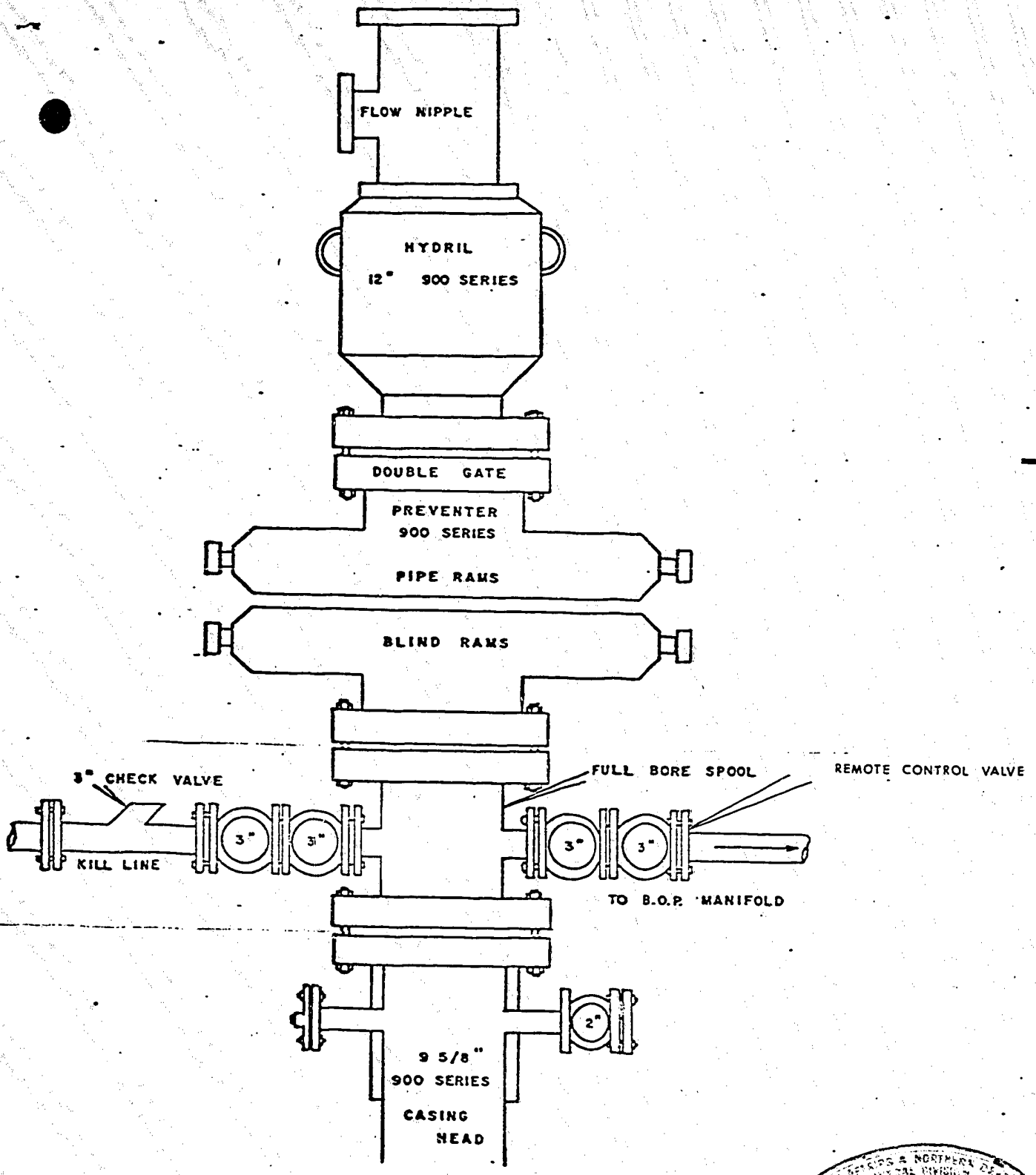
SKELLY OIL OF CANADA LTD.

CANADA DISTRICT

B.O.P. STACK FOR SURFACE HOLE

SKELLY - GETTY
AMOCO FT. McPHERSON A C-78

DATE : MARCH, 1972



MAR 13 1972

SKELLY OIL OF CANADA LTD.

CANADA DISTRICT

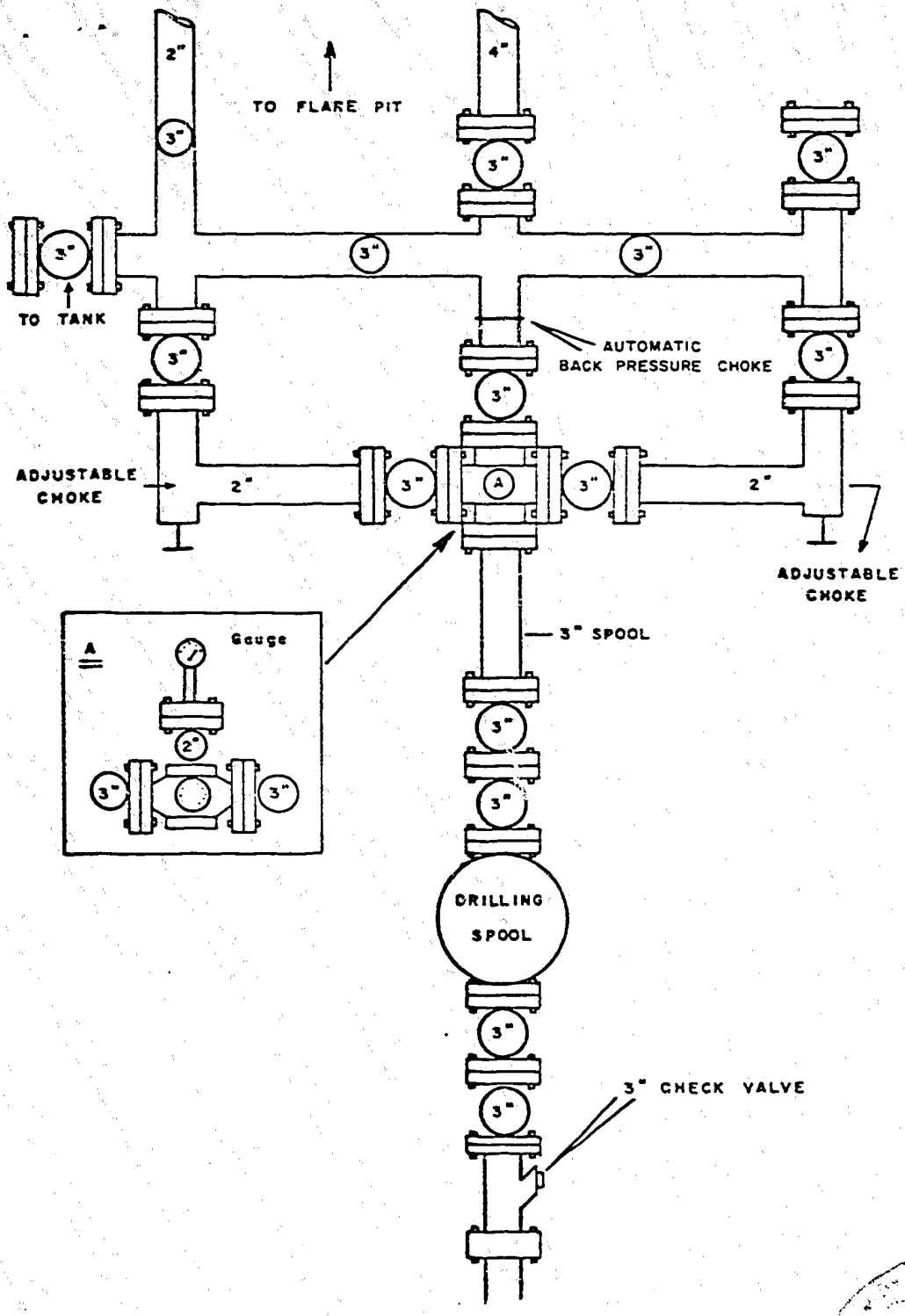
B.O.P. STACK FOR

MAIN HOLE

SKELLY - GETTY

AMOCO FT. McPHERSON A C-78

DATE : MARCH, 1972



SKELLY OIL OF CANADA LTD.

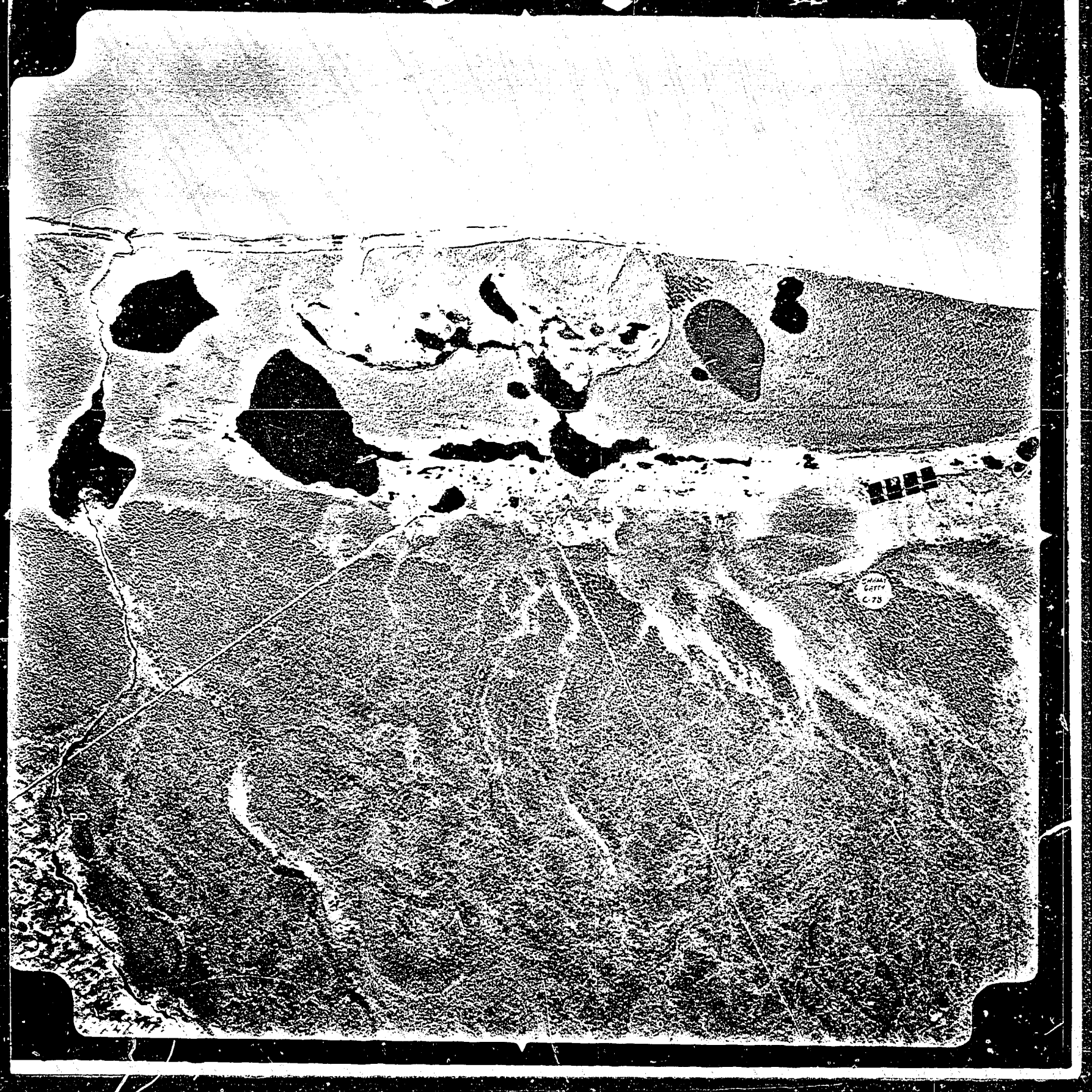
CANADA DISTRICT

B.O.P. MANIFOLD

SKELLY - GETTY

AMOCO FT McPHERSON A C-78

DATE : MARCH, 1972


CHINO
CITY
C-75

WELL HISTORY REPORT

Skelly-Getty

Amoco Ft. McPherson C-78

August 15, 1972

805-11-6-4 OH

OIL & GAS OPERATIONS UNIT
Oil and Mineral Division
OCT 11 1972
OTTAWA, CANADA
Dept. of Indian Affairs & Northern Development

CONTENTS

SECTION I	SUMMARY OF WELL DATA
SECTION II	GEOLOGICAL SUMMARY
SECTION III	ENGINEERING SUMMARY
SECTION IV	LOGS
SECTION V	ANALYSIS REPORTS

SKELLY OIL OF CANADA LTD.

T. C. Piper
District Operations Superintendent

August 17, 1972

SECTION I SUMMARY OF WELL DATA

(a) Well Name and Number

Skelly-Getty Amoco Ft. McPherson C-78

(b) Permittee -

Amoco Canada Petroleum Company

(c) Operator

Skelly Oil of Canada Ltd.
800 - 550 - 6th Avenue S.W.
Calgary, Alberta

(d) Location

Grid System - C-78-67-40-134-00
Latitude - 67°37' 04" N
Longitude - 134°14 20" W

Universal Well Location Reference:

Lat. 67.61778
Long.134.23888

Unique Well Identifier - 300C786740134000

(e) Co-ordinates

Lat. 67°37' 04" N
Long.134°14' 20" W

(f) Permit No. -

6247

(g) Drilling Contractor -

S & T Drilling (Western) Co. Ltd.
Rig No. 1 E (Rotary)

(h) Drilling Authority -

Authority No. 586 Issued on March 16, 1972.

(i) Classification -

New Field Wildcat

Cont'd.....

(j) Elevations (estimated)

Ground - +52'
K. B. - +65'

(k) Spudded

April 9, 1972

(l) Completed Drilling

July 14, 1972

(m) Total Depth

10,066'

(n) Well Status

Abandoned

(o) Rig Released Date

July 17, 1972

(p) Hole Sizes

12-1/4" to 322' opened to 17-1/2"
12-1/4" from 322' to 1201'
8-3/4" from 1201' to FTD of 10,066'.

(q) Casing

24" Conductor set @50'
13-3/8" Conductor set @ 322' KB.
9-5/8" Surface set @ 1202' KB.

SECTION II GEOLOGICAL SUMMARY

(a) Formation Tops

Formation	Sample Tops	Log Tops
Devonian		
Imperial	145'	145'
Canol	6250'	6300'
Hume	6370'	6372'
Gossage	6600'	6626'
Middle Gossage - Upper Dolomite	7320'	7320'
L.S. Tongue	--	--
Lower Dolomite	7745'	--
Lower L.S.	7840'	--
Ronning	7930'	7947'

(b) Cored Intervals

No core taken

SAMPLE DESCRIPTION - SKELLY - GETTY FORT McPHERSON WELL C-78

50' - 90'	Loose quartz and feldspathic grains vari coloured, coarse to very coarse, sub-angular to very well rounded, black shale fragments in part few unaltered scattered biotite flakes?
90' - 180'	Assorted igneous and sedimentary pebbles composed of quartzite, granite, chert and dolomite. Abundant loose sand grains.
180' - 220'	Sandstone and shale interbedded. The sandstone is dirty grey, the shales are dark grey.
240' - 340'	Dark grey, soft shale; silty, thin interbeds of very fine sandstone and siltstone. Scattered carbonaceous remains.
340' - 530'	The sample is about 50-50 sandstone and shale as above.
530' - 640'	Shale dark grey and silty. Scattered carbonaceous plant fragments.
640' - 890'	Sandstone as above, very fine grained, dirty,grey to bluish grey. Few scattered quartz granules. Shale in sub-equal abundance, dark grey, carbonaceous, trace of pyrite, trace of ironstone nodules.
890' - 1000'	Shale as above.
1000' - 1230'	Siltstone and very fine sandstone as above, light grey, dirty, a few loose quartz granules, occasional thin beds dark grey shale as above.
1230' - 1660'	Shale medium to dark grey, traces of pyrite, carbonaceous, stringers of siltstone.
1660' - 1780'	Siltstone and shale as above, approximately 50-50 in abundance.
1780' - 1830'	Sandstone very fine grain, medium grey, calcareous to slightly dolomitic, very silty, very dirty, abundant black rock fragments in the sandstone. Scattered carbonaceous remains.
1830' - 1940'	Siltstone and shale as above, approximately 50-50 in abundance, occasional quartz shards of angular clear quartz.
1940' - 1990'	Shale as above.
1990' - 2230'	Shale as above, siltstone interbedded, about 50-50 in abundance.
2230' - 2280'	Siltstone dark grey, very hard, traces of sandstone, very fine, redish brown, cherty.
2280' - 2330'	Sandstone redish brown, very fine to fine grained, silty, traces of chert.
2330' - 2670'	Siltstone light grey to grey, very hard and shale dark grey, micaceous, slightly calcareous, carbonaceous. Ratio of shale to siltstone about 50-50.
2670' - 2800'	As above.
2800' - 3040'	Mostly shale dark grey, micro micaceous, trace of pyrite, carbonaceous.

3040' - 3120'	Siltstone and shale as above in the ratio of about 50-50.
3120' - 3270'	Siltstone grading to very fine sandstone, thin beds of medium grey fine to medium sandstone contain cherty rock fragments. No apparent porosity.
3270' - 3490'	Mostly shale dark grey, micro micaceous, abundant carbonaceous plant remains, occasional argillaceous siltstone beds.
3490' - 4250'	Mostly shale as above, grey to dark grey, very silty and carbonaceous (mudstone?)
4250' - 4300'	Grey siltstone grading to very fine sandstone as above.
4300' - 4450'	Mostly dark grey, silty, carbonaceous shale, as above with thin interbeds of light grey to tan siltstone and grey to dark grey very hard siltstone.

4450-4460	Shale, light to medium grey, with grey siltstone and very fine sandstone.
4460-4470	Shale as described with interlaminated siltstone and sandstone as above, traces of white calcite veinlets.
4470-4480	As Described.
4480-4510	Shale, with silts and sands as described, some very finely disseminated carbon material in siltstone and sand.
4510-4530	Shale, grey as above, laminations siltstone and very fine, subangular sandstone as above, very fine carbonaceous material in part, micromicaceous in part.
4530-4550	As above, with trace brown mudstone with traces calcite veining and sandy in part. Slight increase in very fine, subangular sand.
4550-4560	Interlaminated, shale, sand and siltstone.
4560-4570	Shale grey with silt and sand as above, with traces clear quartz veinlets.
4570-4590	As above with increase in very fine subangular sand with carbon flecks and micro mica as above.
4590-4600	As above, with less sand.
4600-4610	Shale, medium grey, with thin laminatiner siltstone as above, questionable brown stain, trace only.
4610-4620	As described, traces of light grey very fine grained sand, scattered carbon flakes.
4620-4630	Shale, as described, with silt and very fine sand as above, traces quartz veinlets possibly infilled fractures.
4630-4640	As above, with increase in very fine, subangular medium surfed sand. Carbon flakes as above.
4640-4650	Shale, medium grey, interlaminated with grey siltstone as above and grey very fine, subangular medium to partly sorted sand - traces of grey chert fragments and carbon flakes. Race quartz filled veinlets.
4650-4660	Shale, grey as above, with thin inferbeds of sandstone, grey, very fine, subangular, medium sorted, shot thru with carbon flakes, some siltstone.
4660-4670	Shale, grey, traces sand and siltstone as above.
4670-4690	Shale, with silt and sand laminations as above. Trace brown stained appearing sand and silt as previously observed - no florescence, no cut.
4690-4700	As above to sandstone, very fine to fine medium to poor sorting, subangular, with scattered very fine grey chert fragments and carbon fragments, tight, no porosity obscured (15x) some brown discoloration as above, no cut, no florescence.
4700-4710	Shale, grey with laminations sand and siltstone as above.
4710-4720	Shale, with sand and siltstone as above, scattered fragments and veinlets clear quartz, rare trace pyrite.
4720-4730	Shale, medium grey, micromicaceous in part, silty in part, traces sand and sitltstone as above.
4730-4740	Shale, as above with laminations siltstone and very fine sand as described, some brown discoloration or stain, no cut, no florescence, no porosity.
4740-4750	As above to sandstone, light grey, very fine grained, medium sorted, some floating medium grained, tight, carbonaceous and cherty in part.

4750-4760	Sandstone, light grey, very fine as above, trace very fine pyrite, trace clear quartz veining or fracture fill. Some shale and silt as above.
4760-4770	Shale, light to medium grey with light grey sandstone, very fine, subangular, tight, carbonaceous as described.
4770-4780	Shale, as above with laminations grey to grey brown siltstone.
4780-4790	Shale, grey with laminations dirty grey very fine sand and siltstone, some light brown discolorations, no cut or florescence.
4790-4800	Shale, as above, very minor sand and silt as above.
4800-4810	Shale as above, thin beds grey siltstone and very fine sand as above, brown discoloration in part, tight, no cut, no florescence.
4810-4820	Shale, grey as above with siltstone and sandstone as above, carbonaceous to micromica in part.
4820-4840	Shale, medium grey, traces siltstone.
4850-4860	As above, grading to siltstone, light to medium grey, traces quartz veining.
4860-4870	Shale, as described with siltstone grey to brown traces very fine grey sandstone.
4870-4880	Shale, light to medium grey, traces grey sandstone and siltstone.
4880-4890	Shale, as above, grading to light grey siltstone and very fine dirty grey sandstone with scattered carbon flakes.
4890-4900	As described above. Trace quartz veinlets.
4900-4920	Shale, light to medium grey, micromica with some carbon inclusives, traces sand and siltstone as above.
4920-4930	Shale, as above, carbonaceous in part, grading to siltstone grey to brown and grey very fine sandstone. Traces quartz veinlets or fracture fill, rare anhydrite? vein or fracture fill.
4930-4940	Shale, grey, micromica with silt and sandstone as above.
4940-4950	Shale, medium grey, micromicaeous in part. First sample after being stuck in hole.
4950-4960	As above, trace grey siltsone.
4960-4970	Shale, medium grey, as above, traces grey, micromica siltstone.
4970-4980	Shale, as described with lamination siltstone, with trace very fine sand.
4980-4990	Shale, as above, faint traces siltstone and sandstone, as above.
4990-5000	As above, grading to siltstone, and light grey very fine, sandstone with carbon flakes.
5000-5010	Shale, as above with traces siltstone and sandy siltstone. Trace quartz veinlets.
5010-5020	Shale, as described with laminations siltstone and grey very fine sandstone, some very fine black carbon grains, race grey chert grains.
5020-5030	Shale, as above, rare carbon inclusions with some siltstone as above rare quartz veining.
5030-5040	As above, with very faint trace of grey-brownish waxy shale.

5040-5050	Shale, grey as above, laminated with grey siltstone, traces of very fine sand with carbon flakes. Trace of grey to brown ironstone.
5050-5070	Shale, as above, grading to siltstone, grey to brown, with traces grey and brown, very fine sand. No florescence no cut.
5070-5080	Shale, grey as described, laminations grey to brown siltstone, some very fine sandstone, micro mica, minute carbon flakes, trace pyrite, no porosity, trace quartz veining.
5080-5090	Shale, light to medium grey, micromicaceous, traces carbon remains, laminations grey siltstone and very fine sand as above, traces quartz veining.
5090-5100	Shale, with silt and sandstone laminations as described above.
5100-5110	As described above, some quartz veining.
5110-5130	Shale, grey as above, with laminations siltstone and very fine sandstone with some grey chert fragments and microscopic black carbonaceous specks and fragments.
5130-5140	Shale, as described grading to siltstone and very fine sandstone, grey, subangular, medium sorted, carbanaceous as above.
5140-5150	Shale, light to medium grey, micromica with some carbon (plant fragments) material, to siltstone grey, with dark carbon specks.
5150-5170	Shale, as described with siltstone as above, trace very fine grained sand as described.
5170-5180	Shale, as above, micromicaceous grading to siltstone and grey very fine quartzone, carbonaceous, subangular, medium sorted, hard sandstone.
5180-5190	Shale, as above to siltstone, greyish brown to yellow brown, trace very fine sand (sauce color) carbonaceous in part, appears stained, no fluorescence, no cut, tight.
5190-5200	Shale, grey, micromicaceous as above, rare trace brownish, soft waxy, subbituminous shale, with siltstone and very fine sand, grey to brown as described above, argillaceous in part, appears stained - no cut, no fluorescence, no por. (subbituminous?) Rare quartz veinlets.
5200-5210	Shale, light to medium grey, micromica to siltstone, light grey, argillaceous in part.
5210-5220	Shale, light to medium grey, micromicaceous.
5220-5240	Shale, as above to silty in part, with grey siltstone and traces grey sand as previously described.
5240-5250	Shale, medium and light grey as described, traces argillaceous siltstone and sandstone as previously described.
5250-5260	As described, grading to siltstone, grey coarse in part.
5260-5270	As above, discoloration due to overheating.
5270-5280	Siltstone, grey, very fine to coarse, micromicaceous and carbonaceous grading to very fine sand in part. Some shale, as above.
5280-5290	Shale, light and medium grey with laminations of siltstone and sandstone as previously described.
5290-5300	Siltstone, grey, micromicaceous, faintly carbonaceous sandy in part, rare quartz veinlets, some shale as above.
5300-5310	Shale, as described, with laminations siltstones and sandstones as above, some brown coloration, no cut, fluorescence or porosity.
5310-5320	Siltstone, light grey to brown, micromicaceous and carbonaceous as above. no cut fluorescent tight, slightly sandy

5310-5320	(con't) in part trace quartz filled veins or fract.
5320-5330	Shale, grey with laminations siltstone and very fine sandstone micro carbon inclusions. Some brown coloration as above, no hydrocarbon traces quartz veinlets or fractures.
5330-5350	Shale, as described, laminations siltstone and sandstone as above, trace quartz veining as above.
5350-5360	Shale, with thin bedded siltstone and sandstone as above.
5360-5370	Shale, grey with siltstone and sandstone as above, traces minute quartz veinlets or filled fract, trace brown discoloration as previously reported, no shows.
5370-5380	Shale, as described with siltstone, grey to brown (subbituminous?) with carbon flecks, no fluorescence, no cut, tight.
5380-5390	Shale, light to medium grey with laminations grey siltstone. 1 large fragment grey chert.
5390-5400	Shale, as above, trace plant remains, grading to siltstone, grey and sandstone grey very fine, microcarbonaceous, traces quartz filled veinlets and/or fractures.
5400-5410	Shale, light to medium grey, micromica with rare plant remains, trace siltstone as above.
5400-5420	Shale, as described, traces and laminations very fine sands and silts as described.
5420-5430	Shale with siltstone and sandstone, laminations as above, some brown subbituminous as previously described, no fluorescence, no porosity no cut even where crushed, some quartz veining as above.
5430-5440	Shale, as above, traces of silt and sandstone, grey as described.
5440-5450	Shale, as above to sandstone, grey, very fine subangular, microcarbonaceous in part, tight..
5450-5460	Shale, medium to dark grey.
5460-5470	As above, trace grey siltstone.
5470-5480	Shale, medium to dark grey, micromicaceous, rare, quartz filled veinlet or fracture.
5480-5490	Shale, as above, grading to silty and with laminations, grey, argillaceous siltstone.
5490-5500	As described, with trace of sandstone, grey very fine, micro carbonaceous sandstone, tight, no shows.
5500-5510	Shale, as above, trace very fine grey sandstone some yellow brown discoloration, tight, no show.
5500-5520	Shale, as described with traces carbonized plant remains, trace grey sand, very fine, tight.
5520-5530	As described above, slight increase in sandstone.
5530-5540	Shale, as above, fair trace sand as above, some yellow brown coloration, no fluorescence no cut. Trace quartz filled veinlets or fractures.
5540-5550	Shale, with fair trace grey sandstone as above.
5550-5560	Shale, as above, one or two clips with pyrite inclusive grading to grey siltstone and very fine sandstone.
5560-5570	Shale, as above to brown grey some yellow brown subbituminous sand and siltstone as described.

5570-5580	Shale, grey, traces carbonized plant grading to siltstones and very fine grey sandstone, microcarbonaceous, rare grey chert granules.
5580-5590	Shale as above to sandstone, grey, very fine quartzones, tight as above.
5590-5600	As above with some subbituminous? yellow brown sands and silts as previously described, tight, no porosity, no show.
5600-5620	Shale, light to medium grey, trace grey sand and siltstone as above.
5620-5630	Shale, light and medium grey, rare carbonized plant remains, micromica, rare pyrite, laminations grey siltstone and microcarbon sands as described.
5630-5640	Shale, with sand and silt laminations as described.
5640-5650	Shale, as described, light brown tone in part, laminations grey, very fine sandstone, trace yellow brown sub bituminous? tight, no show.
5650-5660	Shale, grey as above, with trace light brown grey, with laminations siltstone and sand as described immediately above, no porosity, no shows.
5660-5670	Shale, grey, micromicaceous, with laminations grey to dirty grey siltstone and sandstone, very fine, microcarbon specks, rare grey chert inclusives.
5670-5680	Shale, light to medium grey as above with siltstone and thin beds grey, very fine, subangular medium sorted, tight sandstone.
5680-5690	Shale, greys as above with some brownish coloration in part, laminations and or partings grey silts and sands to yellow brown, sub bituminous? tight, sand and silts as previously described, no fluorescence, no cut crushed or undisturbed tight.
5690-5700	Shale, greys as above, with thinly bedded siltstones and grey very fine, subangular, medium sorted, microcarbon sands as above.
5700-5710	Shale, with siltstone and sandstone interbeds as described.
5710-5720	As described, with trace of fine grained sandstone, sands and silts hard, well indurated and tight.
5720-5730	Shale, grey as above, with very minor traces grey brown finely bituminous appearing, faint traces sub waxy grey shale, with laminations siltstone and sandstone as above.
5730-5740	Shale, grey as above grading to sandstone, light grey, very fine, subangular, microcarbanaceous, rare grey chert inclusions, tight, very faintly calcareous in part.
5740-5750	As described, scattered quartz granular, fractured?
5750-5760	Shale, grey as described, laminations sand as above, traces of pyrite.
5760-5770	Shale, and sand as above, with some grey siltstone.
5770-5780	Shale, grey with traces siltstone and sand as above.
5780-5790	Shale, light to medium grey.
5790-5800	Shale, as described, trace brown soft shale.
5800-5810	Shale, as above, laminations grey siltstone and very fine dirty grey, microcarbonaceous and micaceous sand.
5810-5820	Shale, grey with sandstone and siltstone laminations as above.

5820-5840	Shale, as described, faint traces sand and siltstone, as above.
5840-5850	Shale, as above, with rare carbonized plant fragments grading to grey siltstone and dirty grey micro carbonaceous very fine, tight sandstone.
5850-5860	Shale, as above, faint traces siltstone and sandstone as above.
5860-5870	Shale, as described, traces siltstone and sandstone as above.
5870-5880	Shale, as above to sandstone, light to dirty grey, very fine, microcarbonaceous, faintly pyrite in part, siliceous, tight. Rare quartz filled veinlets or fractures.
5880-5890	Shale, as above, traces of red brown sand as above to yellow brown subbituminous appearing, tight, no fluorescence, no cut. Rare quartz filled veins or fractures as above.
5890-5900	Shale, grey with trace grey siltstone
5900-5920	Shale, as described to siltstone, grey compact with trace of grey, very fine microcarbon sandstone.
5920-5930	Siltstone, grey, hard, compact with traces of sandstone grey very fine as above, some grey shale.
5930-5940	Siltstone, as above, grading to very fine grey microcarbonaceous very faintly dolomitic and calcareous in part.
5940-5950	Shale, medium grey, with laminations siltstone and sand as above.
5950-5970	Shale, medium grey, micromica.
5970-5980	Grading to siltstone and very fine grey sandstone.
5980-6000	Shale, grey as described, with siltstone and laminations very fine sandstone, as above.
6000-6010	Interlaminated shales, silts and sands as above, with faint trace pyrite.
6010-6020	Shale, light to medium grey, traces siltstone and sand as above.
6020-6030	Shale, as above, to siltstone, light grey, compact.
6030-6040	Shale, as above, traces siltstone and sandstone.
6040-6050	Shale, with traces of siltstone and sandstone, very faint trace of pyrite.
6050-6070	Shale, as described grading to grey siltstone and very fine sands as previously described.
6070-6080	Shales, as described with grey siltstone, and sandstone, light grey, very fine, siliceous some microcarbon as above.
6080-6090	Shale, and silts as above, traces of sand as described.
6090-6100	Shale, medium grey with laminations, grey, hard siltstone and faint traces, light grey, siliceous microcarbon sands as above.
6100-6110	Shale, medium grey, traces grey siltstone.
6110-6120	Shale, light to medium grey, micromicaceous in part.
6120-6130	As described above, some brownish shale.
6130-6140	Shale as described to siltstone, light to dirty grey, very fine to coarse, some microcarbon flakes, trace of quartz filled veinlets or fractures.
6140-6170	Shale as above with siltstone as described to medium and some dark grey, very hard.
6170-6180	Shale, grey with trace grey, very fine siltstone as described.
6180-6190	Shale, with minor siltstone as above.

6190-6200	Shale, as described, with minor hard siltstone, and faint trace, very fine sandstone.
6200-6210	As described, with rare minute, questionable black chert fragments in sample. Trace cement from inside old pipe or uphole.
6210-6220	Shale, medium grey, with very minor siltstone and trace sandstone, as above.
6230-6240	Shale, as above, traces siltstone and sandstone, as above.
6240-6250	Shale, medium grey, micromica in part with silt laminations as above, total gas 10 units.
6250-6260	Shale, as above and becoming darker grey race brownish bituminous cast minor siltstone, as described.
6260-6270	Shale, medium to dark grey, with brownish cast in part, subwaxy brown streak in part, crushed to light brown sub-bituminous waxy powder in part. 20 units total gas on analyzer, no evidence porosity or fracture, slight increase in fracture, slight increase in torque @ 6250'.
6270-6280	Shale, dark grey to new black, light brownish tone in part, waxy streak as above, crushes to sub bituminous waxy powder.
6280-6290	Shale, dark grey, subituminous, slight brown trace as above, aome pyrite inclusives in crystal and minute rounded nod-ules, some grey shale as above.
6290-6300	Shale, dark grey, subbituminous in part as above.
6300-6310	Shale as above, traces pyrite.
6310-6320	Shale, dark grey to near black subbituminous in part with fair show of chert, black, very fine to coarse angular fragments (broken pebbles?) Approximately 1% or less of sample.
6320-6330	Shale, as described with black chert as described 2-5% of sample, thinly laminated with the shale.
6330-6340	Shale, as described, traces chert as above, first sample after trip.
6340-6360	Shale, dark grey, near black, subbituminous as above, traces pyrite, fair trace black chert fragments.
6360-6370	Shale, very dark grey to black, subbituminous and pyritic in part, black chert as above with some pyrite inclusions very faint trace light grey limey shale with fossil frag-ments and dark tomedium grey bioclastic limestone.

SAMPLE TOP OF HUME FM. 6370'

6370-6380	Shale and chert as above with limestone, grey and dark grey mottled appearance in part, microcrystalline to very fine and fine bioclastic (shell fragments and smooth elongate forms) No drilling time change.
6380-6390	Limestone, grey brown, microcrystalline to very fine biofragmental, soft, chalky in part, some grey shale partings.
6390-6410	Limestone, grey to brown, microcrystalline to very fine bioclastic, shell fragments, scattered coral recognizable chalky and argillaceous in part, some grey shale partings.
6410-6430	Limestone, grey to brown, microcrystalline and biofragmental in part, soft chalky and or marly in part-argillaceous very dark grey residue. Laminations dark grey shale.

6420-6450 Limestone, grey to brown, mottled in part, microcrystalline and very fine biofragmental to soft chalky to marly.

6450-6490 Limestone, grey to brown, microcrystalline with some very fine biofragmental, rare coarse brachiopod and coral? fragments. Soft, chalky to marly in part, argillaceous.

6490-6500 Limestone, as above, becoming more medium brown, microcrystalline, argillaceous, traces of grey and brown microcrystalline and very fine biofragmental as above, some soft chalky, as above.

6500-6510 Limestone, predominately medium brown, microcrystalline, argillaceous with traces of bioclastic material (very fine) rare brachiopod remains with some grey lime chalky to marly in part.

6510-6540 Limestone, as above, very argillaceous, rare tiny ostracods.

6540-6550 Limestone, grey to brown as above, microcrystalline with traces micritic, rare fossil fragments as above, chalky to marly in part.

6550 - 6560 Limestone, light grey to medium brown, microcrystalline with traces very fine fragmental, tracesbromicrite, traces coral? & brachia fragments, some paper thin black shale laminations, argillaceous in part, chalky to marly in part.

6560-6570 Limestone, grey to brown as above , microcrystalline to micritic, rare unrecognizable fossil fragments, shale laminations as above, chalky and marly.

6570-6580 Limestone, as above.

6580-6590 Limestone, primarily light to medium brown, microcrystalline to micritic, argillaceous, pyritic in part rare fossil fragments with some grey chalky.

6590-6600 Limestone, as described with interbedded shale, light grey, hard, limey.

SAMPLE TOP GOSSAGE FORMATION 6605

6600-6610 Shale as above to limestone grey to brown microcrystalline to very fine biofragmental.

6610-6620 Limestone, greys and browns as described microcrystalline to very fine biofragmental

6620-6630 Limestone grey brown to mid brown, micro crystalline, slightly argillaceous, faintly fragmental in part, trace grey chalky, thin partings grey calcareous shale.

6630-6640 Limestone, as above rare indistinct and questionable pellet fragments.

6640-6650 Limestone, brown to grey as above, microcrystalline to micritic, rarely very fine fragmental or questionably pelletoid, argillaceous, some chalky, trace pyrite. Rare infilled vugs.

6650-6660 Limestone, as described slight trace very fine pellets or intraclast, trace cement.

6660-6670	Limestone, brown and greys as described, microcrystalline to micritic with rare traces very fine pelletoid or intraclastic.
6670-6680	Limestone, as above.
6680-6690	Limestone, greyish brown, microcrystalline to micritic, very rare trace pellet or intraclastic limestone (eyelets or small partings). Trace spar. Rare infilled vugs or unrecognizable fossil remnant.
6690-6700	Limestone, as described, to tan micritic in part, faint traces very fine pellet material as above.
6700-6710	Limestone, tan, micritic, some stylolites and hairline infilled fractures to medium brown, microcrystalline and micritic as above. Very rare pellet or intraclast eyelets.
6710-6720	Limestone, light brown to medium brown micritic to microcrystalline, rare calcite filled micro vugs, rare paper thin black shale laminations, trace grey-grey white, very fine pellet material, in eyelets or thin partings, trace spar cement.
6720-6730	Limestone as above, faintly dolomitic in part.
6730-6740	Limestone, medium brown to tan, microcrystalline and micritic, rare very fine pellet material (traces only) trace spar cement, faintly dolomitic in part.
6740-6750	Limestone, tan, micritic, with rare stylolites and infilled dark hairline fractures, some brown microcrystalline and micritic as described, faint trace pellet material.
6750-6760	Limestone, as described.
6760-6770	Limestone, tan micritic and light brown micritic and microcrystalline as above, faint traces pellets as above.
6770-6780	Limestone, as above, rare infilled micro vugs.
6780-6790	Limestone, tan, through midbrown and grey, micritic and microcrystalline, rare infilled microvugs, rare traces or eyelets very fine pellet or intraclastic limestone, traces spar cement.
6790-6800	Limestone, as described.
6800-6810	As described
6810-6820	Limestone, tan and brown as above, trace thin black shale laminations. Rare pelletoid material.
6820-6830	Limestone, as above.
6830-6840	As described, traces infilled microvugs, trace dolomite.
6840-6850	Limestone, tan and brown, microcrystalline and micritic as above, traces calcite filled microvugs - also faint trace bitumen plugging, slightly dolomitic and argillaceous, trace pellet material.

6850-6860	Limestone, medium brown and tans, microcrystalline to micritic traces very fine pellet limestone, rare infilled microvugs, trace very fine bitumin? plugging.
6860-6870	Limestone, as described, with slight increase in pellet material.
6870-6890	Limestone, tans and browns, some grey microcrystalline to micritic, traces pelletoid or intraclastic, tight.
6890-6900	Limestone, as described, trace faintly dolomitic, rare infilled vugs (micro) faintly pelletoid in part.
6900-6910	Limestone, microcrystalline to micritic as above, some hairline infilled fratures.
6910-6920	Limestone, tan to brown, micritic, and microcrystalline, traces pelletoid as described, tight, no evidence hydrocarbon.
6920-6930	Limestone, as above, becoming pyritic in part. Thin partings grey microcrystalline, silty dolomite.
6930-6940	Limestone, tan to brown as above with thin part or eyelets very fine pellet and or intraclastic limestone, faintly dolomitic in part, faintly argillaceous.
6940-6950	Limestone, tan to mid and dark brown, micritic and microcrystalline, faint trace intraclastic material, faintly dolomitic as above, rare infilled vugs.
6950-6960	Limestone tan to mid brown as above with eyelets intraclastic material from silt to very fine, some spar cement rare paper thin black shale lamanise.
6960-6970	Limestone, as above faint trace grey to brown microcrystalline limey dolomite.
6970-6980	Limestone as above, fair trace very fine rounded and subrounded intraclact in spar cement (intraspirite), no porosity.
6980-6990	As above, trace of intraclast and/or pellets as above, faintly argillaceous.
6990-7000	Limestone, tans and browns as above with thin laminations very fine, pellet or intra clastic material with spar cement.
7000-7010	Limestone, tans and browns as above with lens and thin partings very fine pellet and/or intraclast with spar cement.
7010-7020	Limestone, micritic to microcrystalline as above, traces pellet material as above.
7020-7030	Limestone, tan and brown micritic to microcrystalline with some thin grey shale laminations with grey mottled, very fine pelletoid and or intraclastic limestone. Traces grey to tan microcrystalline dolomite.
7030-7040	Limestone, tan micritic to some brown and grey brown microcrystalline. Traces pelletoid. Traces grey and tan limey dolomite and dolomidic limestone.
7040-7052	Limestone, tan to grey brown, micritic and microcrystalline, slightly argillaceous, dolomitic in part with some dolomite, light greys and browns, silty in part.
7050-7060	Limestone, tan to brown as above, with some grey brown microcrystalline, limey dolomite. Faintly argillaceous in part, trace grey silty dolomite.
7060-7070	As described with very faint trace very fine pellet material.
7070-7080	Limestone as above, dolomitic in part.

7080-7090 Limestone, tan to brown as above with stringers of grey, microcrystalline, very finely silty dolomite with rare pyrite inclusions

7090-7100 Limestone, tan to brown and grey brown, micritic as above to very fine pelletoid or intraclastic with spar cement.

7100-7110 Limestone as above.

7110-7150 Limestone, greys, tans and browns, with some very fine pelletoid as reported, minor dolomite as above. Mackenzie River flooding into camp area.

7150-7160 First sample after trip, grey shales with limestone, light brown to brown grey and tan, micritic to micro crystalline, traces very fine pelletoid, slightly dolomitic in part.

7160-7170 Limestone, tans and browns, microcrystalline and micritic, dolomitic in part, with stringers grey brown and rare microcrystalline dolomite - difficult to distinguish from limestone. Caved shale as above.

7170-7180 Limestone, tan, greyish tan and brown, as above, microcrystalline to micritic, very faintly dolomitic in part, rare pelletoids. Faint trace dolomite as above.

Due to flood conditions created by Mackenzie River ice, operations temporarily suspended @ 7181' Friday, June 2, 1972.

7180-7190 Limestone, grey to grey brown, microcrystalline, slightly fragmental, very faintly dolomitic in part.

7190-7200 Limestone, as above to very fine biofragmental and fragmental, some recognizable crinoids, faintly argillaceous inpart.

7200-7210 Limestone, grey to grey brown, as above, microcrystalline to very fine fragmental and biofragmental as above, traces spar cement, faintly dolomitic and argillaceous as above.

7210-7220 Limestone grey to grey brown as described argillaceous.

7220-7230 Limestone, grey to grey brown microcrystalline, to some very fine fragmental as above, argillaceous to chalky in part.

7230-7240 Limestone as above, slightly dolomitic in part.

7240-7250 As described, with some very fine fragmental and biofragmental.

7250-7260 Limestone grey to grey brown, microcrystalline to very fine w/traces fine fragmental and biofragmental, faintly dolomitic, slightly argillaceous, chalky in part, soft.

7260-7280 Limestone, grey to grey brown, microcrystalline to very fine and fine fragmental and biofragmental - some chalky, to argillaceous in part. No porosity or oil staining, no gas or analysis.

7280-7290 Limestone, grey to grey brown, faintly argillaceous as above.

7290-7310 Limestone, grey to light brown, microcrystalline to very fine biofragmental, traces fine biofragmental argillaceous in part with thin partings and laminations dark shaley (bituminous?) material, no shows.

7310-7320 Limestone, light brown-grey brown, microcrystalline to some very fine biofragmental, dolomitic and argillaceous in part.

7320-7330	Limestone, light brown, microcrystalline to very fine biofragmental, dolomitic in part, argillaceous in part, tight no shows.
7330-7350	Limestone, brown, dolomitic as above, tight, some fine bioclastic material including recognizable crinoids.
7350-7370	Limestone, light brown, microcrystalline, slightly dolomitic traces bioclactic, argillaceous. D-1, 1-9.
7370-7390	Limestone, light to medium brown, slightly dolomitic, argillaceous and bioclastic as above.
7390-7400	Limestone, as described, rare small ostracods, faintly dolomitic in part.
7400-7410	Limestone, light brown to grey brown, microcrystalline with traces very fine biofragmental, argillaceous in part.
7410-7420	Limestone, brown, microcrystalline as above traces micritic scattered very fine bioclastic debris including crinoids and brachiopods.
7420-7440	Limestone, light to medium brown, microcrystalline, with scattered traces crinoid and brachiopod fragments, faintly dolomitic, argillaceous and tight.
7440-7450	Limestone, medium brown to dark brown microcrystalline with some micritic, faintly dolomitic, argillaceous, some black shaley laminations scattered crinoid and brachiopod fragments, grey chalky laminations.
7450-7460	Limestone, as above, microcrystalline, traces fossil fragments as above. Rare calcite inclusions (infilledvugs?)
7460-7470	First sample after trip. Limestone as above.
7470-7480	LS, brown as above to some tan, microcrystalline and very fine intraclastic and or peletoidal with some clear amorphous spar cement.
7480-7490	Limestones, brown, microcrystalline as above to tan, microcrystalline to very fine pelletoidal and/or intraclastic traces spar cement as above, faintly dolomitic and argillaceous.
7480-7510	Limestone, light tan, microcrystalline to very fine intraclastic and/or pelletoidal with some spar cement, faintly dolomitic, faintly argillaceous.
7510-7520	Limestone, tan to light brown microcrystalline to very fine intraclastic with some clear spar cement, faintly dolomitic and argillaceous, some dark brown microcrystalline.
7520-7530	Limestone, light to medium brown and tan microcrystalline with some intraclastic and very fine fragmental traces spar cement, faintly argillaceous and dolomitic, more of grey chalky limestone.
7530-7540	Limestone, tan to light brown, very fine intraclastic and microcrystalline as above, some spar cement, faintly dolomitic D, 2-8.
7540-7550	Limestone, light to medium brown, microcrystalline dolomitic and argillaceous to tan microcrystalline with scattered very fine intraclastic with some spar cement as above, dolomitic in part. Scattered coarse fragments: white calcite infilled vugs or veinlets. Extremely rare less than 1% microvugs, no stain, no cut, no gas, drilling rate avg. 11 min/ft.
7550-7560	Limestone, tan to light and medium brown, microcrystalline, dolomitic, traces very fine intraclastic as above, trace spar cement, faintly argillaceous in part, some infilled vugs. Trace tan microcrystalline dolomite..1 or 2 chips with microvug porosity (-1%) as above, no cut, no fluorescence no gas indicated. D/R 10/12 min/ft.

7560-7570	Limestone, tan to light browns microcrystalline dolomitic to dolomite, tan, slightly limey, microcrystalline.
7570-7580	Limestone, light tan to light brown, microcrystalline, dolomitic, argillaceous, tight.
7580-7600	Limestone, tan to light and medium brown, microcrystalline, argillaceous to dolomite, tan to brown, microcrystalline, argillaceous in part. Some coarse calcite fragments and veinlets.
7600-7610	As above, with trace very fine fragmental limestone.
7610-7630	Limestone, tan to light brown, microcrystalline, dolomitic with some dolomite, as above.
7630-7640	Limestone, buff, micritic to microcrystalline slightly dolomitic, with extremely rare trace pin point and microvug porosity (4 chips in sample) - 1%. Mineral fluorescence no oil stain, no gas on analysis.
7640-7650	Limestone, buff as above, traces very fine pelletoidal, traces spar cement with buff and tan slightly limey dolomite.
7650-7660	Limestone, buff to tan, microcrystalline traces micritic, dolomitic in part, trace white calcite filled vugs, tight, no show.
7660-7670	Limestone, light brown to medium and grey brown, microcrystalline, dolomitic and argillaceous, some tan limestone as above, traces dolomite.
7670-7680	Limestone as above, trace very fine pelletoid, thin stringers dolomite as above.
7680-7690	Limestone, buff, microcrystalline, some very fine pelletoidal, dolomitic, with dolomite buff, microcrystalline.
7690-7700	Limestone, tan to brown, as above to argillaceous, some dolomite as above, tight.
7700-7710	Intermitted grey brown, microcrystalline, argillaceous limey dolomite and dolomitic limestone, some buff, microcrystalline limestone, scattered white calcite infilled veinlets or fractures, tight, no show.
7710-7720	Limestone, tan to light brown, microcrystalline with traces very fine pelletoidal, traces spar cement slightly dolomitic tight.
7720-7730	Same uneven drilling-possible fractures.
7730-7740	Dolomite, grey brown, microcrystalline, slightly limey, slightly argil, some limestone, as reported.
7740-7750	Dolomite, as above, with interbedded or intermixed dolomitic microcrystalline. Limestone. Rare trace pin point and microvug porosity (-1%). Mineral fluorescence only, no cut in cholorethene, no gas on analyzer.
7750-7760	Dolomite, grey brown, microcrystalline, limey, argillaceous with rare scattered trace (less than 1%) pin point to microvug porosity as reported. No staining, no fluorescence no cut, no gas on the analyzer.
7760-7770	Dolomite, as described above, microcrystalline, slightly calcareous and argillaceous - increase in poor pin point and microvug porosity to 1%, mineral fluorescence only, no cut. Gas 2 units (questionable) total. Questionable and extremely weak gas show.
7770-7780	(Circ smpl) Dolomite, grey brown, as above with rare and very faint trace porosity as above, no cut, no stain, no fluorescence, 2 units (total) gas. to dolomite, light grey and tight.

7780-7790	(circ. out) Dolomite, light tan grey and buff microcrystalline - rare and scattered pin point microvug (-1%) no oil stain fluorescence or cut, weak gas 3 total units.
7790-7800	Dolomite, tan and light brown as described tight to limestone, tan micritic faintly dolomitic tight. Rare calcite filled vugs and veinlets.
7800-7810	Limestone, tan to grey brown, microcrystalline to micritic slightly dolomitic, very rare microvugs, less than 1%, no shows, some dolomite as above.
7810-7820	Limestone, tan through medium and light brown, microcrystalline dolomites as above, very faint (-1%) porosity as above, no show.
7820-7830	Dolomite, brown grey, microcrystalline, slightly limey, slightly argillaceous with buff and tan microcrystalline, dolomitic limestones. Tight no show.
7830-7840	Dolomite, tan through grey brown and light grey limey in part, slightly argillaceous, traces limestone as described.
7840-7850	Interbedded microcrystalline, grey, tan and brown limey dolomite and dolomitic limestone trace grey silty and pyritic dolomite, faint trace of grey green dolomitic shale.
7850-7860	Interbedded or intermixed dolomites and limestone as above with traces - probably laminiae of shale greenish grey, dolomitic, pyritic in part.
7860-7870	Limestone, cream to buff, micritic, with trace white chalky to marly limestone, rare grey to green grey shale partings.
7870-7890	Limestone, with shale partings and inclusions as above. Limestone, as above with partings green and green grey shale pyritic in part, to some shale light, bright green and sub waxy.
7890-7900	Limestone, cream to buff, micritic, traces white chalky or marly, shale partings as above.
7900-7910	Limestone with shale partings as above. Trace buff microcrystalline dolomite.
7910-7920	Limestone, cream to buff, and some white micritic to micro and very fine crystallines, some chalky to marly as above, slightly dolomitic in part.
7920-7930	Limestone, as above to dolomite, microcrystalline to cryptograined, traces shale as above.

SAMPLE TOP RONNING 7930'

7930' - 7940'	Dolomite, light grey, microcrystalline and cryptograined, slightly limey, some limestone as above. Faint trace green grey slightly pyritic shale.
7940' - 7950'	Dolomite, as described, thin bands micritic, grey to cream dolomitic limestone. Rare partings and laminations green grey and light bright green subwaxy in part, pyritic in part shale.
7950' - 7960'	As above, with trace light brown microcrystalline dolomite.
7960' - 7970'	Dolomite, light grey to buff, microcrystalline and cryptograined, slightly limey, scattered and rare small calcite filled veinlets or fractures, trace infilled vugs. Thin shale laminations as above.
7970' - 7980'	Dolomite, as above.
7980' - 7990'	Dolomite, grey as above, very faint trace microvugs - widely scattered less than 1%, no stain, no fluorescence, no gas.
7990' - 8000'	Dolomite, grey, microcrystalline and cryptograined as above. Very rare drusy surfaces, very rare and sparse microvugs as above, less than 1% (4 or 5 chips in complete sample). No stains, fluorescence or stain, no gas on analyzer.
8000' - 8010'	Dolomite as above, with rare drusy surfaces, very rare and sparse microvugs as above (less than 1%) no indications of oil or gas. Drilling rate 6-8 min./ft.
8010' - 8020'	Dolomite, light grey, microcrystalline to cryptograined as above, faint trace of micro vug porosity (3-4 chips). No fluorescence other than mineral, no cut, no gas.
8020' - 8030'	Dolomite as above, faint trace drusy edges and small microvugs (-1% porosity). No stain, fluorescence or cut, no gas on analyzer.
8030' - 8040'	Dolomite, grey as above, tight, no shows. Traces grey green shale. Drilling rate 6-9 min./ft.
8040' - 8050'	Dolomite, as described, tight, traces of green shale. Drilling rate 5-10 min./ft.
8050' - 8060'	Dolomite, grey, microcrystalline to cryptograined rare drusy surfaces indicate trace of microvug porosity, no stain, no cut, no gas. Trace green shale as previously described.
8060' - 8070'	Dolomite, as above to buff, tight, trace shale as above.
8070' - 8080'	Dolomite, grey to buff, very rare trace pin point porosity.
8080' - 8090'	Dolomite, as above, tight, trace shale as above.
8090' - 8100'	As described.
8100' - 8110'	Dolomite, grey to buff, microcrystalline to cryptograined, scattered coarse clear and white calcite fragments from infilled vugs or veinlets.

8110' - 8120'	Dolomite, grey as above, some buff micro and cryptograined. Trace green shale.
8120' - 8130'	Dolomite, as above, trace drusy surfaces, trace calcite fragments and infilled veinlets or infilled fractures.
8130' - 8140'	Dolomite, as above. Traces grey shale. Dolomite pyritic in part.
8140' - 8150'	Dolomite, grey to tan as above, rare vug linings.
8150' - 8160'	Dolomite, as above, traces green grey shale.
8160' - 8170'	Dolomite, grey to light tan, microcrystalline to cryptograined, rare trace vug lining, trace shale.
8170' - 8180'	Dolomite, as above.
8180' - 8190'	Dolomite, grey to tan, microcrystalline and micritic, no porosity.
8190' - 8200'	As above, traces vug linings, faint trace grey earthy-marly dolomite.
8200' - 8210'	Dolomite, light grey, micro to cryptocrystalline, rare chips with crystal lined edges (rare microvugs), faint trace white, chalky to marly material (dolomite). Trace green grey shale as above. Drilling rate 11 min./ft.
8210' - 8220'	Dolomite, grey through tan and brown with strong trace Marlstone - light grey and some white chalky Marlstone, traces shale, green grey to medium grey. Drilling rate 11-22 min./ft. indicative of soft formation.
8220' - 8230'	Dolomite, grey, microcrystalline, with trace grey soft dolomite, trace marlstone as above.
8230' - 8240'	First sample after trip and hole problems (tight running in - reg. reaming) caved grey shale trace dolomite as above.
8240' - 8250'	Dolomite, light grey, microcrystalline with sparse cryptograined, tight. 40% cavings as above. Trace pyrite inclusions in dolomite, traces green grey pyritic shale as above.
8250' - 8260'	Dolomite, as above. No porosity or shows. Drilling rate 5-7 min./ft.
8260' - 8270'	Dolomite, light grey to tan, microcrystalline to cryptograined. Faint trace green grey shale with pyrite inclusions.
8270' - 8280'	Dolomite, grey and tan as above, vague trace pin point porosity, no gas, no stain, no cut in chlorothene.
8280' - 8290'	Dolomite, as above, crystallinity as above, occassional tiny microvug, no fluorescence (mineral only), no cut, no indication gas on analyzer.
8290' - 8300'	Dolomite, buff to cream, microcrystalline, with occasional rare microvug , no shows. Drilling rate 9 min./ft.
8300' - 8310'	Dolomite, grey, microcrystalline, to cryptograined, rare trace pin point porosity, slightly pyritic in part. Slow drilling indicates dense formation.

8310' - 8320'	Dolomite, grey, as described.
8320' - 8330'	Dolomite, grey, microcrystalline, rare microvug as above. No shows.
8330' - 8340'	Dolomite, grey to tan, microcrystalline, some cryptocrystalline, tight.
8340' - 8350'	Dolomite, as above. Drilling rate 8-10 min./ft.
8350' - 8360'	Dolomite, grey, microcrystalline, minor pyrite, rare drusy edges. No shows.
8360' - 8370'	Dolomite, light grey as above, microcrystalline, dense, no shows.
8370' - 8380'	Dolomite, grey, as above. Drilling rate 9 min./ft.
8380' - 8390'	Dolomite, grey to tan, microcrystalline to cryptograined, faintly limey in part, rare tiny microvugs.
8390' - 8400'	Dolomite, light grey, micrograined as above, trace pyrite.
8400' - 8410'	Dolomite, as described above.
8410' - 8420'	Dolomite, as above to tan, dense, traces pyrite. Rare laminations green grey pyritic shale.
8420' - 8430'	Dolomite, as above, grey to tan, trace silty in part, shale laminations as above.
8430' - 8440'	Dolomite, grey to tan, microcrystalline, traces silty, some pyrite inclusions, occasional microvugs and drusy surfaces, no show. Drilling rate 8-12 min./ft.
8440' - 8450'	Dolomite, grey to tan, microcrystalline to micritic, hard, tight, faintly silty in part.
8450' - 8460'	Dolomite, as above, faintly silty with some hard siliceous in part.
8460' - 8470'	Dolomite, grey to tan, pyritic in part, dense. Traces infilled hairline fractures.
8470' - 8480'	Dolomite, tan to light and midbrown, microcrystalline and micritic in part, hard, silty to siliceous, tight, some white calcite vein or vug infilling.
8480' - 8490'	Dolomite, light grey to grey brown, microcrystalline, rare scattered chips with traces of bitumen plugged pin point porosity. No stain, no cut, no gas. Rare green shale, as above. Dolomite faintly silty and argillaceous in part. Traces white calcite and quartz vug and vein or fracture fill.
8490' - 8500'	Dolomite, as above, some very fine crystalline, tight with scattered coarse white to clear calcite and quartz veinlet and vug infilling. Drilling rate 6-7 min./ft.
8500' - 8510'	Dolomite, as above, with some clear and white quartz and calcite as vug or fracture infilling. No shows.
8510' - 8520'	Dolomite, greys and browns as above, with calcite and quartz, vug or fracture infilling as above. No shows of hydrocarbon. Drilling rate 9.2 min./ft.

8520' - 8530'	Dolomite, as described, rare pin point vug, no stain, fluorescence or cut. Drilling rate 7-10 min./ft.
8530' - 8540'	Dolomite, brownish grey, microcrystalline, traces very fine crystalline, coarse fragments infilling calcite as above.
8540' - 8550'	Dolomite, as described, with some white calcite and/or vug lining. Rare quartz crystals.
8550' - 8560'	Dolomite, grey brown to light brown, microcrystalline, tight with traces calcite as above.
8560' - 8570'	Dolomite, as described.
8570' - 8580'	Dolomite, brown micro to very fine crystalline, tight, with white calcite vug and/or fracture filling as above. Drilling rate 8 min./ft.
8580' - 8590'	Dolomite, grey to medium brown, micro to very fine crystalline in part, argillaceous in part, some calcite vein filling as above.
8590' - 8600'	Dolomite grey to medium brown, microcrystalline, argillaceous in part, trace vein or vug filling.
8600' - 8610'	Dolomite, grey to medium brown, microcrystalline, dense.
8610' - 8620'	Dolomite, as above, argillaceous.
8620' - 8630'	Dolomite, medium brown, microcrystalline. dense, traces white calcite vein or fracture filling, traces green grey pyritic shale and grey marlstone.
8630' - 8640'	Dolomite, light grey, micro with some very fine crystalline, traces brown dolomite as above, rare drusy surfaces. Traces shale laminations.
8640' - 8650'	Dolomite, light grey, microcrystalline, tight.
8650' - 8660'	Dolomite, light grey, microcrystalline, rare trace drusy surfaces.
8660' - 8670'	Dolomite, as above, occasional drusy surface. Rare white calcite and clear quartz vug or fracture lining, no shows.
8670' - 8680'	Dolomite, grey as above, rare and scattered microvugs and drusy surfaces indicates trace microvug porosity, no fluorescence, no cut, no gas. Drilling rate 6-8 min./ft.
8680' - 8690'	Dolomite, grey, microcrystalline, tight. Drilling rate 9 min./ft.
8690' - 8700'	Dolomite, grey to light brown, microcrystalline, no porosity, slightly argillaceous. Drilling rate 9-10 min./ft.

8700' - 8710'	Dolomite, light brown, microcrystalline, trace of white calcite fracture and/or vug filling, slightly argillaceous, some grey as above.
8710' - 8720'	Dolomite, light grey to medium brown, as above.
8720' - 8730'	As described, tight. Drilling rate 12 min./ft.
8730' - 8740'	Dolomite, grey to light grey brown, microcrystalline, slightly argillaceous, some white calcite vein or fracture filling, no open vugs. Trace grey chert.
8740' - 8750'	Dolomite, as above. White and milky coarse calcite fragments from infilled fractures or vugs common, trace of grey chert.
8750' - 8760'	Dolomite, grey, microcrystalline, dense, faint trace grey chert. 50% uphole cavings, 1st sample after trip.
8760' - 8770'	Dolomite, grey to grey brown, microcrystalline, slightly argillaceous in part, scattered coarse white calcite fragments and crystals from infilled vugs and/or fractures.
8770' - 8780'	Dolomite as above, traces grey chert.
8780' - 8790'	Dolomite, grey to grey brown, microcrystalline with calcite fragments as above.
8790' - 8800'	Dolomite, grey brown, microcrystalline, slightly argillaceous, faintly silty in part, coarse white calcite fragments as above, common. Trace sandstone, grey dolomitic, very fine, slightly glauconitic (in place?) Some shaker grease contamination.
8800' - 8810'	Dolomite, grey brown, slightly silty and argillaceous as above, with white calcite, with milky and clear quartz, vug or fracture filling. No open vugs or intercrystalline porosity. Drilling rate 8-10 min./ft.

8810' - 8820'	Dolomite, grey brown, micro crystalline as above, with calcite and quartz fracture and/or vug filling. More grey chert.
8820' - 8830'	Dolomite as above. Slightly limey. Rare drusy surfaces.
8830' - 8840'	Dolomite, grey brown to medium brown, trace tan, microcrystalline, slightly argillaceous and silty, rare trace tan chert, some calcite and quartz fracture or vein infilling.
8840' - 8850'	Dolomite as above, slightly argillaceous. Fair trace grey to brown chert (some fossiliferous and easily observed wet).
8850' - 8860'	Dolomite, medium brown with some light grey, microcrystalline, argillaceous. Traces pyrite and shale (green & grey) laminations. Calcite and quartz fracture or vug filling as above.
8860' - 8870'	Dolomite, grey with some brown, micro crystalline, dense, traces pyrite.
8870' - 8880'	Dolomite, grey with some brown and grey brown, microcrystalline faintly argillaceous in part.
8880' - 8890'	Dolomite, as described, faint trace chert, traces calcite fracture or vug filling as above.
8890' - 8900'	Dolomite, light grey and light to medium brown, microcrystalline, traces calcite fracture or vug filling, slightly argillaceous in part. Rare chert, some grey soft, non porous dolomite.
8900' - 8910'	Dolomite, grey to brown as above.
8910' - 8920'	Dolomite, light grey, soft, sucrosic in part to light brown as above. Faintly argillaceous in part.
8920' - 8930'	Dolomite, medium grey brown to light grey, microcrystalline, slightly argillaceous in part, slightly calcareous in part, traces pyrite and vein or vug filling as above.
8930' - 8940'	First sample after trip. Dolomite as above and shale.
8940' - 8950'	60% caved shale after trip and dolomite as above.
8950' - 8960'	Dolomite, medium grey brown to grey microcrystalline, slightly argillaceous.
8960' - 8970'	Dolomite, as above.
8970' - 8980'	Dolomite, grey brown and grey, microcrystalline as above, rare drusy surface, some calcite vein or fracture filling, no open vugs or intercrystalline.
8980' - 8990'	Dolomite, as above, trace dark shale laminations, traces grey to tan chert. Good trace limestone, tan microcrystalline, dolomite.
8990' - 9000'	Limestone, buff and tan microcrystalline with traces broken fossil fragments and intraclast, dolomite, trace pyrite, with dolomite, brown, microcrystalline, argillaceous.

9000' - 9010'	Dolomite, grey to medium brown, microcrystalline, dense, argillaceous in part, with laminations dark grey to black, dolomitic and pyritic shale.
9010' - 9020'	Dolomite, medium brown with grey tint, microcrystalline, argillaceous, slightly limey in part, scattered calcite vein or vug filling with some grey microcrystalline dolomite. Some finely disseminated pyrite throughout.
9020' - 9030'	Dolomite, as above, dense, argillaceous with some grey dolomite, with traces pyrite, some thin grey shale laminations.
9030' - 9040'	Dolomite, as above, some shale laminations dark green grey to grey - some caved shale from trip.
9040' - 9050'	Dolomites, greys and browns as above, with laminations and thin part olive drab, pyritic shale.
9050' - 9060'	Dolomite, as above with 1-2 chips with reddish coloration. Shale laminations as above.
9060' - 9070'	Dolomite, brown and grey as above, traces shale as above.
9070' - 9080'	Dolomite, medium and dark brown some grey as above, laminations dark grey to black and olive drab shale.
9080' - 9090'	Dolomite, light grey to medium brown microcrystalline, dense, rare (1 or 2 spotted) drusy surfaces, argillaceous and slightly silty in part, traces pyrite, traces calcite and quartz fracture and or vug lining.
9090'- 9100'	Dolomite, grey and brown argillaceous to silty and pyritic as above calcite fracture or vug filling common, tight no shows. More heavy grease - combination pipe dope or off shales.
9100' - 9110'	Dolomite, light grey to grey brown and some dark brown, microcrystalline, silty in part, argillaceous to near shaley in part, finely pyritic as above, vein or vug filling white calcite common, some quartz filling. Thin black shale laminations.
9110' - 9120'	As above.
9120' - 9130'	Dolomite, grey to brown, microcrystalline as above, argillaceous, dense.
9130' - 9140'	Dolomite, brown to grey, microcrystalline, dense, argillaceous, as above.
9140' - 9150'	Dolomite, as above with some buff dolomite, very rare drusy surfaces, some white calcite vug or fracture filling, no open porosity observed.
9150' - 9160'	Dolomite as above, becoming near shaley in part.
9160' - 9170'	Dolomite, buff to medium brown, microcrystalline and slightly sucrosic in appearance, very argillaceous, some vug fracture filling as above.
9170' - 9180'	Dolomite as above to limestone, tan to brown, microcrystalline, dolomitic. Some white calcite fracture and vug filling as above.
9180' - 9190'	Limestone, tan to brown, microcrystalline with traces very fine fragmental, dolomitic, slightly argillaceous. Some dolomite as above.

9190' - 9200'	Limestone as above with dolomite, grey to brown, micro to very fine with trace fine crystalline, limey in part, argillaceous in part, tight.
9200' - 9210'	Limestone, tan to brown, dolomitic micro to very fine, some fragmental with some dolomite as above. No shows.
9210' - 9220'	Dolomite, tan to brown micro to very fine crystalline, slightly limey, faintly argillaceous with some fragmental, dolomitic limestone as above.
9220' - 9230'	Dolomite, grey through tan and light brown, microcrystalline to very fine with faint trace fine crystalline, rare pyrite inclusions. Faint and rare trace pin point bitumen plugging. Very rare drusy surface on chips. No show, no gas on analyzer.
9230' - 9240'	Dolomite, tan through light brown and grey, micro crystalline with some fine crystalline, tight, no visible porosity (20x), no fluorescence other than mineral, no cut, no gas. Drusy edges on very rare chips. Drilling rate, average 6 minutes per foot.
9240' - 9250'	Dolomite, light brown and tan, micro to very fine crystalline, rare hairline fractures, very rare drusy edges indicating trace very poor and questionable porosity, some white calcite and milky quartz vug and/or fracture filling, rare pyrite and chert inclusions. No stain, mineral fluorescence only, no cut, no gas on analyzer.
9250' - 9260'	Dolomite, as above, with questionable traces porosity as above. No shows.
9260' - 9270'	(circulated out) Dolomite, as above, faint trace questionable porosity as above, no shows, no gas.
9270' - 9280'	Dolomite, tan and brown to grey, micro through fine crystalline, soft in part, trace pyrite inclusions, some white calcite vug and fracture filling, drills 5 - 6 min./ft. No shows.
9280' - 9290'	Dolomite, as above, soft in part, no intercrystalline or vuggy porosity observed. Rare trace some bitumen along what appear to have been stylolite-like partings. No oil stain, no cut, no gas. 1 or 2 chips with grease.
9290' - 9300'	Dolomite, light brown and grey brown micro to very fine with some fine crystalline, some white calcite and traces quartz vug and/or fracture filling. Drilling rate 8 min./ft.
9300' - 9310'	Dolomite, as described, rare drusy chip edges indicate trace only questionable porosity, vug and fracture filling as above, no gas, no cut.
9310' - 9320'	Dolomite, with trace drusy edges as above, no oil show, no gas. Traces vug and fracture filling.
9320' - 9330'	Dolomite, tan to brown as above, micro through fine crystalline, rare drusy edges, vug and fracture filling as above, 1 or 2 chips with tiny microvugs, no staining, mineral fluorescence, no cut, no gas on analyzer. Drilling rate 6 min./ft.
9330' - 9340'	Dolomite, as above, micro to very fine crystalline, rare drusy surfaces indicating trace questionable vug porosity. Carried 1-2 units gas, no stain, mineral fluorescenc- only, no cut. Questionable and weak gas show. Drilling rate 6 min./ft.

9340' - 9350'	Dolomite, tan - light brown, micro to very fine crystalline, trace drusy surfaces, trace vug and fracture filling as above.
9350' - 9360'	Dolomite, tan and brown some light grey, micro to very fine, traces fine crystalline, rare drusy edges indicate trace questionable vug porosity. Some calcite and quartz vug or fracture filling. Scattered pyrite inclusions.
9360' - 9370'	Dolomite, as above, carrying 1 unit total gas.
9370' - 9380'	Dolomite, tan to light brown, micro to very fine crystalline, calcite, vein and vug filling as above. 0-1 unit total gas. Drilling rate 6-7 min./ft.
9380' - 9390'	Dolomite, as above, rare and scattered traces drusy edges, with vug and/or fracture filling as above, indicating trace only questionable vug porosity.
9390' - 9400'	Dolomite, as described, drilling rate 6 min./ft., carrying 1 unit gas, no stain or cut.
9400' - 9410'	Dolomite, brown, microcrystalline to very fine crystalline, slightly argillaceous, some white calcite vug and/or fracture fill. No shows.
9410' - 9420'	Dolomite, as described, with rare drusy edges, some with quartz crystals, trace only poor and questionable porosity. No cut, no gas.
9420' - 9430'	Dolomite, as above light brown, tight, no shows, no gas.
9430' - 9440'	Dolomite, light brown, micro to very fine crystalline, calcite vug and fracture filling as above, no shows.
9440' - 9450'	Dolomite light and medium brown, micro and very fine with some fine crystalline. No indications gas or oil. Tight, vug and/or fracture filling as above.
9450' - 9460'	Dolomite as above, rare and poor drusy edges as described, no gas, no stain, no cut.
9460' - 9474'	No sample depth correction - probably dolomite as above.
9474' - 9480'	Dolomite, light to medium brown, micro to very fine crystalline, faintly argillaceous in part. Traces calcite and rare quartz vug and/or fracture filling as above. No shows.
9480' - 9490'	Dolomite, as above, trace only drusy surfaces indicating trace questionable poor vug porosity. Calcite vug and fracture filling as above, with some quartz fragments and infilling.
9490' - 9500'	Dolomite, brown, micro to very fine crystalline with calcite and some quartz vug filling as above.
9500' - 9510'	Dolomite, as above, trace only drusy edges, indicating trace questionable vug porosity, no gas, no show.
9510' - 9520'	Dolomite, brown, micro and very fine crystalline, faintly argillaceous, faint trace grey chert. Calcite and some quartz vug and fracture filling as above.

9520' - 9530'	Dolomite, light to medium brown, micro to very fine crystalline, trace calcite fracture filling.
9530' - 9540'	Dolomite, as above, with calcite and quartz vug and fracture filling, slightly argillaceous. Faint trace,1 or 2 chips,brown chert.
9540' - 9550'	As above, rare trace poorly developed drusy edges, indicating questionable trace of vug porosity.
9550' - 9560'	Dolomite, brown to grey brown, microcrystalline to very fine, faintly argillaceous, with vug and fracture filling as above. Drilling rate 8 min./ft.
9560' - 9570'	As above.
9570' - 9580'	Dolomite, mid brown to grey brown, micro - very fine crystalline, slightly argillaceous, with calcite vug and fracture filling.
9580' - 9590'	Dolomite, as described with trace drusy edges indicating trace only vuggy porosity. No fluorescence or cut, 1 unit total gas. Drilling rate 5.5 min./ft.
9590' - 9600'	Dolomite, mid brown and grey brown, micro to very fine crystalline, with traces drusy edges indicating trace only vug porosity, very faint trace pin point (1 or 2 chips) no stain, 1 unit gas. Mineral fluorescence, no cut. Drilling rate 5.5 min./ft.
9600' - 9605'	Dolomite, as above to grey, trace of drusy edges indicating trace vug porosity. No stain or cut, 1 unit total gas, no show.
9605' - 9610'	Dolomite, grey - grey brown, micro to very fine crystalline, scattered drusy edges and rough broken chips indicate 1% vug porosity, no gas on analyzer, no fluorescence, no cut. Drilling rate 5.2 min./ft.
9610' - 9615'	Dolomite, grey to grey brown as above, trace drusy edges, indicating trace questionable poor vuggy porosity, no gas, no stain or cut. Drilling rate 4.5 min./ft. Very faint trace pin point porosity.
9615' - 9620'	(circulated out) Dolomite, light grey, some brown, microcrystalline to very fine crystalline with trace drusy edges as above, indicating trace vuggy porosity. Drilling rate 4.4 min./ft. No gas, no show.
9620' - 9630'	Dolomite, light grey, micro to very fine crystalline, traces fine, very rare and scattered drusy edges as above, some calcite and quartz vein or vug filling.
9630' - 9640'	Dolomite, as above, to grey brown, with calcite vug and/or fracture filling.
9640' - 9650'	Dolomite, light grey traces light brown,micro to very fine crystalline, trace drusy surfaces, trace chert, some calcite and quartz vug and fracture filling.
9650' - 9660'	Dolomite, as above. Calcite vug filling with quartz fragments and crystals, some drusy surfaces indicating trace only vug porosity, no cut, drilling rate 10.4 min./ft. Trace brown oily appearing material with blue white fluorescence but no cut.

9660' - 9670'	Dolomite, light grey to grey brown, micro to very fine crystalline. Quartz and calcite vug and fracture filling common.
9670' - 9680'	(Left in hole over trip) Dolomite, as above, quartz and calcite vug and fracture fill as above. Rare drusy edges indicating trace only vug porosity. No shows, caved shale. Very rare trace grey chert.
9680' - 9690'	Dolomite, as above (sample poor due to fill, reaming and caving) faint trace of tan chert.
9690' - 9700'	Dolomite, grey through grey brown and tan, primarily microcrystalline with some very fine crystalline, traces quartz and calcite as above. Trace grey green shale laminations.
9700' - 9710'	Dolomite, tan, through grey and grey brown, microcrystalline, traces quartz and calcite vug and fracture filling, very faintly silty.
9710' - 9720'	Dolomite as above, quartz vug and/or fracture filling.
9720' - 9730'	Dolomite, tan and buff, microcrystalline rare drusy edges, indicating trace only questionable vuggy porosity. Trace quartz as above.
9730' - 9740'	Dolomite, buff to grey, microcrystalline with milky - clear quartz vug and fracture lining and scattered drusy edges and broken quartz crystals indicating trace of very poor vug porosity, no shows. Drilling rate 4-6 min./ft. due partially to increase in rotary speed.
9740' - 9750'	Dolomite, as above, with milky to clear quartz vug and/or fracture filler common, broken quartz crystals numerous, indicating trace of vug porosity. No gas, or oil show.
9750' - 9760'	Dolomite, as above with abundant milky and clear quartz, fracture and/or vug lining, indicating some vug porosity - no show, no gas. Drilling rate 4 - 5 min./ft.
9760' - 9770'	Dolomite tan to brown, micro to very fine crystalline with quartz fracture fill and vug? lining as above, indicating some vug porosity. Drilling rate 4.4-4.6 min./ft.
9770' - 9780'	Dolomite, as above, with quartz infill and crystals, indicating possible vug and fracture porosity of undeterminal percent.
9780' - 9790'	Dolomite, light brown, microcrystalline to very fine crystalline, tight with trace of drusy edges indicating some vug porosity, 20% of sample coarse angular milky to clear glassy quartz, indicating filled or partially filled vugs and fractures, no gas (1 unit), no staining or cut. If porous difficult to estimate percent. Drilling rate 5-6 min./ft.
9790' - 9800'	Dolomite, light brown, microcrystalline and very fine as above, trace drusy edges. 35-30% milky to clear quartz vug and/or fracture filling and/or lining as above. No gas, no oil fluorescence, no cut. If porous percentage difficult to estimate. Drilling rate 5.2-6 min./ft.
9800' - 9810'	Dolomite as above with 15% quartz fragments and crystals as above, some vein or fracture infilling, scattered pyrite inclusions in quartz as above. Possibly porous as above, no shows.

9810' - 9820'	Dolomite, light brown, microcrystalline to very fine crystalline, with strong trace vug and fracture filling and drusy edges as above, no shows.
9820' - 9830'	Dolomite, tan to light brown, microcrystalline with traces vug and fracture filler and rare drusy edges as above. Trace grey chert.
9830' - 9840'	Dolomite, as above, with trace drusy edges and traces quartz as above, trace grey to tan chert. Trace pyrite inclusions in quartz.
9840' - 9850'	Dolomite, light brown, micro to very fine crystalline, faint trace brown chert, rare trace drusy surfaces. Caved grey shale.
9850' - 9860'	Dolomite, light tan and brown, micro and very fine crystalline, rare chert fragments as above, rare black argillaceous to bituminous inclusions or partings. Excessive caved grey shale from trip.
9860' - 9870'	Dolomite, light brown to grey, micro to very fine crystalline with some fine crystalline with grey, shaley inclusions and infilling between crystals giving mosaic effect. Trace pyrite, rare chert, some fracture filling quartz as above.
9870' - 9880'	Dolomite, grey to cream and light brown, micro through fine crystalline, tight, with dark grey argillaceous to shaley infilling and inclusions in part as above. Traces fracture filling quartz, no shows. Drilling rate 5.2 min./ft.
9880' - 9890'	Dolomite, as above. Drilling rate 6.4 min./ft.
9890' - 9900'	Dolomite, grey, cream and brown, micro to fine crystalline, tight, some argillaceous inclusions and infilling. Traces drusy edges and fractures and/or vug filling quartz. No shows. Drilling rate 6.2 min./ft.
9900' - 9910'	Dolomite, creamy grey, micro to fine crystalline, tight, rare trace fracture filling quartz, faint trace drusy edges, 1 or 2 chips observed with rare pin point porosity. No gas, no oil stain or cut. Drilling rate 6.5 min./ft.
9910' - 9920'	Dolomite, as above, rare and scattered chips with faint trace pin point porosity. No gas, oil stain or cut.
9920' - 9932'	(circ. sample) Drilling break from 6 min. to 2 and 3 min./ft. 9925-9932' - most of sample lost when mud flooded over - however, no gas on analyzer. Dolomitic as above with trace pin point porosity, no oil stain, mineral fluorescence, no oil cut.
9932' - 9940'	(circ. out drilling rate 2-4 min./ft.) No gas on analyzer during complete circulation. Dolomite, creamy tan and brown, very fine and fine crystalline, scattered traces of pin point porosity, traces of drusy edges, some quartz as described, indicating traces vug porosity. Grab samples off shaker give some soft white chalky carbonate - washes out. No oil show, no cut.
9940' - 9950'	Dolomite, cream grey, micro to fine crystalline, with traces drusy edges and clear, vug or fracture filling quartz, very rare trace of very fine intercrystalline and pin point porosity. No stain, no cut, no gas on analyzer. Drilling rate of 2.8 - 2.6 min./ft. indicates good porosity - possibly fractured as evidence porosity poor in samples.

9950' - 9960'	Dolomite, creamy grey as above, with traces drusy edges and quartz vug and/or fracture lining would indicate traces poor vuggy porosity. Traces of pyrite, rare chip chert. No gas on analyzer, no stain, no cut. Drilling rate 2 min./ft., indicates good porosity - possibly fractured.
9960' - 9970'	Dolomite, as above, trace porosity as above in sample, no gas, no oil stain or cut. Drilling rate 2.5 - 3.6 min./ft. indicates fair porosity as above (fracture and vug?)
9970' - 9980'	Dolomite, as above, scattered drusy edges and rare pinpoint and intercrystalline (very fine) indicates poor porosity. Drilling rate 3.2 - 2.8 indicates good porosity. Rare white chalky material. No shows.
9980' - 9990'	Dolomite, as above, with indications porosity as above, no shows.
9990' - 10000'	Dolomite, creamy grey micro to fine crystalline with some white chalky material. Traces of drusy edges indicate trace vuggy porosity, faint trace very fine intercrystalline porosity. No shows, gas or oil. Trace shaker grease contamination. Drilling rate 3.4 - 2.8 min./ft.
10000' - 10010'	Dolomite creamy grey, as above with traces and indications porosity as described - slightly stronger trace intercrystalline porosity. Dolomite very clean and pure. No gas, no oil stain, no cut. Drilling rate 1.8 - 3.0 min./ft.
10010'- 10020'	Dolomite, as above, with vug filling quartz and traces porosity as above. No shows. Drilling rate 3.1 min./ft.
10020' - 10030'	Dolomite, grey as above, micro to fine crystalline, trace intercrystalline with good trace drusy edges and vug filling quartz as described. No gas, no stain, no cut. Drilling rate 3.2 min./ft.
10030' - 10040'	Dolomite, as above, traces porosity as above. Drilling rate 2.2 - 2.4 min./ft. No gas on analyzer, mineral fluorescence only, no cut.
10040' - 10050'	Dolomite, as previously described, traces of porosity as above. No gas on analyzer, no stain, no cut. Drilling rate 2.4 - 2.2 min./ft.
	NOTE: Porosity of interval 9925' - 10050' visually never rises above good to strong traces of rare and scattered very fine intercrystalline or pin point with traces drusy edges and vug or fracture filling quartz. Best indicator of porosity (estimated maximum 5%) is drilling rate and this could be partly due to bit action.

SECTION III - ENGINEERING SUMMARY

(a) Drill Stem Tests

DST No. 1

Ronning 9941' - 10,066'

Tool Open	5 minutes
ISI	60 minutes
Tool Open	30 minutes
FSI	120 minutes
IHP	4683 psi
IFP	330 psi
ISI	4509 psi
FFP	643 psi
FSI	4337 psi
FHP	4572 psi

Recovered 220' Drilling Fluid
825' Salt Water

(b) Casing Record

Size	Weight	Grade	Joints	Where Set	Amount	Type	Condition
13-3/8	48#/ft	K-55	10	322 KB	304.35	S & L	A
9-5/8	36#/ft	K-55	39	1202 KB	1204.14	Mann	A

Cemented With

13-3/8 1300 sax cement.
9-5/8 324 Permafrost, 352 Construction cement.

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technical report

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TEST DATA

Type of Test	Open hole, bottom hole				
Time Started in Hole	1630	Hrs	Tool Opened	0020	Hrs.
First Flow	5	Min.	Initial Shut-In	60	Min.
Second Flow	30	Min.	Second Shut In		Min.
Third Flow		Min	Final Shut In	120	Min.
Pulled Loose @	0400	Hrs.	Out of Hole	0830	Hrs
Wt. Set/on Packers	35,000	=	Pulled Loose Wt.	10,000	=

Description of Blow During Test: Fair initial puff decreasing to nil in 30 minutes.

FLUID RECOVERY

Was Test Reverse Circulated Yes ☐ No ☒

Total Fluid Recovered	1045'	Ft.
Description of Fluid Recovered	220' Drilling fluid	
	825' Salt water	

GAS BLOW MEASUREMENT

Measured With I.D. Riser

Time	Sfce. Choke	Reading psi inches	M. Cubic Feet/Day
			NIL

TOOL SEQUENCE

Tool	Length	O.D.
Lee Jars		
P.O. Sub	1.00	
D.P. Sub	1.00	
VEP Tool	9.10	
Bypass Tool	2.55	
Safety Joint	1.75	
S.S. & Packer	9.20	7 3/4"
T.C. & Packer	5.40	7 3/4"
Total	30.00	
Stub	1.00	
Perfs	17.00	
Recorder	4.40	
Recorder	4.40	
Sub	1.00	
Drill Collar	95.16	
Sub	1.00	
B.N.	.70	
Total Interval	124.66	
TOTAL LENGTH	154.66	

Elevation G.L. N/A K.B. N/A

Bottom Hole Choke Size 1/2"

Fluid Cushion Type Nil Amt.

MUD AND HOLE DATA

Mud Type	Gel Palm	W.L.	5.0
Filter Cake	2/32	Visc. 87	Wt. 9
Time Taken			
Contractor	S & T Drilling	Rig No.	1 E
Drill Pipe Size	3½" IF &	3½" FH	
Drill Collar Size	2 7/8" ID &		
Drill Collar Length	400' &		
Main Hole Size	8 3/4"	Rat Hole	

REMARKS: Test Satisfactory.
No prints made on AK1-4371, clock stopped.

RESISTIVITY			SALT CONTENT	
Recovery Water	@	°F.	133,000	ppm.
Mud Pit sample filtrate	@	°F.		ppm.

District Inuvik Ticket No D07029 Date July 15, 1972 Test No 1 J.T. No. 1

Company Skelly Oil of Canada Ltd. Address 800 Calgary House

Well Name Skelly-Getty-Amoco Ft. McPherson C-78 550-6th Ave. S.W. Calgary, Alberta

Number 67° 37' 04" 134° 14' 20" Field Wild Cat Province N.W.T.

Formation Tight Hole Thickness Co. Rep. Jack Lischka

Interval 9941 - 10066 T.D. 10066 Technician Niel Young

Distribution of Reports 5 - Calgary Attention: T. Piper

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... CALGARY 24 ALBERTA • PH 255-1151
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TEST DATA

Type of Test	Open hole, bottom hole				
Time Started in Hole	1630	Hrs	Tool Opened	0020	Hrs.
First Flow	5	Min.	Initial Shut-In	60	Min.
Second Flow	30	Min.	Second Shut In		Min.
Third Flow		Min	Final Shut In	120	Min.
Pulled Loose @	0400	Hrs	Out of Hole	0830	Hrs
Wt. Set/on Packers	35,000	=	Pulled Loose Wt.	10,000	=

Description of Blow During Test: Fair initial puff decreasing to nil in 30 minutes.

FLUID RECOVERY

Was Test Reverse Circulated? Yes ☐ No ☒

Total Fluid Recovered	1045'	Ft.
Description of Fluid Recovered	220' Drilling fluid	
	825' Salt water	

GAS BLOW MEASUREMENT

Measured With I.D. Riser

Time	Sfce. Choke	Reading psi inches	M Cubic Feet/Day
			NIL

REMARKS: Test Satisfactory.
No prints made on AK1-4371, clock stopped.

RESISTIVITY			SALT CONTENT	
Recovery Water	@	°F.	133,000	ppm.
Mud Pit sample filtrate	@	°F.		ppm.

TOOL SEQUENCE

Tool	Length	O.D.
Lee Jars		
P.O. Sub	1.00	
D.P. Sub	1.00	
VEE Tool	9.10	
Bypass Tool	2.55	
Safety Joint	1.75	
S.S. & Packer	9.20	7 3/4"
T.C. & Packer	5.40	7 3/4"
Total	30.00	
Stub	1.00	
Perfs	17.00	
Recorder	4.40	
Recorder	4.40	
Sub	1.00	
Drill Collar	95.16	
Sub	1.00	
B.N.	.70	
Total Interval	124.66	
TOTAL LENGTH	154.66	

Elevation G.L. N/A K.B. N/A
Bottom Hole Choke Size ¼"
Fluid Cushion Type Nil Amt.

MUD AND HOLE DATA

Mud Type Gel Palm W.L. 5.0
Filter Cake 2/32 Visc. 87 Wt. 9
Time Taken
Contractor C.S.&T. Drilling Rig No. 1 E
Drill Pipe Size 3½" IF & 3½" FH
Drill Collar Size 2 7/8" ID &
Drill Collar Length 400' &
Main Hole Size 8 3/4" Rat Hole

District Inuvik Ticket No. D07029 Date July 15, 1972 Test No. 1 J.T. No. 1
Company Skelly Oil of Canada Ltd. Address 800 Calgary House
Name Skelly-Getty-Amoco Ft. McPherson G-78 550-6th Ave. S.W. Calgary, Alberta
Number 67° 37' 04" 134° 14' 20" Field Wild Cat Province N.W.T.
Formation Tight Hole Thickness Co Rep. Jack Liechka
Interval 9941 - 10066 T.D. 10066 Technician Mel Young
Distribution of Reports 5 - Calgary Attention: T. Piper

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D07029

PRESSURE DATA

INSTRUMENT No.		AK1-4371	AK1-1600			
CAPACITY (psig)		7400	6950			
INSTRUMENT DEPTH FT.		9959	9964			
INSTRUMENT OPENING		Outside	Outside			
WELL TEMP. °F. 182						
INITIAL HYDROSTATIC	A	No	4683#			
FIRST FLOW	B	Pressures	170#			
	B-1	Available	330#			
INITIAL SHUT-IN	C		4509#			
SECOND FLOW	D		333#			
	D-1		643#			
SECOND SHUT-IN	E					
THIRD FLOW	F					
	F-1					
FINAL SHUT-IN	G		4337#			
FINAL HYDROSTATIC	H		4572#			

REMARKS:

FLUID SAMPLE REPORT

Sample No.
Type
Depth
Volume

Sample Pressure:
psig. at Surface
Gravity API @ °F
Gas/Oil Ratio Cu.Ft./bbl.

Recovery:
Cu. Ft. Gas
cc. Oil
cc. Water
cc. Mud
Total Liquid cc.

PRESSURE INCREMENTS ON RECORDER

POINT MINUTES	PRESSURE	$\frac{T + \Delta t}{\Delta t}$	POINT MINUTES	PRESSURE	$\frac{T + \Delta t}{\Delta t}$	POINT MINUTES	PRESSURE	$\frac{T + \Delta t}{\Delta t}$

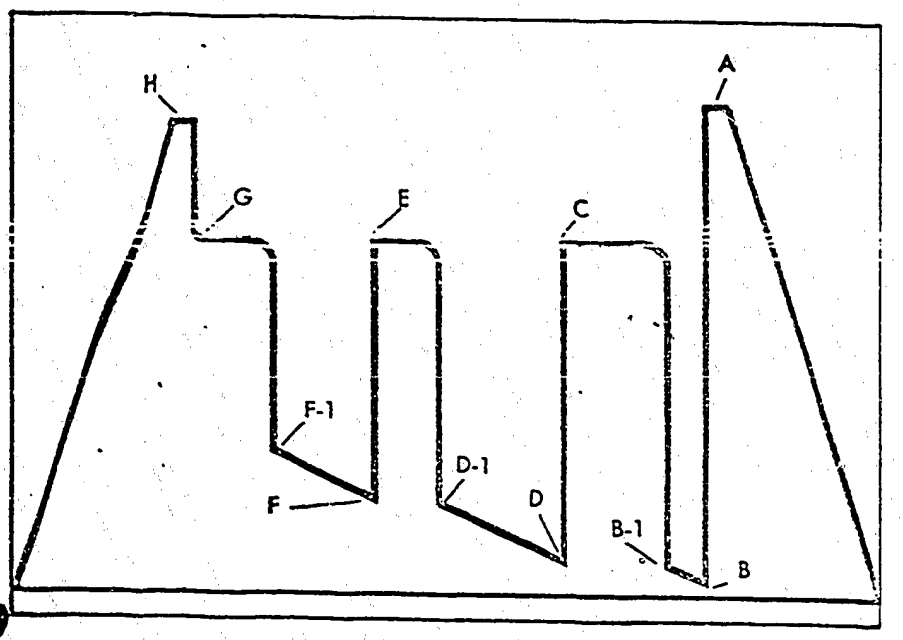
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JOHNSTON TESTERS 321 50TH AVENUE S.E. - CALGARY 24, ALBERTA - PH. 255-1151

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GUIDE TO IDENTIFICATION OF DRILL STEM TEST PRESSURE CHARTS

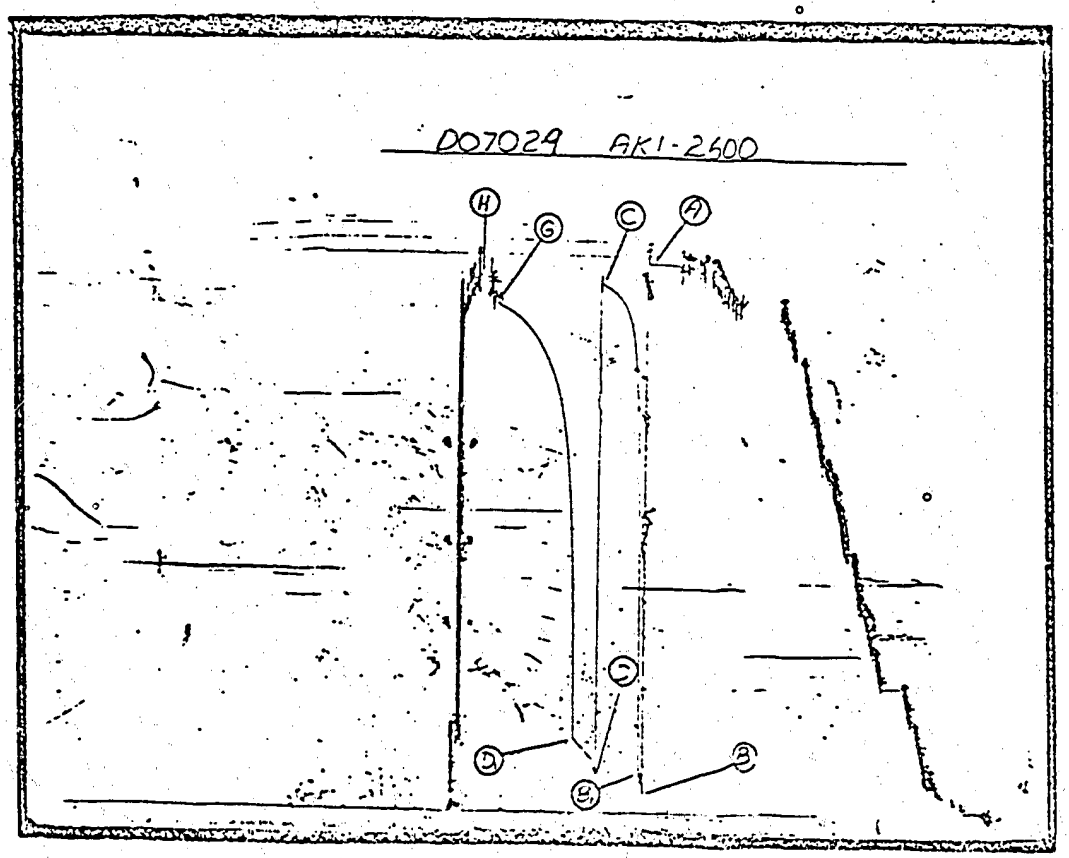
FIELD REPORT NO.	RECORDER NO.
D07029	AK1-2600



A. Initial Hyd. Mud
B. First Flow
C. Initial Shut-In
D. Second Flow
E. Second Shut-In
F. Third Flow
G. Final Shut-In
H. Final Hyd. Mud

The following points are either fluctuating pressures or points indicating other packer settings (testing different zones).

A-1, A-2, A-3, etc. Initial Hyd. Pressures
Z — Special pressure points such as pumping pressures recorded for formation breakdown.



(c) Bit Record

NO.	MFG	TYPE	SIZE	IN	OUT	FTG	HRS.
1A	Security	M4NG	12-1/4	39	125	86	10-1/2
2A	Security	M4LG	12-1/4	125	226	101	12-1/2
3A	Security	M4LG	12-1/2	226	345	119	12-3/4
4A	Smith	STC	17-1/2	39	321	282	12
RR 3A	Security	M4LG	12-1/4	322	322	0	5-1/4
5A	Hughes Western	OSC3A	12-1/4	322	748	426	24
6A	" "	OSC3A	12-1/4	748	1038	290	27-3/4
7A	Security	54T-J	12-1/4	1038	1200	162	16-1/4
1	Hughes Western	X1G	8-3/4	1200	1533	332	19
2	" "	X1G	8-3/4	1533	1786	253	13-1/2
3	Security	DSJ	8-3/4	1786	2251	465	27
RR #1	Hughes Western	X1G	8-3/4	1786	1786	0	3/4
4	Security	DSJ	8-3/4	2251	2525	274	22
5	Hughes Western	J33	8-3/4	2525	3719	1194	98
6	" "	J33	8-3/4	3719	3821	102	10-1/2
7	Security	DMJ	8-3/4	3821	4019	198	23-1/4
RR# 6	Hughes Western	J33	8-3/4	4019	4613	594	59-1/2
8	Security	DMJ	8-3/4	4613	4786	173	28-1/2
9	Smith	4JS	8-3/4	4786	4851	165	25-1/2
10	Security	DSJ	8-3/4	4951	4951	0	0
11	Security	DSJ	8-3/4	4951	5140	189	32-1/2
12	Security	M44N	8-3/4	5140	5460	320	51
13	Security	DSS	8-3/4	5460	5959	499	63
14	Security	DSJ	8-3/4	5959	6220	261	33
15	Hughes Western	XDV	8-3/4	6220	6334	114	16-1/2
16	" "	J-44	8-3/4	6334	7161	827	96
17	Security	M-88	8-3/4	7181	7472	291	53
RR#2	Hughes Western	X1G	8-3/4	7161	7181	20	4-1/2
18	Hughes Western	J-44	8-3/4	7472	8233	761	128-3/4
19	" "	J-44	8-3/4	8233	8754	521	86-1/2
20	" "	X-55R	8-3/4	8754	8937	183	32-1/4
21	" "	J-55	8-3/4	8937	9029	82	16-1/2
22	Murphy	FBC M5	8-3/4	9029	9462	433	56
23	Hughes Western	J-44	8-3/4	9462	9681	219	28-3/4
24	Security	S-88	8-3/4	9681	9850	169	18-3/4
25	Security	M-88	8-3/4	9850	10050	200	14-1/4

(d) Mud Report

The mud system used was a fresh-water-gel system composed of approximately

(a) 1800 sax gel
(b) 3000 lbs. caustic soda and small amounts of various mud additives.

(e) Deviation Record

Depth	Deviation	Depth	Deviation	Depth	Deviation
60	1/2	2763	7/8	4972	2-1/2
130	2/3	2858	1	5004	2-1/8
197	7/8	2961	1	5067	1-3/4
236	7/8	3046	3/4	5130	1-1/2
286	3/4	3138	1-1/8	5199	1-1/16
345	1/4	3211	1	5259	1-1/8
387	1/8	3304	1	5320	1-1/4
455	1/8	3398	1-1/2	5353	1-1/8
546	1/8	3462	1-5/8	5417	1-3/4
633	1/4	3525	1-1/2	5504	1-3/4
714	1/8	3588	1-1/2	5567	1-1/2
872	1/8	3648	1-5/8	5598	1-1/8
976	5/8	3710	1-3/4	5662	1
1038	7/8	3751	1-3/4	5723	1
1093	3/4	3783	1-3/4	5785	1
1156	5/8	3815	2	5849	1
1200	5/8	3851	1-3/4	5911	1-1/16
1270	1/2	3880	1-7/8	5942	15/16
1333	1/2	3913	1-1/4	6005	3/4
1406	5/8	3978	1-1/2	6069	3/4
1469	3/4	4010	3/4	6132	1-5/8
1530	1-1/4	4019	3/4	6163	1-5/8
1601	1	4067	3/4	6220	1-3/8
1670	1-1/8	4162	1-1/2	6230	1-3/4
1732	1-1/2	4194	1-1/8	6262	1-1/2
1803	1	4224	1-1/8	6293	1-1/4
1835	7/8	4286	1-1/2	6334	1-1/4
1867	1	4318	1-1/8	6356	1
1898	1	4382	1-3/4	6419	1-1/8
1972	1-3/8	4414	1	6482	7/8
2003	1	4476	1-3/4	6575	7/8
2034	1-1/4	4528	1-5/8	6668	5/8
2056	7/8	4590	1-3/4	7106	2-3/4
2119	1	4655	1-5/8	7161	2-3/8
2190	1-1/8	4718	2-1/8	7213	2
2251	1	4750	1-7/8	7272	2-3/4
2306	1	4813	1-7/8	7338	3-1/2
2411	7/8	4823	2	7370	4
2495	3/4	4875	2-1/4	7400	4-1/2
2585	3/4	4906	2-3/8	7432	4-3/4
2679	3/4	4939	2-3/4	7460	4-7/8

(e) Deviation Record

Depth	Deviation	Depth	Deviation
7484	4-7/8	8480	3
7515	4-7/8	8543	3-1/4
7545	4-3/4	8575	3
7576	4-7/8	8637	8-1/16
7640	4	8700	3-7/8
7700	4	8731	3-3/4
7730	4	8750	3-1/16
7765	3-1/8	8825	3-1/4
7797	3-1/2	8856	3-1/16
7828	3-3/4	8919	3-1/2
7860	3-1/2	8952	3-1/2
7890	3	9015	3-15/16
7922	3	9056	3-7/8
7985	2-1/2	9087	3-7/8
8050	2-1/2	9150	3-1/2
8111	2-1/4	9212	3-1/2
8173	2-1/2	9307	3-3/8
8233	2-1/2	9401	3-3/8
8293	2-3/4	9460	3-1/2
8385	2-3/4	9573	3-1/2
8416	2-7/8	9680	3-1/2
		9850	3-1/4
		10050	2-3/4

(f) Abandonment Plugs

No.	Interval	Material
1	10,066'-9,900'	90 sacks Construction cement
2	6,700'-6,600'	60 sacks Construction cement*
3	1,150'-1,250'	125 sacks Construction cement** plus 2% $CaCl_2$. WOC 7 hours felt plug with 18,000# Wt.
4	Surface	5 sacks Construction cement

(g) Lost Circulation

No reported lost circulation.

(h) Report of Blow-Outs

None.

* Felt Plug #2 at 6552'
** Felt Plug #3 at 1082'

SECTION IV LOGS (Copy of each attached)

April 22, 1972

1.	Borehole Compensated Sonic Log	1201'	to	322'

July 14 and July 15, 1972

1.	Dual Induction Laterolog	TD	to	1200'
2.	Borehole Compensated Sonic Log	TD	to	1200'
3.	Formation Density Log	TD	to	1200'
4.	Sidewall Neutron Porosity Log	TD	to	1200'

April 7, 1972 to July 13, 1972

1. Barroid PPM Log

SECTION V ANALYSIS

(a) Core Analysis

None

(b) Water Analysis

One analysis report attached

(c) Gas Analysis

One analysis report attached

(d) Oil Analysis

None

FLUID ANALYSES

FOR

SKELLY OIL OF CANADA LTD.

SKELLY–GETTY–AMOCO FT. MCPHERSON G–78
FT. MCPHERSON
NORTHWEST TERRITORIES

CORE LABORATORIES - CANADA LTD.
Petroleum Reservoir Engineering
CALGARY - EDMONTON - REGINA

CORE LABORATORIES – CANADA LTD.

PETROLEUM RESERVOIR ENGINEERING

GAS ANALYSIS

Company: Skelly Oil of Canada Ltd. Page: 1 of 2

Well: Skelly-Getty-Amoco Ft. McPherson C-78 File: 901-2356

Field: Ft. McPherson, Northwest Territories Analyst: JP MY

Location: 67° 37' 04.00 N.L. 134° 14' 20.00 W.L. Elevation: K.B. ____ Grd. 52'

Formation: Ronning Depth: 9941' - 10,066'

Sampled from: DST #1 (Johnston Tool #550) by: Johnston Testers

Sampling pressure: ____ psig Sampling temp.: ____ °F Ambient temp: ____ °F

Date sampled: July 16/72 Date received: July 21/72 Date analysed: July 24/72

Container pressure: 2 psig Mud: ____ Water cushion: ____

Recovery or flowrate: DST Recovery: 220' salt water, 825' blackish salt water.
Tool Recovery: 1200 cc's water.

COMPONENT	MOLE %	IMP. GPM @ 14.65 psia and 60°F
Hydrogen	.08	
Helium	Trace	
Nitrogen	2.81	
Carbon Dioxide	20.36	
Hydrogen Sulphide	.00	
Methane	76.75	
Ethane	Trace	
Propane	.00	.000
Iso Butane	.00	.000
Normal Butane	.00	.000
Iso Pentane	.00	.000
Normal Pentane	.00	.000
Hexanes	.00	.000
Heptanes Plus	.00	.000
Total	100.00	.000
Pentanes Plus		.000

SPECIFIC GRAVITY

Calculated .762 Measured ____

GROSS B.T.U. per SCF 970.5

Calculated @ 14.65 psia, 60°F, moisture and acid - gas free.

VAPOR PRESSURE of PENTANES PLUS

(calculated) .0 psia @ 100°F

Pseudo Critical Pressure 748.7 psia

Pseudo Critical Temperature 382.2 °R

Remarks ____

CORE LABORATORIES – CANADA LTD.

PETROLEUM RESERVOIR ENGINEERING

WATER ANALYSIS

File 901-2356 Page 2 of 2

Company Skelly Oil of Canada Ltd.

Well Skelly-Getty-Amoco Ft. McPherson C-78 K.B. _____ Grd. _____

Location 67° 34' 04.00 N.L. 134° 14' 20.00 W.L. Field Ft. McPherson Province Northwest Territories

Formation Ronning Interval 9941' - 10,066'

Sampled from DST #1 (Johnston Tool #550) by Johnston Testers

Date sampled July 16/72 Date analysed Aug. 3/72 Analyst TK

Recovery DST Recovery: 220' salt water, 625' blackish salt water.
Tool Recovery: 1200 cc's water.

_____ Mud type _____ Water cushion _____

Resistivity 0.065 Ohm-meters @ 71 °F

Specific gravity 1.1075 @ 60°F

6.4 H_2S Absent

Refractive Index 1.3595 @ 73°F

Total Solids:

Calculated 151,448 mg/liter

By evaporation @ 110°C - mg/liter

By evaporation @ 180°C - mg/liter

At ignition - mg/liter

MILLIGRAMS PER LITER

Na + K	Ca	Mg	Fe	Ba	Br	I	Cl	HCO_3	SO_4	CO_3	OH
45101	12755	248	Pres.	-	-	-	92001	1035	308	0	0

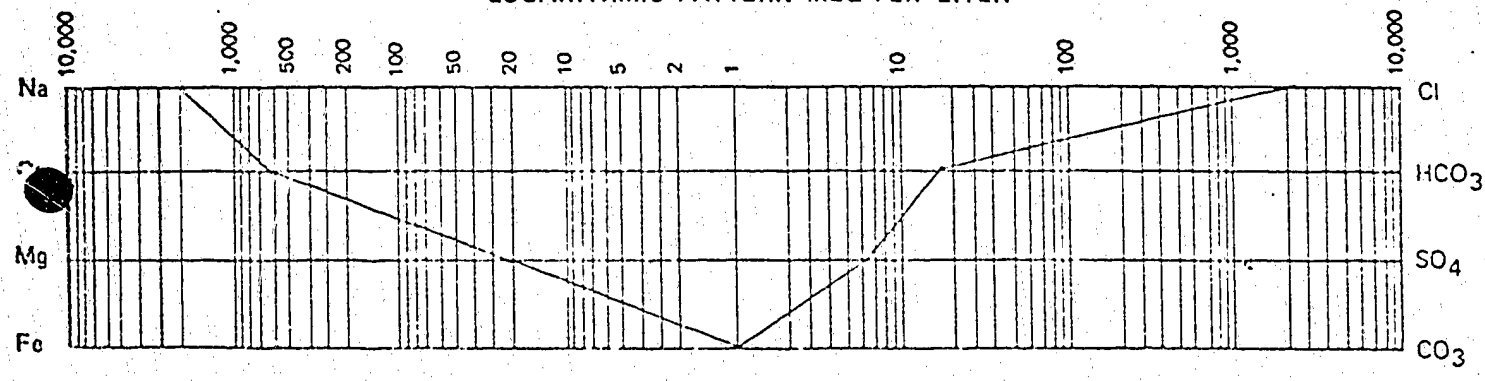
PER CENT CALCULATED SOLIDS

29.8	8.4	.2	Pres.	-	-	-	60.7	.7	.2	.0	.0

MEQ PER LITER

1960.9	636.5	20.4	Pres.	-	-	-	2594.4	17.0	6.4	.0	.0

LOGARITHMIC PATTERN MEQ PER LITER



128,073. 45101.0

BAROID *ppm* LOG

WELL FT MCPHERSON C-78
COMPANY SKELLY OIL CO.
FIELD 67° 37' N, 134° 14' W
COUNTY FT MCPHERSON STATE N.W.T.

INTERVAL LOGGED 1700 FT TO T.D. FT
DATE LOGGED 4-27-72 TO
DEPTH MEASURED FROM K.B.

SUPERVISING ENGINEER C.R. HOWLAND UNIT NO 264
TYPE MUDS GEL / LIME TO 1201 FT
GEL / CHEMICAL TO T.D. FT

LEGEND

ABBREVIATIONS

NB	NEW BIT
NCB	NEW CORE BIT
CO	CIRCULATED OUT
DST	DRILL STEM TEST
LAT	LOGGED AFTER TRIP
TG	TRIP GAS
NR	NO RETURNS
DS	DIRECTIONAL SURVEY
DC	DEPTH CORRECTION

MUD CHARACTERISTICS

W	WEIGHT___LBS/GAL___LBS/CU FT
V	VISCOSITY, API, SECONDS
F	FILTRATE, API, CC'S
CK	FILTER CAKE
S	SALINITY___PPM Cl⁻___GPG Cl⁻
Rm	MUD-RESISTIVITY, OHM-METER
Rmc	MUD-CAKE RESISTIVITY, OHM-METER
Rmf	MUD-FILTRATE RESISTIVITY, OHM-METER

LITHOLOGY

SAND, SHALE, CLAY, CHERT, SALT, SILTSTONE, CONGLOMERATE, LIMESTONE, OOLITIC LIMESTONE, DOLOMITE, GYPSUM, ANHYDRITE, COAL OR LIGNITE, GRANITE WASH

DRILLING RATE — ☐ FT PER HR. ☑ MIN. PER FT. (2, 4, 6) — VISUAL POROSITY — GST — LITHOLOGY — DEPTH

ppm HYDROCARBONS IN MUD M=1000

C_1	C_2	C_3	C_4	C_{5+}
0 5M 10M 15M	0 1M	0 1M	0 1M	0 1M
OIL 25 50 75				

CUTTINGS ANALYSIS — TOTAL GAS ——— METHANE - - - - LIQUID HYDROCARBONS (C_{5+}) —·—·— — 0% ITSG

PPM ———
FAC - - - - - - -

STARTED LOGGING
5:30 AM 4-27-72

BIT NO. 2 IN AT 1533'

1700

WOB 20
RPM 80

DS-1 1/2°

WOB 15
RPM 80

4-28-72
NB-3 DSJ

DS-1°

WOB 40
RPM 48
PP 1600
SPM 50

DS-7/8°

1800

-DS -1°

-DS-1°

WOB 15
DS 1°

SPUD MUD GEL / LIME
13 3/8" CSG SET 322'
9 5/8" CSG SET 1201'

W 9 0
V 35
PV 5
YP 3
GEL 0/1
PH 11
WL 26
CL 500

W 9 05
V 33
PV 6
YP 2
GEL 0/1
PH 10·5
WL 28
CL 480

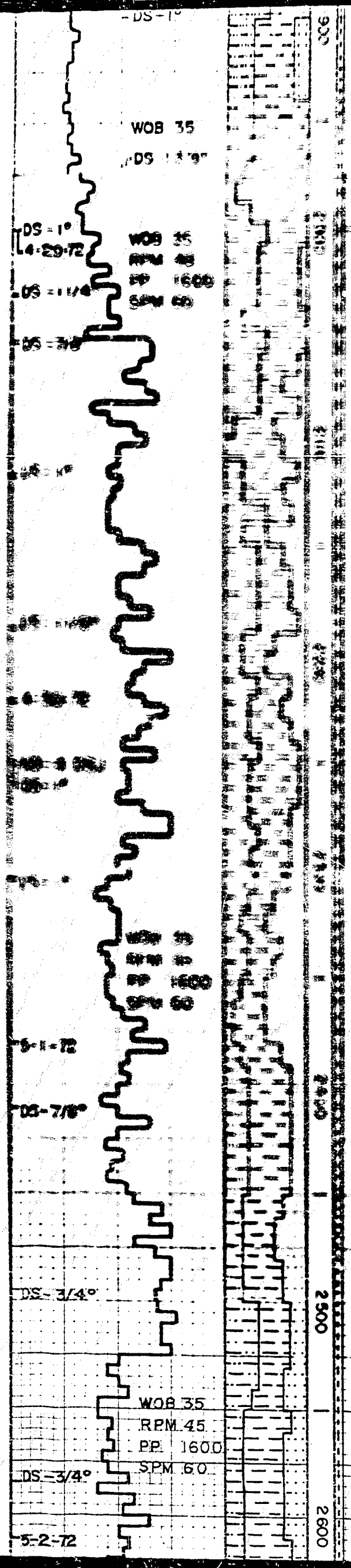
SH - DK GY - BLK, M HD - BRITTLE, PLTY, MIC - MICA I/P.

SLTST - GY - BRN GY, ARG, SDY, OCC GRDG - VF SS - CARB, CHTY.

SS - M - DK GY, HD, VF - F GR, NON-CALC, SLTY, GRDG - SLTST, SL ARG, CARB PTGS, CHTY I/P.

SLTST - AA, TR GLAUC, OCC QTZ FRAG, OCC PYR, SIL I/P.

10



NOTE: [illegible]

NOTE: THIS SET ONE HOUR AHEAD

W 9
V 38
PV 10
YP 4
GEL 1/2
PH 9
WL 8.8

W 8.9
V 38
PV 13
YP 7
GEL 1/2
PH 8.4
WL 5.6
CL 80

SH - DK V DK GY BLK, MIC-MICA I/P, NON CALC, PLTY.

SS - DK GY, HD, F GR, F SORT, NON CALC V SLTY, CHTY.

SLTST - BRN-GY BRN, ARG, NON CALC, OCC GRDG-VF SS.

SH - AA

NOTE - TR ARG DOL, MIC-XLN, TIGHT

SS - M GY-GY BRN, HD, VF-F GR, SA-SR GR, SLTY-OCC GR-DG SLTST, CHTY I/P, MIC-MICA I/P, OCC KAOL

SH - M-DK GY, M HD, NON CALC, PLTY, SLTY I/P, MIC-MICA I/P.

SLTST - M-DK GY, HD, SDY, NON CALC, MIC-MICA I/P.

SS - LT-M-DK GY, HD, VF-F GR, SA-SR GR, SLTY I/P, NON CALC, SL ARG.

SH - M-DK GY-BLK, CARB I/P. AA

SLTST - M-DK GY, M HD, ARG, S[illegible] SDY, MICA I/P.

SS - AA, TR CALC VEINS

2 of

2600 2700 2800 2900 3000 3100 3200

CARBIDE LAG - 21 MIN

PPM ————

FAC - - - - - -

5M 10M 15M 1M 1M 1M 1M

25 50 75

CL 80

SLIST- M-DK GY, M HD, ARG, SL SDY, MICA I/P.

SS - A.A., TR CALC VEINS.

SS - LT-M-DK GY, VF-F-M GR I/P, SA-SR GR., V SLTY-OCC GRDG TO SLIST, CHTY I/P.

W 9.0
V 44
PV 17
YP 11
GEL 1/3
PH 9.5
WL 8.8
CL 80

SH - DK GY-BLK, M HD, PLTY-BLKY, SLTY, MICA I/P, CARB I/P.

SLIST- LT-M GY, HD, ARG, MICA, SDY.

TR CALC BENT.

SS - A.A, KAOL - SIL I/P.

SH - DK GY-BLK, M-HD, NON CALC, SLTY, MIC-MICA.

SLIST- M-DK GY, NON CALC, SDY, MICA I/P, PYR I/P.

W 9.5
V 34
PV 7
YP 3
GEL 0/1
PH 8.5
WL 9.6
CL 100

SS - LT-M-DK GY, HD, VF-F-OCC M GR, P SORT, SLTY, QTZITIC I/P, CALC VEINING.

SH - A.A., SL PYR I/P CARB I/P.

39

DS-1 1/8°

WOB 32
RPM 35
PP 1600
SPM 60

DS-1°

WOB 35
RPM 35

DS-1°
5-4-72

DS-1 1/2°

WOB 32
RPM 35
PP 1600
SPM 60

DS-1 5/8°

DS-1 1/2°
5-5-72

DS-1 5/8°

5-6-72
2 4 6 DS-1 3/4°

WOB 32
RPM 35
PP 1600
SPM 60
TRIP NB #6
J 33
DS 1 3/4°

DS-1 3/4°

5-7-72
DS-2°
NB-7 DMJ
WOB 32
RPM 35

3200
3300
3400
3500
3600
3700
3800

CL 100

CALC VEINING.

SH- A.A., SL PYR I/P
CARB I/P.

SLTST- A.A., OCC GY
BRN, CALC VEIN,
SL ARG.

SS- A.A., V SLTY,
OCC CHTY &
MICA.

W 8.9
V 39
PV 13
YP 7
GEL 1/2
PH 8.5
WL 8.8
CL 60

SH- DK GY-BLK, M-HD,
PLTY, SLTY GRDG
TO SLTST, PYR
I/P, MICA.

SLTST- LT-M-DK GY,
HD, SDY GRDG
TO VF SS, NON
CALC.

SS- LT-M-DK GY, HD,
VF-F-OCC M GR,
SA-SR GR, P-F
SORT, SLTY.

SH- A.A.

W 9.0
V 37
PV 13
YP 6
GEL 1/1
PH 8.3
WL 10.2
CL 80

SH- DK GY-BLK, OCC
BRN GY, PLTY-
BLKY, SLTY, OCC
DOL, CARB I/P,
MICA I/P.

PPM
FAC
5M 10M 15M 1M 1M 1M 1M
25 50 75

CARBIDE LAG - 29MIN

W 9.0
V 36
PV 8
YP 2
GEL 0/1
PH 8.5
WL 10.4
CL 80

SLTST- LT-M-DK GY,
HD, SDY, NON
CALC, PYR I/P,
MICA I/P.

SS- LT-M-DK GY,
HD, VF-F GR,
SLTY, OCC CALC
VEINING.

404

				MICA I/P.
DS 1 3/4°		W 9.0		
DS-1 3/4°		V. 36		
		PV 8		
5-7-72		YP 2		
DS-2°		GEL 0/1		SS- LT-M-DK GY,
NB-7 DMJ		PH 8.5		HD, VF-F GR,
WOB 32		WL 10.4		SLTY, OCC CALC
RPM 35		CL 80		VEINING.
DS-1 3/4° PP 1600				
SPM 63				
		W 9.0		
DS-1 7/8°		V. 43		SH - A.A.
		PV 10		
		YP 7		
DS 1 1/4°		GEL 1/3		
		PH 9.0		
		WL 7.2		
		CL 80		
5-8-72				SH - DK GY-BLK, M-HD,
DS-1 1/2°				SLTY, NON CALC,
				PYR I/P, CARB
		W 9.0		I/P, MICA I/P.
DS-3/4° X2		V. 36		
DS-3/4°		PV 8		
RR-6 J 33		YP 3		
WOB 40-45		GEL 0/1		SLTST- LT-DK GY, HD,
RPM 35		PH 9.0		SDY, OCC GRDG
DS-3/4°		WL 9.2		TO VF SS, ARG
		CL 60		I/P, PYR I/P,
WOB 45				OCC CALC VEINS
RPM 35				
PP 1600				
SPM 60				
5-9-72				
				SS- LT-M-DK GY, HD,
				V SLTY, NON
		W 9.0		CALC, PYR I/P,
DS-1 1/2°		V. 34		OCC QTZITIC.
		PV 9		
DS-1 1/8°		YP 5		
		GEL 0/1		
		PH 9.0		
DS-1 1/8°		WL 8.8		
WOB 32		CL 50		
RPM 35				
				SH - DK GY-BLK M-HD
DS-1 1/2°				COM. FKY LAM.
WOB 30				PYR I/P SLTY I/P
RPM 35				OCC. MICA.
DS-1 1/8°				
				SLTST- LT- DK GY, HD,
5-10-72				SDY, OCC GRDG
				TO VF NON
				CALC, PYR I/P,
DS-1 3/4				MICA I/P.
WOB 28				
RPM 35				
DS-1°				
		W 9-0		
		V. 37		SH - A.A.
		PV 10		
WOB 30		YP 5		
RPM 35		GEL 0/1		
PP 1600		PH 8-5		SS - LT GY, HD, VF
SPM 62		WL 9-2		GRAIN, MICA

3800 — 3900 — 4000 — 4100 — 4200 — 4300 — 4400

5 of

DS-13/4
WOB 28
RPM 35
DS-1°

WOB 30
RPM 35
PP 1600
SPM 62

DS-15/8°

5-11-72

DS-13/4°
SCALE CHANGE
6 8 10
NB-8 DMJ

WOB 30
RPM 47

5-12-72

DS-17/8°

5-13-72
NB-9 4JS

DS-17/8°

WOB 25
RPM 40
PP 1500
SPM 50

DS-23/8°
5-14-72
DS-23/4°
NB-10-PIPE STUCK
NB-11 DSJ
5-17-72
DS-23/8°

DS-21/8°

WOB 30M
RPM 35

5-18-72

DS-13/4°

PP 1500
SPM 62

4400 4500 4600 4700 4800 4900 5000 51

TG 10 UNITS

PPM
FAC
5M 10M 15M
25 50 75

												MICA I/P.
										W	9.0	
										V	37	
										PV	10	SH- A/A
										YP	5	
										GEL	0/1	
										PH	8.5	SS- LT GY, HD, VF
										WL	9.2	GRAIN, MICA
										CL	50	
												SLTST- LT-M GY, HD,
												GRDG TO VF SS,
												MM
												SH- M-DK GY, MHD,
												SLTY I/P, MM I/P
										W	9.1	
										V	37	SLTST- LT-M GY
										PV	10	-BRN, HD, GRDG
										YP	5	TO VF SS
										GEL	0/1	SOME MNUT QTZ
										PH	8.8	VEINS, MM
										WL	8.8	
										CL	100	

DS-2 1/8°	5000		GEL 6/30	SH- A/A
			PH 8-5	
WOB 30M			WL 6	
RPM 35			CL 100	
5-18-72				SLTST- A/A
DS-1 3/4°				
			W 9	
PP 1500			V 57	
SPM 62	5100		PV 17	SH- M- DK GY, M HD,
20X2			YP 15	TR MNUT COAL
19X2 DS-1 1/2°			GEL 4/65	STRGS, MM I/P,
5-19-72		TG	PH 10-5	SLTY I/P, TR
NB-12 M44N			WL 8	LIGNITE
			CL 100	
WOB 30M				SLTST- LT-DK GY, HD,
RPM 35				GRDG-VF SS,
DS-1 1/8°	5200			TR QTZ, SOME
				MOT CHT I/P,
				MM I/P, BCMG
				BRN+SL CALC
5-20-72				TR LIGNITE
DS-1 1/8°				AND PYRITE
WOB 30M				
RPM 35				
PP 1500	5300			SH- A/A
SPM 62				
DS-1 1/4°				
				SLTST- A/A
DS-1 1/8°				
			W 9.1	
5-21-72			V 50	
WOB 30M		CG	PV 19	SLTST- LT- DK GY,
RPM 40	5400		YP 12	SFT-HD, BCMG
DS-1 3/4°			GEL 3/20	FRI I/P, SOME
20X2			PH 9-8	QTZ FILLED,
DS-1 15/16°			WL 5-8	MICRO FRACT,
NB-13 DSS			CL 100	SL CALC I/P
5-22-72				
DS-1 3/4°	5500			SH- LT- DK GY,
				M- HD, GRDG-
5-22-72				VF SS I/P, SLTY
DS-1 1/2°				I/P, MM I/P
DS-1 1/8°	5600			SLTST- LT- DK GY,
WOB 40M				BCMG BRN I/P,
RPM 40				HD, GRDG- VF
PP 1650				SS, CALC I/P
SPM 60				TR LIGNITE
DS-1°				
5-23-72	5700		W 9	SS- LT GY, HD,
			V 43	QTZIC VF-F

7 of

DS-11/8°

WOB 40M
RPM 40
PP 1650
SPM 60

DS-1°

5-23-72

WOB 40M
RPM 40

6 8 10

5-24-72

DS-1°

DS-1 1/16°

DS-15/16°

NB-14 DSJ

5-25-72

DS-3/4°

WOB 40M
RPM 40
PP 1600
SPM 60

DS-3/4°

5-26-72

DS-1 5/8°

DS-1 5/8°

NB 15 XDV

5-27-72

DS-1 3/4°

DS-1 1/2°

DS-1 1/4°

5600 | 5700 | 5800 | 5900 | 6000 | 6100 | 6200

PPM
FAC
5M 10M 15M
25 50 75

1M 1M 1M 1M

TG-15

TG-24

W 9
V 43
PV 14
YP 10
GEL 2/12
PH 9-5
WL 5
CL 150

W 9.0
V 44
PV 14
YP 8
GEL 1/10
PH 10.0
WL 6.0
CL 150

SLTST-LT-DK GY, BCMG BRN I/P, HD, GRDG-VF SS, CALC I/P

TR LIGNITE

SS-LT GY, HD, QTZIC, VF-F GRAN

SH-M-DK GY, M-HD, MM I/P, TR SFT CARB SH, SLTY I/P

SLTST-LT-M-DK GY, HD, NON CALC, SDY I/P, OCC GRDG VF SS, MICA & PYR I/P

SH-M-DK GY, M HD, PLTY, NON CALC MIC-MICA, OCC SLTY.

SH-A.A., OCC PYR.

SLTST-A.A., TR OCC QTZ GR.

SLTST-LT-M GY, M-HD NON CALC, SDY I/P, OCC GRDG VF SS, MICA I/P, PYR I/P, CHDY I/P.

8 of

NB 13 XDV
5-27-72
DS- 1 3/4°
DS-1 1/2°
DS-1 1/4°
WOB 30M
RPM 80
5-28-72
WOB 35
RPM 50
DS-1°
WOB 40
RPM 45
DS-1 1/8°
DS-1 1/8°
5-29-72
DS-7/8°
WOB 45
RPM 45
5-30-72
WOB 45
RPM 45
DS-5/8°
WOB 45
R.P.M. 45
DS-1 7/8°
5-31-72

6200 6300 6400 6500 6600 6700 6800 6900

TG-24

W	9.1
V	44
PV	13
YP	9
GEL	1/11
PH	10.0
WL	6.2
CL	200

W	8.9
V	46
PV	14
YP	10
GEL	1/11
PH	9.0
WL	5.6
CL	200

PPM ——
FAC - - - - -
5M 10M 15M
25 50 75

SLTST- LT-M GY, M-HD, NON CALC, SDY I/P, OCC GRDG VF SS, MICA I/P, PYR I/P, CHTY I/P.

SH - M-DK GY, FRM, NON CALC, MIC-MICA I/P, CARB I/P, SLTY I/P, TR CHERT.

SH- A.A., PYR I/P.

LS- LT-M-DK GY, WH I/P, CRY-MICRO XLN, ARG, CHKY I/P

LS- WH-LT-M GY, BRN I/P, CRY XLN, V ARG, CHKY I/P, FOSS.

SH- DK GY-BLK, M HD SL CALC, PYR I/P MICA I/P.

LS- DK-M-LT GY-WH, BRN I/P, MD-FRM -SFT, CRY-MIC XLN, ARG, CHKY I/P, OCC TR PYR, OCC FOSSIL

LS- A.A.

LS- DK-M-LT GY-GY BRN, WH I/P, MD-FRM, CRY-

9 at

								LS- S.A.

					I/P, ARG I/P, SL FOS, TIGHT
WOB 30M RPM 30	12-2	7500	PH 10.5 WL 5.8 CL 400		
DS-4 3/4°	12-2				
6-21-72					
X2 DS-4 7/8°					LS-A/A
NB-1B J44					
X2					
6-22-72					
DS-4 7/8°					
WOB 35M RPM 35					LS- BUFF, LT-M GY-GY BRN, HD, MIC-XLN, CALC FRAC, ARG, CHKY I/P, DOL I/P
DS-4 3/4°					
X2					
DS-4 7/8°					
	12.4	7600	W 8.9 V 50 PV 18 YP 12 GEL 3/14 PH 9.2 WL 6.4 CL 200		
6-23-72					
DS-4°					DOL-LT-M GY-GY BRN, HD, MIC-XLN, SL ARG, LIMY I/P
WOB 35M RPM 35					
DS-3 3/8°		7700			LS-A.A., OCC IR POOR POR, OCC FOS
6-24-72					
DS-3 1/8°					
					DOL-A.A., BUFF
DS-3 1/2°		7800			
DS-3 3/4°					
DS-3 1/2°					LS-BUFF, LT-DK GY, MIC XLN, ARG, DOL I/P, TR FOS
6-25-72			PPM ———		
DS-3°			FAC - - - - - -		
6 8 10		7900	5M 10M 15M 25 50 75	1M 1M 1M 1M	
					SH-GRN, M-HD, CALC, SLTY I/P
DS-3°					
WOB 35M RPM 40 PP 1600 SPM 60					LS-WH-GY GRN-LT GY, M-HD, CRY XLN, IMBD SH FRAG, SL ARG
	12.5		W 8.8 V 60 PV 17 YP 13 GEL 3/12 PH 9.0 WL 6.0 CL 700		
DS-2 1/2°		8000			DOL-LT BUFF-LT GY, CRY-XLN, SL ARG, LIMY I/P, PYR I/P, OCC TR MIC-VUGS
6-26-72					
DS-2 1/2°					
					DOL-AA, MIC-CRY XLN, TIGHT
DS-2 1/4°		8100			

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DS-2 1/2°

6-26-72

DS-2 1/2°

DS-2 1/4°

6-27-72

DS-2 1/2°

18.0

X5

6-23-72

WOB 40
RPM 40

DS-2 1/4°

6-29-72

DS-2 3/4°

13.0
14.0

DS 2 3/4°

12.6

DS-2 7/8°

6-30-72

12.4

DS-3°

7-1-72

DS-3 1/4°

DS-3°

WOB 35M
RPM 44

DS-3 1/16°

8000
8100
8200
8300
8400
8500
8600
8700

PV	17
YP	13
GEL	3/12
PH	9.0
WL	6.0
CL	700

DOL - LT BUFF - LT GY, CRY - XLN, SL ARG, LIMY I/P, PYR I/P, OCC TR MIC - VUGS.

DOL - AA, MIC - CRY XLN, TIGHT.

DOL - LT - M GY, WH - BRN, FRM - M HD, CHKY I/P, MARLY, LIMY I/P

W	8.9
V	47
PV	17
YP	13
GEL	2/14
WL	5.0
CL	1350
PH	9.0

SH - A.A.

DOL - LT - M GY, OCC WH, M - HD, MIC - CRY XLN, ARG, PYR I/P, LIMY I/P, TR IMBD SH, OCC TR MIC VUG POR, NO STAIN, CALC FRAC FILL

LS - WH, FRM - M HD, MIC XLN, CHKY.

DOL - LT GY - GY BRN, M - HD, MIC - CRY XLN, OCC VF GR, LIMY I/P, PYR I/P, CALC FRAC FILL TR BITU, NO STAIN, V SL SLTY, SL ARG, OCC QTZ CRY.

W	8.9
V	47
PV	16
YP	9
GEL	1/7
PH	9.0
WL	5.4
CL	1100

LS - WH - CLR, CHKY, SFT - FRM, MIC XLN.

DOL - WH - LT GY, OCC DK - GY - BRN, SLTY, A.A.

12

WOB 35M
RPM 44

DS-3 1/16°

DS-3 7/8°
7-2-72

X2

NB-20 X55R
7-3-72

DS-3°

DS-3 1/4°

6 5 10

DS-3 1/8°

WOB 30M
RPM 48

14-4

20-0

X2

DS-3 1/2° NB-21 J55
7-5-72

X2 DS-3 15/16°

NB-22 FBCM5 108
7-6-72

DS-3 7/8°

13-2

DS-3 1/2°

WOB 44M
RPM 40
7-7-72

DS-3 1/2°

DS-3 3/8°

WOB 44M

8700
8800
8900
9000
9100
9200
9300

PPM
FAC
5M 10M 15M
25 50 75

1M 1M 1M 1M

TG 25

TG 20

PV 16
YP 9
GEL 1/7
PH 9.0
WL 5.4
CL 1100

W 8.9
V 48
PV 19
YP 11
GEL 1/7
PH 9
WL 5.4
CL 1500

W 8.9
V 53
PV 20

XLN

DOL-WH-LT GY, OCC DK-GY-BRN, SLTY, A.A.

DOL- A.A., SLTY.

TR CHT

DOL-LT GY-DK GY-BRN, HD, MIC XLN, SLTY I/P, ARG, TR PYR

LS-WH-LT GY, SFT-FRM, CHKY I/P

DOL-A/A LIMY I/P, SOME CALC FRAC FILL

SH-DK GY-BLK, HD DOLIC, SLTY I/P

LS-WH-LT GY, SFT, CHKY I/P.

TR PYR + CHT

DOL-WH-LT-M GY-TAN, MIC-VF XLN, FRM-HD, ARG, SOME CALC FRAC FILL

139

DS-3 1/2°

DS-3 3/8°

WOB 44M
RPM 40

7-8-72

DS-3 1/4°

DS-3 1/4°
NB-23 J44 7-9-72 T6

WOB 48M
RPM 40

DS-3 1/4°

7-10-72

X2

DS-3 1/2° 14.4
7-11-72
NB-24 S88

WOB 42M
RPM 46

WOB 42M
RPM 46

NB-24 M88 7-12-72

SCALE
CHANGE

200
9300
9400
9500
9600
9700
9800
9900

TG 20

TG 20

TG 40

PPM
FAC
5M 10M 15M 1M 1M 1M 1M
25 50 75

W 8.9
V 53
PV 20
YP 15
GEL 2/8
PH 9
WL 5-8
CL 1400

W 8.9
V 54
PV 21
YP 15
GEL 2/10
PH 9
WL 5.6
CL 1800

LS-WH-LT-GY, SLI CHKY I/P

TR PYR + CHT

DOL-WH-LT-M GY-TAN, MIC-VF XLN, FRM-HD, ARG, SOME CALC FRAC FILL

DOL-A/A LIMY I/P

DOL-LT-DK GY-TAN, HD, MIC-VF XLN, ARG, TR CHT, SOME QTZ+CALC VUG FILL

TR SIL LS

DOL-A/A LIMY I/P, ARG

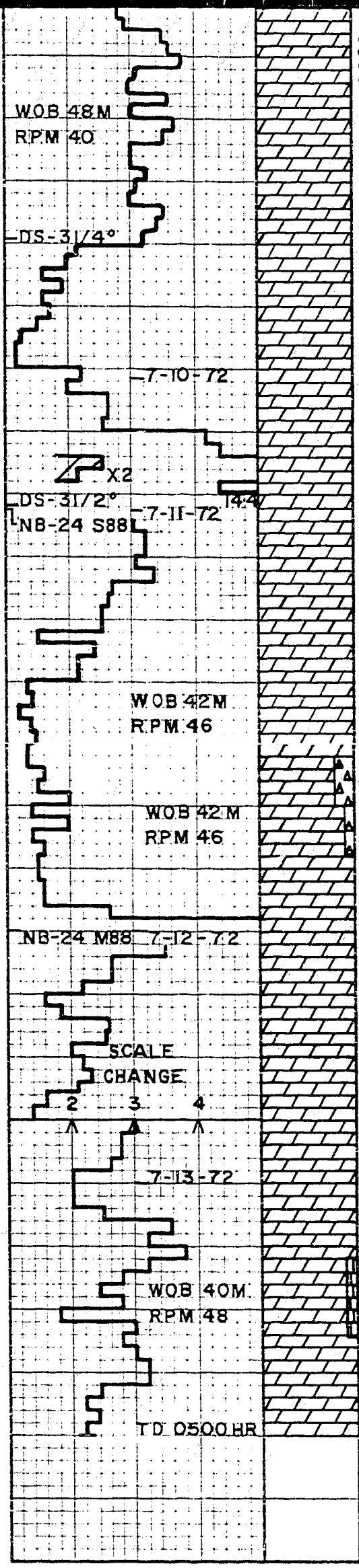
DOL-A/A TR CHT, TR PYR

QTZ-CLR-WH, V HD, C, ANG, PYRIC I/P

DOL-LT-DK GY-LT BRN, HD, MIC-VF XLN, LIMY I/P, ARG I/P, TR PYR + QTZ FRAC OR VUG FILL

TR QTZ

14 of



9500
9600
9700
9800
9900
10000

TG 20

TG 40

PPM ———
FAC - - - - - - -
5M 10M 15M 1M 1M 1M 1M
25 50 75

W	8.9
V	54
PV	21
YP	15
GEL	2/10
PH	9
WL	5.6
CL	1800

W	9
V	89
PV	29
YP	25
GEL	3/16
PH	9.5
WL	5.6
CL	1800

DOL-LT-DK GY-TAN, HD, MIC-VF XLN, ARG, TR CHT, SOME QTZ+CALC VUG FILL

TR SIL LS

DOL-A/A LIMY I/P, ARG

DOL-A/A TR CHT, TR PYR

QTZ-CLR-WH, V HD, C, ANG, PYRIC I/P

DOL-LT-DK GY-LT BRN, HD, MIC-VF XLN, LIMY I/P, ARG I/P, TR PYR + QTZ FRAC OR VUG FILL

TR QTZ

TR PYR

LS-WH, SFT, CHKY

DOL-A/A

TCI 9952 BR-1855 FWL-117 2-61 PRINTED IN U.S.A.

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TEJAS EXPLORATION CONSULTANTS LTD.

D.D. FOREMAN, P. GEOL. — EXPLORATION CONSULTANT

PROVINCE: NORTHWEST TERRITORIES CANADA

WELL NAME: SKELLY- GETTY- AMOCO FT. McPHERSON C-78

LOCATION: L.S.D. _____ SEC. _____ TWP. _____ RGE. _____ W _____ M

CO-ORDS: 67° 37' 04" N, 134° 14' 20" W

ELEVATION: GRD. 52' D.F. _____ K.B. 69.25'

SPUDDED APRIL 10-1972 COMPL JULY 13-1972 T.D. 10,050'

CASING: RAN 38 JTS. LANDED AT 1202' KB

LOGGED BY: DAVID D. FOREMAN, P.GEOL. DATE: 7/13/72

SAMPLE QUALITY: GOOD

REMARKS: The framework to void filler ratios and the Carbonate component percentages on this log are rough field percentages and should be treated as such by the reviewing geologist. They are placed on the log for a quick field evaluation of environment and energy conditions. DDF

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LEGEND

ROCK TYPES

- SANDSTONE
- SILTSTONE
- SHALE, LT. GRY.
- SHALE, MED. GRY.
- SHALE, DARK GRY.
- SHALE, VRY. DRK GRY.
- SHALE, BLK.
- SHALE, COLORED
- CLAYSTONE OR MUDSTONE
- LIGNITE OR COAL
- MARL, LIMY
- MARL, DOLOMITIC
- GLACIAL, TILL
- GRAYWACKE
- CONGLOMERATE
- GRANITE WASH
- ARKOSE
- IGNEOUS, BASIC
- IGNEOUS, ACIDIC
- VOLCANIC
- METAMORPHIC

- LIMESTONE
- LIMESTONE, DOL.
- LIMESTONE, SNDY.
- LIMESTONE, SLTY.
- LIMESTONE, ARGL.
- LIMESTONE, SHLY.
- LIMESTONE, ANHYD.
- DOLOMITE
- DOLOMITE, LMY.
- DOLOMITE, REEFOID
- DOLOMITE, SNDY
- DOLOMITE, SLTY
- DOLOMITE, ARGL.
- DOLOMITE, SHLY
- DOLOMITE, ANHYD.
- ANHYDRITE
- GYPSUM
- SALT
- DOLOMITIC ANHYD.

ROCK BUILDERS

- ALGAL, NONDESCRIPT
- ALGAL, ENCRUSTING
- ALGAL, CORALLINE
- BIOCLASTIC OR FRAGMENTAL
- PSUEDO OOLITES OR PELLETS
- OOLITES
- CALCARENITE
- CORAL
- STROMATOPOROID
- BRYOZOA
- FORAM
- CRINOIDS
- BRACHIOPODS
- MOLLUSKS
- STACHYODES
- AMPHIPORA

- GRAYWACKE
- CONGLOMERATE
- GRANITE WASH
- ARKOSE
- IGNEOUS, BASIC
- IGNEOUS, ACIDIC
- VOLCANIC
- METAMORPHIC

- DOLOMITE, SHLY
- DOLOMITE, ANHYD.
- ANHYDRITE
- GYPSUM
- SALT
- DOLOMITIC ANHYD.

- FORAM
- CRINOIDS
- BRACHIOPODS
- MOLLUSKS
- STACHYODES
- AMPHIPORA

ACCESSORIES

- LIMESTONE STREAKS
- DOLOMITE STREAKS
- P — PYRITIC
- B — BENTONITIC
- BENTONITE BEDDED
- SILICEOUS *or Qtz. incl.*
- SIDERITE CEMENT
- S — PLANT SPORES
- O — OSTRACODS
- MINERAL XYLS.
- CALCITE XYLS.
- Ø — PLANT REMAINS
- K — KAOLINITIC
- CX — CRYPTOCRYSTALLINE
- C — CHALKY
- // — ANHYDRITIC
- V — MICACEOUS

- GLAUCONITIC
- FISH REMAINS
- \+ — ARKOSIC
- NODULES Fe–St
- NODULES LIMY
- NODULES DOLOMITE
- NODULES PHOSPHATIC
- NODULES SIDERITIC
- SIDERITIC PELLETS
- CHERT LIGHT OR DARK
- CHERT TRIPOLITIC
- $ — SECONDARY CALCITE (SPARRY)
- M — LIME OR DOLOMITE OOZE
- L — LITHO–SUBLITHOGRAPHIC
- e — EARTHY
- *Fract. or vein infilled w/ qtz. or calcite.*

SHOWS & POROSITY

- OIL GOOD
- OIL FAIR
- OIL POOR – QUESTIONABLE
- D. DEAD OR ASPHALTIC
- T — TARRY OIL
- \+ SOLID BITUMEN (ALBERTITE) (GILLSONITE) (GRAHAMITE)
- X. INTERGRANLUR OR INTER–CRYSTALLINE
- V. VUGULAR
- INTEROOLITHIC
- e EARTHY (NON PERM)
- Z FRACTURED

ENGR. DATA

- CASING SEAT
- PERFORATIONS
- DRILL STEM TEST
- CORED INTERVALS
- WIRELINE TEST

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Note: Lith. from 40' to 4460' plotted from Log of SKELLY. Geo. on lease during that. int.

FORMATION TOPS SHOWS, FOOTNOTES, ETC	ENGINEERING DATA	% COMPONENTS 100 90 80 70 60 50 40 30 20 10	POROSITY TYPE	POROSITY GRADE 20 15 10 5%	LITHOLOGY	SILT TO MICROCRYSTALLINE V.F. F. M CR. CGL.	ROUNDING – DIAG. TYPE	SORTING – DIAG. DEGREE	RATIO OF FRAMEWORK TO VOID FILLER	DESCRIPTION
							W/	W		varicolored, feldspar, mica,
Glacial Drift 180		95					R W			Tg. 4560' RT. Gray-w. lt. w.
							a w			SPARSELY PICKLED
							a w			
							a w			
							c			

Glacial Drift — 95

100

Imperial — 45

200

300

400

500

600

700

varicolored, feldspar, mica, [illegible]

Dg. & sed. pk. & gry. w/red & yel.

sparsely micaceous

a. a. to sh. wh. gry. & pk. w/gry. sltst. in pt.

a. a. micaceous in pt.

dirty gry. v. slty. & sl.

a. a. to sh. gry.

occ. pink rems.

slt. stks. in pt.

m. dk. gry.

Dirty gry. v. slty. sl.

Thn. bdd. or inf. lam.

Dirty gry. & v. slty. to sdy. grnules

[illegible]

to cse. stks. in pt.

w/sh. grdng. to v. f. ss.

U. C.

sltst. stks. in pt.

gry. stks. in pt.

U. C. m. cse. grn.

grdng. sltst. to

Sh. gry. slty. in pt. U. C.

3 4

gry. silty sh & slt.

gry, slty. in pt. sft.

1400

Drk. gry. slty v.f.g. ss, & siltstn.

drkty. gry - drk. gry, occ. blk. sphs.

1500

sh - gry silty, frcs. gry. sltst.

clay mdstn, lt. gry.

Crdng to sh, drk. gry/blk.

1600

Crdng. sh & v.f. ss
slty sh

1700

med - drk. gry.

Crds to sh, slty & w/sltst.

5 of

m - drk. gry, slty & chty. w/cr. frgs.

1800

a. a. w/ chts, and/or other rock frags.

gry - brnish gry

slt & sh - scz.

1900

dirty, carbn. coal part.

1900

2000

2100

2200

2300

2400

2500

grg- brnish grg

slt & sh - scz.

dirty, carb. coal part.

drk. grg - slt.

drk grg - drk. grg. brn.

grdng. slt. drk. brn.

grdng drk. grg slt

drk grg. arg!

dirty brown.

occ. ppr. wood.

drk. grg. brn.

ss. grdng. to sltst.

sh. w/ sltst & ss. grdng to slt.

drk grg/blk to red brn. fsltc

red brn. hematitic.

lt. grg. sltstic in pt.

Rd. brn. in pt. Qtzitic in pt.

Qtz. in pt

Drk. grg. occ. Stz. filled. fract.

m-drk. grg.

grg - grdng. rd. brn.

Qtz. filling fract.

Qtz. in pt dol. fill. fract

occ. ppr. wood.

68

2500

occ. dgr. wood

2600

Calc. filled fract.

Qtz in pt.

Qtz in pt.

2700

med-drk. grn.

2800

sct. pyr.

drk. grn/blk, bikty.

Vein qtz

gridag. slt & sh.

2900

3000

Gridag. stst-v.f.ss

drk. grn, qtz in pt.

3100

Fract. fill w/calcite.

Tr. carb. plant rem.

3100

Frct. fill w/calcite.

Tr. carb. plant. rem.

3200

Brn. in pt. appear. live oil stn – no cut no fluor.
Grdng. m. grn.

Grdng. m/drk. grn. patch. brn. stn? no cut or fluor.

X
X

3300

sndy. sh.
Drk. brn-grn. appr. oil stnd, no fluor, or cut.
occ. qtz. vein.

3400

Grdng sh, m/drk. grn

Sct. veins, qtz. & pyr.

3500

8 of

m-drk. grn to blk.

3600

Drk. grn. appearant stn, no cut, no fluor.

Drk. brn-blk. a.r.

Drk. grn. glauc in pt.

3700

3700

3800

Sh - drk. grn, m. grn - blk. blky - occ. spndry. thn bdd in pt. micro mica & slty in pt.

3900

drk. grn.

predom dark grn occ. blk.

drk. grn.

9 of

4000

grn, shly sltst.

4100

Tr v.f.g. ss in pt.

4200

Sct. gabyd? infill tract.

Drk. grn - blk, slt grdng to v.f.g. ss Qtz. in pt.

SH - v.f.g. ss. drk. grn.

4300

m - vry drk. grn.

sh - drk grn - blk.

4400

					m-vry dk. gry.
					sh- drk gry - blk.
4400					
					to v.f. ss. in pt.
			2-9		lom- stst & v.f.g. ss.
			2-8		a.a. scr calcite veinlets
			2-8		a.a.
			2-8		sh- w/ss.
		a	1-9		ss, calc. filled. in pt.
		a	1-9		a.a.
		a	1-9		a.a. Tr. brn. mdstn. & calcite vein.
		a	1-9		a.a.
		a	1-9		lom. sh, stst & ss. a.a.
		a	1-9		sct. clr. qtz. veinlets or fract. fill.
		a	2-8		a.a. grdng to v.f.g. carb. in pt. ss. slight.
		a	2-8		as above.
4600		a	1-9		a.a.
			1-10		sh-a.a. thin. lam. stst. Lwest. brn stn. no fluor, no cut.
			1-10		ft. light grey. ss, w/carb. flks.
		a	1-9		sh-a.a. grds to stst & v.f.g. grey. slight ss, sct. qtz. veins or fract. fill.
		a m	2-8		a.a. w/incr. in ss, grey. w/carb. flks.
		a p. m	2-8		a.a. no fluor, sct. qtz. veinlets. interl. lam. sh-slt & ss. a.a. ss-grey. - m-p.
		a p. m	2-8		Sort. sct. calc. frags. infilled veins. a.a.
		a m	2-8		sh-a.a. thin. laded ss-grey, slight. shot thrn. w/carb. flicks. ft. stn.
			1-9		sh-H-m. grey. fr. ss & stst. a.a.
			1-9		sh-a.a. minor lam. stst & ss. a.a. Trc. brn. stn. no fluor, no cut. slight.
			1-9		a.a.
4900		a m p	3-7		a.a. grds to ss. grey, w/sct. grey. calc. frags & carb. flks. brn. stn or discolor. no cut no flr.
			1-9		sh w/lam. stst & ss. a.a.
			1-9		a.a. w/qtz. veinlets, tr. opr.
			1-10		sh-grey. a.a. fr. stst & ss. a.a.
		a	2-8		a.a. grds to ss. grey, w/brn. discolor. resem oil stn, no dom. no fluor, no cut.
		a m p	5-3		a.a. to ss. H. grey. v.f.-m-A sort. some lft. m. grns. Calc. Scatty. in pt.
		a m	6-4		ss- lt. grey. fr. bfg. no por. fr. cut. qtz vn. fr fract. fill. fr. sh & stst a.a.
		a m	3-1		sh-grey. a.a. w/ss. lt. grey. carb. slight
			1-10		sh-a.a. lam. grey-grey brn. stst.
4800		a	3-7		sh-a.a. grdng to ss, v.f.g. some brn. discolor w stn, no fluor, no cut, slight
			1-9		sh-a.a. w/very. minor ss. & stst.
		a	2-8		sh-a.a. w/thn. blk. grey. stst. & grey v.f.g. ss, brn. discolor. a.a. no fluor. no cut
		a	2-8		a.a.
			1-10		sh-m. grey. micro mica, fr. stst.
			1-10		
			1-10		
			1-10		a.a. to stst - lt-m. grey, fr. qtz. vein.
			1-9		sh-a.a. grey-blk. stst. frcs. w.f.g. grey ss
			1-10		sh-lt-m. grey, fr. stst & ss. a.a.
		a	2-8		a.a. to ss. dirty grey, sct carb. flks.
4900		a	2-8		fr. qtz. veinlets.
			1-9		sh-lt-m. grey. micmica & carb. fr. stst & ss. a.a. fr. opr
			1-9		a.a.
		a	2-8		a.a. grdng / stst. brn-grey. to grey. v.f.g. ss fr. qtz. veins, fr. healed fld. veins.
		a	2-8		sh-grey. micromica, w/slt ss. a.a.
			1-10		sh/m. grey. micro mica. First sample after Kelly Bush
			1-10		a.a. fr. grey. stst.
			1-10		a.a.
			1-10		a.a. lam. stst, fr. v.f. ss.
			1-10		fr. stst. & ss. a.a.
5000			2-8		sh-grey. grds to stst & v.f. grey. ss w/carb. flks.
			1-10		sh-a.a. fr. stst. & sandy. stst. rare qtz. veinlets.
			2-8		sh-a.a. fr. calc. frags. grey, lam.

4900						
				-10		Sh-lt-m. gry, fr. STST \ SS. a.a.
				2-9		a.a. to SS. dirty gry, sat carb. filled.
			a	2-8		fr. Qtz. Veinlets.
			a	2-8		Sh-m-dk. gry, micromica \ carb. fr. STST \ SS. a.a. fr. Anhy.
				1-9		a.a.
				1-9		a.a.
			a	2-8		a.a. grdng / STST. brn-gry to gry, v.f.g. SS fr. Qtz. Veins, fr. Anhy. filled Veins.
			a	2-8		Sh-gry, micromica, w/SH \ SS. a.a.
				-10		Sh-m. gry micromica. First sample after Kelly Stuck.
5000						
				-10		a.a. fr. gry. STST.
				-10		a.a.
				-10		a.a. lam. STST, fr. v.f. SS.
				-10		fr. STST. \ SS. a.a.
				2-8		Sh-gry, grdg to STST \ v.f. gry. SS w/ Carb. filled.
				-10		Sh-a.a. fr. STST. \ Sandy. STST. rare Qtz. Veinlets.
				2-8		Sh-a.a. fr. calc. frags. gry, lam. gry. STST \ v.f. SS. Carb. filled.
				1-9		Sh a.a. some STST. a.a. fr. SS.
				1-9		a.a. v. fnt. fr. gry - bcome brn-gry. Sh.
				1-9		Sh-a.a. lam. STST, frcs. v.f.g. SS fr. brn. trash.
				2-8		Sh-a.a. grdng to STST brn, fr. gry to brn. v.f.g. SS, no por, no flur. no cut
				2-8		a.a. no shows, no gas on detector -
				1-9		a.a. gry-brn. STST. fr. v.f.g. SS, fr. carb. filled, fr. Anhy. fr. Qtz. Veins.
				1-9		Sh-lt-m. gry, calc. micrite, fr. pl. frm. \ lam. STST. fr. SS. a.a.
5100						
				1-9		Sh-a.a. STST \ SS lam. a.a.
				1-9		a.a. some v.f. Qtz. Veins.
				1-9		Sh-a.a. lam. w/ gry STST \ v.f.g. gry SS, w/ gry calc. \ blk. carb. frags.
				1-9		a.a.
			a m	3-7		Sh-a.a. rare plat. frm. grdg. to STST \ gry. SS, w/ carb. filled.
				-10		SS-a.a. micr. calc. mod. frgl. to STST, gry w/ carb. filled.
				1-9		a.a. fat. fr. gry. v.f.g. SS. a.a.
				1-9		a.a.
		Brn. Shale	a m	3-7		Sh-gry, micromica, grdng to STST \ gry Qtz. \ carb. SS, slightly no Sho.
5200				1-9		Sh-a.a. fo STST \ SS. gry-yel. brn. Abdr. Stnd - no flur, no cut, no por.
				1-9		Sh-gry, micromica, gy-brn. Sh w/ v.f.g. SS. brn. Sh. (Sub-bit) on cut no Sho
				-10		Sh-lt-m. gry, micromica, - lt. gry. argl. STST.
				-10		Sh-lt-m. gry, micromica.
				1-9		Sh / STST. a.a. fr. gry. SS. as prev. described
				1-9		a.a.
				-10		Sh-m. \ lt. gry. a.a. fr. STST \ SS. a.a.
				-10		Sh-a.a. grdng to STST, gry. cr. in pt.
				-10		a.a. discolor due to outer coating.
				-10		SS-f-gry, v.f-cr. micromica, argl. Sch. dark. micro-carb. like. Some Sh. a.a
				1-9		Sh-lt-m. gry-lam. STST \ SS, no descr. Abdr. Stnd / no Shows.
5300				-10		STST. gry, micromica, fat. carb. micromica rare Qtz. veins or fract. infilled.
		Brn. Shale		1-9		Sh-a.a. w/ lam. STST \ SS. a.a. Some with brn. colorasion, no cut, no flour, no por.
		" "		-10		STST. lt. gry to gry. micmica, \ carb. Anhy Shl, no por. no cut, no flour. Sub bit? Qtz. veins
		" "		1-9		Sh-a.a. lam. gry. STST \ v.f.g. SS. (or infill. fract. a.a. fr. brn. a.a. no cut, no Sho. fr. Qtz. veins.
				1-9		Sh-w/ gry. siltstone \ v.f. Sd. lam. a.a.
				1-9		Sh-w/ STST \ SS. lam. a.a. gry. a.a.
				1-9		a.a.
		Brn. Shale in STST \ SS		1-9		Sh-gry, w/ silt stone \ SS. a.a. fr. micrite Qtz. grns. or filled fract. fr. brn. dissol. Sub bit. ? dirty STST \ SS. no Sho
		" " " " "		1-9		a.a. w/ specs. brn. sub bit. ? STST \ SS, no por, no flur, no cut, no Sho.
				-10		Sh-lt-m. gry. w/ lam. gry. STST, \ large calc. gry. calc.
5400				1-9		Sh-a.a. w/ fr. carb. plat frm. grds. to STST \ SS. a.a. fr. Qtz. filled fract. or vuggy.
				-10		Sh-a.a., fr. STST.
				1-9		a.a. lam. gry. STST \ SS. a.a.
		Brn. sub. bit. Shale. a.a.		1-9		Sh-w/ silt \ sand lam. a.a. to brn. sub bit. w.a. no flur, no cut, no Sho - even when crushed.
				-10		Sh-gry. a.a. frc. gry. STST \ SS. a.a.
			a m	3-7		Sh-a.a. to SS-gry. v.f. micr. calc. in pt. fight.
				-10		Sh. m-dk. gry.
				-10		fr. gry STST
				-10		m-dk. gry, micromica rare Qtz filled. Veinlets or fract.
				-10		grdng to gry. grn. STST.
5500				1-9		Sh-STST. a.a. fr. v.f. micr. calc. SS, fight.
				1-9		Sh-a.a. fr. yel. brn. color, SS, fight, no cut, no flour.
				-10		Sh-a.a. w/ fr. carb. plat frags fr. gry. SS.
				1-9		Sh-a.a. sl. incr. gry. lite. SS.
				1-9		Sh-a.a. fr. fr. SS. a.a. yel. brn. in pt. a.a. no Sho
				1-9		Sh-a.a. fr. gry. SS. a.a.
				1-9		Sh-a.a. 1-2. Chips w/ intr. incr. grdng to gry. STST \ v.f. gry. SS.
				1-9		Sh-gry, w/ some yel-brn. stain, sub blk. ? SS \ STST. as described abv. no Sho.
			a	2-8		a.a. w/ fr. carb. plat frm. grd-STST \ v.f. SS. w/ trace grn. calc. frags.
			a m	3-7		Sh-gry to SS. gry, v.f., frosc, fight. a.a.

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				-10		
	a	m	3-7			sh-a.a. to ss. grey 1' f micaceous lit bf. flecks
				-10		sh m. dk. grey.
				-10		fr. grey SFST
				-10		m-dk. grey, micaceous, rare zfz filled veinlets & fracs.
				-10		Grdng to grey grad. SFST.
				1-9		sh-SFST. a.a. fr. v.f. micaceous ss, slight.
5500						
				1-9		sh-a.a. fr yel. brn. color, ss, slight, no cut, no fluor
				-10		sh-a.a. w/str carb plant frags fr grey ss
				1-9		sh-a.a. sl incr. grey, silt. ss.
				1-9		sh-a.a. fr. fr. ss. a.a. yel brn in sh a.a. no sho
				1-9		sh-a.a. fr. grey ss a.a.
				1-9		sh-a.a. f-c. chnl w/mgr. incl grdng to grey SFST & v.f. grey ss
				1-9		sh-grey, w/some yel. brn. strks, sub blk.? ss & SFST as described abv-no sho.
	a		2-8			a.a. w/fr. carb. flms from grd-SFST & v.f. ss w/rare grey. chk. fracs.
	a	m	3-7			sh-grey to ss. grey, v.f. zfz occ, slight a.a.
	a		2-8			a.a. w/fr. sub. blk. yel. brn. strks, no fluor. No cut. slight no show.
5600						
				-10		sh-lt-m. grey. no show, fr. SFST & ss. a.a.
				-10		a.a.
				1-9		sh-grey, rare carb. plant frgs., fr. pyr. w/som. SFST & ss. a.a.
				1-9		a.a.
				1-9		sh-a.a. w/lt brn. tone in pt. lam. ss & SFST-a.a. frcs. yel. brn. sb. blk? no fluor no sho.
Brnish strks in sh				1-9		sh-m grey-m-dk. grey, fr. lt. brn. grey frc. SFST & ss as described abv.
				1-9		sh-SFST a.a. w/grey & drty grey ss, micro-carb, rare grey. chk. incl.
				c.		sh-a.a. SFST a.a. thn. bds. v.f. grey.
Brnish sub. blk. strks, sh & ss.	u	m	2-8			silt. ss.
	a	m	2-8			sh-a.a. some brnish strks, lam. appearance grey SFST & ss. w/some yel. brn. sub blk. ss. no fluor
	a	m	2-8			sh-grey a.a. w/thn. bds. grey SFST. lam. sh and micro carb ss. silt.
5700						
	a	m	2-8			a.a.
	a	m	2-8			a.a. w/fr. fm. ss, brd. well indurated, slight
				1-9		sh-grey. a.a. w/minor brn. fatty, blk. appearance
Brn. strks sb blk appr. sh.				1-9		sh. fr. sb. wkg. lam. SFST & ss. a.a.
	a	m	3-7			sh-a.a. w/ss-lt grey, v.f. micaceous w/rare grey. chk. incl. frac. v. fatty calc. in pt.
	a	m	3-7			a.a. rare loose zfz. granules. fract?
	a	m	2-8			sh-grey. w/ss. a.a. fr. pyr. v.fr.
	a	m	2-8			sh/ss. a.a. fr. grey SFST.
				1-9		sh-grey. fr. SFST & ss. a.a.
				-10		sh-lt-m. grey
				-10		a.a.
5800						
				1-9		sh-grey. a.a. w/lam. dirty grey ss, v.f. micaceous c/p & SFST. lt grey.
				1-9		a.a.
				-10		sh-a.a. fair. fr. SFST & ss. a.a.
				-10		a.a.
				1-9		sh-a.a. rare carb. plant. frgs. grdng to SFST & dirty grn ss w/p.
				-10		sh-grey. fr. SFST & ss. a.a.
				-10		fr. SFST & ss.
				2-8		a.a. to ss-lt-dirty grey, micaceous v.f. pyr. in pt. rare zfz. vns.
				2-8		fr. pl. brn. irrgular, fr. gel. brn. sub blk. sd-no sho. rare frack. infd. a.a.
				-10		grey fr. SFST.
5900						
				1-9		a.a. to SFST. grey. compact. fr. v.f. grey micaceous ss. zfz. vnlts. nr. frac.
				1-9		a.a.
				1-9		SFST-a.a. grdg to grey. micaceous sh/ss w/p some grey sh.
				1-9		sh-lt. grey. lam. SFST & ss. a.a.
				-10		sh-m. grey, micro mica.
				-10		
				-10		a.a. fr. SFST.
				1-9		grdng to SFST & v.f. ss.
				1-9		sh-grey. w/str. fr. lam. SFST & ss. a.a.
				1-9		
6000						
				1-9		interlam. a.a.
				-10		fr. SFST. grey.
				-10		to SFST, lt. grey. compact.
				-10		sh-a.a. fr. SFST & ss. grey.
				-10		fr. pyr.
				1-9		sh-a.a. grdng to SFST & v.f. grey ss.
				1-9		a.a.
				2-8		sh-a.a. w/grey SFST & ss. - lt grey. w/ sil.
				1-9		sh-a.a. w/SFST. a.a. fr ss.
				1-9		sh-a.a. lam. w/SFST. grey. very brd. & fr. sil. micaceous a.a.
6100						
				-10		sh-m. grey. fr. SFST.
				-10		lt-m. grey. micro mica. rare brnish strks.
				-10		
				-10		sh-grey. a.a. to SFST. lt-dirty grey. v.f-cr. micaceous zfz. silld. vns. & frack.
						sh-a.a. w/SFST. a.a. to m-dk. grey

120

6100

6200

Carroll — 50
20 ut

20u

6300

25u

18u

7u

Hume — 70
10u

6400

6500

6600

Cossage Pelfd Ls. Mbr. — 05

6700

D 1

D 1

13 of

6700						
					1-9	[illegible]
					1-9	d.d.
					-10	[illegible]
					-10	[illegible]
					-10	[illegible]
					-10	[illegible]
					-10	[illegible]
					1-9	LS-tan, mic-sil, hair-in, infil. fract.
					-10	some dcn micrsp in: [illegible]
					-10	d.d.
					-10	
					1-9	LS. tan, tan mid brn some gry, micrsilic - micrsp in, rare infilled vugs, traces v.f. pelfd in spots
					1-9	or tan. lam. v. faintly argil. in pl.
6800					1-9	LS - d.d.
					1-9	LS. d.d. fr pel.
					-10	LS d.d. thn blk sh lam.
					1-9	LS-a.a.
				D	1	1-9	d.d. fr. dolomitic. fr infld mic vugs.
				D	1	-10	LS-tan-brn. d.d. fr. micvugs a.a. fr ? bit plg
				D	1	-10	LS-tan-m. brn fr. v.f. bit plag?
				D	1	1-9	sl. incr pel. ls.
						1-9	LS-tans, brns, some gry fr. pel. or intra-clast
				D	1	-10	LS micritic. micvgs
6900				D	1	1-9	d.d. fr. pel. or intraclast. frcs. spar.
				D	1	-10	d.d. fr. hairln, blk. inf. fract.
						1-9	d.d. fr pel or intraclast mat
				D	1	1-9	d.d. dgr. in pl. thn. pard gry mx. slty dol.
				D	1	2-8	LS-a.g. w/tho. part or cgels pelfd or rdd v.f. intraclastic mat. fnt. dol. tr. gyl. c/p.
				D	1	-10	LS-g.g fnt. fr. intraclast, sl. dol. fr. infil vugs
				D	1	1-9	LS-g.a. w/ v.f.-silt sz. intraclast, fr. only rare pellet thn. blk 36. lg mx.
				D	1	-10	g.a. fnt. fr. intraclast, tr. gry-brn, micrsp. dol.
						2-8	LS-a.a. fo. fr. v.f.rd. -srd intraclast w/spar cem. no pr.
						1-9	fnt. fr. saltaclast, fnt. argl.
7000						2-8	LS-g.a. w/ fcm. v.f. pelfd or intraclastic mat. w/ sparcem.
						3-7	a.a. w/thn. part. flasers v.f. pelfd.
						1-9	a.a. w/spar cem. frk.
						1-9	g.g. w/tr. pel. mat. a.a.
				D	1	2-8	LS-tan-brn, micritic-micsply, thn. lam. gry sh. pelfd. a.a. fr. gry-tan micsply dol.
				D	1	1-9	LS-micritic - micsply. a.a. frcs pel
				D	3	-10	fr. gry & tan. imy. dol.
				D	3	-10	LS-a.a w/some dol, lt. gry. slty in pl.
				D	3	-10	LS-tan-gry-some gry. brn. micsply imy. dol. fr. gry slty dol.
				D	3	-10	Tr. pel. ls.
				D	2	-10	LS-a.a. dol. in pl.
				D	4	-10	LS-tans & brns. a.a. strg. gry, mic xyln, slty. dol. fr. por.
7100				D	4	4-6	LS-tan-brn-gry-gry. micritic - micsply. fr cryst. to pelfd. sparcem.
				D	1	3-7	d.d.
				D	1	2-8	LS-grys, tans & brns, some v.f. pelfd
						1-9	as described, minor dol. a.a.
				D	1	2-8	Comp. d lease being flooded.
				D	1	1-9	
				D	1	1-9	First sample after trip. cvd. sh w/LS lt. brn-brn. gry. & tan. a.a. micro-micritic
Fri 6/12/92. 0p. 3430 Temp. due to flood. + Camp fire Drilling 6/18/92.				D	3	-10	LS, tan & brns, micsply-micritic dol. i/p w/strg gry, brn & tan micsply dol.
				D	1	-10	LS-tan-gry tan & brn. a.a. micsply to micritic, v. faintly dol. in pl. fr. fr. dol.
				D	1	1-9	LS-gry-gry. brn, sl. v.f. fcg.
7200				D	1	3-7	sl. dol.
				D	1	3-7	LS-a.a. micsply - v.f. fcg. & bio fcg. rare cell. Sabby argl. in pl.
				D	1	3-7	a.a. fr. spar. cem.
				D	1	4-6	LS-gry-gry. brn. a.a.
						3-7	LS-gry-gry. brn. a.a. sft. chlky. in pl
				D	1	3-7	sl. dol. in pl.
				D	1	2-8	a.a. w/sct. cvl.
						4-6	LS, gry-gry; brn. micsply. fo. v.f. & fr. frag. & biofrag. a.a. chlky. in pl.
						6-4	LS-a.a. fo v.fo. & fr. fcg. & bio-frag-semichlky. argil. in pl.
7300						5-5	LS. a.a.
						5-5	LS-a.a.
						3-7	LS-lt. brn. micsply-v.f. biofrg. fr cr. & cell in pl. lam. drk. slty. mat.
						3-7	LS-a.a
M.001 MBL?	20			D	2	2-8	LS-lt. brn. gry brn-micsply-sm. v.f. biofrag. dol. & argl.
				D	2	2-8	LS-lt. brn, micsply-v.fr. biofrag. dol. argl. slight ns sln.
				D	2	3-7	LS-brn, dol. a.a. slight a.a. scf. cravids.
				D	2	3-7	a.a.
				D	1	1-9	LS-lt. brn. micsply, dol. fr. bio-clast. a.a.
				D	1	2-8	a.a. fr. fn. bioclastic.
				D		2-8	LS-lt-m. brn sl. v.f. argl.

1407

| | | |

									Tabd. sltst. + dkbr mi. sft. v. f.
						0	4	?	dol. lt. fr. grn. gm. sh. frac. slty. dol.
						0	4	?	Tabd or interbdd. dol. & LS. a. a. mcs
								-10	grnbs lam. frac. gry. sh. a. a.
								-10	LS-csm - bf. micritic, fr. wkst. calcly.
								-10	- marly. ls. rare grn. gry - pgr. sh. partly
								-10	LS-csm, micritic. a. a. w/ pcrf. grn. sft.
									pgr. in pt. sh. some lt. mrl. sft. grn. sh. w/ xy.
								-10	a. a. marly - calcly. in pt.
7900								-10	a. a.
						0	2	-10	a. a. Tr. bf. micrsltr. dol.
						0	2	-10	LS-a. a., fr. mic-v. f. sxln. sl. dol. i/p
									- calcly - marly, grn-gry. sh. bf.
Rooms 30						0	4	-10	LS-a. a. - sl. dol. lt. gry. cryptogrnd.
						0	7	?	fr. grn. sh. a. a. micrsltr - crsptsprained
									Dol - lt. gry. micrsltr - crsptsprained
						0	8	?	sl. lmy. Tr. LS. lt bf. grn-gry. bf.
									Dol - b. a. w/ sltst. blebs, micritic. ls-
									lam. grn, pgr. sh. w/ xy sh.
						0	8	?	a. a. fr. ft. brn. micrsltr - dol.
						0	8	?	Dol - lt. gry - bf. micrsltr - cryptogrnd. sl.
									lmy - sft. sucr calc. vugs, sl. intbd. vugs. sh. a. a.
						0	8	?	a. a.
					V	0	8	?	Dol - gry. a. a. v. fnt. fr. mic vugs less
									than 1% of sample, no stn, no cut. no frac.
		OR 5-10 min/ft.			V	0	8	?	Dol - gry - micrsltr. cryptogrnd. a. a. vry. sucr
8000									drusy surf. sparse mic. vugs a. a. - 1% no shows.
		Indic. trg. por. -			V	0	8	?	Dol - a. a. vry. rare. sparse drusy surf
		no por.			V	0	8	?	w/ rare sft. mic vugs (-1%) No stn, cut or fr.
					V	0	8	?	Dol - gry. a. a. mic - crypto fnt. fr. mic
									vug por. (3-4 clrs) no stain, no cut, no frac.
						0	6	?	Dolo - a. a. fnt. fr. drusy edges and. fry
									micvugs. a. a. (-1% por) no stain, no cut, no fr. 3600
						0	8	?	Dol - gry, micrsltr - crypto grnd. sl. sft
									fr. gry - grn + brn, pgr. sh.
						0	8	?	Dol - a. a. slight, tr. sh. a. a.
						0	8	?	Dol, gry, micrsltr - cryptogrnd. rare
									drusy surf. indic. fr. micvugs por. no sho
						0	8	?	a. a. no bf. slight, frac. grn. sh. a. a.
				f		0	9	?	C. a. rare frac. pinpoint. por, no shows.
						0	9	?	Gry - bf, fr. sft.
8100						0	9	?	a. a.
						0	9	?	Dol, gry - dk. a. a. sct. cr. wht - clr.
									calc. frags, frm vugs or infill. fract.
						0	9	?	Cry - bf. micro - crypgrnd to gry
									gry. pgr. sh.
						0	9	?	Dol - a. a. pgr. incl. in pt. fr. drusy
									xln. fr. calc. frags & infilled veins.
						0	8	?	a. a. dol. pgr. in pt. fr. gry. sh.
					V	0	9	?	Dol - gry. a. a. w/ rare vug. lsings.
						0	9	?	Dol, mic - crypsltr, frcs, gry grn
									sh - a. a.
					V	0	8	?	Dol - gry - lt. tan, rare vug lngs.
									frc. sh.
						0	8	?	a. a. Tr. pgr. in dol.
						0	9	?	a. a. micrsltr - micritic, slight.
					V	0	9	?	Dol. a. a. fr. vug. lngs, fnt. fr. gry. cortly
									- mostly dol.
8200									
					V	0	8	?	Dol - lt. gry & micro - crypsltr, rare ool.
									ind. calcs, frcs vert. clrly, mottled - dgmsh
						0	8	?	Dol - gry, tan, slmy to. mod stn - slight de
									wht. calcly - sh - gry. gra - m. gry.
						0	8	?	Dol - gry, micrsltr, to sft. fr. gry
									mod stn & sh. a. a. -
									First sample after drlg - comes gry
									sh. fr. dol. a. a.
						0	8	?	Dol - lt. gry. micrsltr - crypto, slight 40%
									vug sh. a. a.
						0	8	?	Dol - gry. a. a. slight. Occ. s - mm sft.
						0	8	?	lt. gry - fair. Lvd. fr. gry. gry. sh. w/ pgr.
									incl.
				P		0	6	?	Dol - a. a. vague fr. ppp, no oil or gas
				V		0	9	?	shows. Por. to low to est. o/o
				V					Dol. a. a. fr. pgr. incl. occ. fog. mic vug
8300									no cut, No stain, no indic. gas.
						0	9	?	Dol - a. a. occ. mic vug - poro. to low
									to est o/o no shows.
				P		0	9	?	Dol - gry, micrsltr - cryptogrnd - rare fr.
									ppp. a. a. sl. pgr in pt. Slow cut. Indic. dns.
						0	9	?	Dol - a. a. slight.
				V		0	9	?	a. a. rare micvugs. a. a. no shows.
						0	9	?	Dol. gry - fgn, micrsltr - crypsxln.
						0	9	?	a. a. w/ minm pgr. incl. a. a.
				V		0	9	?	Dol. a. a. rare & sct. drusy edges.
						0	7	?	Dol. a. a. dns, no shows.
						0	9	?	Dol - gry, micro - crypsxln. a. a.
						0	9	?	Dol - gry - fgn, sl. lmy.
8400						0	9	?	lt. gry. fr. pgr.
						0	9	?	a. a.
						0	9	?	Dol - gry - fgn, pgr. a. a. w/ lam. grn.
									gry. pgr. sh.
						0	8	?	Dol - a. a. & silty i/p.
				V		0	8	?	a. a. w/ occ, micvugs, no show, no gas.
						0	8	?	Dol - gry - fgn, silty. in pt.
						0	8	?	a. a. fnt. lty. silty + sil. in pt.
						0	9	?	Cry - fine, pgr. in pt. infilld. bet. in
									fldsp. xls
						0	8	?	Dol - lt. gry - lt. mod. brn. micrsltr - microlam
									in pt. brd, silty, sil. wkst. calc. vug & vug. por.
						0	8	?	Dol - a. a. fr. wkst. calc. & gyp. vug in vn. fill
									fr. pt. brt. mtld brn. fr. gry. pgr. sh.
8500						0	8	?	Dol. a. a. sct. cr. wkst to dk. calcite &
									gyp vug or venlet - fract. lining.
		Incr. in dnst white				0	8	?	Dol. a. a. w/ sft + calc. micr. vug. fill,
		calcite & gyp vug or							no shows.
		fract. filling			V	0	8	?	Cryst dolms. a. a. bright calcite &
									gyp. vn. or vug. fill.
						0	8	?	Dol. a. a. rare pin pt. vugs, no stn,
									no shows
						0	7	?	Dol. a. a. fr. v. f. sxln w/ wht. calcite
									vug or fract. fill, no shows.
						0	8	?	a. a. rare gyp. xtls.
						0	8	?	Dol - gry, bright, lt. brn. a. a. frcs
									vug or fract. fill. a. a.

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		0	8	?		a.a. foss. s.ltg. v.sl. in pt.
		0	9	?		Cry-fine, dgr. in pt. in fld. fair in. fld. cl.
		0	8	?		Ool-fair-lt. brn. micrsp'la-micrsp'l in pt. brd, s.ltg, s.l. wht. calc, vug & vn. ppt.
		0	8	?		Ool-a.a. fr. wht. calc ±f½. vug or vn. fill. fr. fl. brd. pldg frm. fr. grn. ppr. ss.
8500		0	8	?		Ool a.a. scat. cr. wht to clr. calcite ± f½ vug in dknkt-frost. lmstg.
	Incr. in amt. white calcite f½ vug or fract. filling	0	8	?		Ool. f.g. w/ss + ca.c. fract. vug. fill, no shows.
		0	8	?		Cry-f.grns. a.a. tight calcite ± f½. vn. or vug. fill.
	V	0	8	?		Ool. f.g. Rare pin pt. vug, no stn, fr sho
		0	7	?		Ool-a.g. fr v.f.sty'la w/ wht calcite vug or fract. fill, no shows.
		0	8	?		a.a. rare ±f½. styls.
		0	8	?		Ool-grn brn-lt. brn. a.a. frcs vug or fract. fill. a.a.
		0	8	?		a.a.
		0	8	?		Ool-brn. micrsp'la-f.g. some wht. calc. vug & fract. fill. Also shows
		0	8	?		Dolo-grn-m. brn. mic-u.f.sty'la-argil. in pt. Some calcite vn. filng.
8600		0	8	?		Ool. a.a. sl. argl. w/ calcite vn. or fract. filling.
		0	9	?		Ool-grn-m. brn. micrsp'la, dns.
		0	7	?		a.a. to more argl.
		0	6	?		Ool-m. brn. micrsp'la, dns. fr. calcite vien or fract. fill, grn. frm. sh. lamin'ton
	V	0	7	?		Ool-lt. grn, mic w/some v.f. sy'lt. & brn. dol. a.a. Rare drusy sur. sh. lam.
		0	8	?		Ool-lt. grn, micrsp'la, tight.
		0	9	?		Ool-lt. grn micrsp'la- rare frame drusy surf. fr. wht. calcite vn. fill.
		0	9	?		Ool-a.a. ooa, drusy surf. rare wht calc f. cr. f½. vug or fract. lin, no shows
	V	0	9	?		Ool- lt. grn. micrsp'la fr. conglo grad. rare f. cr. microvugs + drusy sur. no sho
		0	9	?		Ool., grn, micrsp'la, tight.
8700		0	8	?		Ool-grn - lt. brn. micrsp'la, as Por sl. argl.
		0	8	?		Ool-lt. brn. micrsp'la, fr. wht. calcite fract or vug. fill, sl. argl
		0	8	?		a.a.
		0	8	?		a.a. tight.
		0	8	?		Ool-lt. grn-lt. grn. brn, micrsp'la, sl. argl wht. calc. vn, vug or fract. fill. fr. grn clst.
		0	8	?		Ool-a.a. w/ wht-milky cr. calcite frags no open vugs, fr. grn. cht.
		0	8	?		Ool-a.a. fr. clst. some cmd. sh frm. stin. a.a.
		0	9	?		Ool a.a. w/ calcite infilling & frmg vugs & fract.
		0	8	?		fr. grn clst.
		0	9	?		Ool-grn-grn brn micrsp'la- calc frgs. a.a.
8800		0	8	?		Ool-grn. brn. micrsp'la-sl. argl, fossly sdy. in pt. wht calc a.a. comm. fr. ss. stks. in pt.
		0	7	?		Ool. grn. brn. sl. sdy ± argl. w/ wht. calc. milky-clr f½. vug or fract. fill, no por.
		0	8	?		Cry-grn. brn, micrsp'la a.a. w/ calcite ± f½. fract-vug. fill. a.a. fr. grn. cht.
		0	8	?		Ool-a.a. fr. sl. limy. Rare drusy surf.
		0	8	?		Ool-grn brn-m. brn. fr. foss. micrsp'la sl. argl, ±sdy, fr. frg. calc. fract fill. a.a.
		0	7	?		Ool. a.a. sl. argl. foss fr. grn-brn. foss. in pt. chrt. (calc w/ cf)
		0	8	?		Ool-m. brn, some lt. grn, fr. pr. intcl. ± rare grn-grn. sh. lam. Calcite ±f½. fract.
		0	6	?		Ool-grn, dns. fr. pr.
		0	6	?		Ool. brn-grn brn. fr. pr.
		0	6	?		Ool. a.a. Foss. fr. chrt.
8900		0	7	?		Ool-lt grn sl. brn-m. brn, micrsp'la. some grn, sft, non por. dol.
		0	7	?		Ool-grn-brn. a.a.
		0	7	?		Ool-lt. grn, sft, suc. in pt. tight. some lt. brn a.a. Foss. argl. in pt.
		?	?	?		Core Ool. Sh. a.a.
		0	8	?		Ool-m. grn. brn. argl. in pt.
		0	5	?		Ool. a.a. ± dcrd. sh.
		0	5	?		m. grn. brn. sl. argl.
		0	8	?		a.a.
		0	8	?		a.a. grn brn-grn, rare drusy surf. some calcite vn. ± fract. fill.
		0	6	?		Ool-a.a. ± dns, argl. some grn
		0	6	?		Ool. lt. grn. sh. lam.
		0	6	?		Ool. a.a. some crd. sh. frm. grn
		0	6	?		some grn, grn sh. lam. thn. part. ± lam. olive drol calc. in pt. sh.
		0	6	?		Ool. a.a. w/ 1 or 2 cmpt. wh. calcite. sh. lam. a.a.
		0	7	?		Ool-a.a. frc. sh. a.a.
		0	6	?		Ool-m-drk. brn, some grn. a.a. lam. drk. grn - blk. and calc drol. sh.
		0	8	?		Ool-lt. grn - m. brn, dns, rare drusy surf. argl. sl. sdy. calcite ±f½. fract. fill.
		0	8	?		Ool. a.a. w/ calcite fracture vug. fillings comm.
9100		0	7	?		Cry-grn. brn. some dark. arn. argl - arn. sdy. in pt. calc. micr. a.a.
		0	7	?		a.a. w/ paper thn. blk. sh. lam. in pt.
		0	8	?		Cry-brn, argl sl. sdy, dns.
		0	7	?		Ool-brn-grn, dns. a.a.
		0	8	?		Ool-a.a. some bath. rare drusy sh. f. fract & vug fill. a.a. no por.
		0	7	?		Ool-a.a. argl. to near shaley clst.
		0	7	?		Calc. bf-m. brn. - sl. suc. grn. Cl. V. argl. clst.

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A081

9100

9200

9300

9400

9500

9600

9700

Core out sample

Porosity increased

Porosity decreased

Porosity type

Porosity type

Porosity type

		V?			7	8	?	Odl-bra-grg; brn. mic-v.f.xlln sst. grgl. bng. & frac. fill. a.a.
					0	5	?	a.a.
					0	8	?	Odl. a.a. mld brn-grg. brn.
		V?			0	8	?	n-lo. a.a. fr. drusy edges. indic fr. gntg pr. vug. por. fluor stain, no oil sho.
		V?			0	8	?	Odl. m. brn-grg brn. a.a. fr. drusy edges. indic sr. por. to occ. No oil shows.
9600	Por. indic to be frcs. only.	V?			0	7	?	Odl-a.a. frcs. drusy edgs-sch. indic fr. only questionable vug por. No shows.
		V?			0	7	?	Odl-a.a. frcs. indic. por. a.a. fr-occ to mst n/c. No stn, no cut. OR v.s-steam/ff.
		V?			0	8	?	Odl-lt grg-mic-v.f.xlln. fr. to fr. sltst. & occ s sch. drusy edge. calcite & qtz vn. fr.
					0	8	?	Odl. m. grg brn. sl. sh. & frac. sltst.
		V?			0	8	?	M. grn-fr. lt. brn. fr. drusy sandy frac. calcite & calcite & qtz vug & vugs fill a.a.
		V?			0	8	?	Odl: a.a. calcite vug & fract. fill w/sltst. qtz. frags & xtls. Common. No shows.
					0	8	?	Lt. grg-mg brn-mic-v.f.xlln, qtz & calcite vug & fract. fill. Comm.
		V?			0	8	?	Odl-a.a. in hole occ. foss. vugs & frac. fill. a.a. frc. drusy edgs-indic. fragmental.
					0	7	?	Odl-a.a. ? sml. foss. & fr. caving.
					0	8	?	Foss. sltst. fr. Some cht. n-2 cuts. Odl-lt grg, shly, dns & foss. mic. mic. xlln.
9700					0	7	?	Sr. f.-v.f. xlln. fr. grn-grg. sh. foss. qtz & fill a.a.
					-	-	?	Odl-tan, frac. sltst. & f. occ. mic. xlln. frc. qtz & calcite vugs. a.a. v. drusy edgs.
		V?			0	8	?	Odl a.a. qtz & calcite vug. fill.
		V?			0	8	?	Odl-tan-lt. brn. mic. xln. non. drusy edge. indic. fr. ? vug. por.
		V?			0	7	?	Odl-lt-grg. mic. xln. w/mnly & clr. qtz. vug & frac. fill. sch. drusy edges.
	Porosity indicated from drlg. brks. qtz. frags & xtls in—thickness Questionable—porosity % not determinable due to brkg. up Cond. of qtz. No oil stn, no cut no gas on analyzer.	V F?			0	8	?	Odl. g.a. w/mnly & clr. xln. qtz & xtls. indic ? por. No shows
		V?			0	8	?	Odl-g.a. w/frac. fill. mnly & clr.
		V?			0	8	?	Odl. tan-brn, w/qtz, frac. & occ. vug. in. xtals. some por. OR 4-5 mcf/ff. Sho.
		V?			0	7	?	Odl-a.a. w/xtls & infilled frac. & lot vugs-por. no determinable. No shows.
		V?			0	8	?	Odl-lt brn, v.f.sltst w. 20% as sample. Clr. qtz. xtls & vug-frac. staining. No sho
9800		V?			0	7	?	Odl-a.a. 25-30% qtz-a.a. por. not determin due to brkg. cond of cut. No sho
		V?			0	8	?	Odl-g.a. w/abund. xln. qtz & qtz. a.a. no sho. No stn. Mostly frac. or vein fill.
		V?			0	8	?	Odl-lt. brn-mic-v.f.xlln. sandy fr. vug & frac. fill. qtz. a.a. rar drusy edge
					0	7	?	Tan & lt. brn, fr. drusy edge, fr. frac. or vug. fill. a.a. fr. grg. cht.
					0	7	?	Odl-a.a. fr. drusy edges & qtz. a.a.
					0	7	?	Tr. ppr. incl. in qtz. fr. grg & tan. cht.
					0	7	?	Lt. brn. fr. brn. cht.
					0	7	?	Lt. tan & brn, rare cht. frags, rare sil. grgl. ppck. & incl.
					0	7	?	Odl-lt. brn-grg, fr. fn. xlln w/grn. salt incl. & infill. gvng. mosaic effect. Fr. ppr
					0	7	?	Odl-grn-crm. & lt. brn. sltst. w/salt incl. & infill. a.a. Fr. vn. & frac. fill qtz.
					0	7	?	Odl. a.a.
					0	7	?	Odl-grn, crm. & brn. mic-fn. xlln. fr. drusy edgs. & frac-vug fill. qtz.
9900	—OIB: 6 min—2-3 min/ff. —Circ out —Circ out	PP V?	Trcs		0	7	?	Odl-crm-grg-lt. frac. fill. qtz, fr. drusy edges. rare pp. No gas, no stn, no cht.
		PP? V?	"		0	6	?	Odl-a.a. v.g. rare & sch. chps. w/frc (fnt) ppp. no cut, no stn, no cut.
		X? V?	"		0	8	?	Sh. sltst-flinder sample gassy Odl. a.a. w/lt. ppp. no gas, no stn, no cut.
		V? F?	"		0	8	?	Odl-crm-tan & brn. sch. fr. ppp, frc. drusy edges-fr. vug. por? fr. chlky. no gas, no sho.
		V? PP?			0	8	?	Odl. crm. grg, fr. drusy edges, & clr vug or frac. fill. qtz rare fr. v.f. intrgl. por. No shows
		V?			0	9	?	Crmy-grg. frc. drusy edgs & vug and or frac. fill. qtz. indic. fr. por. rare cht. & lgr.
		V?			0	9	?	Odl. a.a. frc. por. a.a. no gas, min. fluor. only, no cut. OR 2.5-3.5 min. ff.
		V? F?			0	9	?	Sch. drusy edgs. fr. rare pp. OR 3.2-3.5 min/ff. fr. wkt. chlk. no gas, no oil cut.
		V? PP?			0	9	?	Odl-grg. a.a. fr. por. a.a. no shows.
		V?			0	8	?	Crmy. grg-some chlky. mat. frt. fr. drusy edgs & v.f. intrgl. por. No gas or oil shows
10,000	TD. 10,050'	X? V?	Trcs only		0	9	?	Odl. a.a. v.g. clr & pale, sl. strngr. ff. intrgln. por. No shows. gas or. oil. OR 2-3 min
		V?			0	9	?	a.a. w/vug & frac. fill. qtz. trcs. por.
		X? V?	Trcs only		0	9	?	a.a. No shows. gas or. oil. OR 3.1 min/ff.
		X? V?			0	8	?	Odl. a.a. fr. wkt. chlk. fr. por. a.a. no shows
		X? V?	Trcs only		0	9	?	Trc. por. a.a. OR 2.4 min/ff. No gas no oil flour, no cut.
								Odl. crmy. lt. a.a. fr. por. a.a. No gas or flour. No oil flour or cut.

Note: Por. 9925-10,050 visually never rises abv. good to strong trc. of rare and. scat. v.fn. intrgln or ppp. w/trc. drusy edges & vug or frac. fill qtz. indic vug or frac. por. Occasional of Odl. is OR 2-3 min/ff. & this could be possibly oil cut OR trcs. por. indic est. max. por of 5%

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D & AND

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FORM 16-38-865

SKELLY OIL COMPANY
DRILLERS REPORT

LEASE NAME Skelly Getty FT. McPherson WELL NO. C-78 DATE July 19/72.

CONTRACTOR S+T I-E KIND OF TOOLS Rotary

ON TOUR: M. TO M DRILLER:

FORMATION	FROM	TO	REMARKS

RECEIVED
JUL 24 1972
Shell Oil of Canada Ltd.

* RIG TIME DATA	HOURS

DAY WORK THIS TOUR: ____ HRS WITH DRILL PIPE ____ HRS WITHOUT DRILL PIPE ____ HRS. STANDBY

ON TOUR 8 A.M TO 8 P.M DRILLER:

FORMATION	FROM	TO	REMARKS
			Lay derrick down
			Tear out Front of Rig.

* RIG TIME DATA	HOURS

Wait for Nodwells to haul Rig to River

DAY WORK THIS TOUR: ____ HRS. WITH DRILL PIPE ____ HRS. WITHOUT DRILL PIPE ____ HRS. STANDBY

ON TOUR M TO M DRILLER:

FORMATION	FROM	TO	REMARKS
			Haul out McCullough tools +
			Johnston test tools to Inuvik
			w/ Okanagan Helicopter.

* RIG TIME DATA	HOURS

Unable to load on Otter.

Total Time 1-Hr.

DAY WORK THIS TOUR: ____ HRS. WITH DRILL PIPE ____ HRS. WITHOUT DRILL PIPE ____ HRS. STANDBY

CASING RECORD

SIZE	WT.	THDS.	JTS.	WHERE SET	AMOUNT RUN L.T.M. PULLED L.T.M.	TYPE	COND.	SK. CEMENT

JUL 3 - 1972

MUD TESTS			
TOUR	MORN	DAY	EVE
WT.			
VIS.			
W.L.			
PH.			
F.C.			

SLOPE TESTS	
DEPTH	DEGREE OFF

BIT DATA			
NO			
DEPTH IN			
SIZE			
MFG.			
TYPE			
SER. NO.			

DEPTH PREVIOUS REPORT ____ FT. DEPTH THIS REPORT ____ FT. GAS USED ____ HRS. WATER USED ____ BBLS HRS

TOTAL DAY WORK THIS 24 HRS: ____ HRS. WITH DRILL PIPE ____ HRS. WITHOUT DRILL PIPE 24 HRS. STANDBY

SIGNED [signature] FOREMAN CHECKED ____ SUPERINTENDENT

* State total hours each tour for Drilling, Coring, DST, Logging, Shut Down, Running Casing, WOC, Completing, Loss Circulation, etc. Under REMARKS: Describe fully all shows Oil, Gas and Water, cause of Shut Down, Fishing Jobs, Casing Jobs, Steel line correction and all pertinent information not show elsewhere on report.

PRINTED IN U.S.A.

Form 16-38-865

SKELLY OIL COMPANY
DRILLERS REPORT

LEASE NAME Skelly Getty Amoco C-78 WELL NO. C-78 DATE July 18/72

CONTRACTOR C&T I-E KIND OF TOOLS Rotary

ON TOUR: M. TO M DRILLER:

FORMATION	FROM	TO	REMARKS

* RIG TIME DATA	HOURS

RECEIVED
JUL 24 1972
Skelly Oil of Canada Ltd.

DAY WORK THIS TOUR: ____ HRS WITH DRILL PIPE ____ HRS WITHOUT DRILL PIPE ____ HRS STANDBY

ON TOUR 8 A M TO 4 P.M DRILLER:

FORMATION	FROM	TO	REMARKS
			Tear out Rig to Moue. to River.
			& Wait for. Nodwells to Haul.

* RIG TIME DATA	HOURS

DAY WORK THIS TOUR: ____ HRS. WITH DRILL PIPE ____ HRS. WITHOUT DRILL PIPE ____ HRS. STANDBY

ON TOUR 4 8 M. M TO 12 P.M DRILLER:

FORMATION	FROM	TO	REMARKS
			Tear out Rig to Moue.

*RIG TIME DATA	HOURS	
		Haul. Lee Jaks Drilco Reamers to
		Inuvik w/ Okanagan Helecopter.
		+ Sling out 100 BBLS out of Bush.
		Total Time 1 HR. 15 Mins.

DAY WORK THIS TOUR: ____ HRS. WITH DRILL PIPE ____ HRS. WITHOUT DRILL PIPE ____ HRS. STANDBY

CASING RECORD

SIZE	WT.	THDS.	JTS.	WHERE SET	AMOUNT RUN L.T.M. PULLED L.T.M.	TYPE	COND.	SK. CEMENT

MUD TESTS			
TOUR	MORN	DAY	EVE
WT.			
VIS.			
W.L.			
PH.			
F.C.			

SLOPE TESTS	
DEPTH	DEGREE OFF

BIT DATA			
NO			
DEPTH IN			
SIZE			
MFG.			
TYPE			
SER. NO.			

DEPTH PREVIOUS REPORT ____ FT. DEPTH THIS REPORT ____ FT. GAS USED ____ HRS. WATER USED ____ BBLS HRS

TOTAL DAY WORK THIS 24 HRS. ____ HRS. WITH DRILL PIPE ____ HRS. WITHOUT DRILL PIPE 24 HRS. STANDBY

SIGNED J. Ruschka CHECKED ____

FOREMAN SUPERINTENDENT

* Show total hours each tour for Drilling, Coring, DST, Logging, Shut Down, Running Casing, WOC, Completing, Loss Circulation, etc. Under REMARKS: Describe fully all shows Oil, Gas and Water, cause of Shut Down, Fishing Jobs, Casing Jobs, Steel line correction and all pertinent information not show elsewhere on report.

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FORM 16-38-5M

SKELLY OIL COMPANY
DRILLERS REPORT

LEASE NAME Shell Getty Ramsey Fee-Hudgeon WELL NO. C-28 DATE July 17, 1962

CONTRACTOR S & T Drilling (Hunsteen) Co. Ltd. KIND OF TOOLS Rotary

ON TOUR: 12 M. P. M. TO 8 A. M. DRILLER: W. A. Scott

FORMATION	FROM	TO	REMARKS
			12 - 7:40 - W.O.C.
			7:40 - 8:00 Rig Down & Move To Run Plug #3

* RIG TIME DATA	HOURS
Abandon Well	8

Set Plug #2 @ 1532'

DAY WORK THIS TOUR; _____ HRS WITH DRILL PIPE _____ HRS WITHOUT DRILL PIPE _____ HRS. STANDBY

ON TOUR 5 A M TO 4 P M DRILLER: J. Armstrong

FORMATION	FROM	TO	REMARKS
			5 - 11 - Move To Run Plug #3
			11 - 12 - Rig Up
			12 - 4 - W.O.C.

* RIG TIME DATA	HOURS
Abandon well	8

Plug #3 1250 - 1150 - 100'
Cement w/ 125 Sxs Const. Plus 3% calcl
Down @ 1230 noon

DAY WORK THIS TOUR; _____ HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ HRS. STANDBY

ON TOUR 4 P M TO 12 P M DRILLER:

FORMATION	FROM	TO	REMARKS
			4 - 11 - W.O.C. Set Plug #3 @ 7 P.M.
			at 1082' w/ 50 Sxs Cement
			7 - 4:30 - Lay Down Rest of Pipe

* RIG TIME DATA	HOURS

4:30 - 7 - Tear out BOP's
Set Plug #3 @ 1082 w/ 50 Sxs DSI.
Tubing Cut off @ Top w/ 5 Sxs Cement.
Welded Steel Plate & Signed
Rig Released @ 8 P.M. July 17 '62.

DAY WORK THIS TOUR; _____ HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ HRS. STANDBY

CASING RECORD

SIZE	WT.	THDS.	JTS.	WHERE SET	AMOUNT RUN L.T.M. PULLED L.T.M.	TYPE	COND.	SK. CEMENT
13 3/8	48#	8R	10	322. K.B.	304	S&L H-55	NEW	300
9 5/8	36#	8R	39	1201 K.B.	1204	LT&MW H-55	NEW	576

MUD TESTS				SLOPE TESTS		BIT DATA			
TOUR	MORN	DAY	EVE	DEPTH	DEGREE OFF	NO			
WT.						DEPTH IN			
VIS.	Sent out for Cementer.					SIZE			
W.L.		Plug				MFG.			
PH.	Baroid	Well				TYPE			
F.C.	Job Not Tested					SER. NO.			

DEPTH PREVIOUS REPORT _____ FT. DEPTH THIS REPORT _____ FT. GAS USED _____ MCF HRS. WATER USED _____ BBLS HRS

TOTAL DAY WORK THIS 24 HRS; 16½ HRS. WITH DRILL PIPE 11 HRS. WITHOUT DRILL PIPE 5½ HRS. STANDBY

SIGNED _____ FOREMAN CHECKED _____ SUPERINTENDENT

* Show total hours each tour for Drilling, Coring, DST, Logging, Shut Down, Running Casing, WOC, Completing, Loss Circulation, etc. Under REMARKS, Describe fully all shows Oil, Gas and Water, cause of Shut Down, Fishing Jobs, Casing Jobs, Steel line correction and all pertinent information not show elsewhere on report.

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FORM 16-38-865

SKELLY OIL COMPANY
DRILLERS REPORT

LEASE NAME Skelly Getty Ramsey Ft. McDowell WELL NO. C-15 DATE Sept 14 1962

CONTRACTOR Sid Gilliland (Western) Co. KIND OF TOOLS Rotary

ON TOUR: 12:00 A M TO 8:00 P M DRILLER: W. H. Kerr

FORMATION	FROM	TO	REMARKS
Testing	4 Hrs.	4:00	Rig up to test & test.
Tripping	4 Hrs.	8:00	Trip out w/DST #1

* RIG TIME DATA	HOURS
DST #1	9941 - 10,066'
5 Min Prefio Weak Blow decreasing to N.I.	
ISI 1 HR:	
I-O 30 Min Fair Air Blow dead in 25 Min.	
FSI 120 Min.	Recovery 220' Salty Mud. 825' Salty Water. 133,000 PPM.

PRESSURES DST
IH 4684
FH 4578
I-F 320
F-F - 635
ISI - 4525
FSI - 4368

DAY WORK THIS TOUR: ____ HRS WITH DRILL PIPE ____ HRS WITHOUT DRILL PIPE ____ HRS STANDBY

ON TOUR 8:00 P M TO 4:00 P M DRILLER: E. Hensley

FORMATION	FROM	TO	REMARKS
		8:00 - 8:45	- Finish Out w/DST #1
		8:45 - 12:00	- W.O.C.
		12:00 - 1:00	- Break & Lay Down Test Tool
		1:00 - 4:00	- Run in & Lay Down DC's & Flex Jt.

* RIG TIME DATA	HOURS
Tripping	3 3/4
Handle Test Tools	1
W.O.C.	3 1/4

Rec. Rec'd 2 sks C-Flex Wt Used Hi Tan Pipe

DAY WORK THIS TOUR: ____ HRS. WITH DRILL PIPE ____ HRS. WITHOUT DRILL PIPE ____ HRS. STANDBY

ON TOUR 4:00 P M TO 12:00 P M DRILLER:

FORMATION	FROM	TO	REMARKS
		4:00 - 7:00	- Run in w/ Open End D.P.
		7:00 - 8:00	- Circ.
		8:00 - 9:00	- Run Plug #1
		9:00 - 10:00	- Pull 36 Std.
		10:00 - 11:00	- Run Plug #2
		11:00 - 12:00	- W.O.C.

* RIG TIME DATA	HOURS
Trip.	3
Circ	1
Abandon Well	4
Plugging.	

Plug #1 9900-10,066
90 sks Const. Cement.
Plug #2 6700-6600'
60 sks Const. Cement.
Down @ 11:00 P.M.

DAY WORK THIS TOUR: ____ HRS. WITH DRILL PIPE ____ HRS. WITHOUT DRILL PIPE ____ HRS. STANDBY

CASING RECORD

SIZE	WT.	THDS.	JTS.	WHERE SET	AMOUNT RUN L.T.M. PULLED L.T.M.	TYPE	COND.	SK. CEMENT
13 3/8	48#	8rd	10	322 K.B.	304	Sel. H-55	New	1200
4 1/2	24#	8rd	321	10,031 K.B.	10,024	Lynn H-55	New	500

MUD TESTS

TOUR	MORN	DAY	EVE
WT.			
VIS.			
W.L.			
PH.			
F.C.			

SLOPE TESTS

DEPTH	DEGREE OFF

BIT DATA

NO			
DEPTH IN			
SIZE			
MFG.			
TYPE			
SER. NO.			

DEPTH PREVIOUS REPORT 10066 FT. DEPTH THIS REPORT ____ FT. GAS USED ____ MCF WATER USED ____ BBLS HRS

TOTAL DAY WORK THIS 24 HRS: 19 3/4 HRS. WITH DRILL PIPE ____ HRS. WITHOUT DRILL PIPE 4 1/4 HRS. STANDBY

SIGNED ____ FOREMAN CHECKED ____ SUPERINTENDENT

* Show total hours each tour for Drilling, Coring, DST, Logging, Shut Down, Running Casing, WOC, Completing, Loss Circulation, etc. Under REMARKS, Describe fully all above Oil, Gas and Water, cause of Shut Down, Fishing Jobs, Casing Jobs, Steel line correction and all pertinent information not show elsewhere on report.

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FORM 16-38-865

SKELLY OIL COMPANY
DRILLERS REPORT

LEASE NAME [illegible] WELL NO. C-78 DATE [illegible]

CONTRACTOR [illegible] KIND OF TOOLS ROTARY

ON TOUR: 12 P M. TO 2 A M DRILLER: [illegible]

FORMATION	FROM	TO	REMARKS
	10066		12:00 - 12:15 Pull in w/ Pipe
			12:15 - 12:45 Pick up Kelly, Pipe.
			12:45 - 5:00 Circulate

* RIG TIME DATA	HOURS
Trip	3/4
Wait	7 1/4

DAY WORK THIS TOUR: ____ HRS WITH DRILL PIPE ____ HRS WITHOUT DRILL PIPE ____ HRS. STANDBY

ON TOUR 5:00 P M TO 4:00 A M DRILLER: [illegible]

FORMATION	FROM	TO	REMARKS
			5:00 - 10:00 - Trip in w/ 10,0
			10:00 - 12:00 - Circ. to Fill
			12:00 - 2:00 - w/ Schl. Roter Shut-Offs - O.K.
			2:00 - 4:00 - Make up Testing Tool

* RIG TIME DATA	HOURS
Wait	3 1/2
Trip.	3
Rig Ser.	1/4
Handle Test Tools	1 3/4

DAY WORK THIS TOUR: ____ HRS. WITH DRILL PIPE ____ HRS. WITHOUT DRILL PIPE ____ HRS. STANDBY

ON TOUR 4:00 P M TO 12:00 P M DRILLER:

FORMATION	FROM	TO	REMARKS
			4:00 - 9:00 - Trip in w/ Testing Tool
			9:00 - 9:30 - Rig to Flow w/ DST #1 - Strap In
			9:30 - 12:00 Pick up 31 Jts. 4" DP

* RIG TIME DATA	HOURS

DAY WORK THIS TOUR: ____ HRS. WITH DRILL PIPE ____ HRS. WITHOUT DRILL PIPE ____ HRS. STANDBY

CASING RECORD

SIZE	WT.	THDS.	JTS.	WHERE SET	AMOUNT	RUN L.T.M. / PULLED L.T.M.	TYPE	COND.	SK. CEMENT
13 3/8	48#	8R	10	382 K.B.	364		8 5/8 K-55	NEW	1200
9 5/8	36#	8R	59	1881 K.B.	1207		7 5/8 K-55	NEW	2 [illegible]

MUD TESTS				SLOPE TESTS		BIT DATA			
TOUR	MORN	DAY	EVE	DEPTH	DEGREE OFF	NO			
WT.	9.0					DEPTH IN			
VIS.	47					SIZE			
W.L.	5.6					MFG.			
PH.	9.5					TYPE			
F.C.	1/32					SER. NO.			

DEPTH PREVIOUS REPORT 10,066 FT. DEPTH THIS REPORT ____ FT. GAS USED ____ HRS. WATER USED ____ BBLS HRS

TOTAL DAY WORK THIS 24 HRS; 24 HRS. WITH DRILL PIPE ____ HRS. WITHOUT DRILL PIPE (10 3/4) HRS. STANDBY

SIGNED [illegible] CHECKED ____

FOREMAN SUPERINTENDENT

* Show total hours each tour for Drilling, Coring, DST, Logging, Shut Down, Running Casing, W.O.C., Completing, Lost Circulation, etc. Under REMARKS, Describe fully all shows Oil, Gas and Water, cause of Shut Down, Fishing Jobs, Casing Jobs, Steel line correction and all pertinent information not show elsewhere on report.

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FORM 16-38-865

SKELLY OIL COMPANY
DRILLERS REPORT

LEASE NAME Skelly Getty Hobbs Ft Worth WELL NO. C-71 DATE Jan 14/1972

CONTRACTOR Sft Drilling (Western) Co LTD KIND OF TOOLS Rotary

ON TOUR: 11 P M. TO 7 A.M DRILLER: W. H. Lee

FORMATION	FROM	TO	REMARKS
	10066		12-6 Logging w/ Schlumberger

* RIG TIME DATA	HOURS
Log	8

DAY WORK THIS TOUR: ____ HRS WITH DRILL PIPE ____ HRS. WITHOUT DRILL PIPE ____ HRS. STANDBY

ON TOUR 7 A M TO 4 P M DRILLER: J. Hinkley

FORMATION	FROM	TO	REMARKS
	10066		7-4 - Logging w/ Schlumberger

* RIG TIME DATA	HOURS
Log	9

DAY WORK THIS TOUR: ____ HRS. WITH DRILL PIPE ____ HRS. WITHOUT DRILL PIPE ____ HRS. STANDBY

ON TOUR 4 P M TO 12 P M DRILLER:

FORMATION	FROM	TO	REMARKS
	10066		4-6 - Logging w/ Schlumberger
			6-8 - Rig Loggers Down & DC's Reamed Stab. & Shock Sub
			8-9 - Circulated filter in
			9-9:30 - Slip & cut line
			9:30-11:00 - Pick up tools, trip pipe
			11:00-12:00 - Ream to bottom (5 FT)

* RIG TIME DATA	HOURS
Log	2
Tripping in	6
Open End	

DAY WORK THIS TOUR: ____ HRS. WITH DRILL PIPE ____ HRS. WITHOUT DRILL PIPE ____ HRS. STANDBY

CASING RECORD

SIZE	WT.	THDS.	JTS.	WHERE SET	AMOUNT RUN L.T.M. PULLED L.T.M.	TYPE	COND.	SK. CEMENT
13 3/8	48#	8R	12	526 K.B.	526	Sft K-55	NEW	1300
9 5/8	36#	8R	29	12101 K.B.	12101	Lynn K-55	NEW	610

MUD TESTS			
TOUR	MORN	DAY	EVE
WT.			
VIS.			
W.L.			
PH.			
F.C.			

SLOPE TESTS	
DEPTH	DEGREE OFF

BIT DATA			
NO			
DEPTH IN			
SIZE			
MFG.			
TYPE			
SER. NO.			

DEPTH PREVIOUS REPORT ____ FT. DEPTH THIS REPORT 10066 FT. GAS USED ____ HRS. WATER USED ____ BBLS HRS

TOTAL DAY WORK THIS 24 HRS; 6 HRS. WITH DRILL PIPE 18 HRS. WITHOUT DRILL PIPE ____ HRS. STANDBY

SIGNED [signature] FOREMAN CHECKED ____ SUPERINTENDENT

* Show total hours each tour for Drilling, Coring, DST, Logging, Shut Down, Running Casing, WOC, Completing, Loss Circulation, etc. Under REMARKS, Describe fully all shows Oil, Gas and Water, cause of Shut Down, Fishing Jobs, Casing Jobs, Steel line correction and all pertinent information not show elsewhere on report.

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FORM 16-38-865

SKELLY OIL COMPANY
DRILLERS REPORT

LEASE NAME Ellis 5th Acres E. McPherson WELL NO. C-7F DATE Jan 17 1958

CONTRACTOR T.T. Drilling Co. KIND OF TOOLS Rotary

ON TOUR: 12 P.M. TO 8 A.M. DRILLER: W. H. Lintz

FORMATION	FROM	TO	REMARKS
	9940	10056	12:00 - 12:45 - Circ. W. Vis. 40
			12:45 - 5:30 Drlg. R. Pv. 40
			5:30 - 7:00 Circ. Bottoms Up 5.2m. 35
			7:00 - 9:00 Round Trip P.S.I. 1550

* RIG TIME DATA	HOURS
Drilling	5 1/4
Circ Sample	1/4
Circ + Trip To Good Hole To Log.	2 1/2

Gel 25 sx.
Cellex 2 sx.

DAY WORK THIS TOUR: _____ HRS WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ HRS. STANDBY

ON TOUR 3:00 P M TO 4:00 P M DRILLER: B. Armstrong

FORMATION	FROM	TO	REMARKS
	10050		8:00 - 10:30 - Circ To Log
			10:30 - 10:45 - Survey
			10:45 - 3:45 - Hoist To Log - Double Strap Out
			3:45 - 4:00 - Rig Up Schlumberger.

* RIG TIME DATA	HOURS
Circ	2 1/2
Survey	1/4
Trip	5
Rig Laccom's	1/4

Board Tally - 10050
Strap Out - 10066.24
Log 16.24

DAY WORK THIS TOUR: _____ HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ HRS. STANDBY

ON TOUR 12:00 P M TO 12:00 P M DRILLER:

FORMATION	FROM	TO	REMARKS
	~~10050~~		12:00 - 12:00 - Logging W/ Schlumberger
	10066		

* RIG TIME DATA	HOURS
Log	8

DAY WORK THIS TOUR: _____ HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ HRS. STANDBY

CASING RECORD

SIZE	WT.	THDS.	JTS.	WHERE SET	AMOUNT RUN L.T.M. PULLED L.T.M.	TYPE	COND.	SK. CEMENT
12 3/4	40#	8R	10	322 K.B.	324	Spl K-55	New	1200
9 5/8	36#	8R	94	1201 K.B.	1204	Mixed K-55	New	650

MUD TESTS

TOUR	MORN	DAY	EVE
WT.		9.5	
VIS.		42	
W.L.		6.0	
PH.		9.0	
F.C.		1/32	

SLOPE TESTS

DEPTH	DEGREE OFF
10050	1-1/4

BIT DATA

NO	25		
DEPTH IN	9940		
SIZE	8 3/4		
MFG.	SEC		
TYPE	M-86		
SER. NO.	339722		

DEPTH PREVIOUS REPORT 9940 FT. DEPTH THIS REPORT 10056 FT. GAS USED _____ HRS. WATER USED _____ BBLS HRS

TOTAL DAY WORK THIS 24 HRS. 15 24 HRS. WITH DRILL PIPE 8 1/4 HRS. WITHOUT DRILL PIPE _____ HRS. STANDBY

SIGNED _____ FOREMAN CHECKED _____ SUPERINTENDENT

* Show total hours each tour for Drilling, Coring, DST, Logging, Shut Down, Running Casing, WOC, Completing, Loss Circulation, etc. Under REMARKS, Describe fully all shows Oil, Gas and Water, cause of Shut Down, Fishing Jobs, Casing Jobs, Steel line correction and all pertinent information not show elsewhere on report.

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FORM 16-38-865

SKELLY OIL COMPANY
DRILLERS REPORT

LEASE NAME Skelly Getty Ryder Ft Stockton WELL NO. C-28 DATE July 13/1972

CONTRACTOR Sif Drilling (Western) Co Ltd KIND OF TOOLS Rotary

ON TOUR: 12:00 P M. TO 4:00 P.M DRILLER: W. M. Scott

FORMATION	FROM	TO	REMARKS
	9850		12:30 - 1:30 - Finish out - W/Bit
			1:30 - 2:00 - Change Bits - BOP's
			2:00 - 2:05 - Set Wb
★ RIG TIME DATA	HOURS		2:05 - 3:00 - Lay down 4 pt. Kelly & Single DC
Tripping	8		Pick up Shock Sub.
			3:00 - 4:00 - Run DC's Flex Weight in
			4:00 - 4:30 - Slip 33' line 7:45 - 8:00 - Circ Bottom.
			4:30 - 7:00 - Run in w/Bit
			7:00 - 7:45 Break Circ & Clean to Btm

DAY WORK THIS TOUR: _____ HRS WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ HRS. STANDBY

ON TOUR 5:00 M TO 4:00 P M DRILLER: B Hamilton

FORMATION	FROM	TO	REMARKS	
	9850	9897	5:00 - 10:00 - Until Going In & Cleaning Bottom	WOB - 40 M
			10:00 - 11:00 - Drlg	RPM - 40
			11:00 - 11:15 - Rig Serv. - Lay DP's Kelly Cock	SPM - 58
★ RIG TIME DATA	HOURS		11:15 - 4:00 - Drlg	PSI - 1550
Clean Btm of Hole & Unplug Jet	2			
Drilling	5 3/4		Mud - Vis - 35 Sec	
Rig Serv.	1/4		W.L. 10.0 - 4 cc	
			Chlorides - 1 Shot	

DAY WORK THIS TOUR: _____ HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ HRS. STANDBY

ON TOUR 4:00 P M TO 12:00 P M DRILLER:

FORMATION	FROM	TO	REMARKS	
	9897	9940	4:00 - 6:15 - Drlg	WOB 40 M.
			6:15 - 6:30 - Rig Serv	RPM 40
			6:30 - 7:15 - Drlg	SPM 58
★ RIG TIME DATA	HOURS		7:15 - 9:00 - Circ Sample	PSI 1550
Drill	3 1/4		9:00 - 9:15 - Drlg	
Circ Sample.	4 1/2		9:15 - 12:00 - Circ Sample	
Rig Serv.	1/4			

DAY WORK THIS TOUR: _____ HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ HRS. STANDBY

CASING RECORD

SIZE	WT.	THDS.	JTS.	WHERE SET	AMOUNT RUN L.T.M. PULLED L.T.M.	TYPE	COND.	SK. CEMENT
13 3/8	48#	8R	10	312 K.B.	304	5 1/2 K-55	New	1200
9 5/8	36#	8R	39	1201 K.B.	1204	Mann K-55	New	676

MUD TESTS				SLOPE TESTS		BIT DATA			
TOUR	MORN	DAY	EVE	DEPTH	DEGREE OFF	NO	55		
WT.		9.9+	9.9+			DEPTH IN	9850		
VIS.		54	54			SIZE	9 7/8		
W.L.		10	10			MFG.	Sec		
PH.		9.5	9.5			TYPE	F-55		
F.C.		2/32	2/32			SER. NO.	334122		

DEPTH PREVIOUS REPORT 9850 FT. DEPTH THIS REPORT 9940 FT. GAS USED _____ HRS. WATER USED _____ BBLS HRS

TOTAL DAY WORK THIS 24 HRS. 24 HRS WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ HRS. STANDBY

SIGNED _____ FOREMAN CHECKED _____ SUPERINTENDENT

★ Show total hours each tour for Drilling, Coring, DST, Logging, Shut Down, Running Casing, WOC, Completing, Loss Circulation, etc. Under REMARKS, Describe fully all shows Oil, Gas and Water, cause of Shut Down, Fishing Jobs, Casing Jobs, Steel line correction and all pertinent information not show elsewhere on report.

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FORM 16-38-895

SKELLY OIL COMPANY
DRILLERS REPORT

LEASE NAME SKELLY SETTLE ANNEX FT. STOCKTON WELL NO. C-78 DATE Jan. 18/1958

CONTRACTOR S&T DRILLING (WESTERN) CO. LTD. KIND OF TOOLS ROTARY

ON TOUR: 12:00 P. M. TO 7:00 P.M DRILLER: W. H. KINSEY

FORMATION	FROM	TO	REMARKS	
	9681	9734	12:00 - 12:15 - SER. RIG & BOPS	W. OB. 40
			12:15 - 12:45 - DRLG	R.P.M. 90
			12:45 - 1:15 - WORK ON SHAKER	S.P.M. 59
			1:15 - 8:00 - DRLG	PSI 1550
			GEL 10 SX	
			CEMENT 1 SX	
			CAUSTIC 1 SK	

* RIG TIME DATA	HOURS
Drilling	7 1/4
Rig Ser.	1/4
Repair.	1/2

DAY WORK THIS TOUR: _____ HRS WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ HRS STANDBY

ON TOUR 8:00 H M TO 4:00 P M DRILLER: D. Hinton

FORMATION	FROM	TO	REMARKS	
	9734	9805	8:00 - 8:30 - DRLG 8 3/4 Hole	WOB - 42 M
			8:30 - 8:45 - Rig Serv. - Check BOPS & Kelly Cock	RPM - 46
			8:45 - 3:00 - DRLG 8 3/4 Hole	SPM - 58
			3:00 - 4:00 - Circ Sample	PSI - 1525

* RIG TIME DATA	HOURS
Drill	6 3/4
Rig Ser.	1/4
C/Sample.	1

Mixed - WJ 100 - 2 SAK
Caustic - 1 SACK

DAY WORK THIS TOUR: _____ HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ HRS. STANDBY

ON TOUR 4:00 P M TO 12:00 P M DRILLER:

FORMATION	FROM	TO	REMARKS	
	9805	9850	4:00 - 6:00 - DRLG	WOB. 42M.
			6:00 - 6:15 - Rig Service	R.P.M. 48
			6:15 - 9:00 - DRLG 8 3/4 Hole	SPM. 57
			9:00 - 9:15 - Work Junk Sur	PSI 1525
			9:15 - 9:30 - Survey	
			9:30 - 12:00 Trip for Bit Strapout	

* RIG TIME DATA	HOURS
Drill	4 3/4
Survey	1/4
Trip	2 3/4
Rig Ser.	1/4

DAY WORK THIS TOUR: _____ HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ HRS. STANDBY

CASING RECORD

SIZE	WT.	THDS.	JTS.	WHERE SET	AMOUNT RUN L.T.M. PULLED L.T.M.	TYPE	COND.	SK. CEMENT
13 3/8	48#	8R	10	SER. K.B.	304	S&L K-55	NEW	1300
9 5/8	36#	8R	34	12W. K.B.	1204	HANN K-55	NEW	670

MUD TESTS

TOUR	MORN	DAY	EVE
WT.	9.9	9.9+	
VIS.	54	54	
W.L.	15	5.6	
PH.	9.0	9.5	
F.C.	2/32	2/32	

SLOPE TESTS

DEPTH	DEGREE OFF
9750	

BIT DATA

NO	24		
DEPTH IN	1681		
SIZE	9 7/8		
MFG.	SEC		
TYPE	588		
SER. NO.	91411		

DEPTH PREVIOUS REPORT 9681 FT. DEPTH THIS REPORT 9850 FT. GAS USED _____ HRS. WATER USED _____ BBLS HRS

TOTAL DAY WORK THIS 24 HRS: 24 HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ HRS. STANDBY

SIGNED _____ FOREMAN CHECKED _____ SUPERINTENDENT

* Show total hours each tour for Drilling, Coring, DST, Logging, Shut Down, Running Casing, W.O.C., Completing, Loss Circulation, etc. Under REMARKS, Describe fully all shows Oil, Gas and Water, cause of Shut Down, Fishing Jobs, Casing Jobs, Steel line correction and all pertinent information not show elsewhere on report.

FORM 16-38-865

DEPT. OF INDIAN AFFAIRS & PRINTED IN U.S.A. NORTHERN AFFAIRS
OIL & MINERAL DIVISION
JUL 19 1972
INUVIK, N.W.T.
DISTRICT CONSERVATION ENGINEER
Northwest Territories & Yukon Territory

SKELLY OIL COMPANY
DRILLERS REPORT

LEASE NAME Shell/Getty/Aquitaine/Fl. McPherson WELL NO. C-75 DATE July 7 1972

CONTRACTOR Sit Drilling (Western) Co. Ltd. KIND OF TOOLS Rotary

ON TOUR: 12:00 A. M. TO 7:00 A. M. DRILLER: W. N. Scott

FORMATION	FROM	TO	REMARKS
	9627	9681	12:00 - 2:00 - Drlg.
			2:00 - 2:15 - Trip in & Ream
			2:15 - 7:00 - Drlg.

* RIG TIME DATA	HOURS
Drilling	7 3/4
Rig Ser.	1/4

WOB 45
RPM 40
PSI 1575
SPM 58

Gel 10#
Cellex 1#
Caustic 2#

DAY WORK THIS TOUR; ____ HRS WITH DRILL PIPE ____ HRS WITHOUT DRILL PIPE ____ HRS. STANDBY

ON TOUR 7:00 A M TO 4:00 P M DRILLER: K. Armstrong

FORMATION	FROM	TO	REMARKS
	9674	9681	7:00 - 8:45 - Drlg. 8 3/4 Hole
			8:45 - 9:00 - Rig Serv. - Check BOP's & Kelly Cock
			9:00 - 10:00 - Drlg. 8 3/4 Hole
			10:00 - 10:15 - Survey
			10:15 - 2:45 - Hoist Bit #23 - Shop Out
			2:45 - 3:00 - Check BOP's & Motor. Shut-Offs
			3:00 - 3:30 - Clean Junk Sub
			3:30 - 4:00 - Run In w/Bit #24

* RIG TIME DATA	HOURS
Drill	1 3/4
Rig Ser	1/4
Survey	1/4
Trip	5 3/4

Bit #23 - 219' in 25 3/4 Hrs T-4 B-3, G-0 1/16

WOB - 45
RPM - 40
SPM - 58
PSI - 1575

DAY WORK THIS TOUR; ____ HRS. WITH DRILL PIPE ____ HRS. WITHOUT DRILL PIPE ____ HRS. STANDBY

ON TOUR 4:00 P M TO 12:00 M DRILLER:

FORMATION	FROM	TO	REMARKS
	9681		4:00 - 4:30 - Run In w/DC & Flex
			4:30 - 5:00 - Slip 23' Drlg Line
			5:00 - 6:30 - Run In w/Bit #24
			6:30 - 7:15 - Break Circ.
			7:15 - 8:15 - Lay Down 15 Jts Pipe
			8:15 - 8:30 - Run in with T
			8:30 - 9:30 - Ream out at 7430 to 7550
			9:30 - 10:30 - Finish in w/Bit
			10:30 - 11:00 - Pick up 15 Jts.

* RIG TIME DATA	HOURS
Tripping	8

11:00 - 11:30 Clean 15' Fill
11:30 - 12:00 Circ Bottoms

DAY WORK THIS TOUR; ____ HRS. WITH DRILL PIPE ____ HRS. WITHOUT DRILL PIPE ____ HRS. STANDBY

CASING RECORD

SIZE	WT.	THDS.	JTS.	WHERE SET	AMOUNT RUN L.T.M. PULLED L.T.M.	TYPE	COND.	SK. CEMENT
13 3/8	48#	8R	10	322 K.B.	304	Smls K-55	New	1300
9 5/8	36#	8R	39	1201 K.B.	1204	Smls K-55	New	676

MUD TESTS

TOUR	MORN	DAY	EVE
WT.	9.9+	9.9+	
VIS.	55	55	
W.L.	5.6	5.6	
PH.	~~9.5~~	9.5	
F.C.	2/32	2/32	

SLOPE TESTS

DEPTH	DEGREE OFF
7650	3/4

BIT DATA

NO	23	24
DEPTH IN	9462	9681
SIZE	8 3/4	8 3/4
MFG.	H.W.	Sec
TYPE	J-44	S88
SER. NO.	DT 291	912271

DEPTH PREVIOUS REPORT 9627 FT. DEPTH THIS REPORT 9681 FT. GAS USED ____ HRS. WATER USED ____ BBLS HRS

TOTAL DAY WORK THIS 24 HRS; 24 HRS. WITH DRILL PIPE ____ HRS. WITHOUT DRILL PIPE ____ HRS. STANDBY

SIGNED J. Turcotte FOREMAN CHECKED [signature] SUPERINTENDENT

* Show total hours each tour for Drilling, Coring, DST, Logging, Shut Down, Running Casing, WOC, Completing, Loss Circulation, etc. Under REMARKS; Describe fully all shows Oil, Gas and Water, cause of Shut Down, Fishing Jobs, Casing Jobs, Steel line correction and all pertinent information not show elsewhere on report.

FORM 16-38-865

SKELLY OIL COMPANY
DRILLERS REPORT

OIL & MINERAL DIVISION
JUL 17 1972
INUVIK, N.W.T.
DISTRICT CONSERVATION ENGINEER
Northwest Territories & Yukon Territory

LEASE NAME SKELLY GETTY ARCO FT. MCPHERSON. WELL NO. C-76 DATE July 6 1972

CONTRACTOR S&T DRILLING (WESTERN) CO. LTD. KIND OF TOOLS ROTARY

ON TOUR: 12:00 P.M. TO 8:00 A.M. DRILLER: W.H. Lewis

FORMATION	FROM	TO	REMARKS	
	9462	9520	12:00-1:30 - CIRC. 5' F.U. & RIG BOTTOM	W.O.B. 44
			1:30-8:00 DRLG.	R.P.M. 40
				B.P.I. 1575
* RIG TIME DATA	HOURS			SPM. 58
DRILLING	6 1/2			
T.R.P.	1 1/2		GEL 15 SK.	
			WA. 100 2 SK.	

DAY WORK THIS TOUR; _____ HRS WITH DRILL PIPE _____ HRS WITHOUT DRILL PIPE _____ HRS. STANDBY

ON TOUR 8:00 A.M. TO 4:00 P.M. DRILLER: G. Armstrong J

FORMATION	FROM	TO	REMARKS	
	9520	9575	8:00-12:00 - DRLG 8 3/4 HOLE	WOB-45 M
			12:00-12:15 - RIG SERV. - J BOPS & KELLY COCK	RPM - 40
			12:15-4:00 - DRLG 8 3/4 HOLE	SPM - 58
* RIG TIME DATA	HOURS			PSI - 1575
DRILLING	7 3/4			
RIG SER & BOPS	1/4			
			MIXED - CAUSTIC - 2 SAX	
			CELLO FLAK - 1 SACK	
			GEL - 10 SAX	

DAY WORK THIS TOUR; _____ HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ HRS. STANDBY

ON TOUR 4:00 P.M. TO 12:00 P.M. DRILLER:

FORMATION	FROM	TO	REMARKS	
	9575	9627	4:00-4:45 - DRLG 8 3/4 HOLE	W.O.B. 45
			4:45-5:15 - W.L. SURVEY	R.P.M. 40
			5:15-5:30 - RIG SERVICE	S.P.M. 58
* RIG TIME DATA	HOURS		5:30-9:15 - DRLG 8 3/4 HOLE	P.S.I. 1575
DRILLING	2		9:15-11:30 - CIRC UP SAMPLE	
SURVEY	1/2		11:30-12:00 - DRLG.	
CIRC SAMPLE.	2 1/4			
RIG SER.	1/4			

DAY WORK THIS TOUR; _____ HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ HRS. STANDBY

CASING RECORD

SIZE	WT.	THDS.	JTS.	WHERE SET	AMOUNT RUN L.T.M. PULLED L.T.M.	TYPE	COND.	SK. CEMENT
13 3/8	48#	8R	10	382 K.B.	394	S&L K-55	NEW	1300
9 5/8	36#	8R	39	1208 K.B.	1204	BUTT K-55	NEW	676

MUD TESTS

TOUR	MORN	DAY	EVE
WT.	9.4+	9.0	8.9+
VIS.	54	57	45
W.L.	5.4	5.6	6.2
PH.	9.5	9.0	9.5
F.C.	2/32	2/32	4/32

SLOPE TESTS

DEPTH	DEGREE OFF
7573	3 1/2°

BIT DATA

NO	23		
DEPTH IN	9462		
SIZE	8 3/4		
MFG.	H.W.		
TYPE	J-44		
SER. NO.	DT-391		

DEPTH PREVIOUS REPORT _____ FT. DEPTH THIS REPORT _____ FT. GAS USED _____ HRS. WATER USED _____ BBLS HRS

TOTAL DAY WORK THIS 24 HRS; 24 HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ HRS. STANDBY

SIGNED _____ FOREMAN CHECKED _____ SUPERINTENDENT

* Show total hours each tour for Drilling, Coring, DST, Logging, Shut Down, Running Casing, WOC, Completing, Loss Circulation, etc.
Under REMARKS; Describe fully all shows Oil, Gas and Water, cause of Shut Down, Fishing Jobs, Casing Jobs, Steel line correction and all pertinent information not show elsewhere on report.

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FORM 16-38-865

SKELLY OIL COMPANY
DRILLERS REPORT

LEASE NAME Skelly Getty Amoco Ft Jefferson WELL NO. C-78 DATE July 8 / 1972

CONTRACTOR S & T Drilling (Western) Co. Ltd. KIND OF TOOLS Rotary

ON TOUR: 12:00 P.M. TO 8:00 A.M DRILLER: W. H. Smith

FORMATION	FROM	TO	REMARKS
	9359	9420	12:00 - 2:30 - Drlg — W.O.B. 1:4
			2:30 - 2:45 - Ser Rig & BOP — R.P.M. 40
			2:45 - 6:15 - Drlg — S.P.M. 58
* RIG TIME DATA	HOURS		6:15 - 7:00 - W.L. Survey — P.S.I. 1550
Drilling	7		7:00 - 8:00 Drlg
Survey	3/4		
Rig Ser.	1/4		
			Gel 10 sx.
			Cellex 1 sx.

DAY WORK THIS TOUR: ____ HRS WITH DRILL PIPE ____ HRS. WITHOUT DRILL PIPE ____ HRS. STANDBY

ON TOUR 8:00 P M TO 4:00 P M DRILLER: B. Armstrong

FORMATION	FROM	TO	REMARKS
	9420	9462	8:00 - 10:15 - Drlg 8 3/4 Hole — WOB - 44 M
			10:15 - 10:30 - Rig Service - v BOP's & Kelly Cock — RPM - 40
			10:30 - 2:00 - Drlg 8 3/4 Hole — SPM - 58
* RIG TIME DATA	HOURS		2:00 - 3:00 - Circ — PSI - 1550
			3:00 - 4:00 - Survey - Hoist Bit #22 — Mixed - Caustic 25 Sx
Drilling	5 3/4		
Rig Ser.	1/4		
Circ Sample	1		
Trip	1		Bit #22 - 433' in 56.4 hr T-8 B-3 G-1

DAY WORK THIS TOUR: ____ HRS. WITH DRILL PIPE ____ HRS. WITHOUT DRILL PIPE ____ HRS. STANDBY

ON TOUR 4:00 P M TO 12:00 P M DRILLER:

FORMATION	FROM	TO	REMARKS
	9462		4:00 - 7:00 - Hoist Bit #22 - Strap Out
			7:00 - 7:15 - v BOP's
			7:15 - 8:00 - Clean Out Junk Sub - Make Up Bit #23
* RIG TIME DATA	HOURS		8:00 - 8:15 - Ser Rig
Trip & Slip & Cut Drill Line	8		8:15 - 9:00 - Run Dev. Inc.
			9:00 - 9:30 - Slip & Cut Line
			9:30 - 12:00 - Run in w/Bit

DAY WORK THIS TOUR: ____ HRS. WITH DRILL PIPE ____ HRS. WITHOUT DRILL PIPE ____ HRS. STANDBY

CASING RECORD

SIZE	WT.	THDS.	JTS.	WHERE SET	AMOUNT RUN L.T.M. PULLED L.T.M.	TYPE	COND.	SK. CEMENT
13 3/8	41#	8R	10	322 K.B.	304	S & L H-55	NEW	1300
9 5/8	36#	8R	39	1200 K.B.	1204	Mann K-55	NEW	676

MUD TESTS

TOUR	MORN	DAY	EVE
WT.	9.9+	9.6	
VIS.	59	53	48
W.L.	5.6	6.0	11
PH.	9.0	9.0	
F.C.	2/32	2/32	

SLOPE TESTS

DEPTH	DEGREE OFF
9401	3 1/2
9460	3 1/4

BIT DATA

NO	22	23
DEPTH IN	9437	9462
SIZE	8 3/4	8 3/4
MFG.	Hughes	H.W.
TYPE	FB3GJS	J 44
SER. NO.	664771	DT 391

DEPTH PREVIOUS REPORT ____ FT. DEPTH THIS REPORT ____ FT. GAS USED ____ HRS. WATER USED ____ BBLS HRS

TOTAL DAY WORK THIS 24 HRS: 12 HRS. WITH DRILL PIPE ____ HRS. WITHOUT DRILL PIPE ____ HRS. STANDBY

SIGNED ____ FOREMAN CHECKED ____ SUPERINTENDENT

* Show total hours each tour for Drilling, Coring, DST, Logging, Shut Down, Running Casing, W.O.C., Completing, Loss Circulation, etc. Under REMARKS: Describe fully all shows Oil, Gas and Water, cause of Shut Down, Fishing Jobs, Casing Jobs, Steel line corraction and all pertinent information not show elsewhere on report.

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FORM 16-38-B55

SKELLY OIL COMPANY
DRILLERS REPORT

LEASE NAME Skelly/Getty Pivoted Ft. McPherson WELL NO. C-74 DATE July 7, 1972

CONTRACTOR SIT Drilling (Western) Co. Ltd. KIND OF TOOLS Rotary

ON TOUR: 12:00 P.M. TO 8:00 A.M. DRILLER: W.H. Linett

FORMATION	FROM	TO	REMARKS
	9179	9237	12:00 - 1:15 Drlg — W.O.B. 44
			1:15 - 1:30 Ser Rig & BOPs — R.P.M. 45
			1:30 - 5:15 - Drlg — S.P.M. 56
* RIG TIME DATA	HOURS		5:15 - 6:00 - W.L. Survey — P.S.I. 1550
Drilling	7		6:00 - 8:00 - Drlg
Survey	3/4		
Rig Ser	1/4		Gel 10 sx.
			Cables 1 sx

DAY WORK THIS TOUR: _____ HRS WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ HRS. STANDBY

ON TOUR 8:00 P M TO 4:00 P M DRILLER: D. Armstrong

FORMATION	FROM	TO	REMARKS
	9239	9293	8:00 - 9:45 — Drlg 8 3/4 Hole — W.O.B. - 44M
			9:45 - 10:00 - Rig Serv - 4 BOPs & Kelly Cock — R.P.M. - 410
			10:00 - 12:00 - Drlg 8 3/4 Hole — S.P.M. - 58
* RIG TIME DATA	HOURS		12:30 - 1:30 - Circ Sample — P.S.I. - 1550
Drilling	6 1/2		2:00 - 4:00 - Drlg 8 3/4 Hole — Mixed - Gel - 15 Sax
Circ Sample	1 1/2		WL 100 - 2 Sax
Rig Ser & BOP	1/2		Caustic - 2 Sax
			Checked Escape Bugoy & Fire Exting.
			Held Blow-Out Drill. - Tightened All Studs In BOPs & Valves

DAY WORK THIS TOUR: _____ HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ HRS. STANDBY

ON TOUR 4:00 P M TO 12:00 P M DRILLER:

FORMATION	FROM	TO	REMARKS
	9293	9357	4:00 - 6:45 - Drlg 8 3/4 Hole — W.O.B. 44
			6:45 - 7:15 - W.L. Survey — R.P.M. - 40
			7:15 - 7:30 - Rig Serv — S.P.M. - 58
* RIG TIME DATA	HOURS		7:30 - 12:00 - Drlg 8 3/4 Hole — P.S.I. 1550
Drilling	7 1/2		
Survey	1/2		
Rig Serv & BOP	1/2		

DAY WORK THIS TOUR: _____ HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ HRS. STANDBY

CASING RECORD

SIZE	WT.	THDS.	JTS.	WHERE SET	AMOUNT RUN L.T.M. PULLED L.T.M.	TYPE	COND.	SK. CEMENT
13 3/8	48	8R	10	392 K.B.	394	S&L K-55	New	1300
9 5/8	36	8R	54	1201 K.B.	1204	Mann K-55	New	676

MUD TESTS

TOUR	MORN	DAY	EVE
WT.	8.9+	9.0	9.0
VIS.	54	58	51
W.L.	5.0	5.6	6.0
PH.	9.0	9.0	9.0
F.C.	2/32	1/32	2/32

SLOPE TESTS

DEPTH	DEGREE OFF
9212	3 1/4°
9307	3 3/4

BIT DATA

NO	22		
DEPTH IN	8937		
SIZE	8 3/4		
MFG.	Mission		
TYPE	FBPMG		
SER. NO.	669271		

DEPTH PREVIOUS REPORT _____ FT. DEPTH THIS REPORT _____ FT. GAS USED _____ BBLS HRS. WATER USED _____ BBLS HRS

TOTAL DAY WORK THIS 24 HRS: 24 HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ HRS. STANDBY

SIGNED _____ FOREMAN CHECKED _____ SUPERINTENDENT

* Show total hours each tour for Drilling, Coring, DST, Logging, Shut Down, Running Casing, W.O.C., Completing, Loss Circulation, etc. Under REMARKS, Describe fully all shows Oil, Gas and Water, cause of Shut Down, Fishing Jobs, Casing Jobs, Steel line correction and all pertinent information not show elsewhere on report.

PRINTED IN U.S.A.

FORM 16-38-865

SKELLY OIL COMPANY
DRILLERS REPORT

LEASE NAME Skelly, Getty Amoco Ft McPherson WELL NO. C78 DATE July 6/72

CONTRACTOR SET Drlg (Western) Co L.T.D. KIND OF TOOLS Rotary

ON TOUR: 12⁰⁰ P.M. TO 8⁰⁰ A.M. DRILLER: R. Hanby

FORMATION	FROM	TO	REMARKS
	9034	9134	12⁰⁰ - 12¹⁵ Rig Serv + Bo'h WOB - 40
			12¹⁵ - 4⁴⁵ Drlg 8¾ Hole RPM - 41-47
			4⁴⁵ - 5¹⁵ W.L. Survey SPM - 58
			5¹⁵ - 8⁰⁰ Drlg 8¾ Hole PSI 1500

* RIG TIME DATA	HOURS
Drilling	7¼
Survey	½
Rig Ser.	¼

Gel. 10 SKS
Gelex 1 SAK
Caustic 1 SAK

DAY WORK THIS TOUR: ____ HRS WITH DRILL PIPE ____ HRS WITHOUT DRILL PIPE ____ HRS. STANDBY

ON TOUR 8⁰⁰ A.M. TO 4⁰⁰ P.M. DRILLER: W.A. Smith

FORMATION	FROM	TO	REMARKS
	9078	9127	8⁰⁰ - 11⁰⁵ - DRLG W.O.B. 40
			11⁰⁵ - 11³⁰ - SER RIG & BOP & Holly Cock R.P.M. 45
			11³⁰ - 13⁰⁰ - W.L. SURVEY S.P.M. 58
			13⁰⁰ - 4⁰⁰ DRLG P.S.I. 1600

* RIG TIME DATA	HOURS
Drilling	7¼
Survey	½
Rig Ser	¼

Gel 14 SKS.
Gelex 1 SK.

DAY WORK THIS TOUR: ____ HRS. WITH DRILL PIPE ____ HRS. WITHOUT DRILL PIPE ____ HRS. STANDBY

ON TOUR 4⁰⁰ P.M. TO 12⁰⁰ P.M. DRILLER: E. Armstrong

FORMATION	FROM	TO	REMARKS
	9127	9174	4⁰⁰ - 4¹⁵ DRLG W.O.B. - 40 M 44M
			4¹⁵ - 4³⁰ SER RIG & BOPE R.P.M. - 45
			4³⁰ - 9⁰⁰ DRLG S.P.M. - 55
			9⁰⁰ - 9³⁰ - W.L. SURVEY P.S.I. - 1550
			9³⁰ - 12⁰⁰ - DRLG 8¾ HOLE

* RIG TIME DATA	HOURS
Drilling	7¼
Survey	½
Rig Ser	¼

DAY WORK THIS TOUR: ____ HRS. WITH DRILL PIPE ____ HRS. WITHOUT DRILL PIPE ____ HRS. STANDBY

CASING RECORD

SIZE	WT.	THDS.	JTS.	WHERE SET	AMOUNT RUN L.T.M. PULLED L.T.M.	TYPE	COND.	SK. CEMENT
13⅜	48	8R.	10	322 KB	304	Sxl. K55	New	1300
9⅝	36	8R.	79	12⁰¹ KB	1204	Mann. K55	New	672

MUD TESTS

TOUR	MORN	DAY	EVE
WT.	9.0	9.0	9.0
VIS.	57	54	51
W.L.	5.4	5.0	4.8
PH.	9.0	9.0	9.0
F.C.	2/32	2/32	2/32

SLOPE TESTS

DEPTH	DEGREE OFF
3056	3¾°
9077	3¾°
9150	3½°

BIT DATA

NO	22		
DEPTH IN	8937		
SIZE	8¾		
MFG.	Mur Phy		
TYPE	FBCM5		
SER. NO.	66927		

DEPTH PREVIOUS REPORT ____ FT. DEPTH THIS REPORT ____ FT. GAS USED ____ BBLS HRS. WATER USED ____ HRS

TOTAL DAY WORK THIS 24 HRS. 24 HRS. WITH DRILL PIPE ____ HRS. WITHOUT DRILL PIPE ____ HRS. STANDBY

SIGNED [signature] FOREMAN CHECKED ____ SUPERINTENDENT

* Show total hours each tour for Drilling, Coring, DST, Logging, Shut Down, Running Casing, WOC, Completing, Loss Circulation, etc. Under REMARKS: Describe fully all shows Oil, Gas and Water, cause of Shut Down, Fishing Jobs, Casing Jobs, Steel line correction and all pertinent information not show elsewhere on report.

PRINTED IN U.S.A.

FORM 16-36-865

SKELLY OIL COMPANY
DRILLERS REPORT

LEASE NAME Skelly Getty Amoco Ft. McPherson WELL NO. C74 DATE July 5/72
CONTRACTOR SxT Drlg (Western) Co. #11 KIND OF TOOLS Rotary

ON TOUR: 12:00 AM TO 8:00 AM DRILLER: K. Hardy

FORMATION	FROM	TO	REMARKS
	5962	6713	12:00-12:15 Rig Serv + BOPs WOB-35
			12:15-8:00 Drlg 8¾ Hole RPM-44
			SPM-54
			PSI-1600

* RIG TIME DATA	HOURS
Drilling	7 3/4
Rig Ser.	1/4

Gel 15 SAX
W.L. 15 2 SAX
Caustic 1 SAX

DAY WORK THIS TOUR: ____ HRS WITH DRILL PIPE ____ HRS WITHOUT DRILL PIPE ____ HRS. STANDBY

ON TOUR 8:00 AM TO 4:00 P.M DRILLER: W.H. Smith

FORMATION	FROM	TO	REMARKS
	9013	9029	8:00-11:00 - Drlg WOB. 25-30
			11:00-11:15 - Ser Rig & BOP & Kelly Cock RPM. 45-48
			11:15-11:45 - W.L. Survey SPM. 58
			11:45-1:45 - Drlg PSI 1500
			1:45-2:00 - Survey
			2:00-5:00 - Trip for Bit

* RIG TIME DATA	HOURS
Drilling	5
Survey	3/4
Rig Serv + BOP	1/4
Trip.	2

DAY WORK THIS TOUR: ____ HRS. WITH DRILL PIPE ____ HRS. WITHOUT DRILL PIPE ____ HRS. STANDBY

ON TOUR 4:00 P.M TO 12:00 P.M DRILLER:

FORMATION	FROM	TO	REMARKS
	9029	9034	4:00-5:00 - Finish out w/Bit WOB 40
			5:00-5:15 - Ser Rig & BOPs RPM. 43
			5:15-5:45 - Change Bits & Check Blind Rams SPM-54
			5:45-6:30 - Pick up 9" DC & more 3 Pnt Rol. Down PSI 1500
			6:30-7:15 - Run Dr. In.
			7:15-7:30 Slip Line 1145-12 Drlg 8¾ Hole
			7:30-9:30 Run in w/Bit
			9:30-10:30 Ream 30' @ 7900.
			10:30-11:15 Finish Running in

* RIG TIME DATA	HOURS
Tripping	7 1/4
Drilling	3/4

DAY WORK THIS TOUR: ____ HRS. WITH DRILL PIPE ____ HRS. WITHOUT DRILL PIPE ____ HRS. STANDBY

CASING RECORD

SIZE	WT.	THDS.	JTS.	WHERE SET	AMOUNT RUN L.T.M. PULLED L.T.M.	TYPE	COND.	SK. CEMENT
13⅜	48	8R	10	322 KB	304	SLL K55	New	13 cu
9⅝	36	8R	39	1201 KB	1204	Mann K55	New	6 TL

MUD TESTS

TOUR	MORN	DAY	EVE
WT.	8.9	9.1+	
VIS.	50	50	
W.L.	5.4	5.5	
PH.	9.4	9.0	
F.C.	2/32	2/32	

SLOPE TESTS

DEPTH	DEGREE OFF
(Wire-Line 9013')	3¾°
(9015'	3¾°
dropped)	

BIT DATA

NO	21	22	
DEPTH IN	5937	9029	
SIZE	8 ¾	8 ¾	
MFG.	H. W.	MURPHY	
TYPE	J-33	FBCMS	
SER. NO.	K-M.502	669271	

DEPTH PREVIOUS REPORT ____ FT. DEPTH THIS REPORT ____ FT. GAS USED ____ HRS. WATER USED ____ BBLS HRS

TOTAL DAY WORK THIS 24 HRS. 24 HRS. WITH DRILL PIPE ____ HRS. WITHOUT DRILL PIPE ____ HRS. STANDBY

SIGNED [signature] FOREMAN CHECKED ____ SUPERINTENDENT

* Show total hours each tour for Drilling, Coring, DST, Logging, Shut Down, Running Casing, WOC, Completing, Loss Circulation, etc.
Under REMARKS, Describe fully all shows Oil, Gas and Water, cause of Shut Down, Fishing Jobs, Casing Jobs, Steel line correction and all pertinent information not show elsewhere on report.

PRINTED IN U.S.A.

FORM 16-38-865

SKELLY OIL COMPANY
DRILLERS REPORT

LEASE NAME Skelly Getty Amoco Ft. McPherson WELL NO. C74 DATE July 4/72

CONTRACTOR S&T Drlg & Western Co LTD KIND OF TOOLS Rotary

ON TOUR: 12.00 P.M. TO 8:00 A.M. DRILLER: R. Hanby

FORMATION	FROM	TO	REMARKS
	8893	8928	12:00 - 1:00 - Drlg 8¾ Hole — RPM 44
			1:00 - 1:15 - Rig Serv - Hoses — WOB 35
			1:15 - 8:00 Drlg 8¾ Hole — SPM 54
			PSI 1500

* RIG TIME DATA	HOURS
Drilling	7 3/4
Rig Ser.	1/4

Gel 10 Sxs
Cellex 1 Sx

DAY WORK THIS TOUR: _____ HRS WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ HRS. STANDBY

ON TOUR 8:00 A.M TO 4:00 P.M DRILLER: W. A. Smith

FORMATION	FROM	TO	REMARKS
	8928	8937	8:00 - 9:30 - DRLG
			9:30 - 9:45 - SER RIG & BOP's & Kelly Cock — WOB 35
			9:45 - 9:55 - W.L. SURVEY — RPM 48
			9:55 - 11:30 - DRLG — SPM 58
			11:30 - 3:00 - TRIP FOR BIT — PSI 1500
			3:00 - 3:30 - CHANGE 3-3 & CHECK BLIND RAMS
			3:30 - 4:00 - RUN 20 JTS IN
			@ 20 T-8-2-1

* RIG TIME DATA	HOURS
Drill-g	2 3/4
Survey.	1/2
T.R.P.	4 1/2
Rig Ser.	1/4

DAY WORK THIS TOUR: _____ HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ HRS. STANDBY

ON TOUR 4:00 P.M TO 12:00 P.M DRILLER: R. Hanby

FORMATION	FROM	TO	REMARKS
	8937	8962	4:00 - 4:05 - SER RIG & BOP's — WOB 30
			4:05 - 4:30 - SLIP 53' LINE — RPM 44
			4:30 - 6:30 - RAN IN W/ BIT #21 — SPM 54
			6:30 - 7:00 - BREAK CIRC & CHECK 3' FILL — PSI 1600
			7:00 - 7:45 CIRC BOTTOM
			7:45 - 11:30 Drlg 7¾ Hole
			11:30 - 12:00 W.L. Survey
			Gel 10 SXS
			Cellex 1 Sx.

* RIG TIME DATA	HOURS
TRIP	3 3/4
Survey	1/2
Drill	5 3/4

DAY WORK THIS TOUR: _____ HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ HRS. STANDBY

CASING RECORD

SIZE	WT.	THDS.	JTS.	WHERE SET	AMOUNT RUN L.T.M. PULLED L.T.M.	TYPE	COND.	SK. CEMENT
13⅜	48	8R	10	322 KB	304	SXL K55	New	1300
9⅝	36	8R	39	1201 KB	1204	Mann K55	New	676

MUD TESTS

TOUR	MORN	DAY	EVE
WT.	8.9	8.9+	8.9
VIS.	48	57	53
W.L.	5.6	5.7	6.2
PH.	9.0	9.0	9.0
F.C.	2/32	2/32	2/32

SLOPE TESTS

DEPTH	DEGREE OFF
8919	3 1/4 0
8932	3 1/2 0

BIT DATA

NO	20	21
DEPTH IN	7754	8937
SIZE	7⅞	7⅞
MFG.	H.W.	H.W.
TYPE	X55R	J-55
SER. NO.	26619	M11502

DEPTH PREVIOUS REPORT _____ FT. DEPTH THIS REPORT _____ FT. GAS USED _____ MCF. WATER USED _____ BBLS HRS

TOTAL DAY WORK THIS 24 HRS; 24 HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ HRS. STANDBY

SIGNED _____ FOREMAN CHECKED _____ SUPERINTENDENT

* Show total hours each tour for Drilling, Coring, DST, Logging, Shut Down, Running Casing, W.O.C., Completing, Loss Circulation, etc.
Under REMARKS, Describe fully all shows Oil, Gas and Water, cause of Shut Down, Fishing Jobs, Casing Jobs, Steel line correction and all pertinent information not shown elsewhere on report.

FORM 16-38-865

PRINTED IN U.S.A.

SKELLY OIL COMPANY
DRILLERS REPORT

LEASE NAME Skelly Getty Amoco Ft McPherson WELL NO. CT4 DATE July 3/72

CONTRACTOR Sst Drlg (Western-C- LTD. KIND OF TOOLS Rotary

ON TOUR: 12⁰⁰ PM TO 4⁰⁰ AM DRILLER: K. Hanby

FORMATION	FROM	TO	REMARKS
	8756	8926	12⁰⁰-2⁰⁰ Drl. 8¾ Hole RPM 45-48-46
			2⁵⁰-3⁰⁰ Rig Serv. v Bops WOB 25m
			2⁴⁵-7⁰⁰ Drl. 8¾ Hole SPM. 58
			7⁰⁰-7³⁰ Tlg. Survey PSI 1950
			7³⁰-8⁰⁰ Drlg 8¾ Hole

* RIG TIME DATA	HOURS
Drilling	7½
Survey	½
Rig Ser.	¼

Gel. 15 SAX
Cellex 1 SAX
Caustic 25 AX

DAY WORK THIS TOUR: ____ HRS WITH DRILL PIPE ____ HRS WITHOUT DRILL PIPE ____ HRS. STANDBY

ON TOUR 8⁰⁰ A.M TO 4⁰⁰ P M DRILLER: W.M. Lovett

FORMATION	FROM	TO	REMARKS
	8926	8852	8⁰⁰-12⁰⁰ - DRLG
			12⁰⁰-1⁰⁰ - SERV RIG & BOPS
			1⁰⁰-1³⁰ - W.L. SURVEY
			1³⁰-4⁰⁰ - DRLG

W.O.B. 35-30
R.P.M. 45-48
S.P.M. 58
P.S.I. 1900

* RIG TIME DATA	HOURS
Drilling	7¼
Survey	½
Rig Ser.	¼

DAY WORK THIS TOUR: ____ HRS. WITH DRILL PIPE ____ HRS. WITHOUT DRILL PIPE ____ HRS. STANDBY

ON TOUR 4⁰⁰ P.M TO 12⁰⁰ P.M DRILLER:

FORMATION	FROM	TO	REMARKS
	8852	8843	4⁰⁰-6⁵⁵ DRLG
			6⁵⁵-6³⁵ SERV RIG & BOPS
			6⁵⁵-7⁰⁰ W.L. SURVEY
			7⁰⁰-12⁰⁰ DRLG

W.O.B. 30
R.P.M. 46
S.P.M. 58
P.S.I. 1500

* RIG TIME DATA	HOURS
Drilling	7¼
Survey	½
Rig Ser.	¼

DAY WORK THIS TOUR: ____ HRS. WITH DRILL PIPE ____ HRS. WITHOUT DRILL PIPE ____ HRS. STANDBY

CASING RECORD

SIZE	WT.	THDS.	JTS.	WHERE SET	AMOUNT RUN L.T.M. PULLED L.T.M.	TYPE	COND.	SK. CEMENT
13⅜	48	8R.	10	322 KB	304	Smls K55	New	1300
9⅝	36	8R.	39	12.01 KB	1204	Mann K55	New	676

MUD TESTS

TOUR	MORN	DAY	EVE
WT.	8.9	9.0	9.0
VIS.	64	51	47
W.L.	5.2	5.2	5.4
PH.	9.5	9.0	9.0
F.C.	2/32	2/32	2/32

SLOPE TESTS

DEPTH	DEGREE OFF
8795	3°
9125	3¼°
9256	3 1/16°

BIT DATA

NO	20		
DEPTH IN	8754		
SIZE	8¾		
MFG.	HW		
TYPE	X55R		
SER. NO.	26-19		

DEPTH PREVIOUS REPORT ____ FT. DEPTH THIS REPORT ____ FT. GAS USED ____ HRS. WATER USED ____ BBLS HRS

TOTAL DAY WORK THIS 24 HRS. 24 HRS. WITH DRILL PIPE ____ HRS. WITHOUT DRILL PIPE ____ HRS. STANDBY

SIGNED ____ FOREMAN CHECKED ____ SUPERINTENDENT

* Show total hours each tour for Drilling, Coring, DST, Logging, Shut Down, Running Casing, WOC, Completing, Loss Circulation, etc. Under REMARKS, Describe fully all shows Oil, Gas and Water, cause of Shut Down, Fishing Jobs, Casing Jobs, Steel line correction and all pertinent information not show elsewhere on report.

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FORM 16-38-865

SKELLY OIL COMPANY
DRILLERS REPORT

LEASE NAME Skelly Getty Amoco Ft McPherson WELL NO. C75 DATE July 2/72
CONTRACTOR Sst Drlg (Western)-Co L.T.D. KIND OF TOOLS Rotary

ON TOUR: 12⁰⁰ P.M TO 4⁰⁰ A.M DRILLER: R. Hardy

FORMATION	FROM	TO	REMARKS
	8702	8739	12⁰⁰ - 1¹⁵ - Drlg 8¾ Hole RPM 44-49
			1¹⁵ - 1⁴⁵ - Wl. Survey WOB 35-40-47
			1⁴⁵ - 2⁰⁰ - Rig Serv & BOP SPM 55
			2⁰⁰ - 4⁰⁰ Drlg 8¾ Hole PSI 1100

* RIG TIME DATA	HOURS
Drilling	7 1/4
Survey	1/2
Rig Ser & BOP	1/4

Caustic 1 SAX

DAY WORK THIS TOUR: ____ HRS WITH DRILL PIPE ____ HRS WITHOUT DRILL PIPE ____ HRS STANDBY

ON TOUR 8⁰⁰ P.M TO 4⁰⁰ P.M DRILLER:

FORMATION	FROM	TO	REMARKS
	8739	8754	8⁰⁰ - 9⁰⁰ - DRLG
			9⁰⁰ - 9⁴⁰ - SER Rig & Mtr, Cat, BOP
			9⁴⁰ - 9⁵⁵ - WL SURVEY
			9⁵⁵ - 12⁰⁰ DRLG
			12⁰⁰ - 1⁰⁰ SURVEY
			1⁰⁰ - 4⁰⁰ TRIP FOR BIT

* RIG TIME DATA	HOURS
Drilling	4
Rig Ser & BOP	1/4
Survey.	3/4
TRIP	3

WOB 35
RPM 45
SPM 55
PSI 1600
BIT #19 T-8-7-1
8233 to 8754 = 521
8 6 1/2 hrs.

DAY WORK THIS TOUR: ____ HRS. WITH DRILL PIPE ____ HRS. WITHOUT DRILL PIPE ____ HRS. STANDBY

ON TOUR 4⁰⁰ P.M TO 12⁰⁰ P.M DRILLER: R. Hardy

FORMATION	FROM	TO	REMARKS
	8754	8754	4⁰⁰ - 5⁰⁰ FINISH OUT
			5⁰⁰ - 5¹⁵ SER. Rig & BOP
			5¹⁵ - 5⁴⁵ CHANGE BITS
			5⁴⁵ - 6¹⁵ RUN DC'S IN
			6¹⁵ - 6⁴⁵ SLIP & CUT .75
			6⁴⁵ - 7¹⁵ SET BRAKES UP
			7⁰⁰ - 4¹⁵ Run in w/BIT
			4¹⁵ - 11⁰⁰ Broke Circ & Reamed from 7600
			11⁰⁰ - 11³⁰ Finish running in.

WOB 26M
RPM 45
SPM 58
PSI 1550
1130-12⁰⁰ Drlg 8¾ Hole

* RIG TIME DATA	HOURS
TRIP	5 3/4
Ream deg. Legs.	1 3/4
Drilling	1/2

DAY WORK THIS TOUR: ____ HRS. WITH DRILL PIPE ____ HRS. WITHOUT DRILL PIPE ____ HRS. STANDBY

CASING RECORD

SIZE	WT.	THDS.	JTS.	WHERE SET	AMOUNT RUN L.T.M. PULLED L.T.M.	TYPE	COND.	SK. CEMENT
13⅜	48	8R	10	322 KB	304	Sz. K55	New	1300
9⅝	36	8R	39	1201 KB	1204	Mann K55	New	675

MUD TESTS

TOUR	MORN	DAY	EVE
WT.	8.9	8.9+	
VIS.	50	52	
W.L.	5.0	5.0	
PH.	9.0	9.0	
F.C.	2/32	2/32	

SLOPE TESTS

DEPTH	DEGREE OFF
8700	3¾
8731	3¾
8750	3 1/16°

BIT DATA

NO	19	20	
DEPTH IN	8233	8754	
SIZE	8¾	8¾	
MFG.	Hugh.	Hugh.	
TYPE	J44	X55R	
SER. NO.	DT378	26619	

DEPTH PREVIOUS REPORT ____ FT. DEPTH THIS REPORT ____ FT. GAS USED ____ HRS. WATER USED ____ BBLS HRS

TOTAL DAY WORK THIS 24 HRS. 24 HRS. WITH DRILL PIPE ____ HRS. WITHOUT DRILL PIPE ____ HRS. STANDBY

SIGNED J. Rocha FOREMAN CHECKED ____ SUPERINTENDENT

* Show total hours each tour for Drilling, Coring, DST, Logging, Shut Down, Running Casing, WOC, Completing, Loss Circulation, etc. Under REMARKS, Describe fully all shows Oil, Gas and Water, cause of Shut Down, Fishing Jobs, Casing Jobs, Steel line correction and all pertinent information not show elsewhere on report.

PRINTED IN U.S.A.

FORM 16-38-865

SKELLY OIL COMPANY
DRILLERS REPORT

LEASE NAME Shelby Cattle Assoc. FT McPherson WELL NO. C78 DATE Jul. 1/72

CONTRACTOR Sut Drlg Co. Western - Co. LTD KIND OF TOOLS Rotary

ON TOUR: 12:00 PM TO 8:00 A.M DRILLER: R. Hamby.

FORMATION	FROM	TO	REMARKS
	8553	9596	12:00 - 12:30 - Wl. Survey.
			12:30 - 12:45 Ri. Service Rig RPM 44
			12:45 - 5:15 Drlg 8¾ Hole WOB. 35
* RIG TIME DATA	HOURS		5:15 - 5:45 Wl. Survey SPM. 54
Drilling	6¾		5:45 - 8:00 Drlg 8¾ Hole PSI 1575
Survey	1		
Rig Ser.	¼		
			Gel 15 Sx.
			W.L. 10 - 25 Sx

DAY WORK THIS TOUR: ____ HRS WITH DRILL PIPE ____ HRS WITHOUT DRILL PIPE ____ HRS STANDBY

ON TOUR 8:00 A.M TO 4:00 P.M DRILLER: W.H. Smith

FORMATION	FROM	TO	REMARKS
	9596	9647	8:00 - 11:30 - DRLG W.O.B. 35
			11:30 - 11:45 - Ser Rig & BOP's; Kelly Cock R.P.M. 44
			11:45 - 4:00 - DRLG S.P.M. 55
* RIG TIME DATA	HOURS		PSI 1600
Drilling	7¾		
Ser. & Bop	¼		
			Gel 10 Sks
			Caustic 1 Sx.
			Caltex 1 Sx.

DAY WORK THIS TOUR: ____ HRS. WITH DRILL PIPE ____ HRS. WITHOUT DRILL PIPE ____ HRS. STANDBY

ON TOUR 4:00 P.M TO 12:00 P.M DRILLER: R. Hamby

FORMATION	FROM	TO	REMARKS
	9647	9702	4:00 - 4:15 - Ser Rig & BOP's
			4:15 - 4:45 - Wl. Survey
			4:45 - 12:00 DRLG
* RIG TIME DATA	HOURS		
Drilling	7¼		
Survey	½		
Ser. Rig	¼		

DAY WORK THIS TOUR: ____ HRS. WITH DRILL PIPE ____ HRS. WITHOUT DRILL PIPE ____ HRS. STANDBY

CASING RECORD

SIZE	WT.	THDS.	JTS.	WHERE SET	AMOUNT RUN L.T.M. PULLED L.T.M.	TYPE	COND.	SK. CEMENT
13⅜	48	8R	10	322 KB	304	S.L. K55	New	130
9⅝	36	8R	39	1201. KB	1204	Mann K55	New	676

MUD TESTS

TOUR	MORN	DAY	EVE
WT.	9	9.9	8.9
VIS.	47	48	55
W.L.	5.4	5.6	5.6
PH.	9	9.0	9.0
F.C.	2/32	2/32	2/32

SLOPE TESTS

DEPTH	DEGREE OFF
8543	3¼°
8575	3°
8639	3 1/16°

BIT DATA

NO	19		
DEPTH IN	8233		
SIZE	7⅞		
MFG.	HW		
TYPE	J-11		
SER. NO.	DT32Y		

DEPTH PREVIOUS REPORT ____ FT. DEPTH THIS REPORT ____ FT. GAS USED ____ HRS. WATER USED ____ BBLS HRS

TOTAL DAY WORK THIS 24 HRS. 24 HRS. WITH DRILL PIPE ____ HRS. WITHOUT DRILL PIPE ____ HRS. STANDBY

SIGNED [signature] FOREMAN CHECKED ____ SUPERINTENDENT

* Show total hours each tour for Drilling, Coring, DST, Logging, Shut Down, Running Casing, WOC, Completing, Loss Circulation, etc.
Under "REMARKS" Describe fully all shows Oil, Gas and Water, cause of Shut Down, Fishing Jobs, Casing Jobs, Steel line correction and all pertinent information not shown elsewhere on report.

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FORM 16-38-865

SKELLY OIL COMPANY
DRILLERS REPORT

LEASE NAME Skelly Getty Amoco F.I. McPherson WELL NO. CTY DATE June 30/72

CONTRACTOR Szt Drlg (Western) Co. Ltd. KIND OF TOOLS Rotary

ON TOUR: 12⁰⁰ P.M. TO 4⁰⁰ A.M. DRILLER: F. Thorby

FORMATION	FROM	TO	REMARKS
	8414	8456	12.00 2⁰⁰ - Drlg 8¾ Hole W.O.B. 35
			2⁰⁰ - 2³⁰ - W.L. Survey R.P.M. 44
			2³⁰ - 2⁴⁵ - Rig Serv S.P.M. 54
			2⁴⁵ - 8⁰⁰ Drlg 8¾ Hole P.S.I. 1575

* RIG TIME DATA	HOURS
Drilling	7¼
Survey	½
Rig Service	½

Gel 15 SAX
Wt. Up 2 SAX

DAY WORK THIS TOUR: ____ HRS. WITH DRILL PIPE ____ HRS. WITHOUT DRILL PIPE ____ HRS. STANDBY

ON TOUR 8⁰⁰ A.M. TO 4⁰⁰ P.M. DRILLER: W. H. Smith

FORMATION	FROM	TO	REMARKS
	8456	8502	8⁰⁰ - 8³⁰ - DRLG W.O.B. 35
			8³⁰ - 8⁵⁰ - SER RIG & Kelly Cock & BOP's R.P.M. 44
			8⁵⁰ - 1⁴⁵ - ~~Wireline~~ DRLG S.P.M. 58
			1⁴⁵ - 2⁰⁰ - W.L. SURVEY P.S.I. 1600
			2⁰⁰ - 4⁰⁰ - DRLG.

* RIG TIME DATA	HOURS
Drilling	7¼
Survey	½
Rig Service	¼

Gel 10 sxs.
Caustic 1 sx.
Caustic 1 sx.

DAY WORK THIS TOUR: ____ HRS. WITH DRILL PIPE ____ HRS. WITHOUT DRILL PIPE ____ HRS. STANDBY

ON TOUR 4⁰⁰ P.M. TO 12⁰⁰ P.M. DRILLER: R. Thorby

FORMATION	FROM	TO	REMARKS
	8502	8753	4⁰⁰ - 7²⁰ - DRLG
			7²⁰ - 7⁵⁰ - SER RIG & BOP's
			7⁵⁰ - 8⁰⁰ DRLG

* RIG TIME DATA	HOURS
Drilling	7½
Rig Service	½

DAY WORK THIS TOUR: ____ HRS. WITH DRILL PIPE ____ HRS. WITHOUT DRILL PIPE ____ HRS. STANDBY

CASING RECORD

SIZE	WT.	THDS.	JTS.	WHERE SET	AMOUNT RUN L.T.M. PULLED L.T.M.	TYPE	COND.	SK. CEMENT
13⅜	45	8R	10	322 KB	304	SXL K55	New	1300
9⅝	36	8R	34	1201 KB	1204	Mann K55	New	676

MUD TESTS

TOUR	MORN	DAY	EVE
WT.	9	8.9+	8.7
VIS.	53	46	55
W.L.	4.6	6.0	5.4
PH.	9	9.0	9.0
F.C.	2/32	2/32	2/32

SLOPE TESTS

DEPTH	DEGREE OFF
8416	2°
8460	3°

BIT DATA

NO	19		
DEPTH IN	8233		
SIZE	8¾		
MFG.	HW		
TYPE	J-44		
SER. NO.	VT 338		

DEPTH PREVIOUS REPORT 8414 FT. DEPTH THIS REPORT 8753 FT. GAS USED ____ BBLS
HRS. WATER USED ____ HRS

TOTAL DAY WORK THIS 24 HRS. 24 HRS. WITH DRILL PIPE ____ HRS. WITHOUT DRILL PIPE ____ HRS. STANDBY

DEPARTMENT OF INDIAN AFFAIRS & NORTHERN DEVELOPMENT OIL & MINERAL DIV. JUL 07 INUVIK, N.W.T.

SIGNED ____ FOREMAN CHECKED ____ SUPERINTENDENT

* Show total hours each tour for Drilling, Coring, DST, Logging, Shut Down, Running Casing, W.O.C., Completing, Loss Circulation, etc. Under REMARKS: Describe fully all shows Oil, Gas and Water, cause of Shut Down, Fishing Jobs, Casing Jobs, Steel line correction and all pertinent information not show elsewhere on report.

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FORM 16-38-865

SKELLY OIL COMPANY
DRILLERS REPORT

81

LEASE NAME Skelly Getty Amoco Ft. McPherson WELL NO. CT4 DATE June 21/72

CONTRACTOR SXL Drlg. (Western) Co. LTD KIND OF TOOLS Rotary

ON TOUR: 12 PM TO 8 AM DRILLER: K. Hanby

FORMATION	FROM	TO	REMARKS
	8300	8345	12 - 12.30 Drlg 8¾ Hole W.O.B. 40
			12.30 - 1 W.L. Survey R.P.M. 40
			1 - 1.15 Rig Service & Bops S.P.M. 63
★ RIG TIME DATA	HOURS		1.15 - Drlg 8¾ Hole PSI 1600
Drilling	7¼		
Survey	½		
Rig Service	¼		

DAY WORK THIS TOUR: 8 HRS WITH DRILL PIPE ____ HRS WITHOUT DRILL PIPE ____ HRS STANDBY

ON TOUR 8 AM TO 4 PM DRILLER: W. A. Ormsby

FORMATION	FROM	TO	REMARKS
	8345	8375	8 - 12.30 - DRLG W.O.B. 35m.
			~~12.30 - 1.00 - Service & Bop's Kelly Cock~~ R.P.M. 44
			12.30 - 1.00 - W.L. SURVEY S.P.M. 59
★ RIG TIME DATA	HOURS		1.00 - 1.15 - SER RIG & BOP'S Kelly Cock P.S.I. 1575
Drilling	7½		1.15 - 4.00 DRLG.
Survey	½		
Rig Service	½		
			Gel - 10 sks.
			Cellex - 1 sk
			Caustic - 1 sk.

DAY WORK THIS TOUR: 8 HRS. WITH DRILL PIPE ____ HRS. WITHOUT DRILL PIPE ____ HRS. STANDBY

ON TOUR 4 PM TO 12 PM DRILLER: R. Tanji

FORMATION	FROM	TO	REMARKS
	8375	8414	4.00 - 7.15 DRLG
			7.15 - 7.45 W.L. SURVEY W.O.B. 35m.
			7.45 - 8.00 SER RIG & BOPS RPM. 44
★ RIG TIME DATA	HOURS		8.00 - 12 DRLG SPM. 59
Drilling	7½		PSI 1575
Survey	½		
Rig Service	¼		

DAY WORK THIS TOUR: ____ HRS. WITH DRILL PIPE ____ HRS. WITHOUT DRILL PIPE ____ HRS. STANDBY

CASING RECORD

SIZE	WT.	THDS.	JTS.	WHERE SET	AMOUNT RUN L.T.M. PULLED L.T.M.	TYPE	COND.	SK. CEMENT
13⅜	48	8R	10	322 KB	304	SXL K55	New	1300
9⅝	36	8R	39	1201 KB	1204	Mann K55	New	676

MUD TESTS

TOUR	MORN	DAY	EVE
WT.	8.9	9.0	9.0
VIS.	47	56	52
W.L.	5	5.0	5.0
PH.	9.0	8.5	8.4
F.C.	2/32	3/32	3/32

SLOPE TESTS

DEPTH	DEGREE OFF
8293	2¼°
8355	2¾°
8385	2¾°

BIT DATA

NO	19		
DEPTH IN	8233		
SIZE	8¾		
MFG.	H. W		
TYPE	J. 44		
SER. NO.	DT 338		

DEPTH PREVIOUS REPORT 8300 FT. DEPTH THIS REPORT 8414 FT. GAS USED ____ MCF HRS. WATER USED ____ BBLS HRS

TOTAL HRS WORK THIS 24 HRS: 24 HRS. WITH DRILL PIPE ____ HRS. WITHOUT DRILL PIPE ____ HRS. STANDBY

SIGNED [signature] FOREMAN CHECKED [signature] SUPERINTENDENT

★ Show total hours each tour for Drilling, Coring, DST, Logging, Shut Down, Running Casing, W.O.C., Completing, Loss Circulation, etc.
Under REMARKS, Describe fully all shows Oil, Gas and Water, cause of Shut Down, Fishing Jobs, Casing Jobs, Steel line correction and all pertinent information not show elsewhere on report.

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FORM 16-36-865

SKELLY OIL COMPANY
DRILLERS REPORT 80

LEASE NAME Skelly Getty Amoco McPherson WELL NO. C-79 DATE June 28/72
CONTRACTOR S & T Drlg (Western) Co. Ltd. KIND OF TOOLS Rotary

ON TOUR: 12⁰⁰ P.M. TO 8⁰⁰ A.M. DRILLER: A. Bailey

FORMATION	FROM	TO	REMARKS
	8233		12⁰⁰-12⁴⁵ Lay down Reamers Stab 19' Collars
			12⁴⁵-1⁰⁰ Rig Serv & BOP's
			1⁰⁰-1⁴⁵ Picked up Reamers, Jars, & Stab.
			1⁴⁵-2³⁰ Run in D.C.
			2³⁰-3⁰⁰ Slip 46' of D. Line
			3⁰⁰-4⁴⁵ Run in w/ Bit #19
			4⁴⁵-8⁰⁰ Reaming from 7700
			B.I # 14. T-8-B-2-C-1

* RIG TIME DATA	HOURS
Tripping	4 3/4
Reaming	3 1/4

DAY WORK THIS TOUR: 8 HRS WITH DRILL PIPE ____ HRS. WITHOUT DRILL PIPE ____ HRS. STANDBY

ON TOUR 8⁰⁰ A.M. TO 4⁰⁰ P.M. DRILLER: W. A. Smith

FORMATION	FROM	TO	REMARKS
	8233	8239	8⁰⁰-9·30 - Reaming
			9·30-9·45 - Ser Rig & Bop's & Kelly Cock.
			9·45-2·00 - Finish Reaming.
			2·00-4⁰⁰ - Drlg

W.O.B. 30m
R.P.M. 40
S.P.M. 55
P.S.I. 1600

* RIG TIME DATA	HOURS
Reaming	6
Rig Service	1/4
Drilling	1 3/4

Caustic 1 sk.
Gel 10 sks.
Caliper 1 sk.

DAY WORK THIS TOUR: 8 HRS. WITH DRILL PIPE ____ HRS. WITHOUT DRILL PIPE ____ HRS. STANDBY

ON TOUR 4⁰⁰ P.M. TO 12⁰⁰ P.M. DRILLER:

FORMATION	FROM	TO	REMARKS
	8239	8300	4⁰⁰-4·30 - Drlg
			4·30-4·45 - Ser Rig & Bop's
			4⁴⁵-12⁰⁰ Drlg

W.O.B. 40m
R.P.M. 40-45
S.P.M. 55
P.S.I. 1600

* RIG TIME DATA	HOURS
Drilling	7 3/4
Rig Service	1/4

DAY WORK THIS TOUR: 8 HRS. WITH DRILL PIPE ____ HRS. WITHOUT DRILL PIPE ____ HRS. STANDBY

CASING RECORD

SIZE	WT.	THDS.	JTS.	WHERE SET	AMOUNT RUN L.T.M. PULLED L.T.M.	TYPE	COND.	SK. CEMENT
13 3/8	48	8R	10	322 KB	304	S&L K55	New	1300
9 5/8	36	8R	39	1201 KB	1204	Mann K55	New	676

MUD TESTS

TOUR	MORN	DAY	EVE
WT.	8.8	8.9	8.4
VIS.	42	45	55
W.L.	6.4	6.2	4.8
PH.	8.5	9.0	9.0
F.C.	2/32	2/32	2/32

SLOPE TESTS

DEPTH	DEGREE OFF
8233	2½°

BIT DATA

NO	19		
DEPTH IN	8233		
SIZE	8 3/4		
MFG.	Hw		
TYPE	J44		
SER. NO.	DT338		

DEPTH PREVIOUS REPORT 8233 FT. DEPTH THIS REPORT 8300 FT. GAS USED ____ HRS. WATER USED ____ BBLS HRS

TOTAL DAY WORK THIS 24 HRS: 24 HRS. WITH DRILL PIPE ____ HRS. WITHOUT DRILL PIPE ____ HRS. STANDBY

SIGNED Rick Foster FOREMAN CHECKED ____ SUPERINTENDENT

* Show total hours each tour for Drilling, Coring, DST, Logging, Shut Down, Running Casing, WOC, Completing, Loss Circulation, etc.
Under REMARKS: Describe fully all shows Oil, Gas and Water, cause of Shut Down, Fishing Jobs, Casing Jobs, Steel line correction and all pertinent information not show elsewhere on report.

PRINTED IN U.S.A.

FORM 16-38-865

SKELLY OIL COMPANY
DRILLERS REPORT

LEASE NAME Skelly Getty Amoco Ft. McPherson WELL NO. C74 DATE June 28/72
CONTRACTOR Sxt Drlg (Western) Co. LTD. KIND OF TOOLS Rotary

ON TOUR: 12:00 P.M. TO 4:00 A.M. DRILLER: R. Hanby

FORMATION	FROM	TO	REMARKS
	8164	8212	12:00 - 2:30 Drlg 8¾ Hole
			2:30 - 3:00 Wl Survey
			3:00 - 3:15 Rig Serv w/Bob.
			3:15 - 4:00 Drlg 8¾ Hole

* RIG TIME DATA	HOURS
Drilling	7¼
Survey	½
Rig Service	¼

W.O.B. 35
RPM. 40
SPM. 58
PSI. 1600

Gel. 15 SAK
WL 100 - 2 SAK

DAY WORK THIS TOUR: 8 HRS WITH DRILL PIPE ____ HRS. WITHOUT DRILL PIPE ____ HRS. STANDBY

ON TOUR 8:00 A.M TO 4:00 P.M DRILLER: W. A. Smith

FORMATION	FROM	TO	REMARKS
	8212	8228	8:00 - 9:00 - DRLG
			9:00 - 9:45 - Ser Rig & Both & Kelly Cock
			9:45 - 4:00 DRLG.

* RIG TIME DATA	HOURS
Drilling	7¾
Rig Service	¼

W.O.B. 35M.
R.P.M. 40
SPM. 58
P.S.I. 1600

Gel 15 SK.
Cellex 1 SK.

DAY WORK THIS TOUR: 8 HRS. WITH DRILL PIPE ____ HRS. WITHOUT DRILL PIPE ____ HRS. STANDBY

ON TOUR 4:00 P.M TO 12:00 P.M DRILLER: R [illegible]

FORMATION	FROM	TO	REMARKS
	8228	8233.	4:00 - 7:15 DRLG.
			7:15 - 9:00 Circ & Condition mud
			9:00 - 9:15 Dropped Survey
			9:15 - 12:00 Hoist for Bit

* RIG TIME DATA	HOURS
Drilling	3¼
Cond'n Mud	1¾
Survey	¼
Trip	2¾

W.O.B. 35M.
R.P.M. 40.
SPM. 58
P.S.I. 1600

DAY WORK THIS TOUR: 8 HRS. WITH DRILL PIPE ____ HRS. WITHOUT DRILL PIPE ____ HRS. STANDBY

CASING RECORD

SIZE	WT.	THDS.	JTS.	WHERE SET	AMOUNT RUN L.T.M. PULLED L.T.M.	TYPE	COND.	SK. CEMENT
13⅜	48	8R	10	322 KB	304	SxL K55	New	1300
9⅝	36	8R	39.	1201 KB.	1204	Mann K55	New	676

MUD TESTS

TOUR	MORN	DAY	EVE
WT.	8.6	8.8	
VIS.	46	43	
W.L.	5.2	5.8	
PH.	9.0	9.0	
F.C.	4/32	3/32	

SLOPE TESTS

DEPTH	DEGREE OFF
8173	2½°

BIT DATA

NO	18		
DEPTH IN	7472		
SIZE	8¾		
MFG.	Hi. W.		
TYPE	J44		
SER. NO.	DP 321		

DEPTH PREVIOUS REPORT 8164 FT. DEPTH THIS REPORT 8233 FT. GAS USED ____ HRS. WATER USED ____ BBLS HRS

TOTAL DAY WORK THIS 24 HRS; 24 HRS. WITH DRILL PIPE ____ HRS. WITHOUT DRILL PIPE ____ HRS. STANDBY

SIGNED [signature] FOREMAN CHECKED [signature] SUPERINTENDENT

* Show total hours each tour for Drilling, Coring, DST, Logging, Shut Down, Running Casing, W.O.C, Completing, Loss Circulation, etc. Under REMARKS; Describe fully all shows Oil, Gas and Water, cause of Shut Down, Fishing Jobs, Casing Jobs, Steel line correction and all pertinant information not show elsewhere on report.

FORM 16-32-865 PRINTED IN U.S.A.

SKELLY OIL COMPANY
DRILLERS REPORT

LEASE NAME Skelly Getty Amoco Ft McPherson WELL NO. C74 DATE June 26/72
CONTRACTOR SXT Drlg (Western) Co. L.T.D Rig 1E KIND OF TOOLS Rotary

ON TOUR: 12⁰⁰ P.M. TO 8⁰⁰ A.M DRILLER: R Hanig

FORMATION	FROM	TO	REMARKS
	8015	4064	12⁰⁰ - 2⁰⁰ Drlg 8¾ Hole RPM 40
			2⁰⁰ - 2¹⁵ Rig Serv Blows WOB - 35
			2¹⁵ - 6³⁰ Drlg 8¾ Hole SPM - 60
			6³⁰ - 7⁰⁰ W.L. Survey PSI - 1600
			7⁰⁰ - 8⁰⁰ Drlg 8¾ Hole

* RIG TIME DATA	HOURS
Drilling	7¼
Survey	½
Rig Service	½

DAY WORK THIS TOUR: 8 HRS. WITH DRILL PIPE ____ HRS. WITHOUT DRILL PIPE ____ HRS. STANDBY

ON TOUR 8⁰⁰ A.M TO 4⁰⁰ P.M DRILLER: W. H. Smith

FORMATION	FROM	TO	REMARKS
	8065	8113	8⁰⁰ - 11⁴⁵ - DRLG WOB 35
			11⁴⁵ - 12⁰⁰ - SER. RIG & BOP's & Kelly Cock R.P.M. 40
			12⁰⁰ - 4⁰⁰ - DRLG. SPM. 55
			P.S.I. 1600
			SADIA ASN

* RIG TIME DATA	HOURS
Drilling	7¾
Rig Service	¼

DAY WORK THIS TOUR: 8 HRS. WITH DRILL PIPE ____ HRS. WITHOUT DRILL PIPE ____ HRS. STANDBY

ON TOUR 4⁰⁰ P.M TO 12⁰⁰ P.M DRILLER: R. Hanig

FORMATION	FROM	TO	REMARKS
	8113	8164	4⁰⁰ - 5¹⁵ DRLG W.O.T.
			5¹⁵ - 5⁴⁵ WL SURVEY
			5⁴⁵ - 6⁰⁰ SER RIG & BOP's
			6⁰⁰ - 12⁰⁰ DRLG.

* RIG TIME DATA	HOURS
Drilling	7¼
Survey	½
Rig Service	¼

DAY WORK THIS TOUR: 8 HRS. WITH DRILL PIPE ____ HRS. WITHOUT DRILL PIPE ____ HRS. STANDBY

CASING RECORD

SIZE	WT.	THDS.	JTS.	WHERE SET	AMOUNT RUN L.T.M. PULLED L.T.M.	TYPE	COND.	SK. CEMENT
13 3/4	48	8R	10	322 KB	304	SLL K55	New	1300
9 5/8	36	8R	39	1201 KB	1204	Mann K55	New	676

MUD TESTS

TOUR	MORN	DAY	EVE
WT.	8.4	8.5+	8.8
VIS.	40	52	45
W.L.	6.0	4.8	6.2
PH.	9.0	9.3	9.5
F.C.	2/32	4/32	4/32

SLOPE TESTS

DEPTH	DEGREE OFF
8050	2½°
8111	2¼°

BIT DATA

NO	14		
DEPTH IN	7472		
SIZE	8¾		
MFG.	F.V.		
TYPE	J44		
SER. NO.	DP321		

DEPTH PREVIOUS REPORT 8015 FT. DEPTH THIS REPORT 8114 FT. GAS USED ____ HRS. WATER USED ____ BBLS HRS

TOTAL DAY WORK THIS 24 HRS; 24 HRS. WITH DRILL PIPE ____ HRS. WITHOUT DRILL PIPE ____ HRS. STANDBY

SIGNED [signature] FOREMAN CHECKED [signature] SUPERINTENDENT

* Show total hours each tour for Drilling, Coring, DST, Logging, Shut Down, Running Casing, WOC, Completing, Loss Circulation, etc. Under REMARKS; Describe fully all shows Oil, Gas and Water, cause of Shut Down, Fishing Jobs, Casing Jobs, Steel line correction and all pertinent information not show elsewhere on report.

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FORM 16-38-865

SKELLY OIL COMPANY
DRILLERS REPORT

LEASE NAME Skelly Getty Amoco Ft. McPherson WELL NO. C78 DATE June 25/72
CONTRACTOR SET Drlg (Western) Co. LTD Rig 1E KIND OF TOOLS Rotary

ON TOUR: 12.00 PM TO 8:00 PM DRILLER: K Hurley

FORMATION	FROM	TO	REMARKS
	7864	7922	12:00 - 12:15 Rig Serv/BOP R.P.M. 40
			12:15 - 4:00 Drlg 8¾ Hole WOB 35
			4:00 - 4:30 Wl. Survey SPM 60
			4:30 - 8:00 Drlg 8¾ Hole PSI 1600

* RIG TIME DATA	HOURS
Drilling	7½
Survey	½
Rig Service	½

Wl. 100 25 SAX
Caustic 1 SAX

DAY WORK THIS TOUR: 8 HRS WITH DRILL PIPE ____ HRS. WITHOUT DRILL PIPE ____ HRS. STANDBY

ON TOUR 8:00 A.M TO 4:00 P.M DRILLER: W. H Smith

FORMATION	FROM	TO	REMARKS
	7922	7964	8:00 - 9:15 DRLG W.O.B. 35M
			9:15 - 10:00 W.L. SURVEY R.P.M. 40
			10:00 - 10:30 SER RIG & BOPE MUD UP PSI 1600
			10:30 - 11:00 DRLG SPM. 60
			11:00 - 11:30 BOARD CHECK
			11:30 - 4:00 DRLG

* RIG TIME DATA	HOUR.
Drilling	7
Survey	½
PUPd Rig Check	½

GEL 10 SKS.
CEMENT 2 SK.
CAUSTIC 1 SK
CHECK TOTCO SHUT OFFS (OK)

DAY WORK THIS TOUR: 8 HRS. WITH DRILL PIPE ____ HRS. WITHOUT DRILL PIPE ____ HRS. STANDBY

ON TOUR 4:00 P.M TO 12:00 P.M DRILLER: R. H. Ly

FORMATION	FROM	TO	REMARKS
	7964	8015	4:00 - 4:15 - SER RIG & BOPE WOB 35M
			4:15 - 5:30 - DRLG RPM. 40
			5:30 - 9:00 - Wl. Survey PSI 1600
			9:00 - 12:00 Drlg 8¾ Hole SPM. 60

* RIG TIME DATA	HOURS
Drilling	7¼
Survey	½
Rig Service	¼

DAY WORK THIS TOUR: 8 HRS. WITH DRILL PIPE ____ HRS. WITHOUT DRILL PIPE ____ HRS. STANDBY

CASING RECORD

SIZE	WT.	THDS.	JTS.	WHERE SET	AMOUNT RUN L.T.M. PULLED L.T.M.	TYPE	COND.	SK. CEMENT
13 3/8	48	8R	10	322 KB	3.04	Sel K55	New	1300
9 5/8	36	8R.	39	1201 KB	12.04	Mann K55	New	676

MUD TESTS

TOUR	MORN	DAY	EVE
WT.	8.9	8.9	8.8
VIS.	50	46	54
W.L.	5.4	6.2	4.8
PH.	9.0	~~8.2~~ 9.0	9.0
F.C.	2/32	3/32	2/32

SLOPE TESTS

DEPTH	DEGREE OFF
7890	3°
7922	3°
7985	2½°

BIT DATA

NO	18		
DEPTH IN	7472		
SIZE	8¾		
MFG.	HW		
TYPE	J 44		
SER. NO.	DD 321		

DEPTH PREVIOUS REPORT 7922 FT. DEPTH THIS REPORT 8015 FT. GAS USED ____ HRS. WATER USED ____ BBLS HRS

TOTAL DAY WORK THIS 24 HRS; 24 HRS. WITH DRILL PIPE ____ HRS. WITHOUT DRILL PIPE ____ HRS. STANDBY

SIGNED [signature] FOREMAN CHECKED [signature] SUPERINTENDENT

* Show total hours each tour for Drilling, Coring, DST, Logging, Shut Down, Running Casing, WOC, Completing, Lose Circulation, etc. Under REMARKS; Describe fully all shows Oil, Gas and Water, cause of Shut Down, Fishing Jobs, Casing Jobs, Steel line correction and all pertinent information not show elsewhere on report.

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FORM 16-38-865

SKELLY OIL COMPANY
DRILLERS REPORT

LEASE NAME Skelly Getty Amoco Ft McPherson WELL NO. C74 DATE June 24/72

CONTRACTOR SXT Drlg (Western) Co 7P. Rig 1E KIND OF TOOLS Rotary

ON TOUR: 12⁰⁰ P.M. TO 8.00 P.M DRILLER: R. Hanly

FORMATION	FROM	TO	REMARKS
	7737	7784	12⁰⁰ – 1⁰⁰ Drlg 8¾ Hole WOB 35
			1⁰⁰ – 1³⁰ WL Survey RPM 40
			1³⁰ – 1⁴⁵ Rig Serv & Kelly Cock SPM 60
* RIG TIME DATA	HOURS		1⁴⁵ – 6¹⁵ Drlg 8¾ Hole PSI 1600
Drilling	4¾		6¹⁵ – 6⁴⁵ WL Survey
Survey	1		6⁴⁵ – 8.⁰⁰ Drlg 8¾ Hole
Rig Service	¼		Gel. 10SAx
			WL 100 25Ax

DAY WORK THIS TOUR; ____ HRS WITH DRILL PIPE ____ HRS. WITHOUT DRILL PIPE ____ HRS. STANDBY

ON TOUR 8.00 P.M TO 4⁰⁰ P.M DRILLER: W. N. Smith

FORMATION	FROM	TO	REMARKS
	7784	7819	8⁰⁰ - 10.00 Core Sample at 7785' W.O.B. 35M
			10⁰⁰ - 1.00 Drlg R. RPM. 40
			1.00 - 2⁰⁰ W.L. Survey Lost Totco SPM. 60
* RIG TIME DATA	HOURS		Retrive Same P.S.I. 1600
Core Sample	5		2⁰⁰ - 4.00 Drlg
Drilling	2¾		
Survey	1¼		Gel 12 Sks.
			Cellex 1 Sk.

DAY WORK THIS TOUR; ____ HRS. WITH DRILL PIPE ____ HRS. WITHOUT DRILL PIPE ____ HRS. STANDBY

ON TOUR 4.00 P.M TO 12.00 P.M DRILLER: R Hanly.

FORMATION	FROM	TO	REMARKS
	7819	7864	4.00 - 6⁴⁵ Drlg WOB 35m.
			6⁴⁵ - 7⁰⁰ WL Survey RPM. 40
			7⁰⁰ - 7.30 Service BOP SPM. 60
* RIG TIME DATA	HOURS		7.30 - 11³⁰ Drlg PSI 1100
Drilling	6¾		11³⁰ - 12⁰⁰ WL. Survey
Survey	1		
BOP Check	¼		

DAY WORK THIS TOUR; ____ HRS. WITH DRILL PIPE ____ HRS. WITHOUT DRILL PIPE ____ HRS. STANDBY

CASING RECORD

SIZE	WT.	THDS.	JTS.	WHERE SET	AMOUNT RUN L.T.M. PULLED L.T.M.	TYPE	COND.	SX. CEMENT
13⅜	48	8R	10	322 KB	3.04	SLL K 55	New	130⁰⁰
9⅝	36	8R.	39	1201 KB.	1204	Mann K 55	New	676

MUD TESTS				SLOPE TESTS		BIT DATA			
TOUR	MORN	DAY	EVE	DEPTH	DEGREE OFF	NO	14		
WT.	9.8	8.9	8.9	7730	4°	DEPTH IN	7472		
VIS.	50	46	50	7765	3¾°	SIZE	8¾		
W.L.	5.4	6.2	5.6	7797	3½°	MFG.	H.W.		
PH.	9.0	9.0	9.0	7828	3¾°	TYPE	J-44		
F.C.	4/32	4/32	5/32	7860	3½°	SER. NO.	DA 321		

DEPTH PREVIOUS REPORT 7737 FT. DEPTH THIS REPORT 7864 FT. GAS USED ____ MCF HRS. WATER USED ____ BBLS HRS

TOTAL DAY WORK THIS 24 HRS; 24 HRS. WITH DRILL PIPE ____ HRS. WITHOUT DRILL PIPE ____ HRS. STANDBY

SIGNED [signature] FOREMAN CHECKED [signature] SUPERINTENDENT

* Show total hours each tour for Drilling, Coring, DST, Logging, Shut Down, Running Casing, WOC, Completing, Loss Circulation, etc. Under REMARKS, Describe fully all shows Oil, Gas and Water, cause of Shut Down, Fishing Jobs, Casing Jobs, Steel line correction and all pertinent information not show elsewhere on report.

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FORM 16-38-865

SKELLY OIL COMPANY
DRILLERS REPORT

LEASE NAME Skelly Gelly, Amoco Ft McPherson WELL NO. C-78 DATE June 23/72

CONTRACTOR S+T Dlg. (Western) Co LTD Rig 1E KIND OF TOOLS Rotary

ON TOUR: 12.00 M. TO 8.00 M DRILLER: R. Hanby.

FORMATION	FROM	TO	REMARKS
	76.04	76.50	12.00 - 2.45 Drlg 9 7/8 Hole W.OB 35
			2.45 - 3.00 Rig Serv. + BOPs RPM. 40
			3.00 - 8.00 Drlg 9 7/8 Hole SPM. 60
* RIG TIME DATA	HOURS		PSI 16.00
			Gel. 15 SAX
			W.L. 100 2 SAX
			Caustic. 1 SAX

DAY WORK THIS TOUR; ____ HRS WITH DRILL PIPE ____ HRS. WITHOUT DRILL PIPE ____ HRS. STANDBY

ON TOUR 8.00 P.M TO 4.30 P.M DRILLER: W. A. Lanier

FORMATION	FROM	TO	REMARKS
	76.50	7690	8.00 - 8.30 W.L. SURVEY W.OB. 35m.
			8.30 8.45 SERVICE BOPs + FULL Gage RPM. 401
			8.45 - 3.00 DRLG SPM. 66
* RIG TIME DATA	HOURS		3.00 - 3.30 WORK ON LIGHT PLANT PSI. 1600
			3.30 - 4.00 DRLG
			Gel 15 sx.
			CEMEX 1 sx.

DAY WORK THIS TOUR; ____ HRS. WITH DRILL PIPE ____ HRS. WITHOUT DRILL PIPE ____ HRS. STANDBY

ON TOUR 4.00 P.M TO 12.00 P.M DRILLER: R. Hanby.

FORMATION	FROM	TO	REMARKS
	7690	7737	4.00 - 7.30 DRLG
			7.30 - 8.00 W.L. SURVEY
			8.00 - 8.15 SERVICE RIG + BOPs
* RIG TIME DATA	HOURS		8.15 - 12.00 DRLG 9 7/8 HOLE

DAY WORK THIS TOUR; 8 HRS. WITH DRILL PIPE ____ HRS. WITHOUT DRILL PIPE ____ HRS. STANDBY

CASING RECORD

SIZE	WT.	THDS	JTS.	WHERE SET	AMOUNT RUN L.T.M. PULLED L.T.M.	TYPE	COND.	SK. CEMENT
13 3/8	48	8R	10	322 KB.	304	SEL K-55	New	1300
9 5/8	36	8R.	39	1201 KB.	1204.	Mann. K-55	New	676

MUD TESTS

TOUR	MORN	DAY	EVE
WT.	8.9	8.9	8.9
VIS.	50	47	50
W.L.	5.6	6.2	5.6
PH.	9.0	9.0	9.0
F.C.	2/32	2/32	2/32

SLOPE TESTS

DEPTH	DEGREE OFF
7640	4°
7700	7702 3/4

BIT DATA

NO	18		
DEPTH IN	7472		
SIZE	9 3/4		
MFG.	H.W.		
TYPE	J 44		
SER. NO.	D.K. 321		

DEPTH PREVIOUS REPORT 7704 FT. DEPTH THIS REPORT 7737 FT. GAS USED ____ BBLS HRS. WATER USED ____ HRS

TOTAL DAY WORK THIS 24 HRS. 24 HRS. WITH DRILL PIPE ____ HRS. WITHOUT DRILL PIPE ____ HRS. STANDBY

SIGNED [signature] FOREMAN CHECKED [signature] SUPERINTENDENT

* Show total hours each tour for Drilling, Coring, DST, Logging, Shut Down, Running Casing, WOC, Completing, Loss Circulation, etc. Under REMARKS; Describe fully all shows Oil, Gas and Water, cause of Shut Down, Fishing Jobs, Casing Jobs, Steel line correction and all pertinent information not show elsewhere on report.

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FORM 16-38-865

SKELLY OIL COMPANY
DRILLERS REPORT

LEASE NAME Skelly Getty Amoco F. McPherson WELL NO. C-75 DATE June 22/72
CONTRACTOR S&T Drlg (Western) Co Ltd Rig 1E KIND OF TOOLS Rotary

ON TOUR: 12:00 P M. TO 8:00 A M DRILLER: B. Armstrong

FORMATION	FROM	TO	REMARKS	
	7490	7527	12:00 - 12:05 - Drlg 8 3/4 Hole	WOB - 35 M
			12:05 - 1:00 - W.L. Survey	RPM - 35
			1:00 - 1:30 - Rig Service	SPM - 60
* RIG TIME DATA	HOURS		1:30 - 7:00 - Drlg 8 3/4 Hole	PSI - 1600
			7:00 - 7:30 - W.L. Survey	
			7:30 - 8:00 - Drlg 8 3/4 Hole	Mixed - Gel - 20 Sax
				Caustic - 1 Sack
				H.W.S. Cellex - 1 Sack
				W.L. 100 - 2 Sax

DAY WORK THIS TOUR: 8 HRS WITH DRILL PIPE ___ HRS. WITHOUT DRILL PIPE ___ HRS. STANDBY

ON TOUR 8:00 A M TO 4:00 P M DRILLER: R. L. Hayes

FORMATION	FROM	TO	REMARKS	
	7527	7565	8:00 1:45	Drlg 8 3/4" hole	WOB 35 M
			1:45 2:00	Rig Serv & Hydril	RPM 35-40
			2:30 2:30	Survey	S.P.M. 60
* RIG TIME DATA	HOURS		2:30 4:00	Drlg 9 3/4" hole	PSI 1600
					Gel 15 SXS
					Sellex 1 Sack.

DAY WORK THIS TOUR: 8 HRS. WITH DRILL PIPE ___ HRS. WITHOUT DRILL PIPE ___ HRS. STANDBY

ON TOUR 4:00 M TO 12:00 M DRILLER: W. N. Smith

FORMATION	FROM	TO	REMARKS	
	7565	7604	4:00 - 9:00	Drlg 8 3/4" Hole	W.O.B. 35 M.
			9:00 - 9:45	W.L. Survey	R.P.M. 40
			9:45 - 9:00	Service & B.O.P.'s	S.P.M. 60
* RIG TIME DATA	HOURS		9:00 - 12:00	Drlg	P.S.I. 1600

DAY WORK THIS TOUR: 8 HRS. WITH DRILL PIPE ___ HRS. WITHOUT DRILL PIPE ___ HRS. STANDBY

CASING RECORD

SIZE	WT.	THDS.	JTS.	WHERE SET	AMOUNT RUN L.T.M. PULLED L.T.M.	TYPE	COND.	SK. CEMENT
13 3/8	48	8R.	10	322 K.B.	304.	S&L K-55	New	1300
9 5/8	36	8R.	39	1201 K.B.	1204.	Mann K-55	New	676

MUD TESTS

TOUR	MORN	DAY	EVE
WT.	8.9	8.9	8.9
VIS.	53	52	52
W.L.	5.6	5.6	5.6
PH.	9.2	9.2	9.2
F.C.	2/32.	2/32	2/32

SLOPE TESTS

DEPTH	DEGREE OFF
7484	4 1/4
7515	4 1/4
7545	4 3/4
7576	4 3/4°

BIT DATA

NO	18		
DEPTH IN	7472		
SIZE	8 3/4		
MFG.	H.W		
TYPE	J44		
SER. NO.	D.P. 321		

DEPTH PREVIOUS REPORT 7490 FT. DEPTH THIS REPORT 7608 FT. GAS USED ___ BBLS WATER USED ___ HRS

TOTAL DAY WORK THIS 24 HRS. 24 HRS. WITH DRILL PIPE ___ HRS. WITHOUT DRILL PIPE ___ HRS. STANDBY

SIGNED R. Smithey FOREMAN CHECKED ___

JUN 29 1972
Inuvik, N.W.T.
District Conservation Engineer
Territory
SUPERINTENDENT

* Show total hours each tour for Drilling, Coring, DST, Logging, Shut Down, Running Casing, WOC, Completing, Loss Circulation, etc. Under REMARKS, Describe fully all shows Oil, Gas and Water, cause of Shut Down, Fishing Jobs, Casing Jobs, Steel line correction and all pertinent information not show elsewhere on report.

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FORM 16-38-865

SKELLY OIL COMPANY
DRILLERS REPORT

LEASE NAME Skelly Getty Amoco F. McPherson WELL NO. C-78 DATE June 21/72

CONTRACTOR Sst Drlg (Western) Co Ltd Rig 1 E KIND OF TOOLS Rotary

ON TOUR: 12⁰⁰ P M TO 8⁰⁰ A M DRILLER: B. Armstrong

FORMATION	FROM	TO	REMARKS
	7442	7471	12⁰⁰-12⁰⁵ - Finish W.L. Survey
			12⁰⁵-12³⁰ - R.G Service
			12³⁰-8⁰⁰ - Drlg 8 3/4 Hole

WOB - 30 M
RPM - 30
SPM - 60
PSI - 1600

* RIG TIME DATA HOURS

Mixed - Gel - 20 Sax
W.L. 100 - 2 Sax
Hi Vis Celley - 1 Sack

DAY WORK THIS TOUR: 8 HRS WITH DRILL PIPE — HRS WITHOUT DRILL PIPE ____ HRS. STANDBY

ON TOUR 8⁰⁰ A M TO 4⁰⁰ P M DRILLER: R L Hayes

FORMATION	FROM	TO	REMARKS
			8⁰⁰-8³⁰ Survey
			8³⁰ 8⁴⁵ Rig Serv
			8⁴⁵ 9¹⁵ DRLG
			9¹⁵ 12³⁰ Hoist
			12³⁰ 12⁴³ Break Bit & Blind Rams
			12⁴³ 2¹⁵ Break down DRLG String Rearrange Some
			2¹⁵ 4⁰⁰ Run in Slowly
			#17
			Bit # RR17 - 311' in 56 Hrs - T-2, B-1, G-I

WOB. 30 M
RPM 30
SPM 60
PSI 1600

* RIG TIME DATA HOURS

DAY WORK THIS TOUR: 8 HRS. WITH DRILL PIPE — HRS. WITHOUT DRILL PIPE ____ HRS. STANDBY

ON TOUR 4⁰⁰ P M TO 12⁰⁰ P. M DRILLER:

FORMATION	FROM	TO	REMARKS
	7472	7490	4⁰⁰ 4¹⁵ Rig Serv
			4¹⁵ 5⁴⁵ Finish in Slowly
			5⁴⁵ 6⁴⁵ Break Circ + Clean 25' to Bot.
			6⁴⁵-12⁰⁰ DRLG.

W.O.B - 20-30 M
R.P.M - 30-35
SPM - 60
PSI - 1600

* RIG TIME DATA HOURS

DAY WORK THIS TOUR: 8 HRS. WITH DRILL PIPE — HRS. WITHOUT DRILL PIPE ____ HRS. STANDBY

CASING RECORD

SIZE	WT.	THDS.	JTS.	WHERE SET	AMOUNT RUN L.T.M. PULLED L.T.M.	TYPE	COND.	SK. CEMENT
13 3/8	48	8R	10	322 K.B.	304.	S&L K-55	NEW	1300
9 5/8	36	8R	39	1201 K.B.	1204.	MANN K-55	NEW	676

MUD TESTS

TOUR	MORN	DAY	EVE
WT.	8.9	8.9	8.9
VIS.	50	50	47
W.L.	5.8	5.8	5.2
PH.	9.5	10.0	9.5
F.C.	2/32	2/32	2/32

SLOPE TESTS

DEPTH	DEGREE OFF
7432	4 3/4
7460	4 7/8°

BIT DATA

NO	R.R. 17	18
DEPTH IN	7181	7472
SIZE	8 3/4	8 3/4
MFG.	Sec	H.W.
TYPE	M 88	J 44
SER. NO.	340950R.	DP 321

DEPTH PREVIOUS REPORT 7442 FT. DEPTH THIS REPORT 7490 FT. GAS USED ____ HRS. WATER USED ____ BBLS HRS

TOTAL DAY WORK THIS 24 HRS: 24 HRS. WITH DRILL PIPE — HRS. WITHOUT DRILL PIPE ____ HRS. STANDBY

SIGNED R. Buckley FOREMAN CHECKED ____ SUPERINTENDENT

* Show total hours each tour for Drilling, Coring, DST, Logging, Shut Down, Running Casing, WOC, Completing, Loss Circulation, etc.
Under REMARKS: Describe fully all shows Oil, Gas and Water, cause of Shut Down, Fishing Jobs, Casing Jobs, Steel line correction and all pertinent information not show elsewhere on report.

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FORM 16-38-865

SKELLY OIL COMPANY
DRILLERS REPORT

LEASE NAME Skelly Geary Amoco Ft. McPherson WELL NO. C-75 DATE June 20/72

CONTRACTOR S&T Drlg (Western) Co Ltd Rig I E KIND OF TOOLS Rotary

ON TOUR: 12 00 P M. TO 8 00 H M DRILLER: B Armstrong

FORMATION	FROM	TO	REMARKS	
	7330	7372	12 00 - 3 00 - Drlg 8 3/4 Hole	WOB - 40M, 35M
			3 00 - 3 30 - W.L. Survey	RPM - 35, 40
			3 30 - 3 45 - Rig Service	SPM - 1608
* RIG TIME DATA	HOURS		3 45 - 8 00 - Drlg 8 3/4 Hole	PSI - 1600
			Mixed - CMC H.Vis - 1 Sack	
			W.L. 100 - 1 Sack	
			Gel - 25 Sax	
			* 2 Pump @ Idle Speed - 34 SPM @ 650 PSI	

DAY WORK THIS TOUR: 8 HRS WITH DRILL PIPE ___ HRS. WITHOUT DRILL PIPE ___ HRS. STANDBY

ON TOUR 8 00 A M TO 4 00 P M DRILLER: R L Hayes

FORMATION	FROM	TO	REMARKS	
	7372	7407	8 00 9 30 DRLG.	WOB 35M, 30M.
			9 30 10 00 Survey	RPM 40, 45
			10 00 10 15 Rig Serv & Hydril Blow out drill.	SPM - 60
* RIG TIME DATA	HOURS		10 15 4 00 DRLG	PSI 1600
			Gel 25 SXS	
			Celex 1 Sax	
			WL. 100 1 Sax	

DAY WORK THIS TOUR: 8 HRS. WITH DRILL PIPE ___ HRS. WITHOUT DRILL PIPE ___ HRS. STANDBY

ON TOUR 4 00 P M TO 12 00 P. M DRILLER:

FORMATION	FROM	TO	REMARKS	
	7407	7442	4 00 4 30 DRLG.	WOB - 30M
			4 30 5 00 Survey	RPM - 40
			5 00 5 15 Rig Serv	SPM - 60
* RIG TIME DATA	HOURS		5 15 - 11 45 DRLG	PSI - 1600
			11 45 - 12 00 - W.L. Survey	

DAY WORK THIS TOUR: 8 HRS. WITH DRILL PIPE ___ HRS. WITHOUT DRILL PIPE ___ HRS. STANDBY

CASING RECORD

SIZE	WT.	THDS.	JTS.	WHERE SET	AMOUNT RUN L.T.M. PULLED L.T.M.	TYPE	COND.	SK. CEMENT
13 3/8	48	8R	10	322 K.B.	304	S&L K-55	NEW	1300
9 5/8	36	8R	34	1201 K.B.	1204	MANN K-55	NEW	676

MUD TESTS

TOUR	MORN	DAY	EVE
WT.	8.9	8.9	8.9
VIS.	48	47	50
W.L.	5.6	5.6	5.2
PH.	10.5	10.0	9.5
F.C.	2/32	2/32	2/32.

SLOPE TESTS

DEPTH	DEGREE OFF
7338	3 1/2
7370	4°
1400	4 1/2°

BIT DATA

NO	K.R. 17		
DEPTH IN	7181		
SIZE	8 3/4		
MFG.	SEC		
TYPE	M88		
SER. NO.	340950 K.		

DEPTH PREVIOUS REPORT 7330 FT. DEPTH THIS REPORT 7442 FT. GAS USED ___ HRS. WATER USED ___ BBLS HRS

TOTAL DAY WORK THIS 24 HRS; 24 HRS. WITH DRILL PIPE ___ HRS. WITHOUT DRILL PIPE ___ HRS. STANDBY

SIGNED [signature] FOREMAN CHECKED ___ SUPERINTENDENT

* Show total hours each tour for Drilling, Coring, DST, Logging, Shut Down, Running Casing, WOC, Completing, Loss Circulation, etc. Under REMARKS; Describe fully All shows Oil, Gas and Water, cause of Shut Down, Fishing Jobs, Casing Jobs, Steel line correction and all pertinent information not show elsewhere on report.

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FORM 15-38-865

SKELLY OIL COMPANY
DRILLERS REPORT

LEASE NAME Skelly Getty Amoco Ft. McPherson WELL NO. C-78 DATE June 19/72

CONTRACTOR SAT Drlg (Western) Co Ltd Rig 1E KIND OF TOOLS Rotary

ON TOUR: 12⁰⁰ P M. TO 8⁰⁰ A M DRILLER: B Armstrong

FORMATION	FROM	TO	REMARKS	
	7186	7238	12⁰⁰-12¹⁵ - Rig Service	W.O.B. - 40M
			12¹⁵-5¹⁵ - Drlg 8 3/4 Hole	R.P.M. - 35
			5¹⁵-5⁴⁵ - W.L. Survey	S.P.M - 60
* RIG TIME DATA		HOURS	5⁴⁵-8⁰⁰ - Drlg 8 3/4 Hole	PSI -1600
			#1 Pump @ Idle Speed - 38 SPM & 750 PSI	

DAY WORK THIS TOUR: 8 HRS WITH DRILL PIPE — HRS. WITHOUT DRILL PIPE — HRS. STANDBY

ON TOUR 8⁰⁰ A M TO 4⁰⁰ P M DRILLER: R L Hayes

FORMATION	FROM	TO	REMARKS	
	7238	7285	8⁰⁰ 8¹⁵ Rig serv ✓ Hydril	W.O.B 40
			8¹⁵ 3⁴⁵ Drlg 8 3/4" Hole	R.P.M. 35
			3⁴⁵ 4⁰⁰ Survey	S.P.M. 60
* RIG TIME DATA		HOURS		P.S.I. 1600

DAY WORK THIS TOUR: 8 HRS. WITH DRILL PIPE — HRS. WITHOUT DRILL PIPE — HRS. STANDBY

ON TOUR 4⁰⁰ P M TO 12⁰⁰ P M DRILLER:

FORMATION	FROM	TO	REMARKS	
	7285	7330	4⁰⁰ 4¹⁵ Finish Survey	WOB- 40M
			4¹⁵ 4³⁰ Rig serv ✓ Hydril	RPM-35
			4³⁰-12⁰⁰ - DRLG	SPM-60
* RIG TIME DATA		HOURS		PSI -1600

DAY WORK THIS TOUR: 8 HRS. WITH DRILL PIPE — HRS. WITHOUT DRILL PIPE — HRS. STANDBY

CASING RECORD

SIZE	WT.	THDS.	JTS.	WHERE SET	AMOUNT RUN L.T.M. PULLED L.T.M.	TYPE	COND.	SK. CEMENT
13 3/8	48#	8R	10	322 K.B.	304	SCL K55	NEW	1300
9 5/8	36#	8R	39	1201 K.B.	1204	Mann K55	NEW	676

MUD TESTS

TOUR	MORN	DAY	EVE
WT.	9.0	9.0	8.9
VIS.	45	50	44
W.L.	6.8	6.0	5.2
PH.	10.5	10.0	10.0
F.C.	2/32	4/32	2/32

SLOPE TESTS

DEPTH	DEGREE OFF
7213	2°
7272	2 3/4°

BIT DATA

NO	17 R.R.		
DEPTH IN	7181		
SIZE	8 3/4		
MFG.	Sec		
TYPE	M 88		
SER. NO.	340950 R.		

DEPTH PREVIOUS REPORT 7186 FT. DEPTH THIS REPORT 7330 FT. GAS USED ____ HRS. WATER USED ____ BBLS HRS

TOTAL DAY WORK THIS 24 HRS: 24 HRS. WITH DRILL PIPE — HRS. WITHOUT DRILL PIPE — HRS. STANDBY

SIGNED [signature] FOREMAN CHECKED ____ SUPERINTENDENT

* Show total hours each tour for Drilling, Coring, DST, Logging, Shut Down, Running Casing, W.O.C., Completing, Loss Circulation, etc.
Under REMARKS: Describe fully all shows Oil, Gas and Water, cause of Shut Down, Fishing Jobs, Casing Jobs, Steel line correction and all pertinent information not show elsewhere on report.

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FORM 16-36-865

SKELLY OIL COMPANY
DRILLERS REPORT

LEASE NAME Skelly Getty Amoco Ft. McPherson WELL NO. C-78 DATE June 18/72

CONTRACTOR S&T Drlg (Western) Co Ltd Rig IE KIND OF TOOLS Rotary

ON TOUR: 12:00 P.M. TO 8:00 A.M. DRILLER: B. Armstrong

FORMATION	FROM	TO	REMARKS
	7181		12:00 - 8:00 - Circ & Condition Mud.

* RIG TIME DATA — HOURS

Mixed - Gel - 32 Sax
Caustic - 1 Sac
Soda Ash - 6 Sax
W.L. 100 - 2 Sax

DAY WORK THIS TOUR: 8 HRS WITH DRILL PIPE ___ HRS WITHOUT DRILL PIPE ___ HRS. STANDBY

ON TOUR 8:00 A.M. TO 4:00 P.M. DRILLER: R L Hayes

FORMATION	FROM	TO	REMARKS
			8:00 - 10:30 - Circ + Cond mud
			10:30 - 11:30 - Dummy TRP
			11:30 - 1:30 Circ Cond. mud
			1:30 - 4:00 Hoist

* RIG TIME DATA — HOURS

Gel - 20 Sax
Caustic - 1 Sack
Soda Ash - 2 Sax
W.L. 100 - 2 Sax

DAY WORK THIS TOUR: 8 HRS. WITH DRILL PIPE ___ HRS. WITHOUT DRILL PIPE ___ HRS. STANDBY

ON TOUR 4:00 P.M. TO 12:00 P.M. DRILLER: R L Hayes

FORMATION	FROM	TO	REMARKS
	7181	7186	4:00 - 4:15 Rig Serv + Pipe Rams
			4:15 - 4:45 Lay down Jars + Break B.I + B.I Sub
			4:45 - 5:15 Slip + Cut Drlg Line
			5:15 - 6:30 Pick up Sub + make up B.I
			6:30 - 9:15 Run in Slowly.
			9:15 - 10:45 - Break Circ & Clean 20' To Btm WOB - 35M
			10:45 - 12:00 - Drlg 8 3/4 Hole RPM - 40
			SPM - 60
			PSI - 1600

* RIG TIME DATA — HOURS

DAY WORK THIS TOUR: 8 HRS. WITH DRILL PIP ___ HRS. WITHOUT DRILL PIPE ___ HRS. STANDBY

CASING RECORD

SIZE	WT.	THDS.	JTS.	WHERE SET	AMOUNT RUN L.T.M. PULLED L.T.M.	TYPE	COND.	SK. CEMENT
13 3/4	48#	8R	10	322 K.B	304	S&L K-55	New	1300
9 5/8	36#	8R	39	1201 K.B	1204	Mann K-55	New	676

MUD TESTS

TOUR	MORN	DAY	EVE
WT.	9.0	90	9.0
VIS.	41	45	48
W.L.	5.2	7.2	5.2
PH.	9.5	9.5	10.5
F.C.	2/32	2/32	2/32

SLOPE TESTS

DEPTH	DEGREE OFF

BIT DATA

NO	R.R. #2	17
DEPTH IN	Clean To 7181	7181
SIZE	8 3/4	8 3/4
MFG.	H.W	See
TYPE	X1G	M88
SER. NO.	38410	340950 R

DEPTH PREVIOUS REPORT 7181 FT. DEPTH THIS REPORT 7186 FT. GAS USED ___ HRS. WATER USED ___ BBLS HRS

TOTAL DAY WORK THIS 24 HRS: 24 HRS. WITH DRILL PIPE ___ HRS. WITHOUT DRILL PIPE ___ HRS. STANDBY

SIGNED [signature] FOREMAN CHECKED ___ SUPERINTENDENT

* Show total hours each tour for Drilling, Coring, DST, Logging, Shut Down, Running Casing, WOC, Completing, Loss Circulation, etc. Under REMARKS: Describe fully all shows Oil, Gas and Water, cause of Shut Down, Fishing Jobs, Casing Jobs, Steel line correction and all pertinent information not show elsewhere on report.

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FORM 16-38-855

SKELLY OIL COMPANY
DRILLERS REPORT

LEASE NAME SKELLY-GETTY-AMOCO-ET McPHERSON WELL NO. C-28 DATE JUNE 12-72

CONTRACTOR S & T RIG 1-E KIND OF TOOLS ROTARY

ON TOUR: 12A M. TO 8A M DRILLER:

FORMATION	FROM	TO	REMARKS
			PICK UP DRILL PIPE -
			BREAK CIRCULATION & CIRCULATE BOTTOMS UP EVERY 1000'.

* RIG TIME DATA	HOURS

DAY WORK THIS TOUR: 8 HRS WITH DRILL PIPE — HRS WITHOUT DRILL PIPE ____ HRS. STANDBY

ON TOUR 8A M TO 4P M DRILLER:

FORMATION	FROM	TO	REMARKS
			TOP OF FILL AT 7000'. CIRCULATE & ROTATE TO 7150.
			REDRILL FROM 7150 - 7169.

* RIG TIME DATA	HOURS
	BY PASSED HEAVY MUD TO SUMP FROM 6500' TO 7150'.

DAY WORK THIS TOUR: 8 HRS. WITH DRILL PIPE — HRS. WITHOUT DRILL PIPE ____ HRS. STANDBY

ON TOUR 4P M TO 12 P M DRILLER:

FORMATION	FROM	TO	REMARKS
			REDRILL FROM 7169 - 7181 . 4½ HRS
			CIRCULATE & PRE-HYDRATED 100 BBL PILL

* RIG TIME DATA	HOURS
	CIRCULATED PRE-HYDRATED PILL INTO MUD SYSTEM.
	WATER HAS CALCIUM CONTENT OF 150 PPM

DAY WORK THIS TOUR: 8 HRS. WITH DRILL PIPE — HRS. WITHOUT DRILL PIPE ____ HRS. STANDBY

CASING RECORD

SIZE	WT.	THDS.	JTS.	WHERE SET	AMOUNT RUN L.T.M. PULLED L.T.M.	TYPE	COND.	SK. CEMENT

MUD TESTS

TOUR	MORN	DAY	EVE
WT.	8.9	8.9	8.9
VIS.	45	40	41
W.L.	7.6	7.6	6.6
PH.	9.0	9.0	9.5
F.C.			

SLOPE TESTS

DEPTH	DEGREE OFF

BIT DATA

NO	RR #2		
DEPTH IN			
SIZE	8 3/4		
MFG.	HW		
TYPE	X1G		
SER. NO.	38410		

DEPTH PREVIOUS REPORT 7181 FT. DEPTH THIS REPORT 7181 FT. GAS USED ____ HRS. WATER USED ____ BBLS HRS

TOTAL DAY WORK THIS 24 HRS; 24 HRS. WITH DRILL PIPE — HRS. WITHOUT DRILL PIPE ____ HRS. STANDBY

SIGNED [signature] FOREMAN CHECKED ____ SUPERINTENDENT

* Show total hours each tour for Drilling, Coring, DST, Logging, Shut Down, Running Casing, WOC, Completing, Loss Circulation, etc. Under REMARKS, Describe fully all shows Oil, Gas and Water, cause of Shut Down, Fishing Jobs, Casing Jobs, Steel line correction and all pertinent information not show elsewhere on report.

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FORM 16-38-865

SKELLY OIL COMPANY
DRILLERS REPORT

LEASE NAME SKELLY-GETTY-AMOCO-Ft McPherson LEASE NO. C-28 DATE JUNE-16-72

CONTRACTOR S&T RIG 1-E. KIND OF TOOLS ROTARY

ON TOUR: M. TO M DRILLER:

FORMATION	FROM	TO	REMARKS
			FINISH RIG UP CAMP-
			START TO PICK DRILL COLLARS & DRILL PIPE - & RERUN XIG RIT.
			LAY WATER LINE TO CAMP & RIG-

* RIG TIME DATA	HOURS

DAY WORK THIS TOUR; _____ HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ HRS. STANDBY

ON TOUR M TO M DRILLER:

FORMATION	FROM	TO	REMARKS

* RIG TIME DATA	HOURS

DAY WORK THIS TOUR; _____ HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ HRS. STANDBY

ON TOUR M TO M DRILLER:

FORMATION	FROM	TO	REMARKS

* RIG TIME DATA	HOURS

DAY WORK THIS TOUR; _____ HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ HRS. STANDBY

CASING RECORD

SIZE	WT.	THDS.	JTS.	WHERE SET	AMOUNT RUN L.T.M. PULLED L.T.M.	TYPE	COND.	SK. CEMENT

MUD TESTS

TOUR	MORN	DAY	EVE
WT.			
VIS.			
W.L.			
PH.			
F.C.			

SLOPE TESTS

DEPTH	DEGREE OFF

BIT DATA

NO			
DEPTH IN			
SIZE			
MFG.			
TYPE			
SER. NO.			

DEPTH PREVIOUS REPORT 7191 FT. DEPTH THIS REPORT 7191 FT. GAS USED _____ HRS. WATER USED _____ BBLS HRS

TOTAL DAY WORK THIS 24 HRS; _____ HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ HRS. STANDBY

SIGNED _____ FOREMAN CHECKED _____ SUPERINTENDENT

* Show total hours each tour for Drilling, Coring, DST, Logging, Shut Down, Running Casing, WOC, Completing, Loss Circulation, etc.
Under REMARKS; Describe fully all shows Oil, Gas and Water, cause of Shut Down, Fishing Jobs, Casing Jobs, Steel line correction and all pertinent information not show elsewhere on report.

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FORM 16-28-865

SKELLY OIL COMPANY
DRILLERS REPORT

LEASE NAME SKELLY-GETTY-AMOCO-FT McPHERSON WELL NO. C-22 DATE JUNE 15-72

CONTRACTOR S&T RIG 1-E. KIND OF TOOLS ROTARY

ON TOUR; M. TO M DRILLER;

FORMATION	FROM	TO	REMARKS
			RIG UP BUILDINGS ON CAMP SITE.
			CIRCULATED 450' SURFACE HOLE.
			FLEW IN CREWS, COOKS ETC. FROM EDMONTON ON F-22.

* RIG TIME DATA	HOURS

DAY WORK THIS TOUR; _____ HRS WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ HRS. STANDBY

ON TOUR M TO M DRILLER;

FORMATION	FROM	TO	REMARKS

* RIG TIME DATA	HOURS

DAY WORK THIS TOUR; _____ HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ HRS. STANDBY

ON TOUR M TO M DRILLER;

FORMATION	FROM	TO	REMARKS

* RIG TIME DATA	HOURS

DAY WORK THIS TOUR; _____ HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ HRS. STANDBY

CASING RECORD

SIZE	WT.	THDS.	JTS.	WHERE SET	AMOUNT RUN L.T.M. PULLED L.T.M.	TYPE	COND.	SK. CEMENT

MUD TESTS

TOUR	MORN	DAY	EVE
WT.			
VIS.			
W.L.			
PH.			
F.C.			

SLOPE TESTS

DEPTH	DEGREE OFF

BIT DATA

NO			
DEPTH IN			
SIZE			
MFG.			
TYPE			
SER. NO.			

DEPTH PREVIOUS REPORT 2121 FT. DEPTH THIS REPORT 2121 FT. GAS USED _____ HRS. WATER USED _____ BBLS HRS

TOTAL DAY WORK THIS 24 HRS; _____ HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ HRS. STANDBY

SIGNED _____ FOREMAN CHECKED _____ SUPERINTENDENT

* Show total hours each tour for Drilling, Coring, DST, Logging, Shut Down, Running Casing, WOC, Completing, Loss Circulation, etc. Under REMARKS; Describe fully all shows Oil, Gas and Water, cause of Shut Down, Fishing Jobs, Casing Jobs, Steel line correction and all pertinent information not show elsewhere on report.

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FORM 16-38-865

SKELLY OIL COMPANY
DRILLERS REPORT

LEASE NAME SKELLY-PETTY-AMOCO-FT MCPHERSON WELL NO. C-22 DATE JUNE-15-22

CONTRACTOR SET RIG 1-E. KIND OF TOOLS ROTARY

ON TOUR: M. TO M DRILLER:

FORMATION	FROM	TO	REMARKS
			RIG UP BUILDINGS ON CAMP SITE.
			CIRCULATED 450' SURFACE HOLE.
			FLEW IN CREWS, COOKS ETC FROM EDMONTON ON F-22.

* RIG TIME DATA	HOURS

DAY WORK THIS TOUR; _____ HRS WITH DRILL PIPE _____ HRS WITHOUT DRILL PIPE _____ HRS. STANDBY

ON TOUR M. TO M DRILLER:

FORMATION	FROM	TO	REMARKS

* RIG TIME DATA	HOURS

DAY WORK THIS TOUR; _____ HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ HRS. STANDBY

ON TOUR M TO M DRILLER:

FORMATION	FROM	TO	REMARKS

* RIG TIME DATA	HOURS

DAY WORK THIS TOUR; _____ HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ HRS. STANDBY

CASING RECORD

SIZE	WT.	THDS.	JTS.	WHERE SET	AMOUNT RUN L.T.M. PULLED L.T.M.	TYPE	COND.	SK. CEMENT

MUD TESTS			
TOUR	MORN	DAY	EVE
WT.			
VIS.			
W.L.			
PH.			
F.C.			

SLOPE TESTS	
DEPTH	DEGREE OFF

BIT DATA			
NO			
DEPTH IN			
SIZE			
MFG.			
TYPE			
SER. NO.			

DEPTH PREVIOUS REPORT 2121 FT. DEPTH THIS REPORT 2121 FT. GAS USED _____ HRS. WATER USED _____ BBLS HRS

TOTAL DAY WORK THIS 24 HRS; _____ HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ HRS. STANDBY

SIGNED _____ CHECKED _____

FOREMAN SUPERINTENDENT

* Show total hours each tour for Drilling, Coring, DST, Logging, Shut Down, Running Casing, WOC, Completing, Loss Circulation, etc. Under REMARKS, Describe fully all shows Oil, Gas and Water, cause of Shut Down, Fishing Jobs, Casing Jobs, Steel line correction and all pertinent information not show elsewhere on report.

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FORM 16-38-865

SKELLY OIL COMPANY
DRILLERS REPORT

LEASE NAME SKELLY-GETTY-AMOCO-FT MCPHERSON WELL NO. C-72 DATE JUNE-14-72

CONTRACTOR S & T RIG 1-E. KIND OF TOOLS ROTARY

ON TOUR: M. TO M DRILLER:

FORMATION	FROM	TO	REMARKS
			PREPARE NEW CAMP SITE ON RIVER BANK.
			CIRCULATE SURFACE HOLE.
			MOVE BUILDINGS ON TO CAMP SITE
			5 MAN CREW & TOOL PUSHER
			3 HACKWELL
			1 KAPS NODWELL & DRIVERS. (2)

* RIG TIME DATA	HOURS

DAY WORK THIS TOUR: ____ HRS WITH DRILL PIPE ____ HRS. WITHOUT DRILL PIPE ____ HRS. STANDBY

ON TOUR M TO M DRILLER:

FORMATION	FROM	TO	REMARKS

* RIG TIME DATA	HOURS

DAY WORK THIS TOUR: ____ HRS. WITH DRILL PIPE ____ HRS. WITHOUT DRILL PIPE ____ HRS. STANDBY

ON TOUR M TO M DRILLER:

FORMATION	FROM	TO	REMARKS

* RIG TIME DATA	HOURS

DAY WORK THIS TOUR: ____ HRS. WITH DRILL PIPE ____ HRS. WITHOUT DRILL PIPE ____ HRS. STANDBY

CASING RECORD

SIZE	WT.	THDS.	JTS.	WHERE SET	AMOUNT RUN L.T.M. PULLED L.T.M.	TYPE	COND.	SK. CEMENT

MUD TESTS			
TOUR	MORN	DAY	EVE
WT.			
VIS.			
W.L.			
PH.			
F.C.			

SLOPE TESTS	
DEPTH	DEGREE OFF

BIT DATA			
NO			
DEPTH IN			
SIZE			
MFG.			
TYPE			
SER. NO.			

DEPTH PREVIOUS REPORT 7121 FT. DEPTH THIS REPORT 7121 FT. GAS USED ____ HRS. WATER USED ____ BBLS HRS

TOTAL DAY WORK THIS 24 HRS; ____ HRS. WITH DRILL PIPE ____ HRS. WITHOUT DRILL PIPE ____ HRS. STANDBY

SIGNED _____ FOREMAN CHECKED _____ SUPERINTENDENT

* Show total hours each tour for Drilling, Coring, DST, Logging, Shut Down, Running Casing, WOC, Completing, Loss Circulation, etc. Under REMARKS: Describe fully all shows Oil, Gas and Water, cause of Shut Down, Fishing Jobs, Casing Jobs, Steel line correction and all pertinent information not show elsewhere on report.

PRINTED IN U.S.A.

FORM 16-38-865

SKELLY OIL COMPANY
DRILLERS REPORT

LEASE NAME SKELLY-GETTY-AMOCO-ET MCPHERSON WELL NO. C28 DATE JUNE-13-72

CONTRACTOR S&T RIG 1-E. KIND OF TOOLS ROTARY

ON TOUR: M. TO M DRILLER:

FORMATION	FROM	TO

* RIG TIME DATA	HOURS

REMARKS CIRCULATED HOLE FROM 450'.
SURFACE TEMP- 57°F.
LOW HOLE TEMP- 40°F.
ABANDONED GRAVEL PIT & CAMP SITE
GRAVEL IN PIT & ON PAD TURNED TO MUCK.
OBTAIN PERMISSION FROM MR M. THOMAS
DISTRICT CONSERVATION ENGINEER-INUVIK
TO MOVE CAMP SITE DOWN NEXT TO RIVER
& SET ON PLANK & SAWDUST PAD-

DAY WORK THIS TOUR: _____ HRS WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ HRS. STANDBY

ON TOUR M TO M DRILLER:

FORMATION	FROM	TO

* RIG TIME DATA	HOURS

REMARKS BARGE OUT NODWELL FROM INUVIK
TO MOVE CAMP.

HAUL SAWDUST & PLANKS FROM ARCTIC
RED RIVER WITH 204- BELL-

DAY WORK THIS TOUR: _____ HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ HRS. STANDBY

ON TOUR M TO M DRILLER:

FORMATION	FROM	TO

* RIG TIME DATA	HOURS

REMARKS

DAY WORK THIS TOUR: _____ HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ HRS. STANDBY

CASING RECORD

SIZE	WT.	THDS.	JTS.	WHERE SET	AMOUNT RUN L.T.M. PULLED L.T.M.	TYPE	COND.	SK. CEMENT

MUD TESTS			
TOUR	MORN	DAY	EVE
WT.			
VIS.			
W.L.			
PH.			
F.C.			

SLOPE TESTS	
DEPTH	DEGREE OFF

BIT DATA			
NO			
DEPTH IN			
SIZE			
MFG.			
TYPE			
SER. NO.			

DEPTH PREVIOUS REPORT 7191 FT. DEPTH THIS REPORT 7191 FT. GAS USED _____ HRS. WATER USED _____ BBLS HRS

TOTAL DAY WORK THIS 24 HRS; _____ HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ HRS. STANDBY

SIGNED _____ FOREMAN CHECKED _____ SUPERINTENDENT

* Show total hours each tour for Drilling, Coring, DST, Logging, Shut Down, Running Casing, WOC, Completing, Loss Circulation, etc. Under REMARKS, Describe fully all shows Oil, Gas and Water, cause of Shut Down, Fishing Jobs, Casing Jobs, Steel line correction and all pertinent information not show elsewhere on report.

PRINTED IN U.S.A.

FORM 16-38-865

SKELLY OIL COMPANY
DRILLERS REPORT

LEASE NAME SKELLY-GETTY-AMOCO-FT McPHERSON WELL NO. C 28 DATE JUNE-12-72

CONTRACTOR S & T RIG 1-E KIND OF TOOLS ROTARY

ON TOUR: M. TO M DRILLER:

FORMATION	FROM	TO	REMARKS
			TOP OF GRAVEL 6'12' BELOW SURFACE - BUILD GRAVEL PAD FOR CAMP - UNLOADED BARGE FROM INUVIK WITH 5 CAMP BUILDINGS.

* RIG TIME DATA	HOURS

RAN DRILL PIPE IN HOLE TO 450' GUN UP MUD IN TANKS - SURFACE MUD TEMP - 58° F - CIRCULATED TOP 450 OF HOLE - TEMP DECREASED TO 39° F - THEN INCREASED TO 58°F AFTER

DAY WORK THIS TOUR: _____ HRS WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ HRS. STANDBY

ON TOUR M TO M DRILLER:

FORMATION	FROM	TO	REMARKS
			COMPLETE CIRCULATION -
			5 MAN CREW & TOOL PUSHER
			3 HACKWELL
			1 - RIG LEVELER.

* RIG TIME DATA	HOURS

DAY WORK THIS TOUR: _____ HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ HRS. STANDBY

ON TOUR M TO M DRILLER:

FORMATION	FROM	TO	REMARKS

*RIG TIME DATA	HOURS

DAY WORK THIS TOUR: _____ HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ HRS. STANDBY

CASING RECORD

SIZE	WT.	THDS.	JTS.	WHERE SET	AMOUNT RUN L.T.M. PULLED L.T.M.	TYPE	COND.	SK. CEMENT

MUD TESTS

TOUR	MORN	DAY	EVE
WT.			
VIS.			
W.L.			
PH.			
F.C.			

SLOPE TESTS

DEPTH	DEGREE OFF

BIT DATA

NO			
DEPTH IN			
SIZE			
MFG.			
TYPE			
SER. NO.			

DEPTH PREVIOUS REPORT 7181 FT. DEPTH THIS REPORT 7191 FT. GAS USED _____ HRS. WATER USED _____ BBLS HRS

TOTAL DAY WORK THIS 24 HRS; _____ HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ HRS. STANDBY

SIGNED _____ FOREMAN CHECKED _____ SUPERINTENDENT

* Show total hours each tour for Drilling, Coring, DST, Logging, Shut Down, Running Casing, WOC, Completing, Loss Circulation, etc.
Under REMARKS: Describe fully all shows Oil, Gas and Water, cause of Shut Down, Fishing Jobs, Casing Jobs, Steel line correction and all pertinent information not show elsewhere on report.

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FORM 16-38-865

SKELLY OIL COMPANY
DRILLERS REPORT

LEASE NAME SKELLY-GETTY-AMOCO-G McPHERSON NO. C22 DATE JUNE-11-72

CONTRACTOR S&T RIG 1-E. KIND OF TOOLS ROTARY

ON TOUR: M. TO M DRILLER:

FORMATION	FROM	TO	REMARKS
			3" OF RAIN IN LAST 24 HRS.
			STARTED CATS REMOVING OVER BURDEN ON GRAVEL TO BUILD CAMP PAD.

* RIG TIME DATA	HOURS	
		LEVEL RIG & RAISED DERRICK.
		5 MAN RIG CREW & TOOL PUSHER
		2 HACKWELL
		1 - RIG LEVELER -

DAY WORK THIS TOUR; _____ HRS WITH DRILL PIPE _____ HRS WITHOUT DRILL PIPE _____ HRS. STANDBY

ON TOUR M TO M DRILLER:

FORMATION	FROM	TO	REMARKS

* RIG TIME DATA	HOURS

DAY WORK THIS TOUR; _____ HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ HRS. STANDBY

ON TOUR M TO M DRILLER:

FORMATION	FROM	TO	REMARKS

* RIG TIME DATA	HOURS

DAY WORK THIS TOUR; _____ HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ HRS. STANDBY

CASING RECORD

SIZE	WT.	THDS.	JTS.	WHERE SET	AMOUNT RUN L.T.M. PULLED L.T.M.	TYPE	COND.	SK. CEMENT

MUD TESTS			
TOUR	MORN	DAY	EVE
WT.			
VIS.			
W.L.			
PH.			
F.C.			

SLOPE TESTS	
DEPTH	DEGREE OFF

BIT DATA			
NO			
DEPTH IN			
SIZE			
MFG.			
TYPE			
SER. NO.			

DEPTH PREVIOUS REPORT 7121 FT. DEPTH THIS REPORT 7121 FT. GAS USED _____ HRS. WATER USED _____ BBLS HRS

TOTAL DAY WORK THIS 24 HRS; _____ HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ HRS. STANDBY

SIGNED _____ CHECKED _____

FOREMAN SUPERINTENDENT

* Show total hours each tour for Drilling, Coring, DST, Logging, Shut Down, Running Casing, WOC, Completing, Loss Circulation, etc.
Under REMARKS; Describe fully all shows Oil, Gas and Water, cause of Shut Down, Fishing Jobs, Casing Jobs, Steel line correction and all pertinent information not show elsewhere on report.

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FORM 16-38-865

SKELLY OIL COMPANY
DRILLERS REPORT

LEASE NAME SKELLY-GETTY-AMOCO-FT McPHERSON WELL NO. C 22 DATE JUNE 10-72

CONTRACTOR S & T RIG 1-E. KIND OF TOOLS ROTARY

ON TOUR: M TO M DRILLER:

FORMATION	FROM	TO	REMARKS
			INSPECTED FIRE DAMAGE - SELECTED NEW CAMP SITE & GRAVEL PIT.

* RIG TIME DATA	HOURS
	5 RIG CREW & TOOL PUSHER
	2 HACKWELL -

DAY WORK THIS TOUR: _____ HRS WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ HRS. STANDBY

ON TOUR M TO M DRILLER:

FORMATION	FROM	TO	REMARKS

* RIG TIME DATA	HOURS

DAY WORK THIS TOUR: _____ HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ HRS. STANDBY

ON TOUR M TO M DRILLER:

FORMATION	FROM	TO	REMARKS

*RIG TIME DATA	HOURS

DAY WORK THIS TOUR: _____ HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ HRS. STANDBY

CASING RECORD

SIZE	WT.	THDS.	JTS.	WHERE SET	AMOUNT RUN L.T.M. PULLED L.T.M.	TYPE	COND.	SX. CEMENT

MUD TESTS

TOUR	MORN	DAY	EVE
WT.			
VIS.			
W.L.			
PH.			
F.C.			

SLOPE TESTS

DEPTH	DEGREE OFF

BIT DATA

NO			
DEPTH IN			
SIZE			
MFG.			
TYPE			
SER. NO.			

DEPTH PREVIOUS REPORT 7181 FT. DEPTH THIS REPORT 7181 FT. GAS USED _____ HRS. WATER USED _____ SELS. HRS.

TOTAL DAY WORK THIS 24 HRS; _____ HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ HRS. STANDBY

SIGNED _____ CHECKED _____

FOREMAN SUPERINTENDENT

* Show total hours each tour for Drilling, Coring, DST, Logging, Shut Down, Running Casing, WOC, Completing, Loss Circulation, etc. Under REMARKS; Describe fully all shows Oil, Gas and Water, cause of Shut Down, Fishing Jobs, Casing Jobs, Steel line corraction and all pertinent information not show elsewhere on report.

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FORM 16-38-865

SKELLY OIL COMPANY
DRILLERS REPORT

LEASE NAME SKELLY-GETTY-AMOCO-Ft McPHERSON WELL NO. C-22 DATE JUNE 9-72
CONTRACTOR S&T RIG 1-E. KIND OF TOOLS ROTARY

ON TOUR: M. TO M DRILLER:

FORMATION	FROM	TO	REMARKS
			CLEAN UP CAMP BUILDINGS
			RUN HERMAN-NELSON HEATERS TO DRY UP BUILDINGS -
			BURNT CAMP BUILDINGS EXCEPT FOR 1- SLEEPER WHICH WAS PULLED OUT WITH CAT.
			FIRE STARTED AT APPROXIMETELY - 10 30 P.M

* RIG TIME DATA | HOURS

DAY WORK THIS TOUR: ____ HRS WITH DRILL PIPE ____ HRS. WITHOUT DRILL PIPE ____ HRS. STANDBY

ON TOUR M TO M DRILLER:

FORMATION	FROM	TO	REMARKS
			JUNE 8-72 - FIRE STARTED IN LIVING QUARTERS OF GEOLOGISTS TRAILER & HALLWAY. A HERMAN-NELSON - SINGLE DUCT - HEATER WAS SITTING OUTSIDE OF THE CAMP & WAS BLOWING HOT AIR INTO TRAILER THROUGH TWO HOSES. HEAT WAS CHECKED OK ABOUT 10 MINS BEFORE FIRE WAS DISCOVERED. FIRE EXTINGUISHERS & HONDA WATER PUMP WERE USED ON FIRE. 2 - 100# BOTTLES OF PROPANE OUT SIDE OF GEOLOGISTS

* RIG TIME DATA | HOURS

DAY WORK THIS TOUR: ____ HRS. WITH DRILL PIPE ____ HRS. WITHOUT DRILL PIPE ____ HRS. STANDBY

ON TOUR M TO M DRILLER:

FORMATION	FROM	TO	REMARKS
			TRAILER OVER HEATED - THE TOP VALVE ON ONE RELEASED & SPRAYED INTO GEOLOGISTS TRAILER THE OTHER EXPLODED & BLEW RIGHT THROUGH THE SKELLY TRAILER. BECAUSE OF HEAT & MUCK ON TOP FIRE FIGHTING OPERATIONS HAD TO BE ABANDONED.
			1 BUILDINGS LOST TO FIRE
			WASH HOUSE (1) COOK TRAILER (1) DINING - TRAILER - (1)
			TOOL PUSHER & COOKS QUARTERS TRAILER - (1) GEOLOGISTS TRAILER.
			(1) SKELLY TRAILER. PLUS CONNECTING PORCHS.

* RIG TIME DATA | HOURS

DAY WORK THIS TOUR: ____ HRS. WITH DRILL PIPE ____ HRS. WITHOUT DRILL PIPE ____ HRS. STANDBY

CASING RECORD

SIZE	WT.	THDS.	JTS.	WHERE SET	AMOUNT RUN L.T.M. PULLED L.T.M.	TYPE	COND.	SK. CEMENT
1 MAN HOSPITALIZED BECAUSE OF OVER EXERTION								

MUD TESTS

TOUR	MORN	DAY	EVE
WT.			
VIS.			
W.L.			
PH.			
F.C.			

SLOPE TESTS

DEPTH	DEGREE OFF

BIT DATA

NO			
DEPTH IN			
SIZE			
MFG.			
TYPE			
SER. NO.			

DEPTH PREVIOUS REPORT 2181 FT. DEPTH THIS REPORT 2181 FT. GAS USED ____ HRS. WATER USED ____ BBLS HRS

TOTAL DAY WORK THIS 24 HRS: ____ HRS. WITH DRILL PIPE ____ HRS. WITHOUT DRILL PIPE ____ HRS. STANDBY

SIGNED R. Rushing FOREMAN ____ CHECKED ____ SUPERINTENDENT

* Show total hours each tour for Drilling, Coring, DST, Logging, Shut Down, Running Casing, WOC, Completing, Loss Circulation, etc. Under REMARKS, Describe fully all shows Oil, Gas and Water, cause of Shut Down, Fishing Jobs, Casing Jobs, Steel line correction and all pertinent information not show elsewhere on report.

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FORM 16-38-865

SKELLY OIL COMPANY
DRILLERS REPORT

LEASE NAME SKELLY-GETTY-AMOCO-ET McPHERSON WELL NO. C 77 DATE JUNE-8-72

CONTRACTOR S&T-RIG 1-E. KIND OF TOOLS ROTARY

ON TOUR: M. TO M DRILLER:

FORMATION	FROM	TO	REMARKS
			CLEAN UP CAMP BUILDINGS
			PUMP OUT RIG SUMP-
			5 MAN RIG CREW & TOOL PUSH
			2 HACK WELL -

* RIG TIME DATA	HOURS

DAY WORK THIS TOUR; _____ HRS WITH DRILL PIPE _____ HRS WITHOUT DRILL PIPE _____ HRS STANDBY

ON TOUR M TO M DRILLER;

FORMATION	FROM	TO	REMARKS

* RIG TIME DATA	HOURS

DAY WORK THIS TOUR; _____ HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ HRS. STANDBY

ON TOUR M TO M DRILLER;

FORMATION	FROM	TO	REMARKS

*RIG TIME DATA	HOURS

DAY WORK THIS TOUR; _____ HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ HRS. STANDBY

CASING RECORD

SIZE	WT.	THDS.	JTS.	WHERE SET	AMOUNT RUN L.T.M. PULLED L.T.M.	TYPE	COND.	SK. CEMENT

MUD TESTS				SLOPE TESTS		BIT DATA			
TOUR	MORN	DAY	EVE	DEPTH	DEGREE OFF	NO			
WT.						DEPTH IN			
VIS.						SIZE			
W.L.						MFG.			
PH.						TYPE			
F.C.						SER. NO.			

DEPTH PREVIOUS REPORT 7181 FT. DEPTH THIS REPORT 7181 FT. GAS USED _____ HRS. WATER USED _____ BBLS HRS

TOTAL DAY WORK THIS 24 HRS; _____ HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ HRS. STANDBY

SIGNED R Goolsby FOREMAN CHECKED _____ SUPERINTENDENT

* Show total hours each tour for Drilling, Coring, DST, Logging, Shut Down, Running Casing, WOC, Completing, Loss Circulation, etc.
Under REMARKS; Describe fully all shows Oil, Gas and Water, cause of Shut Down, Fishing Jobs, Casing Jobs, Steel line correction and all pertinent information not show elsewhere on report.

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FORM 16-38-865

SKELLY OIL COMPANY
DRILLERS REPORT

LEASE NAME SKELLY-BETTY-AMOCO-FT MCPHERSON WELL NO. C-22 DATE June 2-72

CONTRACTOR SET RIG 1-E. KIND OF TOOLS ROTARY

ON TOUR: M. TO M DRILLER:

FORMATION	FROM	TO	REMARKS
			CLEAN UP CAMP BUILDINGS
			PUMP OUT RIG SUMP.
			5 MAN RIG CREW.
			2 HACKWELL.

* RIG TIME DATA	HOURS

DAY WORK THIS TOUR: _____ HRS WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ HRS. STANDBY

ON TOUR M TO M DRILLER:

FORMATION	FROM	TO	REMARKS

* RIG TIME DATA	HOURS

DAY WORK THIS TOUR: _____ HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ HRS. STANDBY

ON TOUR M TO M DRILLER:

FORMATION	FROM	TO	REMARKS

* RIG TIME DATA	HOURS

DAY WORK THIS TOUR: _____ HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ HRS. STANDBY

CASING RECORD

SIZE	WT.	THDS.	JTS.	WHERE SET	AMOUNT RUN L.T.M. PULLED L.T.M.	TYPE	COND.	SK. CEMENT

MUD TESTS			
TOUR	MORN	DAY	EVE
WT.			
V.S.			
W.L.			
PH.			
F.C.			

SLOPE TESTS	
DEPTH	DEGREE OFF

BIT DATA			
NO			
DEPTH IN			
SIZE			
MFG.			
TYPE			
SER. NO.			

DEPTH PREVIOUS REPORT 7181 FT. DEPTH THIS REPORT 7181 FT. GAS USED _____ MCF WATER USED _____ BBLS

TOTAL DAY WORK THIS 24 HRS: _____ HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ HRS. STANDBY

SIGNED _____ CHECKED _____

FOREMAN SUPERINTENDENT

INDIAN AFFAIRS & NORTHERN DEVELOPMENT MINERAL DIVISION JUN 29 1972 DISTRICT OF MACKENZIE INUVIK, N.W.T.

* Show total hours each tour for Drilling, Coring, DST, Logging, Shut Down, Running Casing, WOC, Completing, Loss Circulation, etc. Under REMARKS: Describe fully all shows Oil, Gas and Water, cause of Shut Down, Fishing Jobs, Casing Jobs, Straight hole correction and all pertinent information not show elsewhere on report.

16-38 REV. 11-58

SKELLY OIL COMPANY
DRILLERS REPORT
Ft McPherson

LEASE NAME Skelly Getty Amoco WELL NO. C-78 DATE June 6 72

CONTRACTOR S&T Drilling (Western) Rig #E KIND OF TOOLS Rotary

ON TOUR: 8:00 AM TO 9:00 PM DRILLER: B Armstrong

FORMATION	FROM	TO	REMARKS
			Flood Waters down 6' @ 7:00 a.m. Crew moved out from town & Adna to live in Blackwell Camp & Wellsite. Crew still working on camp. Hole is full holding mud good

* RIG TIME DATA	HOURS

DAY WORK THIS TOUR: _____ HRS WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ HRS. STANDBY

ON TOUR M TO M DRILLER:

FORMATION	FROM	TO	REMARKS

* RIG TIME DATA	HOURS

DAY WORK THIS TOUR: _____ HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ HRS. STANDBY

ON TOUR M TO M DRILLER:

FORMATION	FROM	TO	REMARKS

*RIG TIME DATA	HOURS

DAY WORK THIS TOUR: _____ HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ HRS. STANDBY

CASING RECORD

SIZE	WT.	THDS.	JTS.	WHERE SET	AMOUNT RUN L.T.M. PULLED L.T.M.	TYPE	COND.	SK. CEMENT

MUD TESTS			
TOUR	MORN	DAY	EVE
WT.			
VIS.			
W.L.			
PH.			
F.C.			

SLOPE TESTS	
DEPTH	DEGREE OFF

BIT DATA			
NO			
DEPTH IN			
SIZE			
MFG.			
TYPE			
SER. NO.			

DEPTH PREVIOUS REPORT _____ FT. DEPTH THIS REPORT _____ FT. GAS USED _____ HRS. WATER USED _____ BBLS HRS.

TOTAL DAY WORK THIS 24 HRS; _____ HRS. WITH DRILL PIPE _____ HRS WITHOUT DRILL PIPE 24 HRS. STANDBY

SIGNED _____ FOREMAN CHECKED _____ SUPERINTENDENT

* Show total hours each tour for Drilling, Coring, DST, Logging, Shut Down, Running Casing, W.O.C., Completing, Loss Circulation, etc. Under REMARKS, Describe fully all shows Oil, Gas and Water, cause of Shut Down, Fishing Jobs, Casing Jobs, Steel line correction and all pertinent information not show elsewhere on report.

16-36 REV. 11-58

SKELLY OIL COMPANY
DRILLERS REPORT

LEASE NAME Skelly Getty Amoco Ft McPherson WELL NO. C-78 DATE June 5 72

CONTRACTOR S&T Drilling (Western) Rig 1E KIND OF TOOLS Rotary

ON TOUR: 8:00 A.M. TO 9:30 P.M. DRILLER: B Armstrong.

FORMATION	FROM	TO	REMARKS
			Flood Waters Down 55" From Highest Level @ 8:00 A.M. Crew working on camp. Moved Hartwell Comp. near rig. Cleaned it up. to have in. Hole is full & has not taken any mud since the rig shut down

* RIG TIME DATA	HOURS

DAY WORK THIS TOUR: _____ HRS WITH DRILL PIPE _____ HRS WITHOUT DRILL PIPE _____ HRS. STANDBY

ON TOUR _____ M TO _____ M DRILLER:

FORMATION	FROM	TO	REMARKS

* RIG TIME DATA	HOURS

DAY WORK THIS TOUR: _____ HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ HRS. STANDBY

ON TOUR _____ M TO _____ M DRILLER:

FORMATION	FROM	TO	REMARKS

* RIG TIME DATA	HOURS

DAY WORK THIS TOUR: _____ HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ HRS. STANDBY

CASING RECORD

SIZE	WT.	THDS.	JTS.	WHERE SET	AMOUNT RUN L.T.M. PULLED L.T.M.	TYPE	COND.	SK. CEMENT

MUD TESTS

TOUR	MORN	DAY	EVE
WT.			
VIS.			
W.L.			
PH.			
F.C.			

SLOPE TESTS

DEPTH	DEGREE OFF

BIT DATA

NO			
DEPTH IN			
SIZE			
MFG.			
TYPE			
SER. NO.			

DEPTH PREVIOUS REPORT 7181 FT. DEPTH THIS REPORT 7181 FT. GAS USED _____ HRS. WATER USED _____ BBLS HRS

TOTAL DAY WORK THIS 24 HRS; _____ HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE 24 HRS. STANDBY

SIGNED _____ FOREMAN CHECKED _____ SUPERINTENDENT

* Show total hours each tour for Drilling, Coring, DST, Logging, Shut Down, Running Casing, W.O.C., Completing, Loss Circulation, etc. Under REMARKS, Describe fully all shows Oil, Gas and Water, cause of Shut Down, Fishing Jobs, Casing Jobs, Steel line correction and all pertinent information not show elsewhere on report.

FORM 16-38-865 PRINTED IN U.S.A.

SKELLY OIL COMPANY
DRILLERS REPORT

LEASE NAME SKELLY GETTY AMOCO FT. MCPHERSON WELL NO. C-78 DATE 4 JUNE 1972

CONTRACTOR SET DRILLING (WESTERN) CO. LTD. KIND OF TOOLS ROTARY

ON TOUR: 8:00 A M. TO 9:00 P M DRILLER:

FORMATION	FROM	TO	REMARKS
			MAINTAIN RIG. WATER LEVEL DOWN 20" FROM PEAK

* RIG TIME DATA	HOURS

DAY WORK THIS TOUR: _____ HRS WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ HRS. STANDBY

ON TOUR M TO M DRILLER:

FORMATION	FROM	TO	REMARKS

* RIG TIME DATA	HOURS

DAY WORK THIS TOUR: _____ HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ HRS. STANDBY

ON TOUR M TO M DRILLER:

FORMATION	FROM	TO	REMARKS

* RIG TIME DATA	HOURS

DAY WORK THIS TOUR: _____ HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ HRS. STANDBY

CASING RECORD

SIZE	WT.	THDS.	JTS.	WHERE SET	AMOUNT RUN L.T.M. PULLED L.T.M.	TYPE	COND.	SK. CEMENT

MUD TESTS

TOUR	MORN	DAY	EVE
WT.			
VIS.			
W.L.			
PH.			
F.C.			

SLOPE TESTS

DEPTH	DEGREE OFF

BIT DATA

NO			
DEPTH IN			
SIZE			
MFG.			
TYPE			
SER. NO.			

DEPTH PREVIOUS REPORT 7181 FT. DEPTH THIS REPORT 7181 FT. GAS USED _____ HRS. WATER USED _____ BBLS HRS

TOTAL DAY WORK THIS 24 HRS; _____ HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ HRS. STANDBY

SIGNED _____ FOREMAN CHECKED _____ SUPERINTENDENT

* Show total hours each tour for Drilling, Coring, DST, Logging, Shut Down, Running Casing, WOC, Completing, Loss Circulation, etc. Under REMARKS, Describe fully all shows Oil, Gas and Water, cause of Shut Down, Fishing Jobs, Casing Jobs, Steel line correction and all pertinent information not show elsewhere on report.

FORM 16-38-865 PRINTED IN U.S.A.

SKELLY OIL COMPANY
DRILLERS REPORT

LEASE NAME Well, Getty Ander Et Morphid Unit WELL NO. C-16 DATE June 31 1972

CONTRACTOR Set Drilling (Western) Co. LTD. KIND OF TOOLS Rotary

ON TOUR: 12:00 PM. TO 8:00 A.M DRILLER: W. H Lovitt

FORMATION	FROM	TO	REMARKS
			12:00 - 8:00 Clean up around Derrick & put away pipes. Move pallets to high ground. Water dropped 8"

* RIG TIME DATA	HOURS

DAY WORK THIS TOUR: ____ HRS WITH DRILL PIPE ____ HRS. WITHOUT DRILL PIPE ____ HRS. STANDBY

ON TOUR 8:00 A M TO 4:00 PM DRILLER:

FORMATION	FROM	TO	REMARKS
			Sent Cook, Camp Attendant, Lease Hand & 5 man rig crew to Edm via P.W.A. Kept one 5 man crew & Tool Push. Water dropped 10"

* RIG TIME DATA	HOURS

DAY WORK THIS TOUR: ____ HRS. WITH DRILL PIPE ____ HRS. WITHOUT DRILL PIPE ____ HRS. STANDBY

ON TOUR 8:00 PM TO 12:00 PM DRILLER:

FORMATION	FROM	TO	REMARKS
			Water dropped 16"

*RIG TIME DATA	HOURS

DAY WORK THIS TOUR: ____ HRS. WITH DRILL PIPE ____ HRS. WITHOUT DRILL PIPE ____ HRS. STANDBY

CASING RECORD

SIZE	WT.	THDS.	JTS.	WHERE SET	AMOUNT RUN L.T.M. PULLED L.T.M.	TYPE	COND.	SK. CEMENT
13 3/8	48	8R	10	302 on K.B.	302.34'	Sil W-55 ST&C	Hi-Ex	1700
9 5/8	36	8R	39	1204 on K.B.	1204.14	Mann x-s ST&C	New	1711

MUD TESTS

TOUR	MORN	DAY	EVE
WT.			
VIS.			
W.L.			
PH.			
F.C.			

SLOPE TESTS

DEPTH	DEGREE OFF

BIT DATA

NO			
DEPTH IN			
SIZE			
MFG.			
TYPE			
SER. NO.			

DEPTH PREVIOUS REPORT 7181 FT. DEPTH THIS REPORT 7181 FT. GAS USED ____ HRS. WATER USED ____ BBLS HRS

TOTAL DAY WORX THIS 24 HRS; ____ HRS. WITH DRILL PIPE ____ HRS. WITHOUT DRILL PIPE ____ HRS. STANDBY

SIGNED R. A. Milk FOREMAN CHECKED ____ SUPERINTENDENT

* Show total hours each tour for Drilling, Coring, DST, Logging, Shut Down, Running Casing, WOC, Completing, Loss Circulation, etc. Under REMARKS; Describe fully all shows Oil, Gas and Water, cause of Shut Down, Fishing Jobs, Casing Jobs, Steel line correction and all pertinent information not show elsewhere on report.

PRINTED IN U.S.A.

FORM 16-38-865

SKELLY OIL COMPANY
DRILLERS REPORT

LEASE NAME SKELLY/GETTY BIARD FT. MCMURRAY WELL NO. C-76 DATE JUNE 2/1972

CONTRACTOR SET DRILLING (WESTERN) CO LTD KIND OF TOOLS ROTARY

ON TOUR: 12:00 P. M. TO 8:00 A.M DRILLER: W. H. Smith

FORMATION	FROM	TO	REMARKS
	7179	7181	12:00 - 12:05 - SER RIG & BOPS
			12:05 - 12:30 - DRLG
			12:30 - 4:00 COND ON ORDERS
* RIG TIME DATA		HOURS	4:00 - 8:00 LAY DOWN PIPE

WATER RUSE AGAIN AND FLOODED RIG SUMP. ABOUT 25" IN BUILDINGS

W.OB 40
RPM 50
SPM 63
PSI 1600
GEL 6 SK.
CMHEX ½ SK.

DAY WORK THIS TOUR: ____ HRS WITH DRILL PIPE ____ HRS. WITHOUT DRILL PIPE ____ HRS. STANDBY

ON TOUR 8:00 AM TO 4:00 P M DRILLER: R. VanTuyl

FORMATION	FROM	TO	REMARKS
			8:00 - 1:00 - LAY DOWN PIPE, COLLARS & KELLY
			1:00 - 4:00 - R. OUT TO LAY DOWN DERRICK
* RIG TIME DATA		HOURS	SENT OUT GEOLOGIST, 2 BAROID HANDS & JOHNSTON TESTER BY P.W.A.

DAY WORK THIS TOUR: ____ HRS. WITH DRILL PIPE ____ HRS. WITHOUT DRILL PIPE ____ HRS. STANDBY

ON TOUR ____ M TO ____ M DRILLER:

FORMATION	FROM	TO	REMARKS
			4:00 - 4:00 - R. OUT TO LAY DOWN & LAY DOWN DERRICK
			DERRICK DOWN AT 07:30 PM. RIG ON
*RIG TIME DATA		HOURS	STAND BY W/O CREWS

DAY WORK THIS TOUR: ____ HRS. WITH DRILL PIPE ____ HRS. WITHOUT DRILL PIPE ____ HRS. STANDBY

CASING RECORD

SIZE	WT.	THDS.	JTS.	WHERE SET	AMOUNT RUN L.T.M. PULLED L.T.M.	TYPE	COND.	SK. CEMENT
13 3/4	48#	8R	10	322.00 K.B.	304.33	SEL K-55 ST. & C	NEW	1200
9 5/8	36#	8R	29	1201.00 K.B.	1204.14	MANN K-55 ST. & C	NEW	476

MUD TESTS			
TOUR	MORN	DAY	EVE
WT.			
VIS.			
W.L.			
PH.			
F.C.			

SLOPE TESTS	
DEPTH	DEGREE OFF

BIT DATA			
NO	17		
DEPTH IN	7161		
SIZE	8 3/4		
MFG.	SEC		
TYPE	M-88		
SER. NO.	340450 R.		

DEPTH PREVIOUS REPORT 7179 FT. DEPTH THIS REPORT 7181 FT. GAS USED ____ HRS. WATER USED ____ BBLS HRS

TOTAL DAY WORK THIS 24 HRS: ____ HRS. WITH DRILL PIPE ____ HRS. WITHOUT DRILL PIPE ____ HRS. STANDBY

SIGNED R. A. Mills FOREMAN CHECKED ____ SUPERINTENDENT

* Show total hours each tour for Drilling, Coring, DST, Logging, Shut Down, Running Casing, WOC, Completing, Loss Circulation, etc. Under REMARKS, Describe fully all shows Oil, Gas and Water, cause of Shut Down, Fishing Jobs, Casing Jobs, Steel line correction and all pertinent information not show elsewhere on report.

PRINTED IN U.S.A.

FORM 15-38-865

SKELLY OIL COMPANY
DRILLERS REPORT

LEASE NAME SKELLY GETTY BOUNDARY FT. MCMURRAY WELL NO. C-28 DATE JUNE 1/1972

CONTRACTOR SIF DRILLING (WESTERN) CANADA LTD. KIND OF TOOLS ROTARY

ON TOUR: 12:00 P.M. TO 6:00 P.M. DRILLER: W. A. Hall

FORMATION	FROM	TO	REMARKS
	7054	7126	12:00 - 2:30 - DRLG. W.O.B. 45M.
			2:30 - 2:45 - SER. R.G. & BOP'S R.P.M. 45
			2:45 - 6:30 - DRLG. P.S.I. 1600
* RIG TIME DATA	HOURS		1:30 - 2:45 - W.L. SURVEY SPM. 62
			2:45 - 6:00 - DRLG.
RIVER FILLED WITH ICE AT 1:00 PM. MASS OF ICE FROM UPSTREAM JAMMED AGAINST ICE IN DELTA. RIVER ROSE CELLEY 1 3/8.			
WHICH WATER CAN ALLSKIP AT 08:00 AM GEL 12 SK.			

DAY WORK THIS TOUR: ____ HRS WITH DRILL PIPE ____ HRS. WITHOUT DRILL PIPE ____ HRS. STANDBY

ON TOUR 8:00 A M TO 4:00 P M DRILLER: R. Armstrong

FORMATION	FROM	TO	REMARKS
	7126	7151	8:00 - 10:05 - DRLG. 8 3/4 HOLE WOB - 45-40M
			10:00 - 10:15 - RIG SERV. V BOP'S & KELLY COCK RPM - 45-50
			10:15 - 12:30 - DRLG. 8 3/4 HOLE SPM - 63
* RIG TIME DATA	HOURS		12:30 - 3:30 - SURVEY - HORT BIT #16 PSI - 1600
			3:30 - 4:00 - MOVING CAMP TO HIGHER GROUND
			COULD ONLY MOVE STORE ROOM, LIGHT
			PLANT & 2 SLEEPERS BECAUSE PAD TOO
			SOFT
			BIT #16 - 827' IN 96 HRS COND. T-4, B-3, G-I

DAY WORK THIS TOUR: ____ HRS. WITH DRILL PIPE ____ HRS. WITHOUT DRILL PIPE ____ HRS. STANDBY

ON TOUR 4:00 P M TO 12:00 P M DRILLER:

FORMATION	FROM	TO	REMARKS
	7151	7179	4:00 - 6:15 - MOVING CAMP & EVACUATE SAME
			6:15 - 8:45 - RUN IN W/BIT #17
			8:45 - 9:30 - BREAK CIRC. - CLEAN 30' TO BTM
* RIG TIME DATA	HOURS		9:30 - 12:00 - DRLG. 8 3/4 HOLE
			WATER ROSE UNTILL A FEW
			INCHES INTO BUILDINGS THEN
			RECEDED A FOOT
			SENT D.J. HALL OUT ON P.M.A. EVENING
			FLIGHT

DAY WORK THIS TOUR: ____ HRS. WITH DRILL PIPE ____ HRS. WITHOUT DRILL PIPE ____ HRS. STANDBY

CASING RECORD

SIZE	WT.	THDS.	JTS.	WHERE SET	AMOUNT RUN L.T.M. PULLED L.T.M.	TYPE	COND.	SK. CEMENT
13 3/8	48#	8R	10	702 K.B.	304.35	SER K-55 ST & C	NEW	1300
9 5/8	36#	8R	39	1701 K.B.	1201.14	~~SER~~ K.		
						MINN K-55 ST & C	NEW	876

MUD TESTS				SLOPE TESTS		BIT DATA			
TOUR	MORN	DAY	EVE	DEPTH	DEGREE OFF	NO	16	17	
WT.	9.9	9.9	9.9	7104	2 3/4°	DEPTH IN	6234	7161	
VIS.	35	44	40	7161	2 1/2°	SIZE	8 3/4	8 3/4	
W.L.	5.0	5.6	6.4			MFG.	H.W	SEC	
PH.	9.5	9.5	9.5			TYPE	J-44	M 98	
F.C.	2/32	2/32	2/32			SER. NO.	DF 218	340450 R	

DEPTH PREVIOUS REPORT 7054 FT. DEPTH THIS REPORT 7179 FT. GAS USED ____ HRS. WATER USED ____ BBLS HRS

TOTAL DAY WORK THIS 24 HRS: 24 HRS. WITH DRILL PIPE ____ HRS. WITHOUT DRILL PIPE ____ HRS. STANDBY

SIGNED ____ FOREMAN CHECKED ____ SUPERINTENDENT

* Show total hours each tour for Drilling, Coring, DST, Logging, Shut Down, Running Casing, W.O.C, Completing, Loss Circulation, etc. Under REMARKS, Describe fully, all shows Oil, Gas and Water, cause of Shut Down, Fishing Jobs, Casing Jobs, Steel line correction and all pertinent information not show elsewhere on report.

FORM 16-38-855

PRINTED IN U.S.A.

RECEIVED
JUN 5 1972
Skelly Oil Co. of Canada Ltd.

CONFIDENTIAL SKELLY OIL COMPANY
DRILLERS REPORT

LEASE NAME Skelly City Rocky Ft. McPherson WELL NO. C-14 DATE May 30/1972

CONTRACTOR S&F Drilling (Western) Co. Ltd. KIND OF TOOLS Rotary

ON TOUR: 12:00 P.M. TO 8:00 P.M. DRILLER: C. W. Root

FORMATION	FROM	TO	REMARKS
	6637	6702	12:00 - 1:30 - Drlg W.O.B. 45
			1:30 - 1:45 - Sft Dlg & Pops R.P.M. 45
			1:45 - 5:00 - Drlg S.P.M. 63
* RIG TIME DATA	HOURS		5:00 - 5:45 - W.L. Survey P.S.I. 1600
			5:45 - 8:00 - Drlg
			Hi Vis Gelex 1½ SK
			Gel 15 SK.

DAY WORK THIS TOUR: _____ HRS WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ HRS. STANDBY

ON TOUR 8:00 A.M. TO 4:00 P.M. DRILLER: B. Hamilton

FORMATION	FROM	TO	REMARKS
	6702	6775	8:00 - 8:30 - Drlg 8 3/4 Hole W.O.B. - 45 M
			8:30 - 8:45 - Rig Serv. - J Bops & Kelly Cock R.P.M. - 45
			8:45 - 4:00 - Drlg 8 3/4 Hole S.P.M. - 63
* RIG TIME DATA	HOURS		P.S.I. - 1600
			Mixed - Gel - 15 Sax
			Caustic - 2 Sax
			H.V.s CMC - 1½ Sax
			Held Blow-Out Drill.

DAY WORK THIS TOUR: _____ HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ HRS. STANDBY

ON TOUR 4:00 P.M. TO 12:00 P.M. DRILLER:

FORMATION	FROM	TO	REMARKS
	6775	6852	4:00 - 6:45 - Drlg 8 3/4 Hole W.O.B. 45M.
			6:45 - 7:00 - Rig Service R.P.M. 45
			7:00 - 12:00 - Drlg 8 3/4 Hole S.P.M. 63
* RIG TIME DATA	HOURS		P.S.I. 1600

DAY WORK THIS TOUR: _____ HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ HRS. STANDBY

CASING RECORD

SIZE	WT.	THDS.	JTS.	WHERE SET	AMOUNT RUN L.T.M. PULLED L.T.M.	TYPE	COND.	SK. CEMENT
13⅜	48	8R	10	322 K.B	304.35'	Sil K-55 ST.&C	New	1300
9⅝	36	8R	39	1201 K.B	1204.41	Main K-55 ST.&C	New	675

MUD TESTS				SLOPE TESTS		BIT DATA			
TOUR	MORN	DAY	EVE	DEPTH	DEGREE OFF	NO	16		
WT.	8.4	8.9	8.9	6664	¾°	DEPTH IN	6334		
VIS.	46	54	45			SIZE	8¾		
W.L.	5.6	5.2	7.0			MFG.	N.W		
PH.	9.0	9.0	9.5			TYPE	J-H		
F.C.	3/32	2/32	3/32			SER. NO.	DP 214		

DEPTH PREVIOUS REPORT 6637 FT. DEPTH THIS REPORT 6852 FT. GAS USED _____ HRS. WATER USED _____ BBLS HRS

TOTAL DAY WORK THIS 24 HRS: 24 HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ HRS. STANDBY

SIGNED _____ FOREMAN CHECKED _____ SUPERINTENDENT

* Show total hours each tour for Drilling, Coring, DST, Logging, Shut Down, Running Casing, W.O.C., Completing, Loss Circulation, etc. Under REMARKS, Describe fully all shows Oil, Gas and Water, cause of Shut Down, Fishing Jobs, Casing Jobs, Steel line correction and all pertinent information not shown elsewhere on report.

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FORM 16-38-865

SKELLY OIL COMPANY
CONFIDENTIAL DRILLERS REPORT

RECEIVED JUN 5 1972 State Oil of Permits Div.

29

LEASE NAME Skelly/Getty Arnold Et McPherson WELL NO. C-16 DATE May 29/1972

CONTRACTOR SET Drilling (Western) Co. Ltd. KIND OF TOOLS Rotary

ON TOUR: 12:00 P.M. TO 6:00 A.M. DRILLER: W. H. Knight

FORMATION	FROM	TO	REMARKS
	6462	6507	12:00 - 5:00 - Drlg. W.O.B. 40
			5:00 - 5:15 - Service - Chg. RPM 45
			5:15 - 5:45 - W.L. Survey P.S.I. 1600
* RIG TIME DATA	HOURS		5:45 - 6:00 - Drlg. SPM. 63
			Cellex 1½ Sx.
			Gel 15 Sx.

DAY WORK THIS TOUR: _____ HRS WITH DRILL PIPE _____ HRS WITHOUT DRILL PIPE _____ HRS. STANDBY

ON TOUR 6:00 A M TO 4:00 P M DRILLER: R. Armstrong

FORMATION	FROM	TO	REMARKS
	6507	6571	6:00 - 9:45 - Drlg. 7⅞" Hole W.O.B. - 40-45M
			9:45 - 10:00 - Rig Service - Chg. BOP's & Kelly Cock RPM - 45
			10:00 - 4:00 - Drlg. 7⅞" Hole SPM - 63
* RIG TIME DATA	HOURS		PSI - 1600
			Mixed - Gel - 15 Sax
			Caustic - 1 Sack Checked Pump @ Idle Speed
			H.V.G.C.M.C. - 1½ Sax SPM - 35 PSI - 650
			C-Pan - 1 Sack
			Checked Rig Saver & All Fire Extng.(8) - OK

DAY WORK THIS TOUR: _____ HRS. WITH DRILL PIPE _____ HRS WITHOUT DRILL PIPE _____ HRS. STANDBY

ON TOUR 4:00 P M TO 12:00 P M DRILLER:

FORMATION	FROM	TO	REMARKS
	6571	6637	4:00 - 5:30 - Drlg. 7⅞" Hole W.O.B. 45
			5:30 - 6:00 - W.L. Survey RPM. 45
			6:00 - 6:15 - Rig Service S.P.M. 63
* RIG TIME DATA	HOURS		6:15 - 12:00 - Drlg. 7⅞" Hole P.S.I. 1600

DAY WORK THIS TOUR: _____ HRS. WITH DRILL PIPE _____ HRS WITHOUT DRILL PIPE _____ HRS. STANDBY

CASING RECORD

SIZE	WT.	THDS.	JTS.	WHERE SET	AMOUNT RUN L.T.M. PULLED L.T.M.	TYPE	COND.	SK. CEMENT
13⅜	48#	8R	10	322 K.B.	304.35'	Sel K-55 ST.&C	New	1300
9⅝	36#	8R.	39	1201 K.B.	1204.01	Minn K-55 ST.&C	New	676

MUD TESTS				SLOPE TESTS		BIT DATA			
TOUR	MORN	DAY	EVE	DEPTH	DEGREE OFF	NO	16		
WT.	9.0+	8.9	8.9	6482	¾°	DEPTH IN	6334		
VIS.	50	49	44	6575	¾°	SIZE	7⅞		
W.L.	6.4	5.8	6.0			MFG.	H.W.		
PH.	9.0	9.0	3/32			TYPE	J-44		
F.C.	3/32	2/32	9.0			SER. NO.	DP 319		

DEPTH PREVIOUS REPORT 6462 FT. DEPTH THIS REPORT 6637 FT. GAS USED _____ HRS. WATER USED _____ BBLS HRS

TOTAL DAY WORK THIS 24 HRS; 24 HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ HRS. STANDBY

SIGNED R. A. Mills FOREMAN CHECKED _____ SUPERINTENDENT

* Show total hours each tour for Drilling, Coring, DST, Logging, Shut Down, Running Casing, WOC, Completing, Loss Circulation, etc.
Under REMARKS; Describe fully all shows Oil, Gas and Water, cause of Shut Down, Fishing Jobs, Casing Jobs, Steel line correction and all pertinent information not show elsewhere on report.

PRINTED IN U.S.A.

FORM 16-38-865

CONFIDENTIAL

SKELLY OIL COMPANY
DRILLERS REPORT

RECEIVED
JUN 5 1972
SKELLY OIL Co. of Canada Ltd.

LEASE NAME Skelly Getty Ambrose Ft Macpherson WELL NO. C-78 DATE July 29 1972

CONTRACTOR S&T Drilling (Western) Co Ltd KIND OF TOOLS Rotary

ON TOUR: 12:00 P.M. TO 8:00 P.M. DRILLER: W. H. Smith

FORMATION	FROM	TO	REMARKS
	6334	6366	12:00 - 2:00 - Finish in w/ Bit — W.O.B - 30
			2:00 - 3:00 - Clean up Fill — RPM - 60
			3:00 - 3:15 - Ser Rig & BOPS — PSI 1600
* RIG TIME DATA	HOURS		3:15 - 8:00 Drlg — SPM 63
			Gel — Gel 25 sx
			Cal — Cellex 2 sx

DAY WORK THIS TOUR: _____ HRS WITH DRILL PIPE _____ HRS WITHOUT DRILL PIPE _____ HRS. STANDBY

ON TOUR 8:00 A M TO 4:00 P M DRILLER: R. Armstrong

FORMATION	FROM	TO	REMARKS
	6366	6416	8:00 - 8:30 - W.L. Survey — W.O.B - 35 M
			8:30 - 8:45 - Rig Serv. - BOPs & Kelly Cock — RPM - 50
			8:45 - 4:00 - Drlg 8 3/4 Hole — SPM - 63
* RIG TIME DATA	HOURS		PSI - 1600
			Mixed - Gel - 20 Sax
			Hi Vis CMC - 25 Sax
			Checked Escape Buggy & Breathing Apparatus - OK

DAY WORK THIS TOUR: _____ HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ HRS. STANDBY

ON TOUR 4:00 P M TO 12:00 P M DRILLER:

FORMATION	FROM	TO	REMARKS
	6416	6462	4:00 - 6:00 - Drlg 8 3/4 Hole — W.O.B 35 M 40 M.
			6:00 - 6:30 - W.L. Survey — RPM 50 45
			6:30 - 6:45 - Rig Serv — SPM. 63
* RIG TIME DATA	HOURS		6:45 - 12:00 - Drlg 8 3/4 Hole — PSI 1600

DAY WORK THIS TOUR: _____ HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ HRS. STANDBY

CASING RECORD

SIZE	WT.	THDS.	JTS.	WHERE SET	AMOUNT RUN L.T.M. PULLED L.T.M.	TYPE	COND.	SK. CEMENT
13 3/8	48#	8R	10	372 K.B.	304.35'	Sil K-55 STXP	NEW	1300
9 5/8	36#	8R	32	1201 K.B.	1204.01	Lynch K-55 STXP	NEW	676

MUD TESTS

TOUR	MORN	DAY	EVE
WT.	9.2	9.1	9.1
VIS.	51	44	42
W.L.	5.6	5.2	6.2
PH.	7 1/2	7 1/2	7 1/2
F.C.	7.5	9.0	9.0

SLOPE TESTS

DEPTH	DEGREE OFF
6356	1°
6419	1 1/8°

BIT DATA

NO	16		
DEPTH IN	6334		
SIZE	8 3/4		
MFG.	H.W.		
TYPE	J-44		
SER. NO.	DP 319		

DEPTH PREVIOUS REPORT 6334 FT. DEPTH THIS REPORT 6462 FT. GAS USED _____ HRS. WATER USED _____ BBLS HRS

TOTAL DAY WORK THIS 24 HRS; 24 HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ HRS. STANDBY

SIGNED R. A. Wilde FOREMAN CHECKED _____ SUPERINTENDENT

* Show total hours each tour for Drilling, Coring, DST, Logging, Shut Down, Running Casing, W.O.C., Completing, Loss Circulation, etc.
Under REMARKS: Describe fully all shows Oil, Gas and Water, cause of Shut Down, Fishing Jobs, Casing Jobs, Steel line correction and all pertinent information not show elsewhere on report.

PRINTED IN U.S.A.

FORM 16-38-865

CONFIDENTIAL

SKELLY OIL COMPANY
DRILLERS REPORT

RECEIVED
JUN 5 1972
Skelly Oil of Canada Ltd.

LEASE NAME Skelly Getty Arnold et al McPherson WELL NO. C-76 DATE May 29/1972

CONTRACTOR S & T Drilling (1968) Co Ltd. KIND OF TOOLS Rotary

ON TOUR: 12:00 A.M. TO 8:00 P.M. DRILLER: W. H. Knight

FORMATION	FROM	TO	REMARKS
	6220	6272	9:00 - 12:30 Finish Shearing F.H. W.O.B. 23M
			12:30 - 3:00 Drlg R.P.M. 70/75
			3:00 - 3:30 W.L. Survey PSI 1650
* RIG TIME DATA		HOURS	3:30 - 3:45 Ser Rig & BOPs SPM 64
			3:45 - 8:00 Drlg
			Cellex 1 Sx
			Sepiolosh 4 Sx
			Gel 11 Sx

DAY WORK THIS TOUR: _____ HRS WITH DRILL PIPE _____ HRS WITHOUT DRILL PIPE _____ HRS. STANDBY

ON TOUR 8:00 A M TO 4:00 P M DRILLER: B. Armstrong

FORMATION	FROM	TO	REMARKS
	6272	6314	8:00 - 8:30 - W.L. Survey W.O.B. - 30 M
			8:30 - 8:45 - Rig Serv. - √ BOPs & Kelly Cock R.P.M. - 50
			8:45 - 1:00 - Drlg 8 3/4 Hole SPM - 63
* RIG TIME DATA		HOURS	1:00 - 1:30 - W.L. Survey PSI - 1600
			1:30 - 4:00 - Drlg 8 3/4 Hole
			Mixed - Gel - 20 Sax
			Caustic - 1 Sack
			H. Vis (Cellex - 2 Sax

DAY WORK THIS TOUR: _____ HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ HRS. STANDBY

ON TOUR 4:00 P M TO 12:00 P M DRILLER:

FORMATION	FROM	TO	REMARKS
	6314	6334	4:00 - 7:00 - Drlg 8 3/4 Hole W.O.B. - 30M
			7:00 - 10:30 - Survey - Hoist Bit #15 R.P.M. 50
			10:30 - 10:45 - Ser Rig & BOPs SPM 60
* RIG TIME DATA		HOURS	10:45 - 11:15 - Change Bits PSI. 1600
			11:15 - 12:00 - Run in w/ Bit
			#15 - T - 8-1-1

DAY WORK THIS TOUR: _____ HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ HRS. STANDBY

CASING RECORD

SIZE	WT.	THDS.	JTS.	WHERE SET	AMOUNT RUN L.T.M. PULLED L.T.M.	TYPE	COND.	SK. CEMENT
13 3/8	48#	8R	10	322 K.B.	304.35'	S & T K-55 ST x C	NEW	1300
4 1/2	9.5#	8R	39	1201 K.B.	1194.01	Mann K-55 ST x C	NEW	676

MUD TESTS				SLOPE TESTS		BIT DATA			
TOUR	MORN	DAY	EVE	DEPTH	DEGREE OFF	NO	15	16	
WT.	9.1	9.2	9.2	6230	1 3/4°	DEPTH IN	6220	6334	
VIS.	42	48	47	6262	1 1/2°	SIZE	8 3/4	8 3/4	
W.L.	6.2	5.2	5.6	6293	1 1/4°	MFG.	Hughes	Hughes	
PH.	9.5	9.5	9.5	6334	1 1/4°	TYPE	XDV	J 44	
F.C.	2/32	2/32	3/32			SER. NO.	36396	DP 319	

DEPTH PREVIOUS REPORT 6220 FT. DEPTH THIS REPORT 6334 FT. GAS USED _____ HRS. WATER USED _____ BBLS HRS

TOTAL DAY WORK THIS 24 HRS; _____ HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ HRS. STANDBY

SIGNED R. A. Mills FOREMAN CHECKED J. D. Rupert SUPERINTENDENT

* Show total hours each tour for Drilling, Coring, DST, Logging, Shut Down, Running Casing, WOC, Completing, Loss Circulation, etc. Under REMARKS, Describe fully all shows Oil, Gas and Water, cause of Shut Down, Fishing Jobs, Casing Jobs, Steel line correction and all pertinent information not show elsewhere on report.

PRINTED IN U.S.A.

FORM 16-38-865

RECEIVED
JUN 5 1972
Skelly Oil of Canada Ltd.

SKELLY OIL COMPANY
DRILLERS REPORT

CONFIDENTIAL

LEASE NAME Skelly Getty Amoco Ft McPherson WELL NO. C-78 DATE May 26/1972

CONTRACTOR Sift Drilling (Western) Co Ltd. KIND OF TOOLS Rotary

ON TOUR: 12:00 P.M. TO 8:00 A.M. DRILLER: W.H. Sweet

FORMATION	FROM	TO	REMARKS
	6110	6166	12:00 - 12:15 - Ser Rig & BOP's
			12:15 - 4:00 - Drlg
			4:00 - 4:45 W.L. Survey
* RIG TIME DATA		HOURS	4:45 - 8:00 Drlg
			Gel 11 sx.
			Cmc. 1 sx
			Soda Ash 5sx.

DAY WORK THIS TOUR: _____ HRS WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ HRS. STANDBY

ON TOUR 8:00 A M TO 4:00 P M DRILLER: B. Armstrong

FORMATION	FROM	TO	REMARKS
	6166	6220	8:00 - 8:45 - Drlg 5 3/4 Hole
			8:45 - 9:15 - W.L. Survey
			9:15 - 9:30 - Rig Serv - V BOP's & Kelly Cock
* RIG TIME DATA		HOURS	9:30 - 4:00 - Drlg 5 3/4 Hole
			WOB - 40M
			RPM - 40
			Mixed - Gel - 10 Sax SPM - 60
			H.U.'s CMC - 1 Sack PSI - 1650
			Bit #14 - T-6, B-8, G-I

DAY WORK THIS TOUR: _____ HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ HRS. STANDBY

ON TOUR 4:00 P M TO 12:00 P M DRILLER:

FORMATION	FROM	TO	REMARKS
	6220		4:00 - 7:00 - Survey - Hoist Bit #14
			7:00 - 8:00 - Change Cameron On Standpipe
			8:00 - 8:45 - Ser Rig & BOP's
* RIG TIME DATA		HOURS	8:45 - 9:15 - Move Rmr & Lee Jars up Stairs
			& Pick up Stab.
			9:15 - 9:45 - Run in DC's
			9:45 - 10:00 - Slip Line
			10:00 - 11:30 - Run in w/ Bit
			11:30 - 12:00 - Clean Mud 25" Fl's.

DAY WORK THIS TOUR: _____ HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ HRS. STANDBY

CASING RECORD

SIZE	WT.	THDS.	JTS.	WHERE SET	AMOUNT RUN L.T.M. PULLED L.T.M.	TYPE	COND.	SK. CEMENT
13 3/4	48#	8R	10	322 K.B	304.35'	S.L. H-55 Steel	New	1300
9 5/8	36#	8R	30	1301 K.B.	1204.00	Mannesmann K-55 St. & C	New	676

MUD TESTS

TOUR	MORN	DAY	EVE
WT.	9.1+	9.1	
VIS.	47	40	
W.L.	5.8	4.8	
PH.	9.5	9.0	
F.C.	2/32	2/32	

SLOPE TESTS

DEPTH	DEGREE OFF
6132	1 3/4°
6163	1 5/8°
6220	1 3/8°

BIT DATA

NO	14	15
DEPTH IN	5929	6220
SIZE	9 7/8	8 3/4
MFG.	SEC	H.W
TYPE	DSS	XDV
SER. NO.	264929	36398

DEPTH PREVIOUS REPORT 6110 FT. DEPTH THIS REPORT 6220 FT. GAS USED _____ HRS. WATER USED _____ BBLS HRS

TOTAL DAY WORK THIS 24 HRS: 24 HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ HRS. STANDBY

SIGNED P A Wilde FOREMAN CHECKED _____ SUPERINTENDENT

* Show total hours each tour for Drilling, Coring, DST, Logging, Shut Down, Running Casing, WOC, Completing, Lose Circulation, etc.
Under REMARKS, Describe fully all shows Oil, Gas and Water, cause of Shut Down, Fishing Jobs, Casing Jobs, Steel line correction and all pertinent information not show elsewhere on report.

PRINTED IN U.S.A.

FORM 16-38-863

SKELLY OIL COMPANY
DRILLERS REPORT

CONFIDENTIAL

RECEIVED
JUN 5 1972
Skelly Oil of Canada Ltd.

LEASE NAME Skelly Getty Wabamun Pt. McPherson WELL NO. C-7X DATE May 25/72

CONTRACTOR Sig Drilling (Western) Co. Ltd. KIND OF TOOLS Rotary

ON TOUR: 12:00 P.M. TO 8:00 P.M. DRILLER: W. H. Smith

FORMATION	FROM	TO	REMARKS
	5959	5993	M:00-12:30 - Ser Rig & BOP's
			12:30-12:45 - Pick up new Jars
			12:45-2:45 - Run in w/ Bit
* RIG TIME DATA		HOURS	2:45-3:45 - Clean To Btm 15' Fill
			3:45-8:00 Drlg
			Gel 10sx
			Cypan 2sx

WOB 40
RPM 40
SPM 60
PSI 1650

DAY WORK THIS TOUR: _____ HRS WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ HRS. STANDBY

ON TOUR 8:00 A M TO 4:00 P M DRILLER: G. Armstrong

FORMATION	FROM	TO	REMARKS
	5993	6054	8:00-10:30 - Drlg 8 3/4 Hole
			10:30-11:00 - W.L. Survey
			11:00-11:15 - Rig Service - ✓ BOP's & Kelly Cock
* RIG TIME DATA		HOURS	11:15-4:00 - Drlg 8 3/4 Hole
			Mixed - Cellex - 2 Sax
			Soda Ash 1 Sack
			Gel - 10 Sax

W.O.B - 40M
RPM - 40
SPM - 60
PSI - 1650

DAY WORK THIS TOUR: _____ HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ HRS. STANDBY

ON TOUR 4:00 P M TO 12:00 P M DRILLER:

FORMATION	FROM	TO	REMARKS
	6054	6110	4:00-7:15 - Drlg 8 3/4 Hole
			7:15-7:45 - W.L. Survey
			7:45-8:00 - Rig Service
* RIG TIME DATA		HOURS	8:00-12:00 - Drlg 8 3/4 Hole

DAY WORK THIS TOUR: _____ HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ HRS. STANDBY

CASING RECORD

SIZE	WT.	THDS.	JTS.	WHERE SET	AMOUNT RUN L.T.M. PULLED L.T.M.	TYPE	COND.	SK. CEMENT
13 3/8	48#	8R	10	322 K.B.	304.35'	S&L K-55 ST x C	NEW	1300
9 5/8	36#	8R	39	1201 K.B.	1204.01	Mayn K-55 ST x C	NEW	676

MUD TESTS

TOUR	MORN	DAY	EVE
WT.	9.0	9.1	9.1
VIS.	43	41	42
W.L.	5.0	5.0	6.0
PH.	9.5	9.5	9.5
F.C.	3/32	2/32	2/32

SLOPE TESTS

DEPTH	DEGREE OFF
6005	3/4
6069	3/4

BIT DATA

NO	14		
DEPTH IN	5959		
SIZE	8 3/4		
MFG.	SEC		
TYPE	DSJ		
SER. NO.	264929		

DEPTH PREVIOUS REPORT 5959 FT. DEPTH THIS REPORT 6110 FT. GAS USED _____ HRS. WATER USED _____ BBLS HRS

TOTAL DAY WORK THIS 24 HRS; 24 HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ HRS. STANDBY

SIGNED _____ FOREMAN CHECKED _____ SUPERINTENDENT

* Show total hours each tour for Drilling, Coring, DST, Logging, Shut Down, Running Casing, WOC, Completing, Loss Circulation, etc.
Under REMARKS; Describe fully all shows Oil, Gas and Water, cause of Shut Down, Fishing Jobs, Casing Jobs, Steel line correction and all pertinent information not show elsewhere on report.

PRINTED IN U.S.A.

FORM 16-38-865

CONFIDENTIAL

SKELLY OIL COMPANY
DRILLERS REPORT

RECEIVED
JUN 5 1972
Skelly Oil Co. Midland, Texas

LEASE NAME Skelly-Getty-Amoco ET McPherson WELL NO. 178 DATE May 24/72

CONTRACTOR Sxt Drlg (Western) Co. L.T.D. KIND OF TOOLS Rotary

ON TOUR: 12:00 P.M. TO 8:00 A.M. DRILLER: R. Neely

FORMATION	FROM	TO	REMARKS
	5422	5841	12:00 - 4:15 Drlg 8¾ Hole WOB 40
			4:15 - 4:30 Rig Serv & BCP RPM 40
			4:30 - 5:00 W.L. Survey SPM - 60
* RIG TIME DATA	HOURS		5:00 - 8:00 Drlg 8¾ Hole PSI 1150
			Gel 10 SAX
			Cellex 1 SAX
			Soda Ash 1 SAX

DAY WORK THIS TOUR: _____ HRS WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ HRS. STANDBY

ON TOUR 8:00 A.M. TO 4:00 P.M. DRILLER: Wood Pratt

FORMATION	FROM	TO	REMARKS
	5441	5929	8:00 - 9:15 - Drlg
			9:15 - 9:30 - Ser Rig & Kelly Cock & Boots
			9:30 - 2:00 - Drlg
* RIG TIME DATA	HOURS		2:00 - 2:30 - Wire Survey
			2:30 - 4:00 Drlg
			Soda Ash 4 SK.
			Cmc 2 SK

DAY WORK THIS TOUR: _____ HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ HRS. STANDBY

ON TOUR 4:00 P.M. TO 12:00 P.M. DRILLER: B. Armstrong

FORMATION	FROM	TO	REMARKS
	5929	5959	4:00 - 7:30 - Drlg 8¾ Hole WOB - 40M
			7:30 - 8:00 - W.L. Survey RPM - 40
			8:00 - 8:15 - R.G Service SPM - 60.
* RIG TIME DATA	HOURS		8:15 - 9:15 - Drlg 8¾ Hole PSI - 1650
			9:15 - 12:00 - Hoist For Bit #14
			Bit #13 - T-6, B-7, G-I

DAY WORK THIS TOUR: _____ HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ HRS. STANDBY

CASING RECORD

SIZE	WT.	THDS.	JTS.	WHERE SET	AMOUNT	RUN L.T.M. PULLED L.T.M.	TYPE	COND.	SK. CEMENT
13 3/4	48#	S.R.	10	322 KB	304.35		Sxl. K&E STRC	New	1700
9 5/8	36#	S.R.	74	1201 KB	1204.01		Mach K&E STRC	New	671

MUD TESTS

TOUR	MORN	DAY	EVE
WT.	9.0	9.0	9.1
VIS.	46	49	43
W.L.	5.2	4.6	4.4
PH.	9.0	9.5	9.5
F.C.	2/32	3/32	2/32

SLOPE TESTS

DEPTH	DEGREE OFF
5544	1°
5711	1 1/16°
5942	15/16

BIT DATA

NO	13		
DEPTH IN	5460		
SIZE	8¾		
MFG.	Sec		
TYPE	DSS		
SER. NO.	766494		

DEPTH PREVIOUS REPORT 5872 FT. DEPTH THIS REPORT 5959 FT. GAS USED _____ HRS. WATER USED _____ BBLS HRS

TOTAL DAY WORK THIS 24 HRS; 24 HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ HRS. STANDBY

SIGNED R. A. Mills FOREMAN CHECKED _____ SUPERINTENDENT

* Show total hours each tour for Drilling, Coring, DST, Logging, Shut Down, Running Casing, WOC, Completing, Loss Circulation, etc.
Under REMARKS, Describe fully all shows Oil, Gas and Water, cause of Shut Down, Fishing Jobs, Casing Jobs, Steel line correction and all pertinent information not show elsewhere on report.

PRINTED IN U.S.A.

FORM 16-38-865

SKELLY OIL COMPANY
DRILLERS REPORT

RECEIVED
MAY 26 1972
Skelly Oil Company

LEASE NAME Shell-Getty-America FT McPherson WELL NO. C-78 DATE May 23/72

CONTRACTOR S.T. Drlg (Wiechern) Co. L.T.D. KIND OF TOOLS Rotary

ON TOUR: 12⁰⁰ P.M. TO 4⁰⁰ A.M. DRILLER: R. Hanly.

FORMATION	FROM	TO	REMARKS
	5645	5704	12.00 - 3.15 Drlg 8 3/4 h.le WOB. 40
			3.15 - 3.30 Rig Serv. BOPs. RPM 40
			3.30 - 4.00 W.L. Survey SPM. 60
* RIG TIME DATA	HOURS		4.00 4.00 Drlg 8 3/4 hole PSI 1650
			Gel 10 SAX
			Cellex 1 SAX
			CMC. 1 SAX

DAY WORK THIS TOUR: 8 HRS. WITH DRILL PIPE — HRS. WITHOUT DRILL PIPE — HRS. STANDBY

ON TOUR 8.00 A.M TO 4.00 P.M DRILLER: W. H. Saint

FORMATION	FROM	TO	REMARKS
	5704	5762	8.00 - 11.15 - DRLG. W.OB. 40
			11.15 - 11.45 - W.L SURVEY R.PM 40
			11.45 - 12.00 - SER RIG & BOPS SPM. 60
* RIG TIME DATA	HOURS		12.00 - 4.00 - DRLG PSI. 1650
			Gel - 9 SKS. Cypan 1 SK.
			Cellex 2 SKS.
			Soda ash 5 SKS.
			CMC 1 SK.

DAY WORK THIS TOUR: 8 HRS. WITH DRILL PIPE — HRS. WITHOUT DRILL PIPE — HRS. STANDBY

ON TOUR 4.00 P.M TO 12.00 P.M DRILLER:

FORMATION	FROM	TO	REMARKS
	5762	5822	4.00 - 4.15 - DRLG WOB. 40
			4.15 - 4.30 - SER RIG & BOPS RPM. 40
			4.30 - 8.00 DRLG SPM 60
* RIG TIME DATA	HOURS		8.00 8.30 W.L. SURVEY PSI 1650
			8.30 12.00 Drlg 8 3/4 Hole

DAY WORK THIS TOUR: 8 HRS. WITH DRILL PIPE — HRS. WITHOUT DRILL PIPE — HRS. STANDBY

CASING RECORD

SIZE	WT.	THDS.	JTS.	WHERE SET	AMOUNT RUN L.T.M. PULLED L.T.M.	TYPE	COND.	SK. CEMENT
13 3/8	48#	8R	10	322 KB	304.35	S x L K55 STxC	New	1300
9 5/8	36#	8R.	34	1201 KB.	1204.01	Mann K-55 STxC.	New	670

MUD TESTS

TOUR	MORN	DAY	EVE
WT.	9.0	9.0	9.0
VIS.	46	53	44
W.L.	5.0	4.8	5.4
PH.	9.0	9.5	9.0
F.C.	2/32	2/32	2/32

SLOPE TESTS

DEPTH	DEGREE OFF
5662	1°
5723	1°
5785	1°

BIT DATA

NO	13		
DEPTH IN	5460		
SIZE	8 3/4		
MFG.	Sec		
TYPE	DSS		
SER. NO.	368699		

DEPTH PREVIOUS REPORT 5645 FT. DEPTH THIS REPORT 5822 FT. GAS USED — HRS. WATER USED — BBLS HRS

TOTAL DAY WORK THIS 24 HRS: 24 HRS. WITH DRILL PIPE — HRS. WITHOUT DRILL PIPE — HRS. STANDBY

SIGNED [signature] FOREMAN CHECKED [signature] SUPERINTENDENT

* Show total hours each tour for Drilling, Coring, DST, Logging, Shut Down, Running Casing, W.O.C, Completing, Loss Circulation, etc. Under REMARKS; Describe fully all shows Oil, Gas and Water, cause of Shut Down, Fishing Jobs, Casing Jobs, Steel line correction and all pertinent information not show elsewhere on report.

FORM 16-38-865

PRINTED IN U.S.A.

RECEIVED
MAY 26 1972
Skelly Oil of Canada Ltd.

SKELLY OIL COMPANY
DRILLERS REPORT

LEASE NAME Skelly-Getty-Amoco Ft McPherson WELL NO. C 74 DATE May 22/72

CONTRACTOR Sit Drlg (Western) Co. LTD. KIND OF TOOLS Rotary

ON TOUR: 12.00 P.M. TO 4.00 A.M. DRILLER: R. Henley

FORMATION	FROM	TO	REMARKS
	5467	5519	12.00 - 2.00 Drlg 8¾ hole.
			2.00 - 2.15 Rig Serv & BOPs WOB 30-35
* RIG TIME DATA	HOURS		2.15 - 6.45 Drlg 8¾ Hole RPM - 35-40
			6.45 - 7.15 Wl. Survey SPM - 60
			7.15 - 8.00 Drlg 8¾ hole PSI 1675
			Gel. 20 SAX
			Cellex - 2 SAX
			Soda Ash 1 SAX

DAY WORK THIS TOUR: 8 HRS WITH DRILL PIPE — HRS. WITHOUT DRILL PIPE ____ HRS. STANDBY

ON TOUR 8.00 A.M. TO 4.00 P.M. DRILLER: W. H. Smith

FORMATION	FROM	TO	REMARKS
	5519	5580	8.00 - 10.45 - DRLG WOB 40
			10.45 - 11.00 - SER Rig & Kelly Cock RPM 40
* RIG TIME DATA	HOURS		& BOPs SPM 60
			11.00 - 3.00 - DRLG PSI 1650
			3.00 - 3.45 - W.L. SURVEY
			3.45 - 4.00 - DRLG
			Cellex 2 SX
			Soda Ash 3 SX
			Caustic 1 SX

DAY WORK THIS TOUR: 8 HRS. WITH DRILL PIPE — HRS. WITHOUT DRILL PIPE ____ HRS. STANDBY

ON TOUR 4.00 P.M. TO 12.00 P.M. DRILLER: R. Henley

FORMATION	FROM	TO	REMARKS
	5580	5645	4.00 - 7.15 - DRLG WOB. 40
			7.15 - 7.45 - W.L. SURVEY RPM. 40
* RIG TIME DATA	HOURS		7.45 - 8.00 - SERVIG & BOPs SPM 60
			8.00 - 12.00 DRLG. PSI 1650

DAY WORK THIS TOUR: 8 HRS. WITH DRILL PIPE — HRS. WITHOUT DRILL PIPE ____ HRS. STANDBY

CASING RECORD

SIZE	WT.	THDS.	JTS.	WHERE SET	AMOUNT RUN L.T.M. PULLED L.T.M.	TYPE	COND.	SK. CEMENT
13⅜	48#	8R	10	322 KB	304.35	S&L K55 STxC	New	1300
9⅝	36#	8R	34	1201 KB	1204.14	Mann K55 STxC	New	675

MUD TESTS			
TOUR	MORN	DAY	EVE
WT.	9.1	9.0	9.0
VIS.	48	54	48
W.L.	5.0	5.2	6.0
PH.	9.5	9.5	9.5
F.C.	2/32	3/32	3/32

SLOPE TESTS	
DEPTH	DEGREE OFF
5504	1¾°
5567	1½°
5598	1¼°

BIT DATA			
NO	13		
DEPTH IN	5440		
SIZE	8¾		
MFG.	Sec.		
TYPE	F55		
SER. NO.	716499.		

DEPTH PREVIOUS REPORT 5467 FT. DEPTH THIS REPORT 5645 FT. GAS USED ____ HRS. WATER USED ____ BBLS HRS

TOTAL DAY WORK THIS 24 HRS: 24 HRS. WITH DRILL PIPE — HRS. WITHOUT DRILL PIPE ____ HRS. STANDBY

SIGNED [signature] FOREMAN CHECKED [signature] SUPERINTENDENT

* Show total hours each tour for Drilling, Coring, DST, Logging, Shut Down, Running Casing, WOC, Completing, Loss Circulation, etc.
Under REMARKS: Describe fully all shows Oil, Gas and Water, cause of Shut Down, Fishing Jobs, Casing Jobs, Steel line correction and all pertinent information not show elsewhere on report.

PRINTED IN U.S.A.

FORM 10-98-865

SKELLY OIL COMPANY
DRILLERS REPORT

RECEIVED
MAY 26 1972
Skelly Oil of Canada Ltd.

LEASE NAME Skelly-Cotty-Amoco Ft McPherson WELL NO. 78 DATE May 21/72
CONTRACTOR SxT Drlg (Western Co LTD KIND OF TOOLS Rotary

ON TOUR: 12.00 P.M. TO 6.00 A.M DRILLER: R. Hardy

FORMATION	FROM	TO	REMARKS
	5347	5427	12.00 - 1.15 Drlg 8¾ hole WOB. 30
			1.15 - 1.30 Rig Serv. & DOR RPM. 210
			1.30 - 7.00 Drlg 8¾ hole SPM 62
* RIG TIME DATA		HOURS	7.00 - 7.30 Wl. Survey PSI 1475
			7.30 - 8.00 Drlg 8¾ hole
			Gel. 20 sks
			Cellex 2 Cellex

DAY WORK THIS TOUR: 8 HRS WITH DRILL PIPE — HRS. WITHOUT DRILL PIPE — HRS. STANDBY

ON TOUR 8.00 A.M TO 4.00 P.M DRILLER: W H Smith

FORMATION	FROM	TO	REMARKS
	5427	5460	8.00 - 8.45 - DRLG WOB 30
			8.45 - 9.00 - Ser Rig & BOPs & Kelly Cock RPM. 30
			9.00 - 7.45 - DRLG. SPM. 62
* RIG TIME DATA		HOURS	7.45 - 3.30 - W.L. Survey PSI. 1475
			3.30 - 4.00 - DRLG.
			Gel 10 sks.
			Hi. Vis. Cellex 1 sx.

DAY WORK THIS TOUR: 8 HRS. WITH DRILL PIPE — HRS. WITHOUT DRILL PIPE — HRS. STANDBY

ON TOUR 4.00 PM TO 12.00 P.M DRILLER: R Hardy

FORMATION	FROM	TO	REMARKS
	5460	5467.	4.00 - 7.00 TRIP FOR BIT
			7.00 - 7.15 Ser Rig & BOPs
			7.15 - 8.00 CHANGE BITS, Lay Down 6 PT Pump & Pull Jars etc.
* RIG TIME DATA		HOURS	8.00 - 8.45 Run in w/ D.C.
			8.45 9.15 Slip & Cut Line WOB. 30
			9.15 - 10.30 Run in w/ Bit #13 RPM. 35
			10.30 - 11.15 Clean 20' To B.T. SPM. 60
			11.15 - 12.00 Drlg 8¾ Hole PSI 1475.
			T-5-B2-P

DAY WORK THIS TOUR: 8 HRS. WITH DRILL PIPE — HRS. WITHOUT DRILL PIPE — HRS. STANDBY

CASING RECORD

SIZE	WT.	THDS.	JTS.	WHERE SET	AMOUNT RUN L.T.M. PULLED L.T.M.	TYPE	COND.	SK. CEMENT
13⅜	48#	8R	10	322 KB	304.35	Szl. K55 STxC.	New	1300
9⅝	36#	8R	34	1701 KB	1204.14	Mann K55 STxC	New	676

MUD TESTS

TOUR	MORN	DAY	EVE
WT.	9.1	9.0	9.0
VIS.	50	52	45
W.L.	4.4	5.4	
PH.	10.0	9.5	9.0
F.C.	2/32	2/32	2/32

SLOPE TESTS

DEPTH	DEGREE OFF
5417.	1¾°
5446	1 15/16°

BIT DATA

NO	12	13
DEPTH IN	5140	5460
SIZE	8¾	8¾
MFG.	Sec	Sec
TYPE	M44N	DS5
SER. NO.	391120	319699

DEPTH PREVIOUS REPORT 5387 FT. DEPTH THIS REPORT 5467 FT. GAS USED ____ HRS. WATER USED ____ BBLS HRS

TOTAL DAY WORK THIS 24 HRS; 24 HRS. WITH DRILL PIPE — HRS. WITHOUT DRILL PIPE — HRS. STANDBY

SIGNED R Hardy FOREMAN CHECKED ____ SUPERINTENDENT

* Show total hours each tour for Drilling, Coring, DST, Logging, Shut Down, Running Casing, WOC, Completing, Loss Circulation, etc. Under REMARKS; Describe fully all shows Oil, Gas and Water, cause of Shut Down, Fishing Jobs, Casing Jobs, Steel line correction and all pertinent information not show elsewhere on report.

FORM 16-36-865 PRINTED IN U.S.A.

RECEIVED
MAY 20 1972
Skelly Oil of Canada Ltd.

SKELLY OIL COMPANY
DRILLERS REPORT

LEASE NAME Shelly-Cotty Area, Ft McPherson WELL NO. C 78 DATE May 20/72.
CONTRACTOR S.T Drlg (Western) Co LTD KIND OF TOOLS Rotary

ON TOUR: 12.00 P.M. TO 8.00 A.M DRILLER: K. Neely.

FORMATION	FROM	TO	REMARKS
	5250	5300	12.00 - 2.45 Drlg 8¾ Hole RPM 40
			2.45 - 3.00 Rig Service D.P. VIS. 70
			3.00 - 3.30 Wl Survey SPM 62
* RIG TIME DATA	HOURS		3.30 - 8.00 Drlg 8¾ Hole PSI 1475
			Gel 10 SAX.
			Caltex 1 SAX.

DAY WORK THIS TOUR: 8 HRS WITH DRILL PIPE — HRS. WITHOUT DRILL PIPE — HRS. STANDBY

ON TOUR 8.00 A.M TO 4.00 P.M DRILLER: W. L. Smith

FORMATION	FROM	TO	REMARKS
	5300	5745	8.00 - 8.15 - Ser Rig & Kelly Cock & BOPE W.O.B. 30
			8.15 - 1.00 - DRLG RPM. 35
			1.00 - 1.45 - Wl SURVEY SPM. 62
* RIG TIME DATA	HOURS		1.45 - 4.00 - DRLG PSI 1475
			Gel 10 SK
			SODA ASH 1 SK
			Caltex 1 SK

DAY WORK THIS TOUR: 8 HRS. WITH DRILL PIPE — HRS. WITHOUT DRILL PIPE — HRS. STANDBY

ON TOUR 4.00 P.M TO 12.00 P.M DRILLER: A. H. G.

FORMATION	FROM	TO	REMARKS
	5345	5347	4.00 - 7.30 DRLG
			7.30 - 8.00 Wl Survey Misrun
			8.00 - 8.30 Wl Survey
* RIG TIME DATA	HOURS		8.30 - 12.00 Drlg 8¾ hole

DAY WORK THIS TOUR: 8 HRS. WITH DRILL PIPE — HRS. WITHOUT DRILL PIPE — HRS. STANDBY

CASING RECORD

SIZE	WT.	THDS.	JTS.	WHERE SET	AMOUNT RUN L.T.M. PULLED L.T.M.	TYPE	COND.	SK. CEMENT
13 3/4	48#	8R	10	322 KB	304.35	S&L K55 ST&C	New	1300
9 5/8	36#	8R	34	1201 KB	1204.14	Mann. K55 ST&C	New	676

MUD TESTS

TOUR	MORN	DAY	EVE
WT.	9.1		
VIS.	45"		
W.L.	5.2		
PH.	10.		
F.C.	2/32		

SLOPE TESTS

DEPTH	DEGREE OFF
5254	1 ¼°
5323	1 ¼°
5353	1 ¼

BIT DATA

NO	12		
DEPTH IN	5140		
SIZE	8 ¾		
MFG.	Sec		
TYPE	M44N		
SER. NO.	391120		

DEPTH PREVIOUS REPORT 5250 FT. DEPTH THIS REPORT 5382 FT. GAS USED ____ HRS. WATER USED ____ BBLS HRS

TOTAL DAY WORK THIS 24 HRS: 24 HRS. WITH DRILL PIPE — HRS. WITHOUT DRILL PIPE — HRS. STANDBY

SIGNED K. Neely FOREMAN CHECKED ____ SUPERINTENDENT

* Show total hours each tour for Drilling, Coring, DST, Logging, Shut Down, Running Casing, WOC, Completing, Lose Circulation, etc.
Under REMARKS: Describe fully all shows Oil, Gas and Water, cause of Shut Down, Fishing Jobs, Casing Jobs, Steel line correction and all pertinent information not show elsewhere on report.

PRINTED IN U.S.A.

FORM 16-38-865

RECEIVED
MAY 26 1972
Skelly Oil of Canada Ltd.

SKELLY OIL COMPANY
DRILLERS REPORT

LEASE NAME Skelly-Gett, Amoco. FT McPherson WELL NO. C73 DATE May 19 72
CONTRACTOR 52T Dely (Western) Co LTD KIND OF TOOLS Rotary

ON TOUR: 12 00 P.M TO 8 00 A.M DRILLER: R. Hardy

FORMATION	FROM	TO	REMARKS
	~~5140~~		12.00 - 12 30 Hoist T.O. Bit x Stop out
	5140	5144	12 30 - 12 45 Rig Serv x BOPs
			12 45 - 1 45 Run in w DC, 2 Pts, 6 Pt. Reamer.
* RIG TIME DATA		HOURS	1 45 - 5 30 Working on Drum Clutch.
			5 30 - 6 45 Run in w/ Bit #12
			6 45 - 7 30 Clean 30' to Bot. WOB. 30
			7 30 - 8 00 Dely. 8 3/4 Hole RPM. 35
			SPM 62
			PSI. 1475

DAY WORK THIS TOUR: 8 HRS WITH DRILL PIPE — HRS WITHOUT DRILL PIPE — HRS. STANDBY

ON TOUR 8.00 A.M TO 4.00 P.M DRILLER: W.M. Lovett

FORMATION	FROM	TO	REMARKS
	5144	5197	8.00 - 8.15 - DRLG
			8.15 - 8.30 - SER RIG & Kelly Cock & BOPs
			8.30 - 4.00 - DRLG.
* RIG TIME DATA		HOURS	

W.O.B. 30
R.P.M. 35
SPM 62
P.S.I. 1475
Cellex 2 SK
Gel 18 SKS.

DAY WORK THIS TOUR: 8 HRS. WITH DRILL PIPE — HRS. WITHOUT DRILL PIPE — HRS. STANDBY

ON TOUR 4.00 P.M TO 12.00 P.M DRILLER: R. Hardy

FORMATION	FROM	TO	REMARKS
	5197	5250	4.00 - 5.45 - DRLG
			5.45 - 6.00 - Wk. Survey
			6.15 - 6.30 - SER RIG & BOPs
* RIG TIME DATA		HOURS	6.30 - 12.00 Drlg 8 3/4 hole.

DAY WORK THIS TOUR: 8 HRS. WITH DRILL PIPE — HRS. WITHOUT DRILL PIPE — HRS. STANDBY

CASING RECORD

SIZE	WT.	THDS.	JTS.	WHERE SET	AMOUNT RUN L.T.M. PULLED L.T.M.	TYPE	COND.	SK. CEMENT
13 3/8	48#	8R	10	322 KB	~~Mann K55 STxC~~	SLL K55 STxC	New	1300
9 5/8	36#	8R	34	1201 KB	~~Mann K55 STxC~~	Mann K55 STxC	New	676
					304.35			
					1204.14			

MUD TESTS			
TOUR	MORN	DAY	EVE
WT.		9.1	9.0
VIS.		52	42
W.L.		5.2	6.0
PH.		10.6	10.0
F.C.		2/32	2/32

SLOPE TESTS	
DEPTH	DEGREE OFF
5199	1/4°

BIT DATA			
NO	12		
DEPTH IN	5140		
SIZE	8 3/4		
MFG.	Sec.		
TYPE	M44M		
SER. NO.	391120		

DEPTH PREVIOUS REPORT 5140 FT. DEPTH THIS REPORT 5250 FT. GAS USED ____ BBLS HRS. WATER USED ____ HRS

TOTAL DAY WORK THIS 24 HRS; 24 HRS. WITH DRILL PIPE — HRS. WITHOUT DRILL PIPE — HRS. STANDBY

SIGNED R Sutherby FOREMAN CHECKED ____ SUPERINTENDENT

* Show total hours each tour for Drilling, Coring, DST, Logging, Shut Down, Running Casing, WOC, Completing, Loss Circulation, etc. Under REMARKS; Describe fully all shows Oil, Gas and Water, cause of Shut Down, Fishing Jobs, Casing Jobs, Steel line correction and all pertinent information not show elsewhere on report.

PRINTED IN U.S.A.

SKELLY OIL COMPANY
DRILLERS REPORT

RECEIVED
MAY 26 1972
Skelly Oil of Canada Ltd.

LEASE NAME Sx Ht, Gth, Bance, Ft McMurray WELL NO. DATE May 15/72

CONTRACTOR Cxt Dlg (Western) Ltd KIND OF TOOLS Rotary

ON TOUR: 12:00 P.M. TO 4:00 A.M. DRILLER: R. Tinsley

FORMATION	FROM	TO	REMARKS
	5051	5097	12:00 - 4:15 Drlg - 8¾ Hole WOB 30
			4:15 - 4:30 R.S. Service BOPs RPM 35
			4:30 - 5:00 Tech Survey SPM 62
* RIG TIME DATA	HOURS		5:00 - 6:00 Drlg 8¾ Hole PSI 1475
			Gel 10 SAX
			Celley 1 SAX

DAY WORK THIS TOUR: 8 HRS WITH DRILL PIPE — HRS. WITHOUT DRILL PIPE — HRS. STANDBY

ON TOUR 8:00 A.M. TO 4:00 P.M. DRILLER: W. Scott

FORMATION	FROM	TO	REMARKS
	5097	5133	9:00 - 10:30 - DRLG WOB - 30
			10:30 - 10:45 - Service Rig & Kelly Cock & BOPs RPM 35
			10:45 - 4:00 DRLG SPM 62 PSI 1475
* RIG TIME DATA	HOURS		
			Soda Ash 1 SK Gel 10 SKS
			Caustic 1 SK
			Cellex 1 SK
			Arbanex 1 SK

DAY WORK THIS TOUR: 8 HRS. WITH DRILL PIPE — HRS. WITHOUT DRILL PIPE — HRS. STANDBY

ON TOUR 4:00 P.M. TO 12:00 P.M. DRILLER: R. Tinsley

FORMATION	FROM	TO	REMARKS
	5133	5140	4:00 - 5:30 DRLG
			5:30 - 6:00 Gth. Survey
			6:00 - 9:30 Lay up Front End
* RIG TIME DATA	HOURS		9:30 - 12:00 Hoist For Bit & Strap out
			T-3-B 4-1

DAY WORK THIS TOUR: 8 HRS. WITH DRILL PIPE — HRS. WITHOUT DRILL PIPE — HRS. STANDBY

CASING RECORD

SIZE	WT.	THDS.	JTS.	WHERE SET	AMOUNT RUN L.T.M. PULLED L.T.M.	TYPE	COND.	SK. CEMENT
13 3/8	48#	8R	10	322 KB	304.35	Sol. K55-STC	New	1300
9 5/8	36#	8R	34	1241 KB	1264.14	New K55-STC	New	675

MUD TESTS				SLOPE TESTS		BIT DATA			
TOUR	MORN	DAY	EVE	DEPTH	DEGREE OFF	NO	11		
WT.	9.0	9.0+		5067	1¾°	DEPTH IN	4951		
VIS.	52	59		5130	1½°	SIZE	8 ¾		
W.L.	5.8	5.6				MFG.	Sec		
PH.	10.0	10.5				TYPE	DST		
F.C.	2/32	2/32				SER. NO.	910860		

DEPTH PREVIOUS REPORT 5051 FT. DEPTH THIS REPORT 5140 FT. GAS USED ____ HRS. WATER USED ____ BBLS HRS

TOTAL DAY WORK THIS 24 HRS: 24 HRS. WITH DRILL PIPE — HRS. WITHOUT DRILL PIPE — HRS. STANDBY

SIGNED R. Tinsley FOREMAN CHECKED ____ SUPERINTENDENT

* Show total hours each tour for Drilling, Coring, DST, Logging, Shut Down, Running Casing, WOC, Completing, Loss Circulation, etc.
Under REMARKS: Describe fully all shows Oil, Gas and Water, cause of Shut Down, Fishing Jobs, Casing Jobs, Steel line correction and all pertinent information not show elsewhere on report.

PRINTED IN U.S.A.

FORM 16-38-865

SKELLY OIL COMPANY
DRILLERS REPORT

RECEIVED
MAY 23 1972

LEASE NAME Skelly-Getty Amoco E.T. McFinnegan WELL NO. C 74 DATE May 19 1972

CONTRACTOR Sit Drlg (Western) Co. LTD. KIND OF TOOLS Rotary

ON TOUR: 12A M. TO 8A M DRILLER: R. Hurley

FORMATION	FROM	TO	REMARKS
	4951	4967	12.00-5.30 Clean F. Bottom. RPM. 35
			5.30-8.00 Drlg 8 3/4 Hole WOB. 30
			SPM. 62
			PSI 1500

* RIG TIME DATA	HOURS

Gel. 15 SAX.
Soda Ash 7 SAX

DAY WORK THIS TOUR: 8 HRS WITH DRILL PIPE — HRS. WITHOUT DRILL PIPE — HRS. STANDBY

ON TOUR 8.00 A M TO 4.00 P M DRILLER: W. H. Scott

FORMATION	FROM	TO	REMARKS
	4967	5009	8.00-10.45 - DRLG WOB 30
			10.45-12.00 - W.L. SURVEY WORK PIPE RPM 35
			BEFORE SURVEY PSI 1450
			12.00-12.15 - RIG SER & BOPS & KELLY COCK. SPM 62
			12.15-4.00 - DRLG.

* RIG TIME DATA	HOURS

CAUSTIC 1 SK.
SODA ASH 3 SK.

DAY WORK THIS TOUR: 8 HRS. WITH DRILL PIPE — HRS. WITHOUT DRILL PIPE — HRS. STANDBY

ON TOUR 4.00 P M TO 12.00 P M DRILLER: B. Hurley

FORMATION	FROM	TO	REMARKS
	5009	5051.00	4.00-5.00 DRLG WOB. 30
			5.00-5.15 SER RIG & BOPS RPM. 35
			5.15-5.45 W.L. SURVEY SPM. 62
			5.45-12.00 DRLG PSI. 1450

* RIG TIME DATA	HOURS

DAY WORK THIS TOUR: 8 HRS. WITH DRILL PIPE — HRS. WITHOUT DRILL PIPE — HRS. STANDBY

CASING RECORD

SIZE	WT.	THDS.	JTS.	WHERE SET	AMOUNT	RUN L.T.M. PULLED L.T.M.	TYPE	COND.	SK. CEMENT
13 3/4	48#	8R	10	322 KB	304.35		SCL. K55 STXC	New	1300
9 5/8	36	8R.	34	1201 KB.	1204.14		Mann K55 ST ZC.	New	676

MUD TESTS

TOUR	MORN	DAY	EVE
WT.	9.0	9.0	9.0
VIS.	60	56	52
W.L.	5.0	5.4	6.4
PH.	9.5	9.0	10.
F.C.	2/32	2/32	2/32

SLOPE TESTS

DEPTH	DEGREE OFF
4991	2 1/2°
5004	2 1/4°

BIT DATA

NO	11		
DEPTH IN	4951		
SIZE	8 3/4		
MFG.	Sec		
TYPE	J 55		
SER. NO.	910960		

DEPTH PREVIOUS REPORT 4951 FT. DEPTH THIS REPORT 5051 FT. GAS USED ____ HRS. WATER USED ____ BBLS HRS

TOTAL DAY WORK THIS 24 HRS; 24 HRS. WITH DRILL PIPE — HRS. WITHOUT DRILL PIPE — HRS. STANDBY

SIGNED R. Hurley FOREMAN CHECKED _____ SUPERINTENDENT

* Show total hours each tour for Drilling, Coring, DST, Logging, Shut Down, Running Casing, WOC, Completing, Loss Circulation, etc. Under REMARKS, Describe fully all shows Oil, Gas and Water, cause of Shut Down, Fishing Jobs, Casing Jobs, Steel line correction and all pertinent information not show elsewhere on report.

PRINTED IN U.S.A.

FORM 16-38-865

SKELLY OIL COMPANY
DRILLERS REPORT

RECEIVED
MAY 23 1972

LEASE NAME Skelly-Cottyhouse Ft. McPherson WELL NO. 673 DATE 11/72

CONTRACTOR SXT Drlg (Western) Co. L.T.D. KIND OF TOOLS Rotary

ON TOUR: 1200 P.M. TO 400 A.M. DRILLER: D. H. L.

FORMATION	FROM	TO	REMARKS
	4951		1200-8PM Cond. Mud & Circ. Hole & reamed pipe Free.

* RIG TIME DATA	HOURS

Gel 40 SAX
Caustic 1 SAX
Colloxx Pac 1 SAX

DAY WORK THIS TOUR: 8 HRS WITH DRILL PIPE — HRS. WITHOUT DRILL PIPE ____ HRS. STANDBY

ON TOUR 8:00 P.M TO 4:00 P.M. DRILLER: W. H. Scott

FORMATION	FROM	TO	REMARKS
	4951		8:00 - 12:00 Circ & Condition Hole
			12:00 - 12:30 - Trip To Check Bit
			12:30 - 3:00 - Change 4" Union on Mud Line in Sub
			3:00 - 4:00 - Change Bits & Lay Down Stabs
			Pick up Lead Jars

* RIG TIME DATA	HOURS

Motor Shut off OK

DAY WORK THIS TOUR: 8 HRS. WITH DRILL PIPE — HRS. WITHOUT DRILL PIPE ____ HRS. STANDBY

ON TOUR 4:00 P.M TO 12:00 P.M. DRILLER:

FORMATION	FROM	TO	REMARKS
	4951		4:00 - 4:45 - Run DC's in
			4:45 - 5:00 - Slip 22' Line
			5:00 - 6:00 - Run in w/Bit
			6:00 - 12:00 Clean To Bottom

* RIG TIME DATA	HOURS

DAY WORK THIS TOUR: 8 HRS. WITH DRILL PIPE — HRS. WITHOUT DRILL PIPE ____ HRS. STANDBY

CASING RECORD

SIZE	WT.	THDS.	JTS.	WHERE SET	AMOUNT RUN L.T.M. PULLED L.T.M.	TYPE	COND.	SK. CEMENT
13 3/4	48	8R	10	322 KB	304.35	S2L K55 ST&C	New	1300
9 5/8	36	8R	34	1201 KB	1204.14	Mann K55 ST&C	New	676

MUD TESTS

TOUR	MORN	DAY	EVE
WT.	9.0		9.0
VIS.	52		50
W.L.	5.0		5.6
PH.	8 3/32		9.0
F.C.	3/32		2/32

SLOPE TESTS

DEPTH	DEGREE OFF

BIT DATA

NO	10	11
DEPTH IN	4951	4951
SIZE	9 3/4	9 3/4
MFG.	Sec	Sec
TYPE	DSJ	DSJ
SER. NO.	911044	910960

DEPTH PREVIOUS REPORT 4951 FT. DEPTH THIS REPORT 4951 FT. GAS USED ____ HRS. WATER USED ____ BBLS HRS

TOTAL DAY WORK THIS 24 HRS: 24 HRS. WITH DRILL PIPE — HRS. WITHOUT DRILL PIPE ____ HRS. STANDBY

SIGNED R. Scott Rudolph FOREMAN CHECKED J. A. Cobb SUPERINTENDENT

* Show total hours each tour for Drilling, Coring, DST, Logging, Shut Down, Running Casing, WOC, Completing, Loss Circulation, etc.
Under REMARKS: Describe fully all shows Oil, Gas and Water, cause of Shut Down, Fishing Jobs, Casing Jobs, Steel line correction and all pertinent information not show elsewhere on report.

FORM 16-38-865 PRINTED IN U.S.A.

RECEIVED
MAY 23 1972
Skelly Oil Company

SKELLY OIL COMPANY
DRILLERS REPORT

LEASE NAME Skelly C-7 Amoco Ft McPherson WELL NO. C-78 DATE May 15 72
CONTRACTOR SKT Drlg - (Western) C, LTD KIND OF TOOLS R. Tucy

ON TOUR: 12 P M. TO 8 A M DRILLER: R. Tucy

FORMATION	FROM	TO	REMARKS
	4951		12:00 - 8:00 Work Stuck Pipe.

* RIG TIME DATA | HOURS

DAY WORK THIS TOUR: 8 HRS WITH DRILL PIPE ____ HRS WITHOUT DRILL PIPE ____ HRS. STANDBY

ON TOUR 8:00 A M TO 4:00 P.M DRILLER: W. A Smith

FORMATION	FROM	TO	REMARKS
	4951		8:00 - 4:00 WORK STUCK PIPE

* RIG TIME DATA | HOURS

DAY WORK THIS TOUR: 8 HRS. WITH DRILL PIPE ____ HRS. WITHOUT DRILL PIPE ____ HRS. STANDBY

ON TOUR 4:00 P.M TO 12:00 P.M DRILLER: R Tucy

FORMATION	FROM	TO	REMARKS
	4951		4:00 - 8:15 WORK STUCK PIPE
			8:15 - 9:30 Pump pipe loose w/ BJ.
			9:30 - 12:00 Circ & Cond Hole
			Used B.J Cement unit to break Circulation @ 3600 PSI -

* RIG TIME DATA | HOURS

DAY WORK THIS TOUR: 8 HRS. WITH DRILL PIPE ____ HRS. WITHOUT DRILL PIPE ____ HRS. STANDBY

CASING RECORD

SIZE	WT.	THDS.	JTS.	WHERE SET	AMOUNT RUN L.T.M. PULLED L.T.M.	TYPE	COND.	SK. CEMENT
13 3/4	48	8R	10	322 KB	304.35	S2L K55 STZC.	New	1700
9 5/8	36	8R.	34	1701 KB	1704.14	Mann K55 STZC.	New	176

MUD TESTS

TOUR	MORN	DAY	EVE
WT.			
VIS.			
W.L.			
PH.			
F.C.			

SLOPE TESTS

DEPTH	DEGREE OFF

BIT DATA

NO	10		
DEPTH IN	4951		
SIZE	8 3/4		
MFG.	Sec		
TYPE	DS5		
SER. NO.	911044		

DEPTH PREVIOUS REPORT 4951 FT. DEPTH THIS REPORT 4951 FT. GAS USED ____ HRS. WATER USED ____ BBLS HRS

TOTAL DAY WORK THIS 24 HRS: 24 HRS. WITH DRILL PIPE ____ HRS. WITHOUT DRILL PIPE ____ HRS. STANDBY

SIGNED R Tucy FOREMAN CHECKED ____ SUPERINTENDENT

* Show total hours each tour for Drilling, Coring, DST, Logging, Shut Down, Running Casing, WOC, Completing, Loss Circulation, etc. Under REMARKS, Describe fully all shows Oil, Gas and Water, cause of Shut Down, Fishing Jobs, Casing Jobs, Steel line correction and all pertinent information not show elsewhere on report.

RECEIVED
MAY 23 1972
Skelly Oil of Canada Ltd.

SKELLY OIL COMPANY
DRILLERS REPORT

LEASE NAME Skelly Getty Amoco Ft McPherson WELL NO. C78 DATE May 14/72
CONTRACTOR S2T Drlg (Western) Co. LTD. KIND OF TOOLS Rotary

ON TOUR: 12:00 P.M. TO 8:00 A.M. DRILLER: R Hanley

FORMATION	FROM	TO	REMARKS
	4919	4951	12:00-5:00 D.L. 8¾ Hole R.P.M. 45
			5:00-5:15 P/U Core Brl. W.O.B. 20
			5:15-5:45 Wm. Survey S.P.M. 54
* RIG TIME DATA	HOURS		5:45-6:00 D.L. 8¾ Hole P.S.I. 1500
			6:00-8:00 Hoist For Bit
			Gel. 10 Sks
			T-1-B-1-G-1 Collar 1 Sks

DAY WORK THIS TOUR: 8 HRS WITH DRILL PIPE — HRS WITHOUT DRILL PIPE ____ HRS. STANDBY

ON TOUR 8:00 A.M. TO 4:00 P.M. DRILLER: W. A Smith

FORMATION	FROM	TO	REMARKS
	4951		8:00-8:15 - Finish out
			8:15-8:30 - Slip Rig & Rot.
			8:30-9:30 Change Bits & Take out
* RIG TIME DATA	HOURS		6 pt Reaming & Ream
			3 pt Reaming & Start up
			9:30-11:30 - Ream in w/Bit
			11:30-12:00 - Clean 15' Fill
			12:00- Work Stuck Pipe

DAY WORK THIS TOUR: 8 HRS. WITH DRILL PIPE — HRS. WITHOUT DRILL PIPE ____ HRS. STANDBY

ON TOUR 4:00 P.M. TO 12:00 P.M. DRILLER:

FORMATION	FROM	TO	REMARKS
	4951	4951	4:00-6:45 Work Stuck Pipe
			6:45-9:45 Circ & Condition Hole *
			9:45-12:00 Work Stuck Pipe
* RIG TIME DATA	HOURS		* Full Circulation (58 SPM @ 1500 PSI) for 2 HRS.
			Belts Slipping on #1 Pump. Shut Down & Changed
			over to #2 Pump - Stuck in Hole Again - Unable to
			Break Circulation -

DAY WORK THIS TOUR: 8 HRS. WITH DRILL PIPE — HRS. WITHOUT DRILL PIPE ____ HRS. STANDBY

CASING RECORD

SIZE	WT.	THDS.	JTS.	WHERE SET	AMOUNT RUN L.T.M. PULLED L.T.M.	TYPE	COND.	SK. CEMENT
13 3/8	48	8R	10	322 KB	304.35	SIL K55 ST & C	New	1300
9 5/8	36	8R	74	1201 KB	1204.14	Mann K55 ST & C	New	676

MUD TESTS

TOUR	MORN	DAY	EVE
WT.	9.0		
VIS.	36		
W.L.	6.4		
PH.	8.0		
F.C.	2/32		

SLOPE TESTS

DEPTH	DEGREE OFF

BIT DATA

NO	9	10
DEPTH IN	4756	4951
SIZE	8 3/4	8 3/4
MFG.	Sm. Int.	Sec
TYPE	4JS	DSJ
SER. NO.	H7104	911094

DEPTH PREVIOUS REPORT 4951 FT. DEPTH THIS REPORT 4951 FT. GAS USED ____ HRS. WATER USED ____ BBLS HRS

TOTAL DAY WORK THIS 24 HRS: 24 HRS. WITH DRILL PIPE — HRS. WITHOUT DRILL PIPE ____ HRS. STANDBY

SIGNED [signature] FOREMAN CHECKED [signature] SUPERINTENDENT

* Show total hours each tour for Drilling, Coring, DST, Logging, Shut Down, Running Casing, W.O.C., Completing, Loss Circulation, etc.
Under REMARKS, Describe fully all shows Oil, Gas and Water, cause of Shut Down, Fishing Jobs, Casing Jobs, Steel line correction and all pertinent information not show elsewhere on report.

FORM 10-38-865

PRINTED IN U.S.A.

SKELLY OIL COMPANY
DRILLERS REPORT

RECEIVED
MAY 23 1972
Skelly Oil of Canada Ltd.

LEASE NAME Skelly Cott. Amoco Ft McPherson WELL NO. C 74 DATE 5/22/72

CONTRACTOR S.T. Drlg. (Western) Co. LTD KIND OF TOOLS Rotary

ON TOUR: 12 PM TO 4:00 AM DRILLER: P. Hoof

FORMATION	FROM	TO	REMARKS
	4746	4823	12:00 - 1:15 Rig in Wire log
			1:15 - 1:45 - Clean up & Circ
			1:45 - 8:00 Drl, 8¾ Hole

* RIG TIME DATA	HOURS

WOB 25
RPM 40
SPM 58
PSI 1500

Gel 25 sax
Caltex - 1 sax

DAY WORK THIS TOUR: 8 HRS WITH DRILL PIPE — HRS. WITHOUT DRILL PIPE — HRS. STANDBY

ON TOUR 4:00 AM TO 4:00 PM DRILLER: W. H. Smith

FORMATION	FROM	TO	REMARKS
	4823	4873	4:00 - 4:30 - W.L. Survey
			4:30 - 8:45 - Circ Rig & Mud, Pull & Rack BHA
			8:45 - 4:00 DRLG

* RIG TIME DATA	HOURS

WOB 25
RPM 40
SPM 58
PSI 1500

Hi Vis Conc 1 sx
Caustic 1 sx

DAY WORK THIS TOUR: 8 HRS. WITH DRILL PIPE — HRS. WITHOUT DRILL PIPE — HRS. STANDBY

ON TOUR 4:00 PM TO 12:00 PM DRILLER: R. Neely

FORMATION	FROM	TO	REMARKS
	4873	4919	4:00 5:45 - DRLG
			5:45 6:15 W.L. SURVEY
			6:15 - 6:30 Circ Rig & BHA
			6:30 - 11:00 Drlg 8¾ hole
			11:00 - 11:30 - W.L. Survey
			11:30 - 12:00 - Drlg 8¾ hole

* RIG TIME DATA	HOURS

WOB 25 - 20
RPM 45
SPM 54
PSI 1500

DAY WORK THIS TOUR: 8 HRS. WITH DRILL PIPE — HRS. WITHOUT DRILL PIPE — HRS. STANDBY

CASING RECORD

SIZE	WT.	THDS.	JTS.	WHERE SET	AMOUNT RUN L.T.M. PULLED L.T.M.	TYPE	COND.	SK. CEMENT
13⅜	48	LP	10	722 KB	384.35	Cyl Key Seat Stye	New	130
9⅝	36	LP	34	1241 KB	1204.14	Mann Key Seat Stye	New	170

MUD TESTS

TOUR	MORN	DAY	EVE
WT.	9.1	9.0	9.0
VIS.	40	37	37
W.L.	8.0	7.8	7.2
PH.	9.0	9.0	9.0
F.C.	2/32	2/32	2/32

SLOPE TESTS

DEPTH	DEGREE OFF
4746	-
4913	1¼°
4973	2¼
4906	2¾

BIT DATA

NO	9		
DEPTH IN	4746		
SIZE	8-¾		
MFG.	Smith		
TYPE	ATJS		
SER. NO.	HZ-104		

DEPTH PREVIOUS REPORT 4786 FT. DEPTH THIS REPORT 4919 FT. GAS USED — HRS. WATER USED — BBLS HRS

TOTAL DAY WORK THIS 24 HRS: 24 HRS. WITH DRILL PIPE — HRS. WITHOUT DRILL PIPE — HRS. STANDBY

SIGNED R. Smith FOREMAN CHECKED SUPERINTENDENT

* Show total hours each tour for Drilling, Coring, DST, Logging, Shut Down, Running Casing, WOC, Completing, Lose Circulation, etc. Under REMARKS: Describe fully all shows Oil, Gas and Water, cause of Shut Down, Fishing Jobs, Casing Jobs, Steel line correction and all pertinent information not show elsewhere on report.

PRINTED IN U.S.A.

FORM 16-36-865

SKELLY OIL COMPANY
DRILLERS REPORT

RECEIVED
MAY 23 1972

LEASE NAME Skelly Gulf, Amoco Ft McPherson WELL NO. C 78 DATE May 13 1972

CONTRACTOR SST Drlg (Western) Ltd Rig 1E KIND OF TOOLS Rotary

ON TOUR: 12.00 PM TO 8.00 AM DRILLER: R Hanks

FORMATION	FROM	TO	REMARKS
	4669	4726	12-3.30 Drlg 8¾ Hole
			3.30-3.45 Rig Serv.
			3.45-4.00 Drlg 8¾ Hole

* RIG TIME DATA	HOURS

WOB 35
RPM 45
SPM 58
PSI 1500

Fuel 11 sks

DAY WORK THIS TOUR: 8 HRS WITH DRILL PIPE — HRS WITHOUT DRILL PIPE — HRS STANDBY

ON TOUR 8.00 AM TO 4.00 PM DRILLER: W. H. Smith

FORMATION	FROM	TO	REMARKS
	4726	4760	8.00-8.15 DRLG
			8.15-8.45 W.L. SURVEY
			8.45-9.00 RIG SERVICE CHAIN ROLL, CONT BOP'S
			9.00-3.15 DRLG
			3.15-3.45 W.L. SURVEY
			3.45-4.00 DRLG

* RIG TIME DATA	HOURS

WOB 30
RPM 45
SPM 58
PSI 1500

Caustic 2 sks

DAY WORK THIS TOUR: 8 HRS. WITH DRILL PIPE — HRS. WITHOUT DRILL PIPE — HRS. STANDBY

ON TOUR 4.00 P.M TO 12.00 P.M DRILLER: W. H. Smith

FORMATION	FROM	TO	REMARKS
	4760	4786	4.00-8.45 DRLG
			8.45-9.00 Drop Survey
			9.00-10.45 - Hoist out E. Pit
			10.45-11.00 - Rig Serv & RUN
			11.00-11.45 - Run in w/ DC
			11.45-12.00 - Slip 23' of D Line

* RIG TIME DATA	HOURS

WOB 30
RPM 45
SPM 56
PSI 1500

T-3-P-4-C-1

DAY WORK THIS TOUR: 8 HRS. WITH DRILL PIPE — HRS. WITHOUT DRILL PIPE — HRS. STANDBY

CASING RECORD

SIZE	WT.	THDS.	JTS.	WHERE SET	AMOUNT RUN L.T.M. PULLED L.T.M.	TYPE	COND.	SK. CEMENT
13¾	48	8R	10	322 KB	304.35	S&L K55 ST&C	New	1200
9⅝	36	8R	39	1201 KB	1204.11	Mann K55 ST&C	New	676

MUD TESTS			
TOUR	MORN	DAY	EVE
WT.	9.1	9.2	
VIS.	36	39	
W.L.	8.0	7.2	
PH.	8.0	9.0	
F.C.	3/32	3/32	

SLOPE TESTS	
DEPTH	DEGREE OFF
4719	2¼°
4750	1¾°

BIT DATA			
NO	8		
DEPTH IN	4613		
SIZE	8¾		
MFG.	Sec.		
TYPE	DMJ		
SER. NO.	911798		

DEPTH PREVIOUS REPORT 4669 FT. DEPTH THIS REPORT 4786 FT. GAS USED ____ HRS. WATER USED ____ BBLS HRS

TOTAL DAY WORK THIS 24 HRS: 24 HRS. WITH DRILL PIPE — HRS WITHOUT DRILL PIPE — HRS. STANDBY

SIGNED [signature] FOREMAN CHECKED [signature] SUPERINTENDENT

* Show total hours each tour for Drilling, Coring, DST, Logging, Shut Down, Running Casing, WOC, Completing, Loss Circulation, etc. Under REMARKS, Describe fully all shows Oil, Gas and Water, cause of Shut Down, Fishing Jobs, Casing Jobs, Steel line correction and all pertinent information not show elsewhere on report.

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FORM 16-38-865

RECEIVED
MAY 23 1972
Skelly Oil of Canada Ltd.

SKELLY OIL COMPANY
DRILLERS REPORT

LEASE NAME Skelly Getty Amoco Ft McPherson WELL NO. C78 DATE May 11/72
CONTRACTOR SATDRLG (Western) Co LTD Rig 1F. KIND OF TOOLS Rotary

ON TOUR: 12 A.M. TO 8 A.M. DRILLER: P. Hanby

FORMATION	FROM	TO	REMARKS
	4560	4613	12:00 - 1:15 Drlg 8¾ Hole RPM. 35
			1:15 - 1:30 Rig Service BOP WOB. 30 - 35
			1:30 - 5:00 Drlg 8¾ Hole SPM. - 60
* RIG TIME DATA	HOURS		5:00 - 5:15 W.L. Survey PSI 1600
			5:15 - 7:15 Drlg 8¾ Hole
			7:15 - 8:00 Drop Survey & Hoist Out For Bit
			88°C - 1-1-1
			59 in M.
			594 Ft.

DAY WORK THIS TOUR: 8 HRS WITH DRILL PIPE — HRS. WITHOUT DRILL PIPE — HRS. STANDBY

ON TOUR 8:00 AM TO 4:00 PM DRILLER: W. H Smith

FORMATION	FROM	TO	REMARKS
	4613	4624	8:00 - 9:00 - Finish Out W/Bit W.O.B. - 30
			9:00 - 9:45 Check Blind Rams R.P.M. - 44
			Change Bits. S.P.M. - 60
* RIG TIME DATA	HOURS		9:45 - 11:45 - Run in W/Bit PSI - 1600
			11:45 - 12:30 - Clean 30' Fill
			12:30 - 1:15 - Circ To Survey
			1:15 - 2:00 - W.L. Survey
			2:00 - 4:00 - Drlg 8¾ Hole

DAY WORK THIS TOUR: 8 HRS. WITH DRILL PIPE — HRS. WITHOUT DRILL PIPE — HRS. STANDBY

ON TOUR 4:00 P.M TO 12:00 P.M DRILLER: W. Smith

FORMATION	FROM	TO	REMARKS
	4624	4669	4:00 - 6:00 - Drlg 8¾ Hole W.O.B. - 30 - 35
			6:00 - 6:15 - Ser Rig & BOPS R.P.M. - 45
			6:15 - 10:45 Drlg S.P.M. 58
* RIG TIME DATA	HOURS		10:45 - 11:15 W.L. Survey PSI 1500
			11:15 - 12:00 Drlg 8¾ Hole

DAY WORK THIS TOUR: 8 HRS. WITH DRILL PIPE — HRS. WITHOUT DRILL PIPE — HRS. STANDBY

CASING RECORD

SIZE	WT.	THDS.	JTS.	WHERE SET	AMOUNT RUN L.T.M. PULLED L.T.M.	TYPE	COND.	SK. CEMENT
13 3/4	48	8R.	10	322 KB	304.35	S.A.L.K55 ST&C	New	1300
9 5/8	36	8R.	39	1201 KB.	1204.14	Mann. K55 ST&C	New	676

MUD TESTS				SLOPE TESTS		BIT DATA		
TOUR	MORN	DAY	EVE	DEPTH	DEGREE OFF	NO	PDC #6	8
WT.	9.1	9.1	9.1	4590	1 3/4°	DEPTH IN	4019	4613
VIS.	37	37	40	4655	1 3/4°	SIZE	8 3/4	8 3/4
W.L.	7.8	7.4	7.0			MFG.	H.W.	SEC
PH.	8.5	7.5	8.0			TYPE	J 33	DM-J
F.C.	2/32	2/32	2/32			SER. NO.	LL 944	911798

DEPTH PREVIOUS REPORT 4560 FT. DEPTH THIS REPORT 4669 FT. GAS USED — HRS. WATER USED — BBLS HRS

TOTAL DAY WORK THIS 24 HRS; 24 HRS. WITH DRILL PIPE — HRS. WITHOUT DRILL PIPE — HRS. STANDBY

SIGNED R. Smithby FOREMAN CHECKED W. Fyfe SUPERINTENDENT

* Show total hours each tour for Drilling, Coring, DST, Logging, Shut Down, Running Casing, WOC, Completing, Loss Circulation, etc. Under REMARKS; Describe fully all shows Oil, Gas and Water, cause of Shut Down, Fishing Jobs, Casing Jobs, Steel line correction and all pertinent information not show elsewhere on report.

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FORM 16-38-865

RECEIVED
MAY 23 1972
Skelly Oil of Canada Ltd.

SKELLY OIL COMPANY
DRILLERS REPORT

LEASE NAME Skelly Getty Amoco Ft McPherson WELL NO. C-74 DATE May 10/72

CONTRACTOR Sgt Drlg (Western) Co Ltd Rig 1E KIND OF TOOLS Rotary

ON TOUR: 12:00 P M. TO 5:00 A M DRILLER: R. Armstrong

FORMATION	FROM	TO	REMARKS
	4352	4424	12:00 - 12:15 - Rig Service
			12:15 - 3:00 - Drlg 8 3/4 Hole
			3:00 - 3:15 - W.L. Survey
* RIG TIME DATA	HOURS		3:15 - 6:30 - Drlg 8 3/4 Hole
			6:30 - 6:45 - W.L. Survey
			6:45 - 8:00 - Drlg 8 3/4 Hole

WOB - 30M
RPM - 35
SPM - 60
PSI - 1600
Mixed - Gel - 10 Sax

DAY WORK THIS TOUR: 8 HRS WITH DRILL PIPE — HRS. WITHOUT DRILL PIPE — HRS. STANDBY

ON TOUR 8 A M TO 4 P M DRILLER: K. Hanby

FORMATION	FROM	TO	REMARKS
	4424	4497	8.00 - 10.00 Drlg 8 3/4 Hole
			10.00 - 10.15 Rig Serv. & BOP.
			10.15 - 1.15 Drlg 8 3/4 Hole
* RIG TIME DATA	HOURS		1.15 - 1.30 W.L. Survey
			1.30 - 4.00 Drlg 8 3/4 Hole

WOB 30M
RPM - 35
SPM - 60
PSI - 1600

Mixed. Gel. 10 Sax
Caustic. 1 Sax

DAY WORK THIS TOUR: 8 HRS. WITH DRILL PIPE — HRS. WITHOUT DRILL PIPE — HRS. STANDBY

ON TOUR 4:00 P.M TO 12:00 P.M DRILLER: W. A Smith

FORMATION	FROM	TO	REMARKS
	4497	4560	4:00 - 5:00 - Drlg 8 3/4 Hole.
			5:00 - 5:15 - Ser Rig & BOP's
			5:15 - 8:45 - DRLG 8 3/4" Hole
* RIG TIME DATA	HOURS		8:45 - 9:30 - W.L. SURVEY
			9:30 - 12:00 - DRLG.

WOB 30
RPM 35
SPM 60
PSI 1600

Gel 10 SK
CAUSTICS 50#

DAY WORK THIS TOUR: 8 HRS. WITH DRILL PIPE — HRS. WITHOUT DRILL PIPE — HRS. STANDBY

CASING RECORD

SIZE	WT.	THDS.	JTS.	WHERE SET	AMOUNT RUN L.T.M. PULLED L.T.M.	TYPE	COND.	SK. CEMENT
13 3/8	48	8R	10	322 K.B.	304.35	SDL K-55 ST&C	New	1300
9 5/8	36	8R	39	1201 K.B.	1204.14	Mann K-55 ST&C	New	676

MUD TESTS

TOUR	MORN	DAY	EVE
WT.	9.0		9.1
VIS.	39		39
W.L.	6.8		7.6
PH.	8.5		9.0
F.C.	2/32.		2/32

SLOPE TESTS

DEPTH	DEGREE OFF
4382	1 3/4°
4414	1°
4476	1 3/4°
4528	1 3/4°

BIT DATA

NO	R.R. #6		
DEPTH IN	4019		
SIZE	8 3/4		
MFG.	H.W.		
TYPE	J33		
SER. NO.	LL944		

DEPTH PREVIOUS REPORT 4352 FT. DEPTH THIS REPORT 4560 FT. GAS USED — HRS. WATER USED — BBLS HRS

TOTAL DAY WORK THIS 24 HRS; 24 HRS. WITH DRILL PIPE — HRS. WITHOUT DRILL PIPE — HRS. STANDBY

SIGNED R. Armstrong FOREMAN CHECKED SUPERINTENDENT

* Show total hours each tour for Drilling, Coring, DST, Logging, Shut Down, Running Casing, WOC, Completing, Loss Circulation, etc.
Under REMARKS: Describe fully all shows Oil, Gas and Water, cause of Shut Down, Fishing Jobs, Casing Jobs, Steel line correction and all pertinent information not show elsewhere on report.

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FORM 16-38-865

SKELLY OIL COMPANY
DRILLERS REPORT

LEASE NAME Skelly Getty Amoco Ft. McPherson WELL NO. C-78 DATE May 9/72
CONTRACTOR S&T Drlg. (Western) Co Ltd Rig IE KIND OF TOOLS Rotary

ON TOUR: 12⁰⁰ P M. TO 8⁰⁰ A M DRILLER: B. Armstrong

FORMATION	FROM	TO	REMARKS
	4130	4214	12⁰⁰ - 12¹⁵ - Rig Service
			12¹⁵ - 2¹⁵ - Drlg 8 3/4 Hole
			2¹⁵ - 2³⁰ - W.L. Survey
			2³⁰ - 5³⁰ - Drlg 8 3/4 Hole
			5³⁰ - 5⁴⁵ - W.L. Survey
			5⁴⁵ - 8⁰⁰ - Drlg 8 3/4 Hole

* RIG TIME DATA	HOURS

WOB - 45M, 32M
RPM - 35
SPM - 60
PSI - 1600
Mixed - Gel - 10 Sax
Caustic - 1 Sack

DAY WORK THIS TOUR: _____ HRS WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ HRS. STANDBY

ON TOUR M TO M DRILLER: R. Henley

FORMATION	FROM	TO	REMARKS
	4214	4285	8⁰⁰ - 9¹⁵ Drlg. 8 3/4 Hole
			9¹⁵ - 9³⁰ Rig Service DOR
			9³⁰ - 9⁴⁵ W.L. Survey
			9⁴⁵ - 4⁰⁰ Drlg 8 3/4 Hole

* RIG TIME DATA	HOURS

WOB. 32
RPM. - 35
SPM. - 60
PSI - 1600.

Mixed - Gel - 10 Sax
Caustic - 1 Sack
Celled - 1 Sack

DAY WORK THIS TOUR: _____ HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ HRS. STANDBY

ON TOUR M TO M DRILLER:

FORMATION	FROM	TO	REMARKS
	4285	4352	4.00 - 4¹⁵ Rig Serv
			4¹⁵ - 4³⁰ W.L. Survey
			4³⁰ - 7⁴⁵ Drlg 8 3/4 Hole
			7⁴⁵ - 8.00 WL Survey
			8⁰⁰ - 12⁰⁰ - Drlg 8 3/4 Hole

* RIG TIME DATA	HOURS

DAY WORK THIS TOUR: _____ HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ HRS. STANDBY

CASING RECORD

SIZE	WT.	THDS.	JTS.	WHERE SET	AMOUNT RUN L.T.M. PULLED L.T.M.	TYPE	COND.	SK. CEMENT
13 3/8	48	8R.	10	322 K.B	304.35	S&L K-55 ST&C	New	1300
9 5/8	36	8R	39	1201 K.B.	1204.14	Mann K-55 ST&C	New	676

MUD TESTS

TOUR	MORN	DAY	EVE
WT.	9.0		9.0
VIS.	38		38
W.L.	7.0		6.2
PH.	9.0		8.5
F.C.	2/32		2/32

SLOPE TESTS

DEPTH	DEGREE OFF
4162	1 1/2
4194	1 1/8
4224	1 1/8
4286	1 1/4
4318	1 1/8

BIT DATA

NO	RR #6		
DEPTH IN	4019		
SIZE	8 3/4		
MFG.	H.W		
TYPE	J33		
SER. NO.	LL944		

DEPTH PREVIOUS REPORT 4130 FT. DEPTH THIS REPORT 4352 FT. GAS USED _____ HRS. WATER USED _____ BBLS HRS

TOTAL DAY WORK THIS 24 HRS; _____ HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ HRS. STANDBY

SIGNED C. B. Robertson FOREMAN CHECKED _____ SUPERINTENDENT

* Show total hours each tour for Drilling, Coring, DST, Logging, Shut Down, Running Casing, WOC, Completing, Loss Circulation, etc.
Under REMARKS: Describe fully all shows Oil, Gas and Water, cause of Shut Down, Fishing Jobs, Casing Jobs, Steel line correction and all pertinent information not show elsewhere on report.

FORM 16-38-865 PRINTED IN U.S.A.

SKELLY OIL COMPANY
DRILLERS REPORT

LEASE NAME Skelly Getty Amoco Ft McPherson WELL NO. C-78 DATE May 8/72
CONTRACTOR Sat Dale (Western) Co Ltd Rig IE KIND OF TOOLS Rotary

ON TOUR: 12:00 P M. TO 8:00 A M DRILLER: R. Armstrong

FORMATION	FROM	TO	REMARKS	
	3963	4019	12:00-1:45 - Drlg 8 3/4 Hole	WOB-32M 25M
			1:45-2:00 - W.L. Survey	RPM-48
* RIG TIME DATA	HOURS		2:00-2:15 - Rig Service	SPM-60
			2:15-6:15 - Drlg 8 3/4 Hole	PSI-1400
			6:15-6:30 - W.L. Survey	
			6:30-8:00 - Drlg 8 3/4 Hole	Mixed-Caustic-1 Sack
			T-7-B-5-G-1	

DAY WORK THIS TOUR; ____ HRS WITH DRILL PIPE ____ HRS. WITHOUT DRILL PIPE ____ HRS. STANDBY

ON TOUR ____ M TO ____ M DRILLER: R. Hanley

FORMATION	FROM	TO	REMARKS	
	4019	4038	8:00-8:15	Rig Serv
			8:15-10:15	Hoist out For Bit layed down Reamers x Stb
			10:15-11:30	Picked up Reamers. Shock Sub. x Stab. x DC.
* RIG TIME DATA	HOURS		11:30-12:15	Slip x Cut Line
			12:15-1:15	Running in w/ Bit RR #6 WOB 35
			1:15-1:45	Clean to Bottom. RPM-35
			1:45-3:30	Drlg 8 3/4 Hole. SPM 60
			3:30-3:45	Work on Flow Line PSI 1600
			3:45-4:00	Drlg 8 3/4 Hole. Gel 11 sec Cellex 1 Sk

DAY WORK THIS TOUR; ____ HRS. WITH DRILL PIPE ____ HRS. WITHOUT DRILL PIPE ____ HRS. STANDBY

ON TOUR 4:00 P M TO 12:00 P M DRILLER:

FORMATION	FROM	TO	REMARKS	
	4038	4130	4:00-6:30	Drlg 8 3/4 Hole
			6:30-6:45	Rig Serv.
			6:45-7:00	W.L. Survey
* RIG TIME DATA	HOURS		7:00-12:00	Drlg 8 3/4 Hole

WOB-35-45
RPM-35
SPM-60
PSI-1600

DAY WORK THIS TOUR; ____ HRS. WITH DRILL PIPE ____ HRS. WITHOUT DRILL PIPE ____ HRS. STANDBY

CASING RECORD

SIZE	WT.	THDS.	JTS.	WHERE SET	AMOUNT RUN L.T.M. PULLED L.T.M.	TYPE	COND.	SK. CEMENT
13 3/8	48	8R	10	322 K.B.	304.35	S&L K-55 ST&C	New	1300
9 5/8	36	8R	39	1201 K.B.	1204.14	Mann K-55 ST&C	New	676

MUD TESTS

TOUR	MORN	DAY	EVE
WT.	9.0	9.0	9.0
VIS.	36	35	38
W.L.	9.0	7.0	6.4
PH.	9.0	8.0	8.5
F.C.	2/32	2/32	2/32

SLOPE TESTS

DEPTH	DEGREE OFF
3978	1 1/2
4010	3/4
4019	3/4
4067	3/4

BIT DATA

NO	7	RR # 6
DEPTH IN	3821	4019
SIZE	8 3/4	8 3/4
MFG.	Sec	H W
TYPE	DMJ	J 33
SER. NO.	320470	LL444

DEPTH PREVIOUS REPORT 3963 FT. DEPTH THIS REPORT 4130 FT. GAS USED ____ HRS. WATER USED ____ BBLS HRS

TOTAL DAY WORK THIS 24 HRS; ____ HRS. WITH DRILL PIPE ____ HRS. WITHOUT DRILL PIPE ____ HRS. STANDBY

SIGNED [signature] FOREMAN CHECKED ____ SUPERINTENDENT

* Show total hours each tour for Drilling, Coring, DST, Logging, Shut Down, Running Casing, WOC, Completing, Loss Circulation, etc.
Under REMARKS; Describe fully all shows Oil, Gas and Water, cause of Shut Down, Fishing Jobs, Casing Jobs, Steel line correction and all pertinent information not show elsewhere on report.

PRINTED IN U.S.A.

FORM 16-38-265

SKELLY OIL COMPANY
DRILLERS REPORT

CONFIDENTIAL

LEASE NAME Skelly Grove Amoco Ft McPherson WELL NO. C-78 DATE May 7/72

CONTRACTOR S&T Drlg (Western) Co Ltd Rig 1E KIND OF TOOLS Rotary

ON TOUR: 12:00 P M. TO 8:00 A M DRILLER: L. Armstrong

FORMATION	FROM	TO	REMARKS	#7	#6
	3809	3831	12:00 - 12:45 - Drlg 8 3/4 Hole	WOB	35M - 28M
			12:45 - 1:00 - W.L. Survey	RPM	45 - 38
			1:00 - 1:15 - Rig Service	SPM	60 - 63
* RIG TIME DATA		HOURS	1:15 - 2:00 - Drlg 8 3/4 Hole	PSI	1400 - 1600
			2:00 - 3:45 - Hoist For Deviation Bit		
			3:45 - 5:00 - Lay Down Short DC, Shock Sub & 6 Pt Rmr - Change Position Of Stab'd 3 Pt Rmr		
			5:00 - 6:45 - Run In W/ Bit #7		
			6:45 - 8:00 - Drlg 8 3/4 Hole	Bit #6 - T-1 B-1 G-1	

DAY WORK THIS TOUR: _____ HRS WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ HRS. STANDBY

ON TOUR _____ M TO _____ M DRILLER: R. Hurley

FORMATION	FROM	TO	REMARKS	
	3831	3897	8:00 - 10:15 Drlg 8 3/4 Hole	WOB. 35-32
			10:15 - 10:30 Rig Serv / Kelly Cock	RPM. 48
			10:30 - 10:45 W.L. Survey	SPM. 60
* RIG TIME DATA		HOURS	10:45 - 1:45 Drlg 8 3/4 Hole	PSI 1400
			1:45 - 2:00 W.L. Survey	
			2:00 - 4:00 Drlg 8 3/4 Hole	
			Gel 11 Sx.	

DAY WORK THIS TOUR: _____ HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ HRS. STANDBY

ON TOUR 4:00 P M TO 12:00 P M DRILLER:

FORMATION	FROM	TO	REMARKS	
	3897	3963	4:00 - 5:45 Drlg 8 3/4 Hole	WOB - 32 M
			5:45 - 6:00 Rig Serv.	RPM - 48
			6:00 - 6:15 W.L. Survey	SPM - 60
* RIG TIME DATA		HOURS	6:15 - 12:00 Drlg 8 3/4 Hole	PSI - 1400

DAY WORK THIS TOUR: _____ HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ HRS. STANDBY

CASING RECORD

SIZE	WT.	THDS.	JTS.	WHERE SET	AMOUNT RUN L.T.M. PULLED L.T.M.	TYPE	COND.	SK. CEMENT
13 3/8	48	8R	10	322 K.B	304.35	~~H-40~~ S&L K-55 ST&C	New	1300
9 5/8	36	8R	39	1201 K.B	1204.14	Mann K-55 ST&C	New	676

MUD TESTS

TOUR	MORN	DAY	EVE
WT.	9.0		9.0
VIS.	40		38
W.L.	7.7		6.8
PH.	8.5		8.5
F.C.	2/32		2/32

SLOPE TESTS

DEPTH	DEGREE OFF
3815	2°
3851	1 3/4
3840	1 3/4
3913	1 1/4

BIT DATA

NO	6	7
DEPTH IN	3719	3821
SIZE	8 3/4	8 3/4
MFG.	H.W	SEC
TYPE	J33	DMJ
SER. NO.	LL944	320470

DEPTH PREVIOUS REPORT 3801 FT. DEPTH THIS REPORT 3963 FT. GAS USED _____ HRS. WATER USED _____ BBLS HRS

TOTAL DAY WORK THIS 24 HRS; _____ HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ HRS. STANDBY

SIGNED A.S. Roberts FOREMAN CHECKED _____ SUPERINTENDENT

* Show total hours each tour for Drilling, Coring, DST, Logging, Shut Down, Running Casing, W.O.C, Completing, Loss Circulation, etc.
Under REMARKS; Describe fully all shows Oil, Gas and Water, cause of Shut Down, Fishing Jobs, Casing Jobs, Steel line correction and all pertinent information not show elsewhere on report.

PRINTED IN U.S.A.

FORM 16-36-865

SKELLY OIL COMPANY
DRILLERS REPORT

LEASE NAME Skelly Getty Arbuckle Ft McPherson WELL NO. C-78 DATE May 6/72
CONTRACTOR Sut Drlg (Western) Co Ltd Rig 1E KIND OF TOOLS Rotary

ON TOUR: 12⁰⁰ P M. TO 8⁰⁰ A M DRILLER: B. Armstrong

FORMATION	FROM	TO	REMARKS
	3690	3719	12⁰⁰-2¹⁵ - Drlg 8 3/4 Hole
			2¹⁵-2³⁰ - W.L. Survey
			2³⁰-2⁴⁵ - Rig Service
* RIG TIME DATA		HOURS	2⁴⁵-3³⁰ - Drlg 8 3/4 Hole
			3³⁰-4⁴⁵ - Hoist Bit #5
			4⁴⁵-8⁰⁰ - Check All DCs, Subs & Reamers w/ Tuboscope
			Bit #5 - 1194' in 98 Hrs Cond T-4 B-2 G-1

WOB - 32 M
RPM - 35
SPM - 60
PSI - 1600

DAY WORK THIS TOUR: _____ HRS WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ HRS. STANDBY

ON TOUR M TO M DRILLER: R. Hardy

FORMATION	FROM	TO	REMARKS
	3719	3732	8⁰⁰-10³⁰ Finished Tubescope DCs & Subs
			10³⁰-11⁴⁵ Changed All Cutters in Stb. Reamers
			11⁴⁵-12³⁰ Run in w/ DC, picked up
* RIG TIME DATA		HOURS	12³⁰-1⁰⁰ Slip 23' of D Line
			1⁰⁰-1⁴⁵ - Run in w/ Bit #5
			1⁴⁵-2³⁰ - Clean 30' To Bottom
			2³⁰-4⁰⁰ Drlg 8 3/4 Hole

DAY WORK THIS TOUR: _____ HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ HRS. STANDBY

ON TOUR M TO M DRILLER:

FORMATION	FROM	TO	REMARKS
	3732	3809	4⁰⁰-6³⁰ Drlg 8 3/4 Hole.
			6³⁰-6⁴⁵ Survey
			6⁴⁵-9³⁰ Drlg 8 3/4 Hole
* RIG TIME DATA		HOURS	9³⁰-9⁴⁵ - W.L. Survey
			9⁴⁵-12⁰⁰ - Drlg 8 3/4 Hole

WOB - 24 M
RPM - 35
PSI - 1600
SPM - 63

Gel 5 Sax
Colles 2 Sax
Caustic 1 Sax

DAY WORK THIS TOUR: _____ HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ HRS. STANDBY

CASING RECORD

SIZE	WT.	THDS.	JTS.	WHERE SET	AMOUNT RUN L.T.M. PULLED L.T.M.	TYPE	COND.	SK. CEMENT
13 3/4	48	8R	10	322 KB	304.35	Sel K-55 ST&C	New	1300
9 5/8	36	8R	39	1201 K.B	1204.14	Mann K-55 ST&C	New	676

MUD TESTS

TOUR	MORN	DAY	EVE
WT.	9.0		9.0
VIS.	38		42
W.L.	7.2		6.0
PH.	8.5		8.5
F.C.	2/32		2/32

SLOPE TESTS

DEPTH	DEGREE OFF
3710	1 3/4
3751	1 3/4
3789	1 3/4

BIT DATA

NO	5	6
DEPTH IN	2525	3719
SIZE	8 3/4	8 3/4
MFG.	I.W	HW
TYPE	J33	J33
SER. NO.	KN571	LL944

DEPTH PREVIOUS REPORT 3719 FT. DEPTH THIS REPORT 3809 FT. GAS USED _____ HRS. WATER USED _____ BBLS HRS

TOTAL DAY WORK THIS 24 HRS; _____ HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ HRS. STANDBY

SIGNED _____ FOREMAN CHECKED _____ SUPERINTENDENT

* Show total hours each tour for Drilling, Coring, DST, Logging, Shut Down, Running Casing, WOC, Completing, Loss Circulation, etc.
Under REMARKS, Describe fully all shows Oil, Gas and Water, cause of Shut Down, Fishing Jobs, Casing Jobs, Steel line correction and all pertinent information not show elsewhere on report.

PRINTED IN U.S.A.

FORM 16-38-865

SKELLY OIL COMPANY
DRILLERS REPORT

LEASE NAME Skelly Getty Amoco Ft McPherson WELL NO. C-78 DATE May 5/72

CONTRACTOR Sat Disg (Western) Co Ltd Rig 1 E KIND OF TOOLS Rotary

ON TOUR: 12⁰⁰ P M. TO 8⁰⁰ A M DRILLER: B Armstrong

FORMATION	FROM	TO	REMARKS	
	3460	3537	12⁰⁰-12¹⁵ -W.L. Survey	WOB-32 M
			12¹⁵-12³⁰ -Rig Service	RPM-35
			12³⁰-6³⁰ -Drlg 8¾ Hole	SPM-60
* RIG TIME DATA		HOURS	6³⁰-6⁴⁵ -W.L. Survey	PSI-1600
			6⁴⁵-8⁰⁰ -Drlg 8¾ Hole	
			Mixed-Gel-17 Sax	

DAY WORK THIS TOUR: _____ HRS WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ HRS. STANDBY

ON TOUR M TO M DRILLER: R. Hanby

FORMATION	FROM	TO	REMARKS	
	3537	3617	8⁰⁰-8³⁰ Drlg 8¾ Hole	WOB-32m
			8³⁰-8⁴⁵ Rig Serv-BOP	RPM-35
			8⁴⁵-12⁴⁵ Drlg 8¾ Hole	SPM-60
* RIG TIME DATA		HOURS	12⁴⁵-1⁰⁰ W.L. Survey	PSI-1600
			1⁰⁰-4⁰⁰ Drlg 8¾ Hole	
			Gel 30 Sax	

DAY WORK THIS TOUR: _____ HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ HRS. STANDBY

ON TOUR 4⁰⁰ P M TO 12⁰⁰ P M DRILLER:

FORMATION	FROM	TO	REMARKS	
	3617	3690	4⁰⁰-4⁴⁵ - Rig Serv.	W.O.B-32M
			4¹⁵-6⁴⁵ Drlg 8¾ Hole	RPM-35
			6⁴⁵-7¹⁵ W.L. Survey	SPM-60
* RIG TIME DATA		HOURS	7¹⁵-12⁰⁰ Drlg 8¾ Hole	PSI-1600

DAY WORK THIS TOUR: _____ HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ HRS. STANDBY

CASING RECORD

SIZE	WT.	THDS.	JTS.	WHERE SET	AMOUNT RUN L.T.M. PULLED L.T.M.	TYPE	COND.	SK. CEMENT
13⅜	48	8R	10	322 K.B	304.35	S&L K-55 ST&C	New	1300
9⅝	36	8R	39	1201 K.B	1204.14	Mann K-55 ST&C	New	676

MUD TESTS

TOUR	MORN	DAY	EVE
WT.	9.0		9.0
VIS.	40		42
W.L.	7.2		6.4
PH.	8.5		8.5
F.C.	3/32		3/32

SLOPE TESTS

DEPTH	DEGREE OFF
3462	1⅝
3525	1½
3548	1½
3648	1⅝

BIT DATA

NO	5		
DEPTH IN	2525		
SIZE	8¾		
MFG.	H.W		
TYPE	J33		
SER. NO.	KN571		

DEPTH PREVIOUS REPORT 3617 FT. DEPTH THIS REPORT 3690 FT. GAS USED _____ HRS. WATER USED _____ BBLS HRS

TOTAL DAY WORK THIS 24 HRS; _____ HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ HRS. STANDBY

SIGNED _____ FOREMAN CHECKED _____ SUPERINTENDENT

* Show total hours each tour for Drilling, Coring, DST, Logging, Shut Down, Running Casing, WOC, Completing, Loss Circulation, etc.
Under REMARKS, Describe fully all shows Oil, Gas and Water, cause of Shut Down, Fishing Jobs, Casing Jobs, Steel line correction and all pertinent information not show elsewhere on report.

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...L COMPANY
...LERS REPORT

...T. McPHERSON WELL NO. C-78 DATE MAY 4/72
...AN) Co. LTD. RIG IE KIND OF TOOLS ROTARY

...TO 8:00 A M DRILLER: B. Anstey

FORMATION	FROM	TO	REMARKS
	3220	3304	17:00-2:15 - DRLG 8 3/4 HOLE
			2:15-2:30 - RIG SERVICE
			2:30-8:00 - DRLG 8 3/4 HOLE

WOB - 35M
RPM - 35
PSI - 1600
SPM - 60

* RIG TIME DATA	HOURS

MIXED - GEL - 16 SAX

DAY WORK THIS TOUR: ____ HRS WITH DRILL PIPE ____ HRS WITHOUT DRILL PIPE ____ HRS. STANDBY

ON TOUR ... M TO ... M DRILLER: R. Hanby

FORMATION	FROM	TO	REMARKS
	3304	3386	8:00-8:15 Rig Servv BOPs
			8:15-8:30 W.L. Survey
			8:30-4:00 Drlg 8 3/4 Hole

WOB. 35m
RPM. - 35
PSI - 1600
SPM - 60

* RIG TIME DATA	HOURS

Gellex 1SAX
Caustic 1SAX
Gel

DAY WORK THIS TOUR: ____ HRS. WITH DRILL PIPE ____ HRS. WITHOUT DRILL PIPE ____ HRS. STANDBY

ON TOUR 4:00 P M TO 12:00 P M DRILLER:

FORMATION	FROM	TO	REMARKS
	3386	3460	4:00-5:15 Drlg 8 3/4 Hole
			5:15-5:30 W.L. Survey
			5:30-5:45 Rig Serv.
			5:45-6:00 Work on Shock hose
			6:00-12:00 - DRLG 8 3/4 HOLE

* RIG TIME DATA	HOURS

WOB - 32 M
RPM - 35
SPM - 55
PSI - 1600

DAY WORK THIS TOUR: ____ HRS. WITH DRILL PIPE ____ HRS. WITHOUT DRILL PIPE ____ HRS. STANDBY

CASING RECORD

SIZE	WT.	THDS.	JTS.	WHERE SET	AMOUNT RUN L.T.M. PULLED L.T.M.	TYPE	COND.	SK. CEMENT
13 3/4	48	8R	10	322 K.B	304.35	S&L K-55 ST&C	NEW	1300
9 5/8	36	8R	39	1201 K.B	1204.14	MANN K-55 ST&C	NEW	676

MUD TESTS

TOUR	MORN	DAY	EVE
WT.	9.0	9.0	9.0
VIS.	40	37	38
W.L.	6.8	7.4	7.2
PH.	8.5	7.2	8.5
F.C.	3/32	3/32	3/32

SLOPE TESTS

DEPTH	DEGREE OFF
3304	1°
3398	1 1/2

BIT DATA

NO	5		
DEPTH IN	2525		
SIZE	8 3/4		
MFG.	H.W.		
TYPE	J33		
SER. NO.	KN571		

DEPTH PREVIOUS REPORT ____ FT. DEPTH THIS REPORT ____ FT. GAS USED ____ HRS. WATER USED ____ BBLS HRS

TOTAL DAY WORK THIS 24 HRS; ____ HRS. WITH DRILL PIPE ____ HRS. WITHOUT DRILL PIPE ____ HRS. STANDBY

SIGNED [signature] FOREMAN CHECKED ____ SUPERINTENDENT

* Show total hours each tour for Drilling, Coring, DST, Logging, Shut Down, Running Casing, WOC, Completing, Loss Circulation, etc. Under REMARKS; Describe fully all above Oil, Gas and Water, cause of Shut Down, Fishing Jobs, Casing Jobs, Steel line correction and all pertinent information not show elsewhere on report.

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FORM 16-38-865

SKELLY OIL COMPANY
DRILLERS REPORT

LEASE NAME Skelly-Getty Amoco F. McPherson WELL NO. C-78 DATE May 3/72

CONTRACTOR Sat Drlg (Western) Co Ltd. Rig 1E KIND OF TOOLS Rotary

ON TOUR: 12⁰⁰ P M TO 8⁰⁰ A M DRILLER: B. Armstrong

FORMATION	FROM	TO	REMARKS	
	2941	3050	12⁰⁰-1¹⁵ - Drlg 8¾ Hole	WOB - 35M
			1¹⁵ - 1³⁰ - W.L. Survey	R.P.M - 35
			1³⁰ - 1⁴⁵ - Rig Service	SPM - 60
* RIG TIME DATA		HOURS	1⁴⁵ - 8⁰⁰ - Drlg 8¾ Hole	PSI - 1600
			Mixed - Gel - 16 Sax	
			Caustic - 1 Sack	

DAY WORK THIS TOUR: _____ HRS WITH DRILL PIPE _____ HRS WITHOUT DRILL PIPE _____ HRS. STANDBY

ON TOUR M TO M DRILLER: R. Hanley

FORMATION	FROM	TO	REMARKS	
	3050	3145	8⁰⁰-8³⁰ - Drlg 8¾ Hole	WOB 35m
			8³⁰-8⁴⁵ - Rig Serv. & BOP	RPM - 35
			8⁴⁵-9⁰⁰ - W.L. Survey	SPM - 60
* RIG TIME DATA		HOURS	9⁰⁰-4⁰⁰ Drlg 8¾ Hole	PSI - 1600
			Gel 32 Sax	

DAY WORK THIS TOUR: _____ HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ HRS. STANDBY

ON TOUR 4⁰⁰ P M TO 12⁰⁰ P M DRILLER:

FORMATION	FROM	TO	REMARKS	
	3145	3220	4⁰⁰-4¹⁵ Drlg 8¾ Hole	WOB 32m - 35M
			4¹⁵-4³⁰ Rig Serv. & BOPs	RPM - 40 - 35
			4³⁰-4⁴⁵ W.L. Survey	SPM - 60
* RIG TIME DATA		HOURS	4⁴⁵-10⁴⁵ Drlg 8¾ Hole	PSI - 1600
			10⁴⁵-11⁰⁰ - C.P. Survey	
			11⁰⁰-12⁰⁰ - Drlg 8¾ Hole	

DAY WORK THIS TOUR: _____ HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ HRS. STANDBY

CASING RECORD

SIZE	WT.	THDS.	JTS.	WHERE SET	AMOUNT RUN L.T.M. PULLED L.T.M.	TYPE	COND.	SK. CEMENT
13⅜	48	8R	10	322 K.B	304.35	S&L K-55 ST&C	New	1300
9⅝	36	8R	39	1201 K.B	1204.14	Mann K-55 ST&C	New	676

MUD TESTS

TOUR	MORN	DAY	EVE
WT.	9.0	9.1	9.0
VIS.	35	40	39
W.L.	9.2	8.6	6.4
PH.	8.5	7.0	8.5
F.C.	2/32	2/32	2/32

SLOPE TESTS

DEPTH	DEGREE OFF
2961	1°
3046	¾°
3134	1 ¼°
3212	1°

BIT DATA

NO	5		
DEPTH IN	2525		
SIZE	8¾		
MFG.	H.W.		
TYPE	J33		
SER. NO.	KN571		

DEPTH PREVIOUS REPORT _____ FT. DEPTH THIS REPORT _____ FT. GAS USED _____ HRS. WATER USED _____ BBLS HRS

TOTAL DAY WORK THIS 24 HRS: _____ HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ HRS. STANDBY

SIGNED _____ FOREMAN CHECKED _____ SUPERINTENDENT

* Show total hours each tour for Drilling, Coring, DST, Logging, Shut Down, Running Casing, WOC, Completing, Lose Circulation, etc.
Under REMARKS, Describe fully all shows Oil, Gas and Water, cause of Shut Down, Fishing Jobs, Casing Jobs, Steel line correction and all pertinent information not shown elsewhere on report.

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FORM 16-38-865

SKELLY OIL COMPANY
DRILLERS REPORT

LEASE NAME Skelly Getty Amoco F. McPherson WELL NO. C-78 DATE May 2/72

CONTRACTOR Sit Drlg (Western) Colo Rig 1E KIND OF TOOLS Rotary

ON TOUR: 12⁰⁰ P M. TO 8⁰⁰ A M DRILLER: B. Armstrong

FORMATION	FROM	TO	REMARKS	
	2612	2722	12⁰⁰-12¹⁵ - Rig Service	WOB-35 M
			12¹⁵-4⁴⁵ - Drlg 8¾ Hole	RPM-40
			4⁴⁵-5⁰⁰ - W.L Survey	SPM-60
* RIG TIME DATA	HOURS		5⁰⁰-8⁰⁰ - Drlg 8¾ Hole	PSI-1600
			Mixed - Gel - 22 Sax	
			Caustic - 2 Sax	

DAY WORK THIS TOUR: _____ HRS WITH DRILL PIPE _____ HRS WITHOUT DRILL PIPE _____ HRS. STANDBY

ON TOUR _____ M TO _____ M DRILLER: R. Hunt

FORMATION	FROM	TO	REMARKS	
	2722	2968	8.00-930 Drlg 8¾ Hole	WOB. - 35 m.
			930-945 R.S. Serv. & BOP's	RPM - 40
			945-10.00 W/L. Survey Misrun	SPM 60
* RIG TIME DATA	HOURS		10⁰⁰-12⁰⁰ Drlg 8¾ Hole	PSI 1600
			12⁰⁰-12¹⁵ W/L Survey	
			12¹⁵-4.00 Drlg 8¾ Hole.	
			Gel - 19 Sax	

DAY WORK THIS TOUR: _____ HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ HRS. STANDBY

ON TOUR 4⁰⁰ P M TO 12⁰⁰ P M DRILLER: _____

FORMATION	FROM	TO	REMARKS	
	2968	2941	4⁰⁰-4¹⁵ - Rig Serv. & Kelly Cock	
			4¹⁵-6¹⁵ - Drlg 8¾ Hole	
			6¹⁵-6³⁰ W/L Survey	W.O.B. - 35 M
* RIG TIME DATA	HOURS		6³⁰-12⁰⁰ - Drlg 8¾ Hole	RPM - 35
				SPM - 60
				PSI - 1600

DAY WORK THIS TOUR: _____ HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ HRS. STANDBY

CASING RECORD

SIZE	WT.	THDS.	JTS.	WHERE SET	AMOUNT RUN L.T.M. PULLED L.T.M.	TYPE	COND.	SK. CEMENT
13 3/8	48	8R	10	322 K.B	304.35	SHL K-55 ST&C	New	1300
9 5/8	36	8R	39	1201 K.B	1204.14	Mann K-55 ST&C	New	676

MUD TESTS				SLOPE TESTS		BIT DATA			
TOUR	MORN	DAY	EVE	DEPTH	DEGREE OFF	NO	5		
WT.	9.0		9.0	2679	3/4	DEPTH IN	2525		
VIS.	50		38	2763	3/4	SIZE	8 3/4		
W.L.	6.4		6.6	2958	1	MFG.	H.W		
PH.	9.0		8.0			TYPE	J-33		
F.C.	2/32		3/32			SER. NO.	KN 571		

DEPTH PREVIOUS REPORT 2612 FT. DEPTH THIS REPORT 2941 FT. GAS USED _____ HRS. WATER USED _____ BBLS HRS

TOTAL DAY WORK THIS 24 HRS: _____ HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ HRS. STANDBY

SIGNED _____ CHECKED _____

FOREMAN SUPERINTENDENT

* Show total hours each tour for Drilling, Coring, DST, Logging, Shut Down, Running Casing, WOC, Completing, Loss Circulation, etc. Under REMARKS, Describe fully all shows Oil, Gas and Water, cause of Shut Down, Fishing Jobs, Casing Jobs, Steel line correction and all pertinent information not show elsewhere on report.

FORM 16-38-865 PRINTED IN U.S.A.

SKELLY OIL COMPANY
DRILLERS REPORT

LEASE NAME Skelly Getty Amoco F. McPherson WELL NO. C-75 DATE May 1/72
CONTRACTOR Sft Drlg (Western) Co Ltd Rig 1E KIND OF TOOLS Rotary

ON TOUR: 12⁰⁰ P M. TO 8⁰⁰ A M DRILLER: B. Armstrong

FORMATION	FROM	TO	REMARKS	
	2381	2469	12⁰⁰-1⁰⁰ - Time Corr To U.S. Time	WOB-35 M
			1³⁰-3¹⁵ - Drlg 8¾ Hole	RPM-48
			3¹⁵-3³⁰ - W.L. Survey	SPM-60
* RIG TIME DATA	HOURS		3³⁰-3⁴⁵ - Rig Service	PSI-1600
			3⁴⁵-8⁰⁰ - Drlg 8¾ Hole	
			Mixed - Gel - 60 Sax	
			Kee Gelex - 1 Sack	

DAY WORK THIS TOUR: ____ HRS WITH DRILL PIPE ____ HRS WITHOUT DRILL PIPE ____ HRS. STANDBY

ON TOUR ____ M TO ____ M DRILLER: R. Henly

FORMATION	FROM	TO	REMARKS
	2469	2525	4⁰⁰-4¹⁵ - Rig Serv + BOP & Kelly Cock
			4¹⁵-11⁴⁵ Drlg 8¾ Hole
			11⁴⁵-12⁰⁰ - Survey
* RIG TIME DATA	HOURS		12⁰⁰-2⁰⁰ - Drlg 8¾ Hole
			2⁰⁰-3³⁰ - Hoist For Bit - Lay Down Rmr & Stab.
			3³⁰-4⁰⁰ - Pick Up Short D.C. Rmrs & Stab.
			Mixed - Gel - 16 Sax
			Bit #4 - T-6 B-6 G-1

DAY WORK THIS TOUR: ____ HRS. WITH DRILL PIPE ____ HRS. WITHOUT DRILL PIPE ____ HRS. STANDBY

ON TOUR 4⁰⁰ P M TO 12⁰⁰ P M DRILLER:

FORMATION	FROM	TO	REMARKS	
	2525	2612	4⁰⁰-4¹⁵ - Rig Service	WOB-35 M
			4¹⁵-5³⁰ - Run In w/Bit #5	RPM-45-40
			5³⁰-5⁴⁵ - Clean 30' To Btm.	SPM-60
* RIG TIME DATA	HOURS		5⁴⁵-9⁴⁵ - Drlg 8¾ Hole	PSI-1600
			9⁴⁵-10⁰⁰ - W.L. Survey	
			10⁰⁰-12⁰⁰ - Drlg 8¾ Hole	

DAY WORK THIS TOUR: ____ HRS. WITH DRILL PIPE ____ HRS. WITHOUT DRILL PIPE ____ HRS. STANDBY

CASING RECORD

SIZE	WT.	THDS.	JTS.	WHERE SET	AMOUNT RUN L.T.M. PULLED L.T.M.	TYPE	COND.	SK. CEMENT
13⅜	48	8R	10	322 K.B	309.35	S&L K-55 ST&C	New	1200
7⅝	36	8R	39	1201 K.B.	1204.14	Mann K-55 ST&C	New	676

MUD TESTS

TOUR	MORN	DAY	EVE
WT.	9.0	9.0	9.0
VIS.	35	40	45
W.L.	9.2	6.2	
PH.	8.0	8.0	
F.C.	2/32	2/32	

SLOPE TESTS

DEPTH	DEGREE OFF
2411	1/2
2495	3/4
2555	3/4

BIT DATA

NO	4	5
DEPTH IN	2251	2525
SIZE	8¾	8¾
MFG.	Sec	H.W.
TYPE	DSJ	J33
SER. NO.	911087	KN571

DEPTH PREVIOUS REPORT 2251 FT. DEPTH THIS REPORT 2612 FT. GAS USED ____ HRS. WATER USED ____ BBLS HRS

TOTAL DAY WORK THIS 24 HRS: ____ HRS. WITH DRILL PIPE ____ HRS. WITHOUT DRILL PIPE ____ HRS. STANDBY

SIGNED [signature] FOREMAN CHECKED [signature] SUPERINTENDENT

* Show total hours each tour for Drilling, Coring, DST, Logging, Shut Down, Running Casing, WOC, Completing, Loss Circulation, etc. Under REMARKS, Describe fully all shows Oil, Gas and Water, cause of Shut Down, Fishing Jobs, Casing Jobs, Steel line correction and all pertinent information not show elsewhere on report.

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FORM 16-36-865

SKELLY OIL COMPANY
DRILLERS REPORT

LEASE NAME Skelly Getty Amoco Ft. McPherson WELL NO. C-75 DATE April 30/72

CONTRACTOR Sst Drlg (Western) Co Ltd Rig 1E KIND OF TOOLS Rotary

ON TOUR: 12⁰⁰ P M TO 8⁰⁰ A M DRILLER: B. Armstrong

FORMATION	FROM	TO	REMARKS	
	2222	2251	12⁰⁰-12¹⁵ - Rig Service	WOB-35
			12¹⁵-3⁰⁰ - Drlg 8¾ Hole	RPM-48
			3⁰⁰-3¹⁵ - Survey	SPM-60
* RIG TIME DATA	HOURS		3¹⁵-4¹⁵ - Hoist For Bit	PSI-1600
			4¹⁵-4⁴⁵ - w BOPs	
			4⁴⁵-5³⁰ - Pick Up 6 Point Rmr.	Bit #3 T-4 B-8 G-O
			5³⁰-6¹⁵ - Run In D.C's & Flex-Weight	Mixed-Gel-15 Sax
			6¹⁵-6⁴⁵ - Slip 23' Drlg Line	Cellex-2 Sax
			6⁴⁵-7¹⁵ - Run In Hole	
			7¹⁵-8⁰⁰ - Ream Undergage Hole	

DAY WORK THIS TOUR: ____ HRS WITH DRILL PIPE ____ HRS WITHOUT DRILL PIPE ____ HRS. STANDBY

ON TOUR ____ M TO ____ M DRILLER: F. Hanby

FORMATION	FROM	TO	REMARKS	
	2251	2277	8.00-10⁰⁰ Ream Undergage Hole	
			10.⁰⁰-11⁰⁰ Hoist For Bit #4	WOB-35
			11⁰⁰-11.¹⁵ Rig Serv. w BOP	RPM-48
* RIG TIME DATA	HOURS		11¹⁵-12.¹⁵ Run in w/ Bit #4	SPM-60
			12¹⁵-1.³⁰ Drlg 8¾ Hole	PSI-1600
			1³⁰-2⁴⁵ Changed Heads on #1 x2 Pumps	
			2⁴⁵-4⁰⁰ Drlg 8¾ Hole	

DAY WORK THIS TOUR: ____ HRS. WITH DRILL PIPE ____ HRS. WITHOUT DRILL PIPE ____ HRS. STANDBY

ON TOUR 4⁰⁰ P M TO 12⁰⁰ P M DRILLER:

FORMATION	FROM	TO	REMARKS	
	2277	2361	4⁰⁰-4³⁰- Drlg 8¾ Hole	WOB-35M
			4³⁰-4⁴⁵ - Rig Service W.O.B. 35	RPM-48
			4⁴⁵-6⁴⁵ Drlg 8¾ Hole. RPM 45	SPM-60
* RIG TIME DATA	HOURS		6.⁴⁵-7.⁰⁰ Wl Survey	SPM LOPSI-1600
			7⁰⁰-12⁰⁰ Drlg 8¾ Hole	PSI-1600
			Gel. 10 SAX	

DAY WORK THIS TOUR: ____ HRS. WITH DRILL PIPE ____ HRS. WITHOUT DRILL PIPE ____ HRS. STANDBY

CASING RECORD

SIZE	WT.	THDS.	JTS.	WHERE SET	AMOUNT RUN L.T.M. PULLED L.T.M.	TYPE	COND.	SK. CEMENT
13⅜	48	8R	10	322 K.B	304.35	S&L K-55 ST&C	New	1300
9⅝	36	8R	39	1201 K.B.	1204.14	Mann K-55 ST&C	New	676

MUD TESTS

TOUR	MORN	DAY	EVE
WT.	9.1	9.1	9.0
VIS.	39	40	35
W.L.			8.6
PH.	8.5	8.0	8.0
F.C.			2/32

SLOPE TESTS

DEPTH	DEGREE OFF
2251	1°
2306	1°

BIT DATA

NO	3	RR #1	4
DEPTH IN	1786		2251
SIZE	8¾	8¾	8¾
MFG.	Sec	H.W.	Sec
TYPE	DSJ	X1G	DSJ
SER. NO.	911447	37439	911087

DEPTH PREVIOUS REPORT 2222 FT. DEPTH THIS REPORT 2361 FT. GAS USED ____ HRS. WATER USED ____ BBLS HRS

TOTAL DAY WORK THIS 24 HRS; ____ HRS. WITH DRILL PIPE ____ HRS. WITHOUT DRILL PIPE ____ HRS. STANDBY

SIGNED G. Kelley CHECKED ____

FOREMAN SUPERINTENDENT

* Show total hours each tour for Drilling, Coring, DST, Logging, Shut Down, Running Casing, WOC, Completing, Loss Circulation, etc. Under REMARKS, Describe fully all above Oil, Gas and Water, cause of Shut Down, Fishing Jobs, Casing Jobs, Steel line correction and all pertinent information not show elsewhere on report.

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FORM 16-38-865

SKELLY OIL COMPANY
DRILLERS REPORT

LEASE NAME Skelly Getty Amoco F McPherson WELL NO. C-78 DATE April 29/72
CONTRACTOR Sgt Drlg (Western) Co Ltd Rig 1E KIND OF TOOLS Rotary

ON TOUR: 12⁰⁰ P M. TO 8⁰⁰ A M DRILLER: B. Armstrong

FORMATION	FROM	TO	REMARKS
	2003	2034	12⁰⁰-12¹⁵ - W.L. Survey
			12¹⁵-12³⁰ - Rig Service
			12³⁰-4³⁰ - Hamp To Recover Survey & Unplug Jet
* RIG TIME DATA	HOURS		4³⁰-6⁰⁰ - Work On Mud Line
			6⁰⁰-8⁰⁰ - Drlg 8 3/4 Hole WOB-35 M
			RPM-48
			Mixed-6 Sax Gel SPM-60
			PSI-1600

DAY WORK THIS TOUR; _____ HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ HRS. STANDBY

ON TOUR M TO M DRILLER: R. Kelly

FORMATION	FROM	TO	REMARKS
	2034	2133	8⁰⁰-8¹⁵ Rig Service BOPs WOB-35M
			8¹⁵-8³⁰ W.L. Survey RPM-48
			8³⁰-10³⁰ Drlg 8 3/4 Hole SPM-60
* RIG TIME DATA	HOURS		10³⁰-10⁴⁵ W.L. Survey PSI-1600
			10⁴⁵-3⁰⁰ Drlg 8 3/4 Hole.
			3⁰⁰-3¹⁵ W.L. Survey
			3¹⁵-4⁰⁰ Drlg 8 3/4 Hole
			Gel 50 SAX

DAY WORK THIS TOUR; _____ HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ HRS. STANDBY

ON TOUR M TO M DRILLER:

FORMATION	FROM	TO	REMARKS
	2133	2222	4⁰⁰-4⁴⁵ - Drlg 8 3/4 Hole WOB-35M
			4⁴⁵-5⁰⁰ Rig Serv. RPM-48
			5⁰⁰-5⁴⁵ Changed Shock Hose SPM-60
* RIG TIME DATA	HOURS		5⁴⁵-9¹⁵ - Drlg 8 3/4 Hole PSI-1600
			9¹⁵-9³⁰ - W.L. Survey
			9³⁰-12⁰³ - Drlg 8 3/4 Hole

DAY WORK THIS TOUR; _____ HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ HRS. STANDBY

CASING RECORD

SIZE	WT.	THDS.	JTS.	WHERE SET	AMOUNT RUN L.T.M. PULLED L.T.M.	TYPE	COND.	SK. CEMENT
13 3/8	48	8R	10	322 K.B	304.35	S&L-K-55 ST&C	NEW	1300
9 5/8	36	8R	39	1201 K.B	1204.14	Mann K-55 ST&C	NEW	676

MUD TESTS				SLOPE TESTS		BIT DATA			
TOUR	MORN	DAY	EVE	DEPTH	DEGREE OFF	NO	3		
WT.	9.2	9.1	9.2	2003	1°	DEPTH IN	1786		
VIS.	34	33	40	2034	1 1/4°	SIZE	8 3/4		
W.L.				2056	1/4°	MFG.	SEC		
PH.		9.9	8.5	2119	1°	TYPE	DSJ		
F.C.				2190	1 1/8°	SER. NO.	911447		

DEPTH PREVIOUS REPORT 2003 FT. DEPTH THIS REPORT 2222 FT. GAS USED _____ HRS. WATER USED _____ BBLS HRS

TOTAL DAY WORK THIS 24 HRS; 24 HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ HRS. STANDBY

SIGNED _____ FOREMAN CHECKED _____ SUPERINTENDENT

* Show total hours each tour for Drilling, Coring, DST, Logging, Shut Down, Running Casing, WOC, Completing, Loss Circulation, etc. Under REMARKS; Describe fully all shows Oil, Gas and Water, cause of Shut Down, Fishing Jobs, Casing Jobs, Steel line correction and all pertinent information not show elsewhere on report.

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FORM 16-38-865

SKELLY OIL COMPANY
DRILLERS REPORT

LEASE NAME Skelly Getty Amoco Ft. McPherson WELL NO. C-78 DATE April 28/72.

CONTRACTOR Sat Drlg (Western) Co Ltd Rig 1E KIND OF TOOLS Rotary

ON TOUR: 12⁰⁰ P M TO 8⁰⁰ A M DRILLER: B. Armstrong

FORMATION	FROM	TO	REMARKS
	1786		12⁰⁰-6⁰⁰ - Circ. - Wait On Fishing Tools
			- Work On Overshot
			6⁰⁰-8⁰⁰ - Hoist & Make Up Overshot

* RIG TIME DATA	HOURS

DAY WORK THIS TOUR: _____ HRS WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ HRS. STANDBY

ON TOUR M TO M DRILLER: Ft. Hanley

FORMATION	FROM	TO	REMARKS
	1786	1845	8⁰⁰-8⁴⁵ Run in w/ Over Shot
			8⁴⁵-9⁰⁰ Work Overshot
			9⁰⁰-10³⁰ Hoist out Slow.
			10³⁰-11⁴⁵ Layed down Overshot & Finish Hoisting D.C.
			12⁴⁵-12⁴⁵ Run in W/Bit #3.
			12⁴⁵-1.15 Broke Circ.
			1.15-2.30 Drlg. 8¾ Hole
			2³⁰-2⁴⁵ Wl Survey
			2⁴⁵-4⁰⁰ Drlg 8¾ Hole

* RIG TIME DATA	HOURS

WOB. 40 RPM. 45 SPM. 50 PSI 1600 Gel 12 SAX.

DAY WORK THIS TOUR: _____ HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ HRS. STANDBY

ON TOUR 4⁰⁰ P M TO 12⁰⁰ P M DRILLER:

FORMATION	FROM	TO	REMARKS
	1845	2003	4⁰⁰-4¹⁵ ~~Rig~~ Wl. Survey
			4¹⁵-4³⁰ Rig Serv. ~ BOPs.
			4³⁰-5⁴⁵ Drlg 8¾ Hole.
			5⁴⁵-6¹⁵ Wl. Survey
			6¹⁵-7³⁰ Drlg 8¾ Hole
			7³⁰-8.00 Wl. Survey
			8⁰⁰-10¹⁵ - Drlg 8¾ Hole
			10¹⁵-10⁴⁵ - W.L. Survey
			10⁴⁵-12⁰⁰ - Drlg 8¾ Hole

* RIG TIME DATA	HOURS

WOB-40M-35M RPM-48 SPM-50 PSI-1600 Mixed-12 Sax Gel

DAY WORK THIS TOUR: _____ HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ HRS. STANDBY

CASING RECORD

SIZE	WT.	THDS.	JTS.	WHERE SET	AMOUNT RUN L.T.M. PULLED L.T.M.	TYPE	COND.	SK. CEMENT
13⅜	48	8R	10	322 K.B	304.35	S&L K-55 ST&C	NEW	1300
9⅝	36	8R	39	1201 K.B.	1204.14	Mann. K-55 ST&C	NEW	676

MUD TESTS

TOUR	MORN	DAY	EVE
WT.	~~9.0~~	9.0	9.1
VIS.	~~34~~	34	34
W.L.			
PH.		11	9.0
F.C.		2/32	

SLOPE TESTS

DEPTH	DEGREE OFF
1803	1°
18.35	⅞
18.67	1°
18.98	1°
1972	1 3/8°

BIT DATA

NO	2	3
DEPTH IN	1538	1756
SIZE	8¾	8¾
MFG.	H.W	Sec.
TYPE	X1G	DSJ
SER. NO.	38410	911443

DEPTH PREVIOUS REPORT 1786 FT. DEPTH THIS REPORT 2003 FT. GAS USED _____ BBLS HRS. WATER USED _____ BBLS HRS

TOTAL DAY WORK THIS 24 HRS; _____ HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ HRS. STANDBY

SIGNED _____ FOREMAN CHECKED _____ SUPERINTENDENT

* Show total hours each tour for Drilling, Coring, DST, Logging, Shut Down, Running Casing, WOC, Completing, Loss Circulation, etc.
Under REMARKS, Describe fully all shows Oil, Gas and Water, cause of Shut Down, Fishing Jobs, Casing Jobs, Steel line correction and all pertinent information not show elsewhere on report.

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FORM 16-38-865

SKELLY OIL COMPANY
DRILLERS REPORT

LEASE NAME Skelly Getty Amoco Ft. McPherson WELL NO. C-78 DATE April 27/72

CONTRACTOR Sgt Drlg (Western) Co Ltd KIND OF TOOLS Rotary

ON TOUR: 12⁰⁰ P M TO 8⁰⁰ A M DRILLER: B. Armstrong

FORMATION	FROM	TO	REMARKS
	1594	1734	12⁰⁰-12¹⁵ - W.L. Survey
			12¹⁵-12³⁰ - Rig Service
			12³⁰-4⁰⁰ - Drlg 8¾ Hole
* RIG TIME DATA	HOURS		4⁰⁰-4¹⁵ - W.L. Survey
			4¹⁵-7¹⁵ - Drlg 8¾ Hole
			7¹⁵-7³⁰ - W.L. Survey
			7³⁰-8⁰⁰ - Drlg 8¾ Hole

WOB - 20M
RPM - 80
SPM - 70
PSI - 1600
Mixed - Gel - 30 Sxs

DAY WORK THIS TOUR: _____ HRS WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ HRS. STANDBY

ON TOUR _____ M TO _____ M DRILLER: K. Henley

FORMATION	FROM	TO	REMARKS
	1734	1786	8⁰⁰-8¹⁵ Rig Serv. & BOP.
			8¹⁵-11⁴⁵ Drlg. 8¾ Hole
			11⁴⁵-12¹⁵ Circ. To Hoist For Twist off
* RIG TIME DATA	HOURS		12¹⁵-1¹⁵ - Hoist for Twist off @ Jars.
			1¹⁵-2⁴⁵ Pick up Fishing Tool.
			2⁴⁵-3⁴⁵ Rwn in w/ Overshot
			3⁴⁵-4⁰⁰ Circ. above Fish. 5⁴⁵-6⁰⁰ Work on Overshot
			4⁰⁰-5⁰⁰ Working Overshot
			5⁰⁰-5⁴⁵ Hoist to Check Overshot

DAY WORK THIS TOUR: _____ HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ HRS. STANDBY

ON TOUR 4⁰⁰ P M TO 12⁰⁰ P M DRILLER:

FORMATION	FROM	TO	REMARKS
			4⁰⁰-5⁰⁰ - Working Overshot
			5⁰⁰-5⁴⁵ - Hoist To Check Over Shot
			5⁴⁵-8⁰⁰ - Work On Overshot
* RIG TIME DATA	HOURS		8⁰⁰-9⁰⁰ - Run In W/Speer
			9⁰⁰-10¹⁵ - Working Speer - Unable To Grab Fish
			10¹⁵-12⁰⁰ - Circ.

DAY WORK THIS TOUR: _____ HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ HRS. STANDBY

CASING RECORD

SIZE	WT.	THDS.	JTS.	WHERE SET	AMOUNT RUN L.T.M. PULLED L.T.M.	TYPE	COND.	SK. CEMENT
13⅜	48	8R	10	322 K.B.	304.35	Syl K-55 ST&C	NEW	1300
9⅝	36	8R	39	1201 K.B	1204.14	Mann K-55 ST&C	NEW	676

MUD TESTS

TOUR	MORN	DAY	EVE
WT.	9.0		
VIS.	38		
W.L.	28		
PH.	11.0		
F.C.	2/32		

SLOPE TESTS

DEPTH	DEGREE OFF
1606	1°
1670-1732	1⅞° - 1½°

BIT DATA

NO	2		
DEPTH IN	1533		
SIZE	8¾		
MFG.	H.W.		
TYPE	X:C		
SER. NO.	38410		

DEPTH PREVIOUS REPORT 1734 FT. DEPTH THIS REPORT 1786 FT. GAS USED _____ BBLS HRS. WATER USED _____ HRS

TOTAL DAY WORK THIS 24 HRS; 22 HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ HRS. STANDBY

SIGNED _____ FOREMAN CHECKED _____ SUPERINTENDENT

* Show total hours each tour for Drilling, Coring, DST, Logging, Shut Down, Running Casing, WOC, Completing, Loss Circulation, etc. Under REMARKS; Describe fully all shows Oil, Gas and Water, cause of Shut Down, Fishing Jobs, Casing Jobs, Steel line correction and all pertinent information not show elsewhere on report.

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FORM 16-38-845

SKELLY OIL COMPANY
DRILLERS REPORT

CONFIDENTIAL

LEASE NAME Skelly Getty Arnold & McPherson WELL NO. C-75 DATE April 26/72

CONTRACTOR Sgt Drlg (Western) Co. Ltd. KIND OF TOOLS Rotary

ON TOUR: M. TO M DRILLER:

FORMATION	FROM	TO	REMARKS

* RIG TIME DATA	HOURS

DAY WORK THIS TOUR: ____ HRS WITH DRILL PIPE ____ HRS. WITHOUT DRILL PIPE ____ HRS. STANDBY

ON TOUR 8:00 A M TO 4:00 P M DRILLER: B Armstrong

FORMATION	FROM	TO	REMARKS
	1393	1517	8:00 - 8:45 - Drlg 8 3/4 Hole — WOB - 20 M
			8:45 - 9:00 - W.L. Survey — RPM - 80
			9:00 - 9:15 - Rig Serv. - u BOP's & Kelly Cock. — SPM - 63
			9:15 - 1:00 - Drlg 8 3/4 Hole — PSI - 1600
			1:00 - 1:15 - W.L. Survey
			1:15 - 4:00 Drlg 8 3/4 Hole

* RIG TIME DATA	HOURS
Drill	7 1/4
Service	1/4
Survey	1/2

DAY WORK THIS TOUR: 8 HRS. WITH DRILL PIPE ____ HRS. WITHOUT DRILL PIPE ____ HRS. STANDBY

ON TOUR ____ M TO ____ M DRILLER: R. Hanley

FORMATION	FROM	TO	REMARKS
	1517	1594	4:00 - 5:15 Drlg 8 3/4 Hole — WOB - 15 M
			5:15 - 5:30 Survey @ 1570 — RPM - 80
			5:30 - 6:30 Hoist for P.T. — SPM - 70
			6:30 - 8:00 Picked up Stab. x Reamer. PSI - 1100
			8:00 - 9:00 Run in w/ Bit #2
			9:00 - 12:00 Drlg. 8 3/4 Hole
			Gel 10 Sak

* RIG TIME DATA	HOURS
Drill	11 1/4
Trip	2
Survey	1/2
Handle Tools	1/2

DAY WORK THIS TOUR: 8 HRS. WITH DRILL PIPE ____ HRS. WITHOUT DRILL PIPE ____ HRS. STANDBY

CASING RECORD

SIZE	WT.	THDS.	JTS.	WHERE SET	AMOUNT RUN L.T.M. PULLED L.T.M.	TYPE	COND.	SK. CEMENT
13 3/8	48	8R.	10	322 K.B.	304.35	S&L K-55 ST&C	NEW	1300
9 5/8	36	8R	39	1208 K.B	1204.14	Mann K-55 ST&C	NEW	676

MUD TESTS

TOUR	MORN	DAY	EVE
WT.		8.8	8.8
VIS.		28	29
W.L.			
PH.		12.5	12.5
F.C.			

SLOPE TESTS

DEPTH	DEGREE OFF
1406	5/8
1469	3/4
1530	1 1/4

BIT DATA

NO	1	2
DEPTH IN	1201	1533
SIZE	8 3/4	8 3/4
MFG.	H.W	H.W.
TYPE	X1G	X1G
SER. NO.	37439	38410

DEPTH PREVIOUS REPORT 1393 FT. DEPTH THIS REPORT 1517 FT. GAS USED ____ BBLS HRS. WATER USED ____ HRS

TOTAL DAY WORK THIS 24 HRS: ____ HRS. WITH DRILL PIPE ____ HRS. WITHOUT DRILL PIPE ____ HRS. STANDBY

SIGNED R. A. Mills FOREMAN CHECKED SUPERINTENDENT

* Show total hours each tour for Drilling, Coring, DST, Logging, Shut Down, Running Casing, W.O.C., Completing, Loss Circulation, etc. Under REMARKS: Describe fully all shows Oil, Gas and Water, cause of Shut Down, Fishing Jobs, Casing Jobs, Steel line correction and all pertinent information not show elsewhere on report.

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FORM 16-38-865

SKELLY OIL COMPANY
DRILLERS REPORT

CONFIDENTIAL

LEASE NAME Skelly Getty Amoco Ft. McPherson WELL NO. C-18 DATE April 25/72

CONTRACTOR H T Drlg (Western) Co. Ltd KIND OF TOOLS Rotary

ON TOUR: M. TO M DRILLER:

FORMATION	FROM	TO	REMARKS

* RIG TIME DATA	HOURS

DAY WORK THIS TOUR: ____ HRS WITH DRILL PIPE ____ HRS. WITHOUT DRILL PIPE ____ HRS. STANDBY

ON TOUR 8⁰⁰ A M TO 8⁰⁰ P M DRILLER: B. Armstrong

FORMATION	FROM	TO	REMARKS
	1201	1213	5⁵⁰-8⁵⁰ - Drlg Out Cement
			5³⁰-6⁴⁵ - Rig Service - ✓ Kelly Cock
			8⁴⁵-4⁰⁰ - Drlg Out Cement

* RIG TIME DATA	HOURS
Drill Out	9 3/4
Service	1/4
Pressure Test	1/4
Clean Tanks	1
Drill	3/4

4⁰⁰-4¹⁵ - Pres. Pipe Rams & Hydril To 1000 P.S.I - OK.
4¹⁵-6¹⁵ - Drill Out Float & Shoe
6¹⁵-7¹⁵ - Clean Tanks & Displace Hole - Pres Foam. To 200 PSI - OK
7¹⁵-8⁰⁰ - Drlg 8 3/4 Hole

DAY WORK THIS TOUR: 12 HRS. WITH DRILL PIPE ____ HRS. WITHOUT DRILL PIPE ____ HRS. STANDBY

ON TOUR 8·00 P. M TO 8·00 A-M DRILLER: W. H. Smith

FORMATION	FROM	TO	REMARKS
	1213	1393	8·00 - 8·15 - Service Rig
			8·15 - 11·45 - Drlg 7 3/4 Hole
			11·45 - 12·00 - W.L Survey

W.O.B. 20m.
R.P.M. 60 - 90
P.S.I. 1600
S.P.M. 64

* RIG TIME DATA	HOURS
Service	1/4
Drill	10 1/2
Survey	1/4
Repair	3/4

12·00 - 12·15 - Service Rig
12·15 - 3·30 - Drlg.
3·30 - 3·45 - W.L Survey
3·45 - 4·30 - Work on Stand Pipe Union
4·30 - 8·00 - Drlg 7 3/4" Hole

Bi. Carb 500#
Soda Ash 600#

DAY WORK THIS TOUR: 24 HRS. WITH DRILL PIPE ____ HRS. WITHOUT DRILL PIPE ____ HRS. STANDBY

CASING RECORD

SIZE	WT.	THDS.	JTS.	WHERE SET	AMOUNT RUN L.T.M. / PULLED L.T.M.	TYPE	COND.	SK. CEMENT
13 3/8	48	8R	10	322. K.B.	304.35	S&L K-55 ST&C	NEW	1300
9 5/8	36	8R	39	1203. K.B	1204.14	Mann. K-55 ST&C	NEW	676

MUD TESTS

TOUR	MORN	DAY	EVE
WT.	8.5		8.4
VIS.	28		28
W.L.			
PH.	12.5		12.5
F.C.			

SLOPE TESTS

DEPTH	DEGREE OFF
1270	1/2°
1333	1/2°

BIT DATA

NO	1		
DEPTH IN	1201		
SIZE	6 3/4		
MFG.	H.W		
TYPE	X I G		
SER. NO.	37439		

DEPTH PREVIOUS REPORT 1261 FT. DEPTH THIS REPORT 1393 FT. GAS USED ____ BBLS HRS. WATER USED ____ HRS

TOTAL DAY WORK THIS 24 HRS. 24 HRS. WITH DRILL PIPE ____ HRS. WITHOUT DRILL PIPE ____ HRS. STANDBY

SIGNED R. A. Mills FOREMAN CHECKED ____ SUPERINTENDENT

* Show total hours each tour for Drilling, Coring, DST, Logging, Shut Down, Running Casing, WOC, Completing, Loss Circulation, etc. Under REMARKS, Describe fully all shows Oil, Gas and Water, cause of Shut Down, Fishing Jobs, Casing Jobs, Steel line correction and all pertinent information not show elsewhere on report.

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FORM 16-38-865

SKELLY OIL COMPANY
DRILLERS REPORT

CONFIDENTIAL

LEASE NAME Skelly Getty Arnco Ft. McPherson WELL NO. C-78 DATE April 24/72

CONTRACTOR 59T Drlg (Western) Co. Ltd KIND OF TOOLS Rotary

ON TOUR: M. TO M DRILLER:

FORMATION	FROM	TO	REMARKS
			Checked Engine Shut-Offs - O.K.
			Checked Fire Extng. - & O.K.

* RIG TIME DATA	HOURS

DAY WORK THIS TOUR: ____ HRS WITH DRILL PIPE ____ HRS. WITHOUT DRILL PIPE ____ HRS. STANDBY

ON TOUR 8⁰⁰ A M TO 8⁰⁰ P M DRILLER: B. Armstrong

FORMATION	FROM	TO	REMARKS
			8⁰⁰-1⁰⁰ - W.O.C - Heading Up - Cemented Cellar w/25 SKX
			1⁰⁰-3⁰⁰ - Line Sump Bank w/Sawdust & Plastic

* RIG TIME DATA	HOURS
Head Up	5
Repair Sump Bank	7

DAY WORK THIS TOUR: ____ HRS. WITH DRILL PIPE 12 HRS. WITHOUT DRILL PIPE ____ HRS. STANDBY

ON TOUR 8⁰⁰ P.M TO 8⁰⁰ A.M DRILLER: W. H. Smith

FORMATION	FROM	TO	REMARKS
	1201		Line Sump Bank w/Sawdust
			8⁰⁰-9⁰⁰ Rig Up to Press Check
			9⁰⁰-11³⁰ Rig Up to Press Check
			11³⁰-12⁰⁰ Press Check Blind Rams 1000 PSI 15 Min.
			Press Test Manifold to 1000 PSI 15 Min.
			12⁰⁰-1⁰⁰ Steam out Manifold & Fill w/ Diesel Fuel
			1⁰⁰-2³⁰ Service Rig.
			2³⁰-3³⁰ Run in w/ Bit #1
			3³⁰-6⁰⁰ Thaw out Rat Hole
			6⁰⁰-6⁰⁰ Dang out Plug & Cement Cement at 1145'

* RIG TIME DATA	HOURS
Repair Sump Bank	1
Pressure Test	9¾
Service	¼
Drill Out	7

DAY WORK THIS TOUR: 1 HRS. WITH DRILL PIPE 5 HRS. WITHOUT DRILL PIPE ____ HRS. STANDBY

CASING RECORD

SIZE	WT.	THDS.	JTS.	WHERE SET	AMOUNT RUN L.T.M. PULLED L.T.M.	TYPE	COND.	SK. CEMENT
13⅜	48	8R	10	322 K.B	304.35	S&L K-55 ST&C	NEW	1300
9⅝	36	8R	39	1203 K.B	1204.14	MAWN. K-55 ST&C		676

MUD TESTS

TOUR	MORN	DAY	EVE
WT.			
VIS.			
W.L.			
PH.			
F.C.			

SLOPE TESTS

DEPTH	DEGREE OFF

BIT DATA

NO	1		
DEPTH IN	1201		
SIZE	9⅞		
MFG.	H.W		
TYPE	X16		
SER. NO.	37439		

DEPTH PREVIOUS REPORT 1201 FT. DEPTH THIS REPORT 1201 FT. GAS USED ____ HRS. WATER USED ____ BBLS HRS

TOTAL DAY WORK THIS 24 HRS; 7 HRS. WITH DRILL PIPE 17 HRS. WITHOUT DRILL PIPE ____ HRS. STANDBY

SIGNED R. A. Mills FOREMAN CHECKED ____ SUPERINTENDENT

* Show total hours each tour for Drilling, Coring, DST, Logging, Shut Down, Running Casing, WOC, Completing, Loss Circulation, etc. Under REMARKS: Describe fully all shows Oil, Gas and Water, cause of Shut Down, Fishing Jobs, Casing Jobs, Steel line correction and all pertinent information not show elsewhere on report.

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FORM 15-38-865

SKELLY OIL COMPANY
DRILLERS REPORT

CONFIDENTIAL

LEASE NAME Skelly Getty Amoco Ft. McPherson WELL NO. C-78 DATE April 23/72

CONTRACTOR SAT Drlg (Western) Co Ltd. KIND OF TOOLS Rotary

ON TOUR: M. TO M DRILLER:

FORMATION	FROM	TO	REMARKS

* RIG TIME DATA	HOURS

DAY WORK THIS TOUR: ____ HRS WITH DRILL PIPE ____ HRS WITHOUT DRILL PIPE ____ HRS. STANDBY

ON TOUR 8:00 A M TO 8:00 P M DRILLER: B. Armstrong

FORMATION	FROM	TO	REMARKS
			8:00 - 8:00 - W.O.C. - Clean Tanks - Remove Hydril
			- Cut Off Csg - Weld On Csg Bowl
			- Heading Up
			- String New Drlg Line

* RIG TIME DATA	HOURS
Head Up	12

DAY WORK THIS TOUR: ____ HRS. WITH DRILL PIPE 12 HRS. WITHOUT DRILL PIPE ____ HRS. STANDBY

ON TOUR 8:00 P.M TO 8:00 A.M DRILLER: W. A. Smith

FORMATION	FROM	TO	REMARKS
			8:00 - 8:00 W.O.C. Heading Up

* RIG TIME DATA	HOURS
Head Up	12

DAY WORK THIS TOUR: 12 HRS. WITH DRILL PIPE 12 HRS. WITHOUT DRILL PIPE ____ HRS. STANDBY

CASING RECORD

SIZE	WT.	THDS.	JTS.	WHERE SET	AMOUNT RUN L.T.M. PULLED L.T.M.	TYPE	COND.	SK. CEMENT
13 3/8	48	8R	10	322 K.B	304.35	SBL K-55 ST&C	NEW	1300
9 5/8	36	8R	34	1203 K.B	1204.14	K-55 ST&C Mann		676

MUD TESTS			
TOUR	MORN	DAY	EVE
WT.			
VIS.			
W.L.			
PH.			
F.C.			

SLOPE TESTS	
DEPTH	DEGREE OFF

BIT DATA			
NO			
DEPTH IN			
SIZE			
MFG.			
TYPE			
SER. NO.			

DEPTH PREVIOUS REPORT 1201 FT. DEPTH THIS REPORT 1201 FT. GAS USED ____ HRS. WATER USED ____ BBLS HRS

TOTAL DAY WORK THIS 24 HRS; ____ HRS. WITH DRILL PIPE 24 HRS. WITHOUT DRILL PIPE ____ HRS. STANDBY

SIGNED R. A. Hill CHECKED

FOREMAN SUPERINTENDENT

* Show total hours each tour for Drilling, Coring, DST, Logging, Shut Down, Running Casing, WOC, Completing, Loss Circulation, etc. Under REMARKS: Describe fully all shows Oil, Gas and Water, cause of Shut Down, Fishing Jobs, Casing Jobs, Steel line correction and all pertinent information not show elsewhere on report.

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FORM 16-38-865

SKELLY OIL COMPANY
DRILLERS REPORT

CONFIDENTIAL

LEASE NAME Skelly Getty Amoco Ft. McPherson WELL NO. C-78 DATE April 22/72

CONTRACTOR Sat Drlg (Western) Co Ltd KIND OF TOOLS Rotary

ON TOUR: M TO M DRILLER:

FORMATION	FROM	TO	REMARKS
			Ran 39 jts, 1204.19 ft of 9 5/8", 36#, K-55, S.T.&C., Mannesmann Csg., landed at 1203.39 ft. K.B.

* RIG TIME DATA	HOURS

9 5/8 Baker Guide Shoe 1.22
1 jt 9 5/8", 32.3#, H-40, S.T.&C. Mannesmann 40.61
9 5/8" Baker Float Collar 1.65
4 jts 9 5/8", 36#, K-55, S.T.&C., S&E 125.13
31 jts 9 5/8", 36#, K-55, S.T.&C., Mannesmann 1035.55
TOTAL 1204.14

DAY WORK THIS TOUR: ____ HRS WITH DRILL PIPE ____ HRS. WITHOUT DRILL PIPE ____ HRS. STANDBY

ON TOUR 5:00 A M TO 5:00 P M DRILLER: R. Armstrong

FORMATION	FROM	TO	REMARKS
	1170	1200	5:00-11:00 - Drlg 12 1/4 Hole — WOB. - 15 M
			11:00-2:30 - Circ & Cond. Mud To Log — RPM - 120
			2:30-3:15 - Wiper Trip — SPM - 55/55

* RIG TIME DATA	HOURS
Drill	3
Condition	4 3/4
Log	3
Trip	1 1/4

3:15-3:45 - Circ To Log — PSI - 1600
3:45-5:00 - Survey & Hoist To Log Tally depth 1201
5:00-7:45 - Rig To Log & Log w/Schlumberger. Bit 7A-2-3-1
7:45-8:00 - Rig Out Schlumberger. Mixed Cellex - 1 sack Gel - 35 sax

DAY WORK THIS TOUR: 12 HRS. WITH DRILL PIPE ____ HRS. WITHOUT DRILL PIPE ____ HRS. STANDBY

ON TOUR 8:00 P.M TO 8:00 A.M DRILLER: W. A. Smith

FORMATION	FROM	TO	REMARKS
			8:00-9:00 Rig up & Running Csg.
			9:00-9:30 Circ Csg
			9:30-6:00 Cementing w/ BJ.

* RIG TIME DATA	HOURS
Run & Cement Csg	10
W.O.C. & Clean Tanks	2

6:00-8:00 W.O.C.
Csg landed at 1202 K.B. T.D. Csg. 1203. K.B.
Cemented with 324 sax Permafrost cement
~~followed by 352 sax~~ followed by 352 sax Const. cement
+ 3% CaCl2. Start mix @04:30 23. Finish mix @05:20
Start displace @05:30 Finish displace @06:05

DAY WORK THIS TOUR: 12 HRS. WITH DRILL PIPE ____ HRS. WITHOUT DRILL PIPE ____ HRS. STANDBY

CASING RECORD

SIZE	WT.	THDS.	JTS.	WHERE SET	AMOUNT RUN L.T.M. PULLED L.T.M.	TYPE	COND.	SK. CEMENT
13 3/8	48	8R	10	322 K.B	307.35	SAL K-55 ST&C	Neo	1300

MUD TESTS

TOUR	MORN	DAY	EVE
WT.		9.9	
VIS.		83	
W.L.		8.0	
PH.		8.0	
F.C.			

SLOPE TESTS

DEPTH	DEGREE OFF
1200	5/8

BIT DATA

NO	7A		
DEPTH IN	1038		
SIZE	12 1/4		
MFG.	SEC		
TYPE	S4T-J		
SER. NO.	370117		

DEPTH PREVIOUS REPORT 1170 FT. DEPTH THIS REPORT 1201 FT. GAS USED ____ HRS. WATER USED ____ BBLS HRS

TOTAL DAY WORK THIS 24 HRS; 24 HRS. WITH DRILL PIPE ____ HRS. WITHOUT DRILL PIPE ____ HRS. STANDBY

SIGNED R. A. Mills FOREMAN CHECKED ____ SUPERINTENDENT

* Show total hours each tour for Drilling, Coring, DST, Logging, Shut Down, Running Casing, WOC, Completing, Loss Circulation, etc. Under REMARKS: Describe fully all shows Oil, Gas and Water, cause of Shut Down, Fishing Jobs, Casing Jobs, Steel line correction and all pertinent information not show elsewhere on report.

PRINTED IN U.S.A.

FORM 16-38-865

SKELLY OIL COMPANY
DRILLERS REPORT

CONFIDENTIAL

LEASE NAME Skelly Getty Amoco F. McPherson WELL NO. C-75 DATE April 21/22/72

CONTRACTOR SKT Drlg. (Western) Co. Ltd. KIND OF TOOLS Rotary

ON TOUR: M. TO M DRILLER:

FORMATION	FROM	TO	REMARKS

* RIG TIME DATA	HOURS	
		BIT # 6A, 12¼", H-W, OSC-3A, RETIP DRILLED
		290 FT IN 27¾ HRS @ 100 RPM & 20M#
		CONDITION 1-6-I

DAY WORK THIS TOUR: ____ HRS WITH DRILL PIPE ____ HRS. WITHOUT DRILL PIPE ____ HRS. STANDBY

ON TOUR 8:00 AM TO 8:00 PM DRILLER: F. Armstrong

FORMATION	FROM	TO	REMARKS
	976	1059	8:00 - 8:15 - W. L. Survey
			8:15 - 8:30 - Rig Service
			8:30 - 3:15 - Drlg 12¼" Hole

* RIG TIME DATA	HOURS	
Survey	1/4	3:15 - 3:30 - Survey - Trip For Bit #7A
Service	1/2	3:30 - 5:30 - Rig Service
Drill	9	5:30 - 5:45 - Clean 5' To Btm
Trip	2 1/4	5:45 - 8:00 - Drlg 12¼" Hole

W.O.B. - 20M, 15M
R.P.M - 110, 120
PSI - 1300, 1600
SPM - #1-42-60, 55
Bit #6A - 4-6-1
Mixed - Caustic - 1 Sack

DAY WORK THIS TOUR: 12 HRS. WITH DRILL PIPE ____ HRS. WITHOUT DRILL PIPE ____ HRS. STANDBY

ON TOUR 8:00 PM TO 8:00 AM DRILLER: W. M. Lindsey

FORMATION	FROM	TO	REMARKS
	1059	1170	8:00-12:45 Drlg 12¼ Hole
			12:45-1:00 W.L. Survey
			1:00-1:15 Rig Service
			1:15-4:00 Drlg
			4:00-4:15 Work on Frozen Air Line
			4:15-7:15 Drlg
			7:15-7:30 W.L Survey
			7:30-8:00 Drlg.

* RIG TIME DATA	HOURS
Drill	11
Survey	1/2
Service	1/4
Repair	1/4

W.O.B. 15 M.
R.P.M 120
P.S.I. 1600
SPM #1-35 #2-55
Gel 23 Sax

DAY WORK THIS TOUR: 12 HRS. WITH DRILL PIPE ____ HRS. WITHOUT DRILL PIPE ____ HRS. STANDBY

CASING RECORD

SIZE	WT.	THDS.	JTS.	WHERE SET	AMOUNT RUN L.T.M. PULLED L.T.M.	TYPE	COND.	SK. CEMENT
13⅜	48	8R	10	322 K.B.	304.35	S&L K-55 ST&C	New	1300

MUD TESTS

TOUR	MORN	DAY	EVE
WT.	9.7	9.8	9.7
VIS.	45	43	38
W.L.			
PH.	9.0	8.5	9.0
F.C. TEMP.	80°	64°	78°

SLOPE TESTS

DEPTH	DEGREE OFF
976	5/8°
1038	7/8°
1092	3/4°
1156	3/4°

BIT DATA

NO	6A	7A
DEPTH IN	748	1038
SIZE	12¼	12¼
MFG.	H.W.	SEC
TYPE	OSC-3A K.T.	54T-J
SER. NO.	B.K. 508	370117

DEPTH PREVIOUS REPORT 976 FT. DEPTH THIS REPORT 1170 FT. GAS USED ____ BBLS HRS. WATER USED ____ HRS

TOTAL DAY WORK THIS 24 HRS. 24 HRS. WITH DRILL PIPE ____ HRS. WITHOUT DRILL PIPE ____ HRS. STANDBY

SIGNED R. A. Mills FOREMAN CHECKED ____ SUPERINTENDENT

* Show total hours each tour for Drilling, Coring, DST, Logging, Shut Down, Running Casing, WOC, Completing, Loss Circulation, etc.
Under REMARKS: Describe fully all shows Oil, Gas and Water, cause of Shut Down, Fishing Jobs, Casing Jobs, Steel line correction and all pertinent information not show elsewhere on report.

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FORM 16-38-865

SKELLY OIL COMPANY
DRILLERS REPORT

CONFIDENTIAL

LEASE NAME Skelly Getty Amoco F. McPherson WELL NO. C-78 DATE April 26, 72.

CONTRACTOR S&T Drlg (Western) Co Ltd KIND OF TOOLS Rotary

ON TOUR: M. TO M DRILLER:

FORMATION	FROM	TO	REMARKS

* RIG TIME DATA	HOURS

DAY WORK THIS TOUR: ____ HRS. WITH DRILL PIPE ____ HRS. WITHOUT DRILL PIPE ____ HRS. STANDBY

ON TOUR 8:00 A M TO 8:00 P M DRILLER: B. Armstrong

FORMATION	FROM	TO	REMARKS
	748	853	8:00-9:00 - Run In W/Bit — WOB - 20 M
			9:00-9:15 - Clean 30' To Btm. — RPM - 100
			9:15-9:30 - Rig Service — PSI - 1000
			9:30-1:00 - Drlg 12¼" Hole — SPM - #1-60 #2-60
			1:00-1:45 - Work On Dwks Motor Blower.
			1:45-4:00 - Drlg 12¼" Hole — Mixed - Gel - 25 Sax
			4:00-4:15 - Rig Service — Caustic - 1 Sack
			4:15-5:00 - Drlg 12¼" Hole — Lime - 1 Sack

* RIG TIME DATA	HOURS
Drill	9½
Trip	1
Condition	¼
Service	½
Repair	¾

DAY WORK THIS TOUR: 12 HRS. WITH DRILL PIPE ____ HRS. WITHOUT DRILL PIPE ____ HRS. STANDBY

ON TOUR 8:00 P.M TO 8:00 A.M DRILLER: W. H. Smith

FORMATION	FROM	TO	REMARKS
	853	976	8:00-11:30 Drlg 12¼ Hole — W.O.B. 25 M.
			11:30-11:45 W.L. Survey — R.P.M. 100
			11:45-2:30 Drlg 12¼ Hole — P.S.I. - 1175
			2:30-2:45 Rig Service — SPM - #1-60 #2-60
			2:45-8:00 Drlg.

* RIG TIME DATA	HOURS
Drill	11½
Survey	¼
Service	¼

Lime 50#
Gel 30 sx.

DAY WORK THIS TOUR: 12 HRS. WITH DRILL PIPE ____ HRS. WITHOUT DRILL PIPE ____ HRS. STANDBY

CASING RECORD

SIZE	WT.	THDS.	JTS.	WHERE SET	AMOUNT RUN L.T.M. PULLED L.T.M.	TYPE	COND.	SK. CEMENT
13⅜	48	8R	10	322 K.B.	304.35	S&L - K-55 STAC	NEW	1300

MUD TESTS

TOUR	MORN	DAY	EVE
WT.	9.7	9.5	9.7
VIS.	51	36	50
W.L.			
PH.	9.0	8.0	9.0
F.C TEMP	58°	52	54°

SLOPE TESTS

DEPTH	DEGREE OFF
872	⅛°

BIT DATA

NO	6A		
DEPTH IN	748		
SIZE	12¼"		
MFG.	H.W.		
TYPE	OSC-3A RE-TIP		
SER. NO.	B.K. 508		

DEPTH PREVIOUS REPORT 748 FT. DEPTH THIS REPORT 976 FT. GAS USED ____ HRS. WATER USED ____ BBLS HRS

TOTAL DAY WORK THIS 24 HRS; ____ HRS. WITH DRILL PIPE ____ HRS. WITHOUT DRILL PIPE ____ HRS. STANDBY

SIGNED R. C. McIlroy CHECKED ____
FOREMAN SUPERINTENDENT

* Show total hours each tour for Drilling, Coring, DST, Logging, Shut Down, Running Casing, W.O.C., Completing, Loss Circulation, etc.
Under REMARKS, Describe fully all shows Oil, Gas and Water, cause of Shut Down, Fishing Jobs, Casing Jobs, Steel line correction and all pertinent information not show elsewhere on report.

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FORM 16-38-865

SKELLY OIL COMPANY
DRILLERS REPORT

CONFIDENTIAL

LEASE NAME Skelly Gerry Amoco F. McPherson WELL NO. C-78 DATE April 20 1972

CONTRACTOR S.T. Drlg. (Western) Co. Ltd. KIND OF TOOLS Rotary

ON TOUR: M. TO M DRILLER:

FORMATION	FROM	TO	REMARKS

* RIG TIME DATA	HOURS

Bit # 5A, H-W, OSC-3A RE-TIP, CONDITION 4-2-I
AFTER 403 FT. IN 24 HRS AT BOTTOM 6 1/2-20 M

DAY WORK THIS TOUR: _____ HRS WITH DRILL PIPE _____ HRS WITHOUT DRILL PIPE _____ HRS. STANDBY

ON TOUR 8:00 A M TO 8:00 P M DRILLER: R. Armstrong

FORMATION	FROM	TO	REMARKS
	455	662	8:00 - 8:15 - W.L. Survey
			8:15 - 8:30 - Rig Service
			8:30 - 12:30 - Drlg 12 3/4 Hole
			12:30 - 12:45 - W.L. Survey
			12:45 - 5:45 - Drlg 12 1/4 Hole
			5:45 - 6:00 - W.L. Survey
			6:00 - 6:15 - Rig Service
			6:15 - 8:00 - Drlg 12 1/4 Hole

* RIG TIME DATA	HOURS
Survey	3/4
Service	1/4
Drill	10 3/4

WOB - 15-20M
RPM - 50
Mixed - Caustic - 1 Sack
Bi-Carb - 1 Sack

DAY WORK THIS TOUR: 12 HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ HRS. STANDBY

ON TOUR 8:00 P.M TO 8:00 A.M DRILLER: W. H. Smith

FORMATION	FROM	TO	REMARKS
	662	748	8:00 - 11:45 Drlg 12 1/4 Hole
			11:45 - 12:00 W.L. Survey
			12:00 - 12:15 Rig Service
			12:15 - 2:30 Drlg 12 1/4 Hole
			2:30 - 3:45 Trip for Bit Change
			Hole Tight Coming Out
			3:45 - 4:30 Clean Snake Out of Sc.
			4:30 - 5:30 Run in w/ Bit
			5:30 - 7:00 Bit Plugged Trip Out

* RIG TIME DATA	HOURS
Drill	6
Survey	1/4
Service	1/4
Trip	5 1/4

W.O.B 20 M
RPM 80
S.P.M. 60 @ 60 @ 2
P.S.I 700
7:00 - 8:00 Unplug Bit

DAY WORK THIS TOUR: 12 HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ HRS. STANDBY

CASING RECORD

SIZE	WT.	THDS.	JTS.	WHERE SET	AMOUNT RUN L.T.M. PULLED L.T.M.	TYPE	COND.	SK. CEMENT
13 3/4	48	8R	10	322 K.B	304.35	SAL K-55 ST&C	NEW	1300

MUD TESTS

TOUR	MORN	DAY	EVE
WT.		9.2	9.3
VIS.		38	31
W.L.			
PH.		9.0	9.0
F.C. TEMP.		49	48

SLOPE TESTS

DEPTH	DEGREE OFF
455	1/4
546	1/4
633	1/4
714	1/4

BIT DATA

NO	5A	6A
DEPTH IN	322	748
SIZE	12 1/4	12 1/4
MFG.	H.W	H.W
TYPE	OSC-3A RE-TIP	OSC-3A RE-TIP
SER. NO.	K5857	BK-508

DEPTH PREVIOUS REPORT 456 FT. DEPTH THIS REPORT 748 FT. GAS USED _____ HRS. WATER USED _____ BBLS HRS

TOTAL DAY WORK THIS 24 HRS: _____ HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ HRS. STANDBY

SIGNED R. A. Miller FOREMAN CHECKED _____ SUPERINTENDENT

* Show total hours each tour for Drilling, Coring, DST, Logging, Shut Down, Running Casing, WOC, Completing, Loss Circulation, etc. Under REMARKS, Describe fully all above Oil, Gas and Water, cause of Shut Down, Fishing Jobs, Casing Jobs, Steel line correction and all pertinent information not show elsewhere on report.

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FORM 16-38-865

SKELLY OIL COMPANY
DRILLERS REPORT

CONFIDENTIAL

LEASE NAME Shell-Getty Amoco Ft. McPherson WELL NO. C-73 DATE April 18, 19 72

CONTRACTOR S&T Drlg (Western) Co. Ltd. KIND OF TOOLS Rotary

ON TOUR: M. TO M DRILLER:

FORMATION	FROM	TO	REMARKS

* RIG TIME DATA	HOURS

DAY WORK THIS TOUR: ____ HRS WITH DRILL PIPE ____ HRS. WITHOUT DRILL PIPE ____ HRS. STANDBY

ON TOUR 8⁰⁰ A M TO 8⁰⁰ P M DRILLER: R. Armstrong

FORMATION	FROM	TO	REMARKS
			8⁰⁰ - 9⁰⁰ - Work On Hydril Lines
			9⁰⁰ - 9¹⁵ - Tres Csg To 1500 PSI
			9¹⁵ - 2³⁰ - Drlg Out

* RIG TIME DATA	HOURS
Nipple up & Test	1¼
Drill out	2¼
Trip	1½

2³⁰ - 3¹⁵ - Trip For 8¾ Bit
3¹⁵ - 4²⁰ - Drill Out Plug & Float w/8¾ Bit
4²⁰ - 5¹⁵ - Trip For 12¼ Bit Bit #3A Washed Out
5¹⁵ - 6⁰⁰ - Drlg Out w/12¼ Bit

DAY WORK THIS TOUR: 12 HRS. WITH DRILL PIPE ____ HRS. WITHOUT DRILL PIPE ____ HRS. STANDBY

ON TOUR 6⁰⁰ P.M TO 6⁰⁰ A.M DRILLER: W. H. Smith

FORMATION	FROM	TO	REMARKS
	322	455	6⁰⁰ - 9.30 DRLG OUT w/ 12¼" BIT W.O.B. 15M.
			9⁰⁰ - 12.30 CIRC ; MIX GEL R.P.M. 90
			12.30 - 4.30 DRLG 12¼" HOLE SPM #1 54
			4.30 - 4.45 W.L. SURVEY SPM #2 56
			4.45 - 6.00 DRLG P.P. 350

* RIG TIME DATA	HOURS
Drill out	1
Condition	3½
Drill	7¼
Survey	¼

LIME 100#
GEL 110 SKS.
BIBARB. 200#

DAY WORK THIS TOUR: 12 HRS. WITH DRILL PIPE ____ HRS. WITHOUT DRILL PIPE ____ HRS. STANDBY

CASING RECORD

SIZE	WT.	THDS.	JTS.	WHERE SET	AMOUNT RUN L.T.M. PULLED L.T.M.	TYPE	COND.	SK. CEMENT
13⅜	48	8R.	10	322 K.B.	304.35	S&L K-55 ST&C	NEW	1300

MUD TESTS

TOUR	MORN	DAY	EVE
WT.	8.9		
VIS.	34		
W.L.			
PH.	9.0		
~~TEMP~~ F.C.	48°		

SLOPE TESTS

DEPTH	DEGREE OFF
389	¼°

BIT DATA

NO	RR3A	5A
DEPTH IN	322	322
SIZE	12¼	12¼
MFG.	See [illegible]	H.W
TYPE	M4LG	OSC-3A Re-T.P
SER. NO.	160722	BS857

DEPTH PREVIOUS REPORT ____ FT. DEPTH THIS REPORT ____ FT. GAS USED ____ HRS. WATER USED ____ BBLS HRS

TOTAL DAY WORK THIS 24 HRS; ____ HRS. WITH DRILL PIPE ____ HRS. WITHOUT DRILL PIPE ____ HRS. STANDBY

SIGNED R. A. Mills FOREMAN CHECKED [signature] SUPERINTENDENT

* Show total hours each tour for Drilling, Coring, DST, Logging, Shut Down, Running Casing, WOC, Completing, Loss Circulation, etc. Under REMARKS, Describe fully all shows Oil, Gas and Water, cause of Shut Down, Fishing Jobs, Casing Jobs, Steel line correction and all pertinent information not show elsewhere on report.

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FORM 16-38-865

SKELLY OIL COMPANY
DRILLERS REPORT

CONFIDENTIAL

LEASE NAME Skelly Getty Amoco Ft McPherson WELL NO. C-78 DATE April 17/18/72

CONTRACTOR 3JT Drlg (Western) Co. Ltd. KIND OF TOOLS Rotary

ON TOUR: M. TO M DRILLER:

FORMATION	FROM	TO	REMARKS

* RIG TIME DATA	HOURS

DAY WORK THIS TOUR: ____ HRS WITH DRILL PIPE ____ HRS. WITHOUT DRILL PIPE ____ HRS. STANDBY

ON TOUR 8:00 P.M TO 8:00 P.M DRILLER: B. Armstrong

FORMATION	FROM	TO	REMARKS
			8:00 - 8:00 - W.O.C.
			Cemented Top Of Csg & Cellar Flr. w/25 Sax Port
			Heading Up

* RIG TIME DATA	HOURS
W.O.C. & Head Up	12

DAY WORK THIS TOUR: ____ HRS. WITH DRILL PIPE 12 HRS. WITHOUT DRILL PIPE ____ HRS. STANDBY

ON TOUR 8:00 P.M TO 8:00 A.M DRILLER: W. H. Smith

FORMATION	FROM	TO	REMARKS
	322		8:00 - 3:00 Heading Up
			3:00 - 4:30 Pick up Stab. & Leg Jars /
			Run DC's in
			4:30 - 5:00 Thaw out Rat Hole
			5:00 - 5:30 Weld on Flow Nipple
			5:30 - 8:00 Working on Hydrill Lines

* RIG TIME DATA	HOURS
Head Up	7
Trip	1 1/2
Repair	3 1/2

DAY WORK THIS TOUR: ____ HRS. WITH DRILL PIPE 12 HRS. WITHOUT DRILL PIPE ____ HRS. STANDBY

CASING RECORD

SIZE	WT.	THDS.	JTS.	WHERE SET	AMOUNT RUN L.T.M. PULLED L.T.M.	TYPE	COND.	SK. CEMENT
13 3/8	48	8R.	10	322 K.B.	304.35	SAL. K-55 STBC	New	1300

MUD TESTS

TOUR	MORN	DAY	EVE
WT.			
VIS.			
W.L.			
PH.			
F.C.			

SLOPE TESTS

DEPTH	DEGREE OFF

BIT DATA

NO	AR 3A		
DEPTH IN	322		
SIZE	12¼		
MFG.	STC		
TYPE	17 4KG		
SER. NO.	160722		

DEPTH PREVIOUS REPORT 345 FT. DEPTH THIS REPORT 345 FT. GAS USED ____ HRS. WATER USED ____ BBLS HRS

TOTAL DAY WORK THIS 24 HRS: ____ HRS. WITH DRILL PIPE 24 HRS. WITHOUT DRILL PIPE ____ HRS. STANDBY

SIGNED R. A. Smith FOREMAN CHECKED ____ SUPERINTENDENT

* Show total hours each tour for Drilling, Coring, DST, Logging, Shut Down, Running Casing, W.O.C, Completing, Loss Circulation, etc. Under REMARKS; Describe fully all shows Oil, Gas and Water, cause of Shut Down, Fishing Jobs, Casing Jobs, Steel line correction and all pertinent information not show elsewhere on report.

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FORM 16-38-865

SKELLY OIL COMPANY
DRILLERS REPORT

CONFIDENTIAL

LEASE NAME Skelly Getty Amoco Ft. McPherson WELL NO. C-78 DATE April 16/72 17

CONTRACTOR Sgt Drlg (Western) Co Ltd KIND OF TOOLS Rotary

ON TOUR: 8:00 A M. TO 8:00 P M DRILLER:

FORMATION	FROM	TO	REMARKS

* RIG TIME DATA	HOURS

DAY WORK THIS TOUR: _____ HRS WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ HRS. STANDBY

ON TOUR 8:00 A M TO 8:00 P M DRILLER: B. Armstrong

FORMATION	FROM	TO	REMARKS
			8:00 - 8:00 - W.O.C.
			Cemented Top Of Csg W/150 Sax Port. + 3% Calcium
			60 Sax Port + 8% Gel
			90 Sax Port. Neat
			~~24 Sax Gel~~
			~~25 BBL Diesel~~
			~~35 Sax Port + 8% Gel~~
			~~35 Sax Port + 3% Cacl²~~

* RIG TIME DATA	HOURS
Cementing	12

DAY WORK THIS TOUR: _____ HRS. WITH DRILL PIPE 12 HRS. WITHOUT DRILL PIPE _____ HRS. STANDBY

ON TOUR 8:00 A. M TO 8:00 P. M DRILLER: W. H. Smith

FORMATION	FROM	TO	REMARKS
			8:00. W.O.C.
			Cemented Top Of Csg w/ 50 Sax Port Nor.
			24 ~~35~~ Sx Gel
			25 BBL. Diesel Fuel
			190 Sax Port Nor.
			24 Sax Gel
			25 BBL Diesel
			35 Sax Port + 8% Gel
			35 Sax Port + 3% Cacl²

* RIG TIME DATA	HOURS
Cementing	12

DAY WORK THIS TOUR: _____ HRS. WITH DRILL PIPE 12 HRS. WITHOUT DRILL PIPE _____ HRS. STANDBY

CASING RECORD

SIZE	WT.	THDS.	JTS.	WHERE SET	AMOUNT RUN L.T.M. PULLED L.T.M.	TYPE	COND.	SK. CEMENT
13 3/8	48	8R.	10	322. K.B.	304.35	S&L. K-55 STYC	NEW	

MUD TESTS			
TOUR	MORN	DAY	EVE
WT.			
VIS.			
W.L.			
PH.			
F.C.			

SLOPE TESTS	
DEPTH	DEGREE OFF

BIT DATA			
NO			
DEPTH IN			
SIZE			
MFG.			
TYPE			
SER. NO.			

DEPTH PREVIOUS REPORT 345 FT. DEPTH THIS REPORT 345 FT. GAS USED _____ HRS. WATER USED _____ BBLS HRS

TOTAL DAY WORK THIS 24 HRS; _____ HRS. WITH DRILL PIPE 12 HRS. WITHOUT DRILL PIPE _____ HRS. STANDBY

SIGNED R. A. Mills (FOREMAN) CHECKED _____ SUPERINTENDENT

* Show total hours each tour for Drilling, Coring, DST, Logging, Shut Down, Running Casing, WOC, Completing, Loss Circulation, etc.
Under REMARKS: Describe fully all shows Oil, Gas and Water, Cause of Shut Down, Fishing Jobs, Casing Jobs, Steel line correction and all pertinent information not show elsewhere on report.

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FORM 16-38-865

SKELLY OIL COMPANY
DRILLERS REPORT

CONFIDENTIAL

LEASE NAME Skelly Getty Amoco Ft McPherson WELL NO. C-78 DATE 16 April 1972

CONTRACTOR S&T Drlg (Western) Co Ltd KIND OF TOOLS Rotary

ON TOUR: M. TO M DRILLER:

FORMATION	FROM	TO	REMARKS

* RIG TIME DATA	HOURS

DAY WORK THIS TOUR: ____ HRS WITH DRILL PIPE ____ HRS WITHOUT DRILL PIPE ____ HRS. STANDBY

ON TOUR 8⁰⁰ A M TO 8⁰⁰ P M DRILLER: B. Armstrong

FORMATION	FROM	TO	REMARKS
			8⁰⁰ - 8⁰⁰ - W.O.C.
			Clean Tanks & Cellar. - Cut Off Conductor Bell
			Back Off Csg Landing Jt.
			Rig Up 1" Line To Cement Top Of Csg

* RIG TIME DATA	HOURS
W.O.C.	12

DAY WORK THIS TOUR: 12 HRS. WITH DRILL PIPE ____ HRS. WITHOUT DRILL PIPE ____ HRS. STANDBY

ON TOUR 8⁰⁰ P.M TO 8⁰⁰ A.M DRILLER: W. H. Smith

FORMATION	FROM	TO	REMARKS
			8⁰⁰ - W.O.C. Finish Cleaning Mud Tanks.
			Displace Mud Around Casing w/ Water
			Cemented Top of Casing w/ 325 Sks. Cement

* RIG TIME DATA	HOURS
W.O.C.	12

DAY WORK THIS TOUR: 12 HRS. WITH DRILL PIPE ____ HRS. WITHOUT DRILL PIPE ____ HRS. STANDBY

CASING RECORD

SIZE	WT.	THDS.	JTS.	WHERE SET	AMOUNT RUN L.T.M. PULLED L.T.M.	TYPE	COND.	SK. CEMENT
13 3/8	48	8 R.	10	322 K.B	304.35	S&L, K-55, STQC	NEW	340

MUD TESTS			
TOUR	MORN	DAY	EVE
WT.			
VIS.			
W.L.			
PH.			
F.C.			

SLOPE TESTS	
DEPTH	DEGREE OFF

BIT DATA			
NO			
DEPTH IN			
SIZE			
MFG.			
TYPE			
SER. NO.			

DEPTH PREVIOUS REPORT ____ FT. DEPTH THIS REPORT ____ FT. GAS USED ____ HRS. WATER USED ____ BBLS HRS

TOTAL DAY WORK THIS 24 HRS; 24 HRS. WITH DRILL PIPE ____ HRS. WITHOUT DRILL PIPE ____ HRS. STANDBY

SIGNED R. A. Mills FOREMAN CHECKED [signature] SUPERINTENDENT

* Show total hours each tour for Drilling, Coring, DST, Logging, Shut Down, Running Casing, WOC, Completing, Loss Circulation, etc. Under REMARKS; Describe fully all shows Oil, Gas and Water, cause of Shut Down, Fishing Jobs, Casing Jobs, Steel line correction and all pertinent information not show elsewhere on report.

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FORM 16-38-865

SKELLY OIL COMPANY
DRILLERS REPORT

CONFIDENTIAL

LEASE NAME Skelly Getty Amoco Ft McPherson WELL NO. C-78 DATE April 15/72
CONTRACTOR 3rd Drlg (Western) Co Ltd KIND OF TOOLS Rotary

ON TOUR: M. TO M DRILLER:

FORMATION	FROM	TO	REMARKS
			304.35
			Ran 10 jts, ~~300.86~~ ft. of 13 3/8", 48#,
			K-55, S.T.&C. S.&L. Csg. Landed
			at 322 ft. K.B. Used Baker Guide
			shoe & float collar & one centralizer
			in middle of first joint. Cemented
			with 340 sax of Perma-Frost cement.
			Start mix @ 06:30. Finish mix @ 07:15/15
			C.I.P @ 07:55. No returns. Bumped plug w/500 P.S.I.
			Top joint is insulated and has refrigerating coils

* RIG TIME DATA	HOURS

DAY WORK THIS TOUR: ____ HRS WITH DRILL PIPE ____ HRS. WITHOUT DRILL PIPE ____ HRS. STANDBY

ON TOUR 500 A M TO 800 P M DRILLER: B. Armstrong

FORMATION	FROM	TO	REMARKS
	239	321	5:00 - 9:00 - Reaming 12 1/4 Hole To 17 1/2
			9:00 - 9:15 - Rig Service
			9:15 - 3:30 - Reaming 12 1/4 Hole To 17 1/2
			3:30 - 4:00 - Circ
			4:00 - 4:05 - Wiper Trip
			4:05 - 6:45 - Circ To Run Csg
			6:45 - 7:30 - Thaw Out Ratnole
			7:30 - 8:00 - Hoist To Run Csg

* RIG TIME DATA	HOURS
Ream	7 1/4
Service	1/4
Condition	3 1/4
Trip	1/2
Repair	3/4

DAY WORK THIS TOUR: 12 HRS. WITH DRILL PIPE ____ HRS. WITHOUT DRILL PIPE ____ HRS. STANDBY

ON TOUR 800 P. M TO 800 A M DRILLER: W. A. Smith

FORMATION	FROM	TO	REMARKS
			2:00-4:30 - Finish out w/ 13 1/2
			9:30-1:00 - Rig up & Running Casing
			1:00-1:30 - Circ Csg.
			1:30-5:30 - Waiting on B.J. cementer
			5:30-8:00 - Cementing

* RIG TIME DATA	HOURS
Trip	1/2
Run Csg	4 1/2
Condition	1/2
W.O. BJ	4
Cementing	2 1/2

Reamer cond. 2-1-I after 282 ft in 12 hrs @ 120 RPM & 10M #

DAY WORK THIS TOUR: 12 HRS. WITH DRILL PIPE ____ HRS. WITHOUT DRILL PIPE ____ HRS. STANDBY

CASING RECORD

SIZE	WT.	THDS.	JTS.	WHERE SET	AMOUNT RUN L.T.M. PULLED L.T.M.	TYPE	COND.	SK. CEMENT
13 3/8	48	Brd	10	322 ft. K.B.	304.35	S&L, K-55, ST&C	New	

MUD TESTS				SLOPE TESTS		BIT DATA			
TOUR	MORN	DAY	EVE	DEPTH	DEGREE OFF	NO	4A		
WT.				321	1/8°	DEPTH IN	39		
VIS.		81				SIZE	17 1/2		
W.L.						MFG.	Smith		
PH.						TYPE	STC		
F.C. TEMP		52°				SER. NO.	1028		

DEPTH PREVIOUS REPORT 345 FT. DEPTH THIS REPORT ~~345~~ 322 FT. GAS USED ____ BBLS HRS. WATER USED ____ HRS

TOTAL DAY WORK THIS 24 HRS; 24 HRS. WITH DRILL PIPE ____ HRS. WITHOUT DRILL PIPE ____ HRS. STANDBY

SIGNED R. C. Mills (FOREMAN) CHECKED (SUPERINTENDENT)

* Show total hours each tour for Drilling, Coring, DST, Logging, Shut Down, Running Casing, W.O.C., Completing, Loss Circulation, etc.
Under REMARKS, Describe fully all shows Oil, Gas and Water, cause of Shut Down, Fishing Jobs, Casing Jobs, Steel line correction and all pertinent information not show elsewhere on report.

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FORM 16-38-865

SKELLY OIL COMPANY
DRILLERS REPORT

CONFIDENTIAL

LEASE NAME Skelly Getty Amoco Ft McPherson WELL NO. C-78 DATE April 13/72
CONTRACTOR S&T Drlg (Western) Co Ltd KIND OF TOOLS Rotary

ON TOUR: M. TO M DRILLER:

FORMATION	FROM	TO	REMARKS

* RIG TIME DATA	HOURS	
		Bit #3A drilled 119 ft in 12¾ hrs @ 120 RPM
		8 B-10M⁴, condition 3-1-I

DAY WORK THIS TOUR: ____ HRS WITH DRILL PIPE ____ HRS WITHOUT DRILL PIPE ____ HRS. STANDBY

ON TOUR 8⁰⁰ A M TO 8⁰⁰ P M DRILLER: B. Armstrong

FORMATION	FROM	TO	REMARKS
	226	330	8⁰⁰-8³⁰ - Run In w/Bit #3A - Clean 15' To Btm
			8³⁰-3⁵⁰ - Drlg 12¼ Hole
			3³⁰-3⁴⁵ - W.L. Survey
			3⁴⁵-4⁰⁰ - Rig Service
			4⁰⁰-8⁰⁰ - Drlg 12¼ Hole

* RIG TIME DATA	HOURS
Trip	½
Drill	11
Service	¼
Survey	¼ Lime-25#

W.O.B. - 8-10 M
R.P.M. - 120
S.P.M. - 70
P.S.I. - #1-200 - #2-300

DAY WORK THIS TOUR: 12 HRS. WITH DRILL PIPE ____ HRS. WITHOUT DRILL PIPE ____ HRS. STANDBY

ON TOUR 8⁰⁰ A.M TO 8⁰⁰ P.M DRILLER: W. A. Smith

FORMATION	FROM	TO	REMARKS
Drlg	330	345	8⁰⁰-9¹⁵ Drlg 12¼" Hole — W.O.B. 10
Ream	39	239	9¹⁵-10⁰⁰ Survey — R.P.M. 120
			10⁰⁰-10³⁰ Trip for 17½ Hole Opener — S.P.M. 65
			10³⁰-10⁰⁰ Put on 17½ Hole Opener — P.S.I. #2-550
			10⁰⁰-12⁰⁰ Service Rig
			12⁰⁰-12⁰⁰ Ream w/ 17½" Hole Opener.
			1⁰⁰-2⁰⁰ Hole Sluffing Clean Out 7⁰⁰-8⁰⁰ Reaming w/17½
			2⁰⁰-5⁰⁰ Ream w/ 17½
			5⁰⁰-7⁰⁰ Work on Pumps

* RIG TIME DATA	HOURS
Trip	½
Drill	1¾
Ream 12¼ to 17½	6¼
Condition	1
Survey	¼
Service Repair	¼

DAY WORK THIS TOUR: 12 HRS. WITH DRILL PIPE ____ HRS. WITHOUT DRILL PIPE ____ HRS. STANDBY

CASING RECORD

SIZE	WT.	THDS.	JTS.	WHERE SET	AMOUNT RUN L.T.M. PULLED L.T.M.	TYPE	COND.	SK. CEMENT

MUD TESTS

TOUR	MORN	DAY	EVE
WT.			
VIS.		62	75
W.L.			
PH.			
F.C. TEMP		52°	50°

SLOPE TESTS

DEPTH	DEGREE OFF
286	¾
345	¼°

BIT DATA

NO	3A	4A	
DEPTH IN	226	39	
SIZE	12¼	17½	
MFG.	Sec	Smith	
TYPE	M42G	STC	
SER. NO.	160722	1038	

DEPTH PREVIOUS REPORT 226 FT. DEPTH THIS REPORT 345 FT. GAS USED ____ HRS. WATER USED ____ BBLS HRS

TOTAL DAY WORK THIS 24 HRS; ____ HRS. WITH DRILL PIPE ____ HRS. WITHOUT DRILL PIPE ____ HRS. STANDBY

SIGNED R. L. Mill FOREMAN CHECKED ____ SUPERINTENDENT

* Show total hours each tour for Drilling, Coring, DST, Logging, Shut Down, Running Casing, WOC, Completing, Loss Circulation, etc. Under REMARKS, Describe fully all shows Oil, Gas and Water, cause of Shut Down, Fishing Jobs, Casing Jobs, Steel line correction and all pertinent information not show elsewhere on report.

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FORM 6-38-865

SKELLY OIL COMPANY
DRILLERS REPORT

CONFIDENTIAL

LEASE NAME Skelly Getty Amoco Ft. McPherson WELL NO. C-7B DATE 13 April 1972

CONTRACTOR S&T I E KIND OF TOOLS Rotary

ON TOUR: M. TO M DRILLER:

FORMATION	FROM	TO	REMARKS

* RIG TIME DATA	HOURS

2A · 5-2-1
101' IN 12 1/2 HRS.
15 SAX GEL 10 SAX GEL
3 SAX LIME 2 SACK LIME
BIT #2A MADE 101 FT. IN 12 1/4 HRS @ 120 RPM
& 8M # COND 4-3-I

DAY WORK THIS TOUR: _____ HRS WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ HRS. STANDBY

ON TOUR 8:00 AM TO 8:00 PM DRILLER: R L Hayes

FORMATION	FROM	TO	REMARKS
			8:00-8:15 Rig Serv
			8:15-9:00 Ream gravel
			9:00-10:00 Maintenance on Rig
			10:00-11:45 DRLG.
			11:45-1:45 Ream gravel & Condition Mud
			1:45-2:00 Survey @ 120' 2 1/3°
			2:00-3:00 ~~DRLG~~. WORK ON PUMPS
			3:00-6:45 DRLG.
			5:45-6:00 - Rig Serv

* RIG TIME DATA	HOURS
Rig Serv	1/2
Ream & Cond	2 3/4
Repair	2
Drill	6 1/2
Survey	1/4

6:00-8:00 - DRLG 12 1/4 HOLE
WOB- 8-10M
RPM- 120
SPM- 70
PSI - 150

DAY WORK THIS TOUR: _____ HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ HRS. STANDBY

ON TOUR 8:00 PM TO 8:00 AM DRILLER: B. Armstrong · W. Smith

FORMATION	FROM	TO	REMARKS
	2	226	8:00-10:15 - DRLG 12 1/4 HOLE
			10:15-10:30 - W.L. SURVEY
			10:30-11:30 - DRLG 12 1/4 HOLE
			11:30-12:00 - WORK ON PUMPS
			12:00-12:30 - SER RIG
			12:30-12:45 - WORK ON PUMPS
			12:45-2:45 CLEAN TO BOTTOM
			2:45-5:30 DRLG.
			5:30-6:00 CIRC: CLEAN
			6:00-6:45 - WORK ON PUMPS
			6:45-7:00 W.L. SURVEY
			7:00-8:00 TRIP FOR BIT

* ~~RIG~~ TIME DATA	HOURS
Drill	6
Survey	1/2
Repair	1 3/4
Service	1/4
Ream & Cond.	2 1/2

DAY WORK THIS TOUR: 24 HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ HRS. STANDBY

CASING RECORD

SIZE	WT.	THDS.	JTS.	WHERE SET	AMOUNT RUN L.T.M. PULLED L.T.M.	TYPE	COND.	SK. CEMENT

MUD TESTS

TOUR	MORN	DAY	EVE
WT.			
VIS.			58
W.L.			
PH.			
~~DC~~ TEMP			50°

SLOPE TESTS

DEPTH	DEGREE OFF
120	1/4°
197	1/2°
226	3/4°
68	1/4

BIT DATA

NO	2A	3A	
DEPTH IN	125	226	
SIZE	12 1/4	12 1/4	
MFG.	SEC	SEC	
TYPE	M4LG	M4LG.	
SER. NO.	178313	160722	

DEPTH PREVIOUS REPORT 125 FT. DEPTH THIS REPORT 226 FT. GAS USED _____ HRS. WATER USED _____ BBLS HRS

TOTAL DAY WORK THIS 24 HRS; _____ HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ HRS. STANDBY

SIGNED R. A. Mills FOREMAN CHECKED _____ SUPERINTENDENT

* Show total hours each tour for Drilling, Coring, DST, Logging, Shut Down, Running Casing, WOC, Completing, Loss Circulation, etc.
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FORM 16-38-865

SKELLY OIL COMPANY
DRILLERS REPORT

CONFIDENTIAL

LEASE NAME Shelly Getty Amuco Ft. McPherson WELL NO. C-7B DATE 12 April 1972
CONTRACTOR S&T 1E KIND OF TOOLS Rotary

ON TOUR: M. TO M DRILLER:

FORMATION	FROM	TO	REMARKS
			Rig
			Lift 24' Conductor casing at 50' K.B. &
			Mousehole w/ 75 sx Ready Mix cement

* RIG TIME DATA	HOURS

DAY WORK THIS TOUR: ____ HRS WITH DRILL PIPE ____ HRS. WITHOUT DRILL PIPE ____ HRS. STANDBY

ON TOUR 8:00 A M TO 8:00 P M DRILLER: R. L. HAYES

FORMATION	FROM	TO	REMARKS
			8:00 – 10:30 Cement Conductor & Cellar Floor
			10:30 – 4:00 Set Bops in Install Pump Valve man Loft Box
			Catwalk & Set DRLG Line on stand.

* RIG TIME DATA	HOURS
Drilling	2 1/2
Rig up	6 3/4
Cementing Cond	2 1/2
Survey	1/4

4:00 – 4:30 Pick up D.C. & Subs.
4:30 – 5:15 DRLG
5:15 – 6:00 Work on Shaker
6:00 – 7:30 DRLG
7:30 – 7:43 Survey
7:45 – 8:00 DRLG

DAY WORK THIS TOUR: 5 1/4 HRS. WITH DRILL PIPE 6 3/4 HRS. WITHOUT DRILL PIPE ____ HRS. STANDBY

ON TOUR 8:00 P M TO 8:00 A M DRILLER: R. HENLY

FORMATION	FROM	TO	REMARKS
Frozen sand & gravel	50	125	8:00 – 9:30 D.R.L.G. 12 1/4 hole RPM 70
			9:30 – 12:00 Cond. Mud. WOB 6-8M
			12:00 – 3:00 DRLG 12 1/4 hole. SPM
			3:00 – 4:00 Working Tight hole P.Press – 900
			4:00 – 7:00 DRLG. 12 1/4 hole Gel. 54 SAN
			7:00 – 8:00 Trip To change Bits, Line 25#
			Bit #1A: 86 FT. IN 10 HRS AT 70 RPM & 6-8M
			Condition T 7, B 1, G 1
			in 39 FT, out 125 FT

* RIG TIME DATA	HOURS
Drilling	7 1/2
Cond Hole	3 1/2
Trip	1

DAY WORK THIS TOUR: 12 HRS. WITH DRILL PIPE ____ HRS. WITHOUT DRILL PIPE ____ HRS. STANDBY

CASING RECORD

SIZE	WT.	THDS.	JTS.	WHERE SET	AMOUNT RUN L.T.M. PULLED L.T.M.	TYPE	COND.	SK. CEMENT

MUD TESTS

TOUR	MORN	DAY	EVE
WT.			
VIS.			
W.L.			
PH.			
F.C.			

SLOPE TESTS

DEPTH	DEGREE OFF

BIT DATA

NO	1A.		
DEPTH IN	39		
SIZE	12 1/4		
MFG.	SEC		
TYPE	MUNC.		
SER. NO.	911050		

DEPTH PREVIOUS REPORT 50 FT. DEPTH THIS REPORT 125 FT. GAS USED ____ HRS. WATER USED ____ BBLS HRS

TOT. DAY WORK THIS 24 HRS; ____ HRS. WITH DRILL PIPE ____ HRS. WITHOUT DRILL PIPE ____ HRS. STANDBY

SIGNED R. A. Mills FOREMAN CHECKED ____ SUPERINTENDENT

* Show total hours each tour for Drilling, Coring, DST, Logging, Shut Down, Running Casing, WOC, Completing, Loss Circulation, etc.
Under REMARKS, Describe fully all shows Oil, Gas and Water, cause of Shut Down, Fishing Jobs, Casing Jobs, Steel line correction and all pertinent information not show elsewhere on report.

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FORM 16-38-865

SKELLY OIL COMPANY
DRILLERS REPORT

CONFIDENTIAL

LEASE NAME Skelly Getty Amico Ft. McPherson WELL NO. C-78 DATE 11 April

CONTRACTOR S&T 1E KIND OF TOOLS Rotary

ON TOUR: M. TO M DRILLER:

FORMATION	FROM	TO	REMARKS

* RIG TIME DATA	HOURS

DAY WORK THIS TOUR: _____ HRS WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ HRS. STANDBY

ON TOUR 8:00A M TO 8:00P M DRILLER: R.L. Hayes

FORMATION	FROM	TO	REMARKS
			8:00AM - 7:00P.M. Wait on Teeth for Bucket
			Crib & Cement Cellar
			7:00PM - 8:00PM. Dig Conductor Hole

* RIG TIME DATA	HOURS
W.O. Teeth	11
Drill Conductor	1

DAY WORK THIS TOUR: 12 HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ HRS. STANDBY

ON TOUR 8:00P M TO 8:00A M DRILLER: R. Henly

FORMATION	FROM	TO	REMARKS
			8:00PM - 12:00PM Drill Conductor Hole
			12:00PM - 4:00AM Ruin " Pipe
			4:00AM - 8:00AM Cement " "

* RIG TIME DATA	HOURS
Drill Conductor	4
Run "	4
Cement "	4

DAY WORK THIS TOUR: 12 HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ HRS. STANDBY

CASING RECORD

SIZE	WT.	THDS.	JTS.	WHERE SET	AMOUNT RUN L.T.M. PULLED L.T.M.	TYPE	COND.	SK. CEMENT
24"	B Gauge		1	50' K.B. 22' Below	65' on lease	Conductor	New	38

MUD TESTS			
TOUR	MORN	DAY	EVE
WT.			
VIS.			
W.L.			
PH.			
F.C.			

SLOPE TESTS	
DEPTH	DEGREE OFF

BIT DATA			
NO			
DEPTH IN			
SIZE			
MFG.			
TYPE			
SER. NO.			

DEPTH PREVIOUS REPORT 43 FT. DEPTH THIS REPORT 50 FT. GAS USED _____ HRS. WATER USED _____ BBLS HRS

TOTAL DAY WORK THIS 24 HRS, 24 HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ HRS. STANDBY

SIGNED R.A. Mills FOREMAN CHECKED _____ SUPERINTENDENT

* Show total hours each tour for Drilling, Coring, DST, Logging, Shut Down, Running Casing, WOC, Completing, Loss Circulation, etc. Under REMARKS; Describe fully all shows Oil, Gas and Water, cause of Shut Down, Fishing Jobs, Casing Jobs, Steel line correction and all pertinent information not show elsewhere on report.

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FORM 16-38-865

SKELLY OIL COMPANY
DRILLERS REPORT

CONFIDENTIAL

LEASE NAME Skelly Getty Amoco Ft. McPherson WELL NO. C-7B DATE 10 April 1972

CONTRACTOR S&T JE KIND OF TOOLS Rotary

ON TOUR: M. TO M DRILLER:

FORMATION	FROM	TO	REMARKS

* RIG TIME DATA	HOURS

DAY WORK THIS TOUR: ____ HRS WITH DRILL PIPE ____ HRS WITHOUT DRILL PIPE ____ HRS STANDBY

ON TOUR 8:00A M TO 8:00P M R.L. Hayes DRILLER: ~~R. Henly~~ ~~R. Allen~~

FORMATION	FROM	TO	REMARKS
			Spud in with 28" rat-hole digger
			bucket at 2:00 P.M., 9 April 1972
			Drilling in frozen gravel and

* RIG TIME DATA	HOURS
Drill Conductor Hole 6 ~~8~~	

sand - very abrasive. Rat hole
rig had only been able to drill
to 37 ft. K.B.
Rig is sitting on a 4' thick
gravel pad with 6" sandust and
polyethylene sheeting under the matting.

DAY WORK THIS TOUR: ____ HRS. WITH DRILL PIPE ____ HRS. WITHOUT DRILL PIPE ____ HRS. STANDBY

ON TOUR 8:00 P M TO 8:00A M DRILLER: R. Henly

FORMATION	FROM	TO	REMARKS
			8:00 PM - 12:00PM Drill conductor hole
			12:00 PM - 8:00 AM Wait on teeth for bucket

*RIG TIME DATA	HOURS
Drill Conductor Hole	4
W.O. Teeth	8

DAY WORK THIS TOUR: ____ HRS. WITH DRILL PIPE ____ HRS. WITHOUT DRILL PIPE ____ HRS. STANDBY

CASING RECORD

SIZE	WT.	THDS.	JTS.	WHERE SET	AMOUNT RUN L.T.M. PULLED L.T.M.	TYPE	COND.	SK. CEMENT

MUD TESTS

TOUR	MORN	DAY	EVE
WT.			
VIS.			
W.L.			
PH.			
F.C.			

SLOPE TESTS

DEPTH	DEGREE OFF

BIT DATA

NO			
DEPTH IN			
SIZE			
MFG.			
TYPE			
SER. NO.			

DEPTH PREVIOUS REPORT 37 FT. DEPTH THIS REPORT 43 FT. GAS USED ____ HRS. WATER USED ____ BBLS HRS.

TOTAL DAY WORK THIS 24 HRS; 18 HRS. WITH DRILL PIPE ____ HRS. WITHOUT DRILL PIPE ____ HRS. STANDBY

SIGNED R. A. Mills FOREMAN CHECKED ____ SUPERINTENDENT

* Show total hours each tour for Drilling, Coring, DST, Logging, Shut Down, Running Casing, WOC, Completing, Loss Circulation, etc. Under REMARKS, Describe fully all shows Oil, Gas and Water, cause of Shut Down, Fishing Jobs, Casing Jobs, Steel line correction and all pertinent information not show elsewhere on report.