Indian and Northern Affairs Affaires indiennes et du Nord

Well Name / Nom du puits: Amoco S. Island R. M-52	Drilling Authority No. / Autorisation de forage n° 651
Field/Area / Gisement/Région: South Island River Field	Date Issued / Date d'émission Jan. 8, 1973
Location / Emplacement — Unit / Unité: M-52-60-10-121-00 — Section	Permit or Lease: 836-70

Latitude 60°01'51" Longitude 121°11'05"

U.W.L.R. / N.R.U.E.P. 60.03084 -- 121.18472

U.W.I. No. / N.I.P. No. 300M526010121000

File Microfilmed

Tour Sheets, Microfilmed

Rig. Release Date / Date de transfert de la tour de forage 28-02-73

Status / Statut D + A

Information Release Date / Date de publication autorisée des informations 30-03-73

CHANGE OF NAME:
CHANGEMENT DE NOM:

Change of Location
Changement de emplacement

INDEX	DATE RECEIVED / RECU LE		INDEX
Application for a Drilling Authority	15-01-73	K	Demande d'autorisation de forage
Well Completion Data	3-7-73	K	Renseignements sur le forage d'un puits
Well History Report	3-7-73	K	Données chronologiques sur le puits
Application to Amend a Drilling Authority			Demande de modification d'une autorisation de forage
Application to Change a Well Name			Demande de changement du nom d'un puits
Application to Abandon a Well ~~or Suspend Drilling~~	4-4-73	K	Demande d'abandon d'un puits ou de suspension du forage
Application to Alter Condition of a Well			Demande d'autorisation de modifier l'état d'un puits
Well History Supplement			Supplément aux données chronologiques sur le puits
Well Completion Data			Renseignements sur le forage d'un puits
Work-Over Report No.			Rapport de reconditionnement n° . . . . .
Application to Commingle Production before Measurement			Demande d'autorisation de mélanger la production avant jaugeage
Data for Back Pressure Test on Natural Gas Wells			Données de calcul de la capacité de production d'un puits de gaz naturel — Méthode graphique n° 7
Data for Back Pressure Test on Natural Gas Walls			Données de calcul de la capacité de production d'un puits de gaz naturel — Méthode de Vitter
M.P.R. — Oil — Calculations			Calcul du T.M.P. (Taux maximal de production) de pétrole
New Oil Well Report			Rapport sur un nouveau puits de pétrole
New Gas Well Report			Rapport sur un nouveau puits de gaz naturel
Well Inspection Report			Rapport d'inspection de l'emplacement d'un puits
Rig Inspection Report	26-1-73 7-2-73	K	Rapport d'inspection d'une tour de forage
Battery Inspection Report			Rapport d'inspection d'une batterie de puits
Equipment Report			Rapport d'inspection des compteurs
Well Card			Fiche de puits
New Service Well Report			Rapport sur un nouveau puits de service
Strat Service Logs			Rapport mensuel des injections d'eau
Logs — Large scale			Diagrammes: Grande échelle
Logs — Small scale			Diagrammes: Petite échelle

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*: 651
Date Issued / *Date de délivrance*: Jan. 8/73

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

Well Name & No. — *Nom et n° du puits*	Permit No. — *N° de permis*	Lease No. — *N° de concession*
HB Amoco S. Island R. M-52		836-70

(Permittee, License, Lessee) — *(Détenteur de permis ou de licence, du concessionnaire)*	Exploratory Licence No. — *N° de licence de sondage*
HBOG and Amoco	1503 and 1465
(Operator) — *(Exécutant)*	Exploratory Licence No. — *N° de licence de sondage*
Hudson's Bay Oil & Gas Co. Ltd.	1503

LOCATION — *EMPLACEMENT*

Unit — *Unité*	Section	Grid — *Étendue quadrillée*	Latitude	Longitude
M	52	60-10-121-00	60°01'51"N	121°11'05" W

Unique Well Identifier — *Code d'ordinateur*	Universal Well Location Reference — *Références universelles d'emplacement du puits*
300 M52 60 10 121 000	60.03083N 121.18472 W

	Date	Depth — *Profoneur*
Spudded / *Début des travaux*	Jan. 21/73	
Suspended / *Suspension des travaux*		
Resumed Operations / *Reprise des travaux*		
Finished Drilling / *Forage terminé*	Feb. 14/73	
Deepened / *Approfondissement*		
Complete (Gas/Oil) / *Achèvement (Gaz/Pétrole)*	Feb. 21/73	
Abandoned / *Abandon*	Feb. 28/73	7080'
Rig Released / *Fin des travaux*	Feb. 28/73	7080'

Pool(s) / *Gisement(s)*: Slave Point
Interval(s) Open to Production / *Intervalle(s) de production*:
Elevation: Gr. / *Altitude du sol*: 2256.0 K.B. / *du carré d'entraînement*: 2269.2
Rig No. / *N° de la tour de forage*: 3 Drilling Contractor / *Entrepreneur en forage*: Regent Drilling
Contractor's Business Licence No. / *N° du permis de l'entreprenur*: 0185

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.	10-3/4	H-40	32.75	916	912	600 +2% CaCl2
2.	5-1/2	J-55	14, 15.5	7102.10	7080	790 Poz 2:1 +8%gel 200 oilwell+.2% ret.
3.						
4.						
5.						
6.						

Geological Tops / *Sommet des formations*	Elevation — *Profondeur* Depths / *Sous le niveau du sol*	Sub-Sea / *Sous le niveau de la mer*
Mississippian	2100	169
Exshaw	3555	-1286
Kotcho	3590	-1321
Tetcho	4225	-1956
Trout River	4467	-2198
Red Knife	4695	-2426
Jean Marie	5130	-2861
Ft. Simpson	5192	-2923
Slave Point	6888	-4619

Core Record — *Carottes*

From — *de*	To — *à*	Rec. / *Récupérées*	From — *de*	To — *à*	Rec. / *Recup.*

Log Record — *Diagrammes*

Run / *Série*	Type of Log / *Genre de diagramme*	From — *De*	To — *À*
1	DILL	912	7079
1	GRSC	912	7079
1	CNFDC	6800	7079
1	SNP	6800	7079
1	GR correlation (Gamma-Collar Perforation Record	6800	7025
1	Geologic Descriptions		
1	Synergetic Log Systems		

DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT
CONSERVATION ENGINEER
APR 3 1973
YELLOWKNIFE, N.W.T.
NORTHERN ECONOMIC DEVELOPMENT BRANCH

52-90-2 (7-71)

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

Date	From – de	To – à	Remarks – Remarques
Feb.28/73	6880	6660	perm. packer @ 6888 ft. KB Ran 30 sax C plug.

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

Date	From – de	To – à	Remarks – Remarques
Feb.20/73	6950	6980	2 SPF w/1-11/16 jets

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

Date	From – de	To – à	Remarks – Remarques
Feb.21/73	6950	6980	1000 gals. 15% MCA Ave. rate - 2.4 BPM Ave. press- 2500 psi

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	Feb.13/73	Slave Point	6950	6980	60	30	60	2225	1189	765	629	3433	3225	Est. rate: initial 4500MCFD final 300 MCFD Rec. 1205 ft. drlg.fluid

ANALYSIS – *ANALYSE*

Lab. No. *N° de laboratoire*	Sample *Échantillon*	From – de	To – à	Source	Remarks – Remarques
E73-2954	gas	6950	6980	Slave Point	
933-3337	filtrate	6950	6980	Slave Point	
F73-203-1	water	1050		swab	
F73-203-2	water	2350		swab	
F73-203-3	water	6860		swab	
F73-203-4	water	6860		swab	

PRESENT STATUS OF WELL / *ÉTAT ACTUEL DU PUITS*

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

Company *Société*: Hudson's Bay Oil & Gas Co. Ltd.

Signed by *Signé par*: [signature]

Title *Titre*: Division Petroleum Engineer

Date: April 2, 1973

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

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

CANADA

Drilling Authority No. 651

DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT
OIL AND MINERAL DIVISION

Application to Abandon a Well ~~or Suspend Drilling~~

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 HB Amoco S. Island R. M-52

Location: Unit M Section 52 Grid 60-10-121-00

Latitude 60° 01' 51" N Longitude 121° 11' 05" W

From Established Reference Marker

Universal Well Location Reference 60.03083N 121.18472 W

Permit No. Lease No. P&NG Lease #836-70

Hudson's Bay Oil and Gas Co. Ltd. and Amoco Canada Petroleum Co.
(Permittee, Licencee, Lessee)

Date of commencement of proposed program

OIL, GAS, AND WATER ENCOUNTERED
(Depths)

Oil at

Gas at 6950-6980 feet KB (Sonic log)

Water at

Total Depth 7080 feet KB Date of last operations

Present condition of well Abandon

CASING RECORD

Casing Size O.D. Inches	Weight	Amount	Set At—	Sacks of Cement and Additives	Amount Pulled
1. 10-3/4	32.75	916.00	912	600 +2% CaCl2 790 2:1 Poz +8% gel	
2. 5-1/2	15.5, 14	7102.10	7080	200 oilwell +5% ret.	
3.					
4.					
5.					

PROPOSED ABANDONMENT PROGRAM

Plug No.	Plug Position	Geological Formation	Number of Sacks of Cement	Remarks
				Ran Otis HX plug in Otis nipple below permanent packer. (Plug set at 6888 feet KB). Ran 30 sack cement plug from 6880 feet KB (Top of packer) to 6660 feet KB.
				Cut casing strings off 3 feet below ground level - ran 10 sack cement plug - welded on steel plate - erected marker post.

The following logs have been run DILL, GRSC, CNFDC, SNP

Other operations proposed

Operations to be carried out by Regent Drilling Contractor Licence No. 0185

Address 1200 Calgary House, Calgary, Alta. Address 320 - 7th Ave., Calgary, Alta

Responsible Agent in field E.A. Pavan

Dated at Calgary, this 2nd Day of April 1973

Signed by Company Hudson's Bay Oil & Gas Co. Ltd.

Title Division Petroleum Engineer Operator's Exploratory Licence No. 1503

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 conditions:

Dated April 4, 1973

District Conservation Engineer

DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT
CONSERVATION ENGINEER
APR 3 1973
YELLOWKNIFE, N.W.T.
NORTHERN ECONOMIC DEVELOPMENT BRANCH

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

Drilling Authority No. 651

CANADA

DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT

OIL AND MINERAL DIVISION

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 HB Amoco S. Island R. M-52

Location: Unit M Section 52 Grid 60-10-121-00

Latitude 60° 01' 51" N Longitude 121° 11' 05" W.

Unique Well Identifier 300M526010121000

Universal Well Location Reference 60.03083 N 121.18472 W

Elevation: Ground 2200' Est. K.B. 2215' Est. feet above sea-level.

Well is expected to produce from Slave Point formation at a depth of about 7000 feet. Expected total final depth 8050

Area assigned to well Development
(for District Conservation Engineer's use only)

Permit No. -- Lease No. P&NG Lease# 836-70 Acreage 12792

Permittee, licensee, or lessee Hudson's Bay Oil and Gas Company Limited & Amoco 1465

Exploratory Licence No. 1503

Surface owned by Crown or
(If alienated submit name and address of owner and occupant.)

Petroleum and natural gas rights owned by the 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. 10 3/4	3275	H40	New	900	Sufficient to return to surface.
2.					
3. Additional strings of casing are to be approved by the District					
4. Conservation Engineer before they are run.					
5.					

Expected water, gas, and oil horizons and type of control equipment. Anticipated production horizon will be from the Slave Point. Control equipment will consist of proper drilling fluid and adequate blow out prevention equipment.

Well will be drilled with Rotary Rig No. 3 by Regent Drilling
(Drilling Contractor or company)

Responsible agent of applicant:–

At well N. Dease Address 320 - 7th Avenue S.W.

Contractor's Business Licence No. 0185

At registered office R.L. Levesque Address 320 - 7th Avenue S.W.

It is understood that if changes become necessary, notice of the change of plan will be submitted.

Dated at Calgary, this 28th day of December 19 72

Signed by [signature] Company Hudson's Bay Oil & Gas Co. Ltd.

Title Div. Drilling Foreman Operator's Licence No. 1503

(For Oil and Mineral Division use only)

APPROVED

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

Please see attached Conditions of Approval

Dated Jan 8 19 73 [signature] District Conservation Engineer

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

IAND 52-90-1 (8-71)

Voir au verso

D.I.A.N.D. - CONDITIONS OF APPROVAL FOR DRILLING AUTHORITY NO. 651

WELL HB Amoco S. Island R. M-52

1. Copies of this Drilling Authority. Conditions of Approval and Daily Drilling Report Preparation Requirements card. shall be posted in a conspicuous manner in both the doghouse and drilling foreman's or engineer's office between spud and rig release dates.

2. The company will submit to this office. on Tuesday morning of each week. a day-by-day progress report summary on the well FOR THE PAST WEEK. (See daily drilling report preparation that is attached for pertinent details.)

3. All shows of oil and gas are to be reported to the District Conservation Engineer immediately.

4. When a fatal accident occurs the District Conservation Engineer is to be notified immediately and drilling activities must cease. Permission to resume operations will be granted by the District Conservation Engineer after a fatality.

5. All waste material on and around the wellsite area shall be disposed of in a manner that will prevent pollution to adjacent areas. Refuse shall be burned and the residue shall be buried with an adequate cover of earth.

6. Forward to his office two (2) field prints of all well logs. copies of Core Analysis and Fluid Analysis as soon as they are available.

7. Prior approval from a District Conservation Engineer is required for any changes to the approved Drilling Authority.

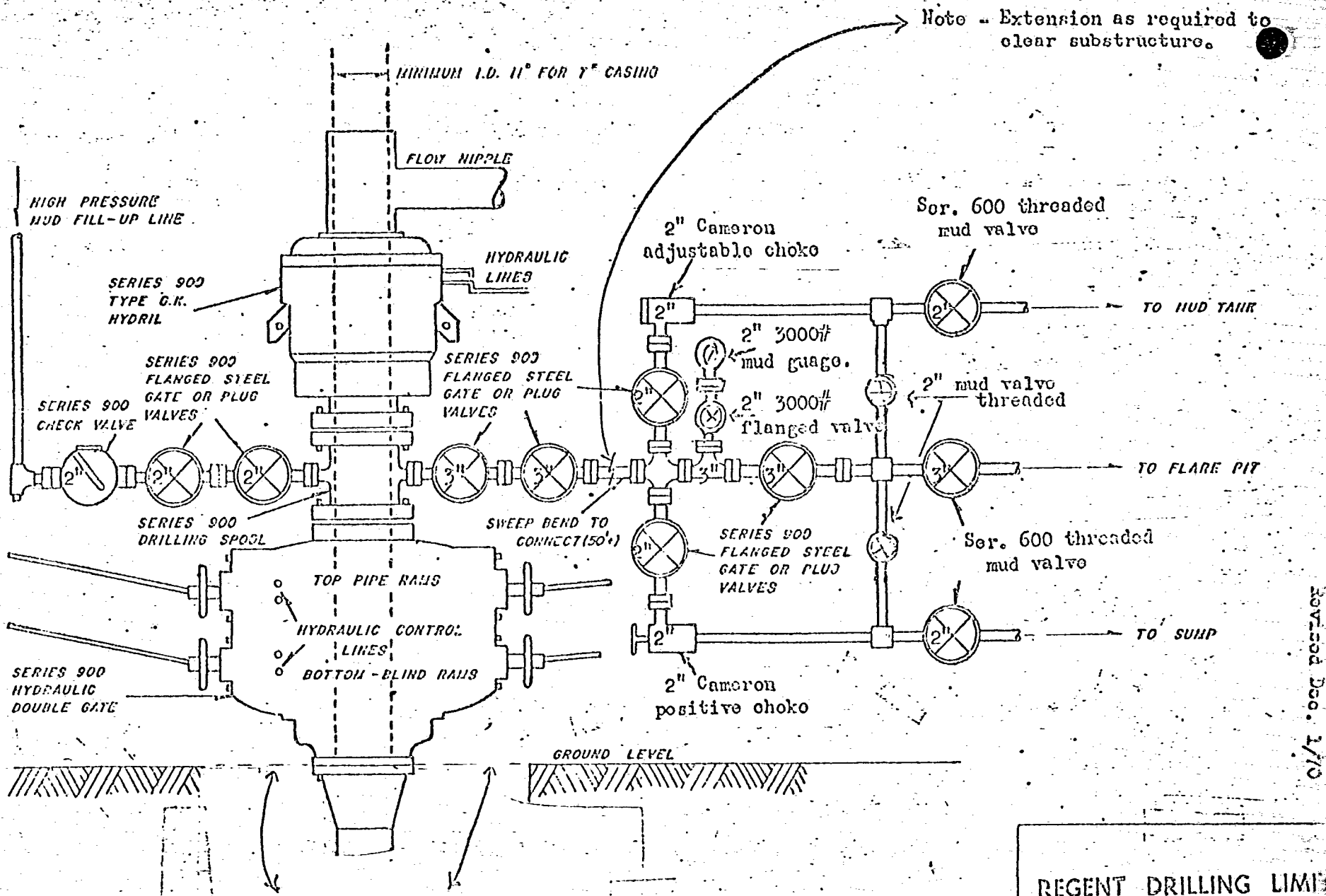
8. Surface casing to be set 50 feet (min.) into a consolidated formation at the approved depth.

9. 3000# W.P. (Ser. 900) B.O.P.'s are required to 12.000 ft. (Max.)
5000# W.P. (Ser. 1500) B.O.P.'s are required below 12,000 ft.

10. A legal survey may be required for this well.

11. You are requied to report to the Yellowknife Office twenty-four (24) hours before the well is spudded.

J. E. Blue



ALL EQUIPMENT BELOW THIS LINE TO BE PROVIDED BY THE OPERATOR UNLESS OTHER SPECIFIC ARRANGEMENTS HAVE BEEN MADE.

NOTE - ALL FITTINGS DOWN STREAM OF CHOKES AND MAIN VALVE MAY BE SCREWED XH FITTINGS.

REGENT DRILLING LIMI
12912 - 125th AVENUE
EDMONTON, ALBE

EXTREME SERVICE BLOWOUT PREVENTOR MANIFOLD (BASI
MODIFICATIONS AS REQUIRE

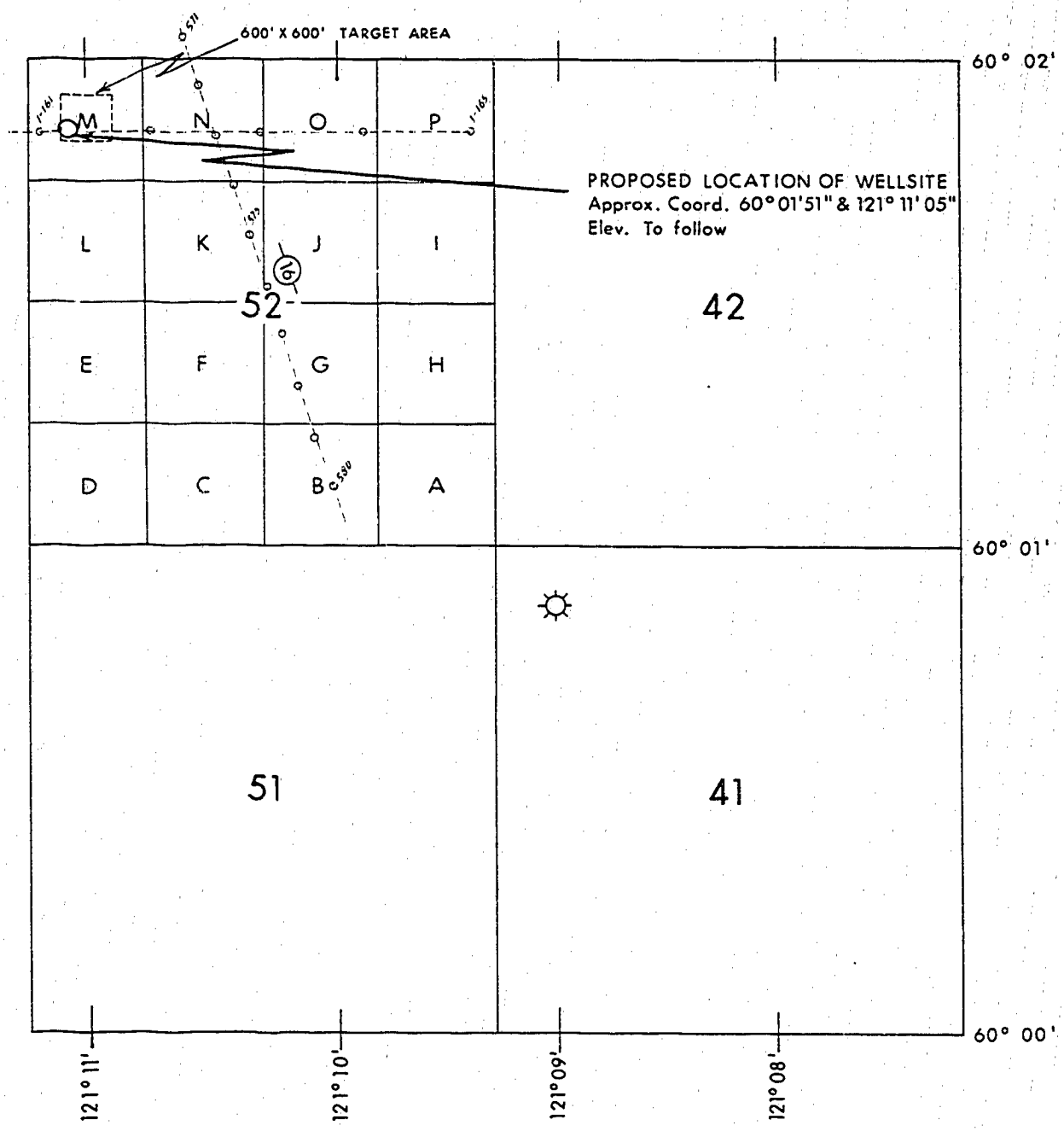
Revised Dec. 1/70

PROPOSED LOCATION

HB AMOCO S. ISLAND R. M-52

LOCATION REFERENCE : NE CORNER 60° 10' N & 121° 00' W

APPROXIMATELY COORDINATES OF WELL : 60° 01' 51" & 121° 11'05"



Hudson's Bay Oil and Gas Company Limited

DRILLING & PRODUCTION DIVISION

CALGARY ALBERTA

Scale : 1" = 2000'

Date : Dec. 22, 72

OIL & GAS OPERATIONS UNIT
Oil and Mineral Division
JUL 3 1973
OTTAWA, CANADA
Dept. of Indian Affairs & Northern Development

HB AMOCO S ISLAND R M-52
CLEANUP PRODUCTION TEST
FEBRUARY 21 TO 23, 1973

YELLOWKNIFE, N.W.T.
NORTHERN ECONOMIC DEVELOPMENT BRANCH

THARIN PETROLEUM DATA LTD.

PHONE 264-0075

6TH FLOOR, 640 - 8TH AVENUE S.W. • CALGARY, ALBERTA T2P 1G7

March 7, 1973

Hudson's Bay Oil and Gas Co. Ltd.,
320 - 7 Avenue S. W.,
Calgary, Alberta.

Attention: Mr. John Van Heteren

Dear Sirs:

Re: HB AMOCO S ISLAND R M-52

Please find enclosed the field notes recorded during the cleanup production test conducted on the subject well from February 21 to 23, 1973.

Yours truly,

H. J. SLATER, P. Eng.

HJS/mlf

THARIN PETROLEUM DATA LTD. FIELD NOTES FOR UNIT #T-706 #1

Well HB AMOCO S ISLAND R M-52 Flow Rate CLEANUP Bottom Hole Gauge @

Start of Flow Rate Wellhead Choke High Press. Orifice Plate

End of Flow Rate Heater Choke Low Press. Orifice Plate

Time FEB 21	Duration Hrs.	Wellhead			Circ Sys.		H.P. Separator			L.P. Separator			Condensate							Water	Remarks
		Tbg Press psig	Temp °F	Csg Press psig	Temp °F In	Temp °F Out	Press	Diff	Temp @ Orif °F	Press	Diff	Temp @ Orif °F	Tank 1 ft	Tank 1 in	Tank 1 Temp	Tank 2 ft	Tank 2 in	Tank 2 Temp	Bbls Prod	Prod	
							Unable to make well flow by swabbing before acid job, pump acid into well.														
1615		1400					Wellhead pressure after acid job.														
1630							Open well on bypass to pit														
							Well flowed back until pressure bled off, acid water coming back														
							Begin swabbing well on bypass to pit														
1930	0						Well starting to flow back on its own														
2400	4.5		80				Well flowing on bypass to pit, pressure less than 50 lbs. on deadweight														
							gas and acid water coming back														
FEB 22/73																					
0100	5.5		79				Well still flowing on bypass, approx. 3/4 of a million, acid water still coming slowly														
0400	8.5						Well flowing bypass, less than 50 lbs, wellhead pressure														
0800	12.5	18	72				Well flowing on bypass, approx. flow rate = .750 MMCFPD (Pressure taken by gauge)														
							approx. recovery = 60 bbls.														
1000	14.5	18	72																		
1200	16.5	18	72																		
1400	18.5	17	70				Well still flowing on bypass, liquid (acid water and drilling mud), coming back very slow.														
1515	19.75	17	70				Shut-in well for buildups to try and blow liquid back faster														
1520		140					Buildups														
1530		300																			
1545		480																			

THARIN PETROLEUM DATA LTD. FIELD NOTES FOR UNIT #T-706 #2

Well HB AMOCO S ISLAND R M-52 Flow Rate CLEANUP Bottom Hole Gauge @

Start of Flow Rate Wellhead Choke High Press. Orifice Plate

End of Flow Rate Heater Choke Low Press. Orifice Plate

Time FEB 22	Duration Hrs.	Wellhead			Circ Sys.		H.P. Separator			L.P. Separator			Condensate							Water	Remarks
		Tbg Press psig	Temp °F	Csg Press psig	Temp °F In	Temp °F Out	Press	Diff	Temp @ Orif °F	Press	Diff	Temp @ Orif °F	Tank 1 ft	Tank 1 in	Tank 1 Temp	Tank 2 ft	Tank 2 in	Tank 2 Temp	Bbls Prod	Prod	
1545	0	480					Open well on bypass to pit														
1550		50	64				Acid water and drilling mud coming back very slow, pressure measured by gauge														
1555		30	64																		
1600	0.25	21	64																		
1630	0.75	17	63																		
1730	1.75	16	64																		
1830	2.75	12	64																		
1900		10	64				Acid water and drilling mud ; ill coming back very slowly														
1930	3.75	9	64				Shut-in well for buildups														
1935		100					Run in with wireline to pull collar stop and try to locate liquid level														
1945		240	55																		
2015		400					Run in with wireline to 6912, no fluid level found, reset collar stop at 6910														
							Encountered hydrates at 209 ft. while reseting collar stop														
2100		540					lubricate tubing with 15 gals. alcohol to dissolve hydrates														
2345		660					Open well on bypass to pit, well bled off to very little pressure, unable to read on gauge														
2350							Well dead, leave open to see if any liquid will start coming														
2350																					
FEB 23																					
0030							Run wireline into well with impression block to find obstruction or fluid level														
							Fluid level found at 2730 ft, while pulling out, liquid level raised to 2680ft.														

THARIN PETROLEUM DATA LTD. FIELD NOTES FOR UNIT #T-706 #3

Well HB AMOCO S ISLAND M-52 Flow Rate CLEANUP Bottom Hole Gauge @

Start of Flow Rate Wellhead Choke High Press. Orifice Plate

End of Flow Rate Heater Choke Low Press. Orifice Plate

Time	Duration	Wellhead			Circ Sys.		H.P. Separator			L.P. Separator			Condensate							Water	Remarks
		Tbg Press psig	Temp °F	Csg Press psig	Temp °F In	Temp °F Out	Press	Diff	Temp @ Orif °F	Press	Diff	Temp @ Orif °F	Tank 1 ft	Tank 1 in	Tank 1 Temp	Tank 2 ft	Tank 2 in	Tank 2 Temp	Bbls Prod	Prod	
FEB 23	Hrs.																				
0045	0						Open well on bypass to pit while pulling out														
0100	0.25						Small amount of gas coming out, no water produced														
0130							Small amount of gas, no liquid														
0200	1.25						Small amount of gas, still no liquids														
0215							Run in with wireline, level at 2430 ft														
0230	1.75						Shut-in well for buildups														
0300		14																			
0400		30																			
0500		45					Open well on bypass, well died after few minutes, no liquid produced														
0530							Little gas, no liquids														
0600							Run in with wireline, liquid level at 1230 ft														
							Leave well open on bypass to pit, little gas, no liquid														
0630							Shut-in well for buildups														
1000		40																			
1030							Run in with wireline, to begin swabbing well.														
1035							Liquid well at 1050 ft, swabbed in , liquid and very little gas coming back														
1100							Liquid level at 300 ft. Liquid swabbed in, acid water, trace of salt water														
1200							Liquid level at 2350 ft. Very little liquid swabbed in														
1300							Liquid level at 2300 ft. No liquid swabbed in, very little gas coming back														
1330							Liquid level at 2380 ft. No liquid swabbed in, very little gas coming back.														

THARIN PETROLEUM DATA LTD. FIELD NOTES FOR UNIT #T-706 #4

Well HB AMOCO S ISLAND R M-52 Flow Rate CLEANUP Bottom Hole Gauge @

Start of Flow Rate Wellhead Choke High Press. Orifice Plate

End of Flow Rate Heater Choke Low Press. Orifice Plate

Time	Duration	Wellhead			Circ Sys.		H.P. Separator			L.P. Separator			Condensate							Water	Remarks
		Tbg Press psig	Temp °F	Csg Press psig	Temp °F In	Temp °F Out	Press	Diff	Temp @ Orif °F	Press	Diff	Temp @ Orif °F	Tank 1 ft	Tank 1 in	Tank 1 Temp	Tank 2 ft	Tank 2 in	Tank 2 Temp	Bbls Prod	Prod	
FEB 23 1400	Hrs.						Shut-in well for buildups, no liquid swabbed out, run in with wireline to take liquid sample														
							Sample from down well is salt water														
							Take buildups on well until morning of Feb 24/73. Well Dead, Take wireline														
							Sample at 0600 hours, sample consisted of salt water														
							Shut-in well and rig out.														

ENERGY RESOURCES CONSERVATION BOARD
PROVINCE OF ALBERTA

SUBSURFACE PRESSURE MEASUREMENTS

1. BASIC DATA

COMPANY Hudson Bay Oil & Gas Company Limited
ADDRESS Calgary, Alberta
FIELD and POOL
TYPE OF TEST Extended
PERF / OPEN HOLE INTERVAL (CF) ft
ELEVATION (CF) (KB) ft
POOL DATUM ft (SUBSEA)
ELEMENT SERIAL NO 28646N RANGE 0-4000 psig
CALIBRATION EQUATION 2073.5 D+(5.4)

WELL NAME H.B. Amoco S Island River
LOCATION 60-01-51-N-121-11-05-W5
STATUS: OIL X GAS OTHER: SPECIFY
DATE OF TEST February 21, 1973
PRODUCING THROUGH: X TUBING CASING
MID-POINT OF PRODUCING INTERVAL (CF) ft
DATUM DEPTH OF WELL (FROM CF) ft
CLOCK RANGE 12 hours S☒ D☐ # IH #
DATE OF LATEST CALIBRATION January 23, 1973

2 STATIC TEST

TUBING/CASING PRESSURE GAUGE 0 DWG 0 psig
RUN DEPTH (FROM CF) 6972 ft
TEMPERATURE AT RUN DEPTH 230 °F
GRADIENT AT RUN DEPTH psi/ft
PRESSURE AT RUN DEPTH 2552.5 psig

SHUT-IN TIME hrs
ON BOTTOM/OFF BOTTOM 23:00-21/2-08:35-22/2
SURFACE TEMPERATURE °F
PRESSURE AT MID-POINT OF PERFORATIONS psig
DATUM DEPTH PRESSURE psig

3. ACOUSTIC WELL SOUNDER TEST

DEPTH OF TUBING ft
AVERAGE TUBING JOINT LENGTH ft
NO OF JOINTS TO LIQUID
LENGTH OF GAS COLUMN ft
LENGTH OF LIQUID COLUMN ft
GAS GRAVITY/GRADIENT psig/ft
OIL GRAVITY GRADIENT psig/ft

SHUT-IN TIME hrs
CURRENT WATER CUT %
CASING PRESSURE psig
GAS COLUMN PRESSURE psig
LIQUID COLUMN PRESSURE psig
PRESSURE AT MID-POINT OF PERFORATIONS psig
DATUM DEPTH PRESSURE psig

4 BUILD UP OR DRAWDOWN TEST (Attach Forms O-12A)

RESERVOIR/WELL PARAMETERS ϕ % Rw ft H ft Sw %
C 1/psi μ cp B.H TEMPERATURE °F
GAS WELLS ONLY Z S.G OIL WELLS ONLY P_B psig B RB/STB
DATE AND DESCRIPTION OF LAST WELLBORE TREATMENT:
CASING I.D ft TUBING I.D ft TUBING WEIGHT lb/ft
WELL PRODUCING RATE, DURING/PRIOR TO TEST OIL bbl/d GAS mcf/d WATER bbl/d
TOTAL PRODUCTION - DURING/PRIOR TO TEST OIL bbls GAS mcf WATER bbls

5. CHART READINGS AND CALCULATIONS FOR STATIC TEST

DATE	DEPTH BELOW CF ft	TIME	DEFLECTION in/inches	CALCULATED PRESSURE psig	CORRECTION P ± PC psig	CORRECTED PRESSURE psig	GRADIENT psig/ft

REMARKS. See page 2 of 4 for calculations.

SURVEY COMPANY Bonnett's TEST BY G.B. COMPUTED BY W.L.M. CHECKED BY

INSTRUCTIONS: The original of this report shall be filed with the Energy Resources Conservation Board, 602 - 6th Avenue S.W. Calgary 1, Alberta within thirty days of completion of the survey.

OIL AND GAS CONSERVATION BOARD

SUBSURFACE PRESSURE MEASUREMENTS

ENERGY RESOURCES CONSERVATION BOARD

COMPANY Hudson Bay Oil & Gas Company Ltd. WELL NAME H.B. Amoco-S Island River

DATE OF TEST February 21, 1973 LOCATION 60-01-51-N-121-11-05-W5 PAGE 2 OF 4

28646N

CHART READINGS AND CALCULATIONS FOR BUILDUP OR DRAWDOWN TEST

DATE 1973	DEPTH BELOW CF ft	TIME	DEFLECTION in/inches	CALCULATED PRESSURE psig	CORRECTION P ± PC psig	CORRECTED PRESSURE psig	PRESSURE AT MID-POINT OF PERFORATIONS psig
February 21	6972	0.0	1.1391	2367.3	3.3	2370.6	
		0.5	1.1441	2377.7	3.3	2381.0	
		1.0	1.1479	2385.6	3.3	2388.9	
		1.5	1.1516	2393.2	3.3	2396.5	
		2.0	1.1555	2401.3	3.3	2404.6	
		2.5	1.1590	2408.6	3.3	2411.9	
		3.0	1.1623	2415.4	3.3	2418.7	
		3.5	1.1665	2424.1	3.3	2427.4	
		4.0	1.1707	2432.8	3.3	2436.1	
		4.5	1.1769	2445.7	3.3	2449.0	
		5.0	1.1830	2458.4	3.3	2461.7	
		5.5	1.1897	2472.2	3.3	2475.5	
		6.0	1.1960	2485.3	3.3	2488.6	
		6.5	1.2022	2498.2	3.3	2501.5	
		7.0	1.2079	2510.0	3.3	2513.3	
		7.5	1.2142	2523.0	3.3	2526.3	
		8.0	1.2195	2534.0	3.3	2537.3	
		8.5	1.2258	2547.1	3.3	2550.4	
		9.0	1.2264	2548.3	3.3	2551.6	
		9.58	1.2268	2549.2	3.3	2552.5	

ENERGY RESOURCES CONSERVATION BOARD
PROVINCE OF ALBERTA

SUBSURFACE PRESSURE MEASUREMENTS

1. BASIC DATA

COMPANY Hudson Bay Oil & Gas Company Limited
ADDRESS Calgary, Alberta
FIELD and POOL
TYPE OF TEST Extended
PERF/OPEN HOLE INTERVAL (CF) ft
ELEVATION (CF) (KB) ft
POOL DATUM ft (SUBSEA)
ELEMENT SERIAL NO 29080N RANGE 0-4000 psig
CALIBRATION EQUATION 2076.9 D+(9.8)

WELL NAME H.B. Amoco S Island River
LOCATION 60-01-51-N-121-11-05-W5
STATUS: OIL X GAS OTHER: SPECIFY
DATE OF TEST February 21, 1973
PRODUCING THROUGH: X TUBING CASING
MID-POINT OF PRODUCING INTERVAL (CF) ft
DATUM DEPTH OF WELL (FROM CF) ft
CLOCK RANGE 12 hours S☒ D☐ # IH #
DATE OF LATEST CALIBRATION January 12, 1973

2. STATIC TEST

TUBING/CASING PRESSURE GAUGE 0 DWG psig
RUN DEPTH (FROM CF) 6978 ft
TEMPERATURE AT RUN DEPTH 230 °F
GRADIENT AT RUN DEPTH psi/ft
PRESSURE AT RUN DEPTH 2557.3 psig

SHUT-IN TIME hrs
ON BOTTOM/OFF BOTTOM 23:00-21/2-08:35-22/2
SURFACE TEMPERATURE °F
PRESSURE AT MID-POINT OF PERFORATIONS psig
DATUM DEPTH PRESSURE psig

3. ACOUSTIC WELL SOUNDER TEST

DEPTH OF TUBING ft
AVERAGE TUBING JOINT LENGTH ft
NO OF JOINTS TO LIQUID
LENGTH OF GAS COLUMN ft
LENGTH OF LIQUID COLUMN ft
GAS GRAVITY/GRADIENT psig/ft
OIL GRAVITY GRADIENT psig/ft

SHUT-IN TIME hrs
CURRENT WATER CUT %
CASING PRESSURE psig
GAS COLUMN PRESSURE psig
LIQUID COLUMN PRESSURE psig
PRESSURE AT MID-POINT OF PERFORATIONS psig
DATUM DEPTH PRESSURE psig

4. BUILD UP OR DRAWDOWN TEST (Attach Forms O-12A)

RESERVOIR/WELL PARAMETERS: ϕ % Rw ft H ft Sw %
C 1/psi μ cp B.H TEMPERATURE °F
GAS WELLS ONLY Z S.G OIL WELLS ONLY P_B psig B RB/STB
DATE AND DESCRIPTION OF LAST WELLBORE TREATMENT:
CASING I.D ft TUBING I.D ft TUBING WEIGHT lb/ft
WELL PRODUCING RATE, DURING/PRIOR TO TEST OIL bbl/d GAS mcf/d WATER bbl/d
TOTAL PRODUCTION - DURING/PRIOR TO TEST OIL bbls GAS mcf WATER bbls

5. CHART READINGS AND CALCULATIONS FOR STATIC TEST

DATE	DEPTH BELOW CF ft	TIME	DEFLECTION in/inches	CALCULATED PRESSURE psig	CORRECTION P = PC psig	CORRECTED PRESSURE psig	GRADIENT psig/ft

REMARKS See page 4 of 4 for calculations.

SURVEY COMPANY Bonnett's TEST BY G.B. COMPUTED BY W.L.M. CHECKED BY

INSTRUCTIONS: The original of this report shall be filed with the Energy Resources Conservation Board, 603 - 6th Avenue S.W., Calgary 1, Alberta within thirty days of completion of the survey.

O-12-6-71

OIL AND GAS CONSERVATION BOARD

SUBSURFACE PRESSURE MEASUREMENTS

ENERGY RESOURCES CONSERVATION BOARD

COMPANY Hudson Bay Oil & Gas Company Ltd. WELL NAME H.B. Amoco S Island River

DATE OF TEST February 21, 1973 LOCATION 60-01-51-N-121-11-05-W5 PAGE 4 OF 4

29080N

CHART READINGS AND CALCULATIONS FOR BUILDUP OR DRAWDOWN TEST

DATE 1973	DEPTH BELOW CF ft	TIME	DEFLECTION in/inches	CALCULATED PRESSURE psig	CORRECTION P ± PC psig	CORRECTED PRESSURE psig	PRESSURE AT MID-POINT OF PERFORATIONS psig
February 21	6978	0.0	1.1350	2367.1	1.6	2368.7	
		1.0	1.1443	2386.4	1.6	2388.0	
		2.0	1.1529	2404.3	1.6	2405.9	
		3.0	1.1600	2419.0	1.6	2420.6	
		4.0	1.1686	2436.9	1.6	2438.5	
		5.0	1.1801	2460.7	1.6	2462.3	
		6.0	1.1930	2487.5	1.6	2489.1	
		7.0	1.2051	2512.7	1.6	2514.3	
		8.0	1.2165	2536.3	1.6	2537.9	
		9.0	1.2240	2551.9	1.6	2553.5	
		9.58	1.2258	2555.7	1.6	2557.3	

ENERGY RESOURCES CONSERVATION BOARD
PROVINCE OF ALBERTA

SUBSURFACE PRESSURE MEASUREMENTS

1 BASIC DATA

COMPANY Hudson Bay Oil & Gas Company Limited
ADDRESS Calgary, Alberta
FIELD and POOL
TYPE OF TEST Extended
PERF / OPEN HOLE INTERVAL (CF) ft
ELEVATION (CF) (KB) ft
POOL DATUM ft (SUBSEA)
ELEMENT SERIAL NO 28646N RANGE 0-4000 psig
CALIBRATION EQUATION 2073.5 D+(5.4)

WELL NAME H, B. Amoco S Island River
LOCATION 60-01-52-N-121-11-05-W5
STATUS: OIL X GAS OTHER: SPECIFY
DATE OF TEST February 23 - February 24, 1973
PRODUCING THROUGH: X TUBING CASING
MID-POINT OF PRODUCING INTERVAL (CF) ft
DATUM DEPTH OF WELL (FROM CF) ft
CLOCK RANGE 72 hours S☒ D☐ # IH #
DATE OF LATEST CALIBRATION January 23, 1973

2 STATIC TEST

TUBING/CASING PRESSURE GAUGE 0 DWG 0 psig
RUN DEPTH (FROM ~~KB~~ KB) 6904 ft
TEMPERATURE AT RUN DEPTH 239 °F
GRADIENT AT RUN DEPTH psi/ft
PRESSURE AT RUN DEPTH 2532.1 psig

SHUT-IN TIME hrs
ON BOTTOM/OFF BOTTOM 10:05-23/2-10:00-24/2
SURFACE TEMPERATURE °F
PRESSURE AT MID-POINT OF PERFORATIONS psig
DATUM DEPTH PRESSURE psig

3. ACOUSTIC WELL SOUNDER TEST

DEPTH OF TUBING ft
AVERAGE TUBING JOINT LENGTH ft
NO OF JOINTS TO LIQUID
LENGTH OF GAS COLUMN ft
LENGTH OF LIQUID COLUMN ft
GAS GRAVITY/GRADIENT psig/ft
OIL GRAVITY GRADIENT psig/ft

SHUT-IN TIME hrs
CURRENT WATER CUT %
CASING PRESSURE psig
GAS COLUMN PRESSURE psig
LIQUID COLUMN PRESSURE psig
PRESSURE AT MID-POINT OF PERFORATIONS psig
DATUM DEPTH PRESSURE psig

4 BUILD UP OR DRAWDOWN TEST (Attach Forms O-12A)

RESERVOIR/WELL PARAMETERS: ϕ % Rw ft H ft Sw %
C 1/psi μ cp B.H TEMPERATURE °F
GAS WELLS ONLY Z S.G OIL WELLS ONLY P_B psig B RB/STB
DATE AND DESCRIPTION OF LAST WELLBORE TREATMENT
CASING I.D. ft TUBING I.D. ft TUBING WEIGHT lb/ft
WELL PRODUCING RATE, DURING/PRIOR TO TEST OIL bbl/d GAS mcf/d WATER bbl/d
TOTAL PRODUCTION - DURING/PRIOR TO TEST OIL bbls GAS mcf WATER bbls

5. CHART READINGS AND CALCULATIONS FOR STATIC TEST

DATE	DEPTH BELOW CF ft	TIME	DEFLECTION in/inches	CALCULATED PRESSURE psig	CORRECTION P ± PC psig	CORRECTED PRESSURE psig	GRADIENT psig / ft

REMARKS Swabbed well with recorders on bottom.
See page 2 of 4 for calculations.

SURVEY COMPANY Bonnett's TEST BY G.B. COMPUTED BY W.L.M. CHECKED BY

INSTRUCTIONS - The original of this report shall be filed with the Energy Resources Conservation Board, 603 - 6th Avenue S.W., Calgary 1, Alberta within thirty days of completion of the survey.

O-12-6-71

OIL AND GAS CONSERVATION BOARD

SUBSURFACE PRESSURE MEASUREMENTS

ENERGY RESOURCES CONSERVATION BOARD

COMPANY Hudson Bay Oil & Gas Company Ltd. WELL NAME H.B. Amoco S Island River

DATE OF TEST Feb. 23-Feb. 24, 1973 LOCATION 60-01-52-N-121-11-05 PAGE 2 OF 4

28646N

CHART READINGS AND CALCULATIONS FOR BUILDUP OR DRAWDOWN TEST

DATE 1973	DEPTH BELOW ~~XX~~ ft KB	TIME	DEFLECTION in/inches	CALCULATED PRESSURE psig	CORRECTION P ± PC psig	CORRECTED PRESSURE psig	PRESSURE AT MID-POINT OF PERFORATIONS psig
February 23	6904	0.0	0.8205	1706.7	4.0	1710.7	
		0.5	0.8250	1716.0	4.0	1720.0	
		1.0	0.8250	1716.0	4.0	1720.0	
		1.5	0.8270	1720.2	4.0	1724.2	
		2.0	0.8381	1743.2	4.0	1747.2	
		2.5	0.8578	1784.0	4.0	1788.0	
		3.0	0.8834	1837.1	4.2	1841.3	
		3.5	0.8952	1861.6	4.2	1865.8	
		4.0	0.9087	1889.6	4.2	1893.8	
		4.5	0.9365	1947.2	4.2	1951.4	
		5.0	0.9549	1985.4	4.2	1989.6	
		5.5	0.9708	2018.4	4.2	2022.6	
		6.0	1.9864	2050.7	4.2	2054.9	
		6.5	1.0023	2083.7	3.9	2087.6	
		7.0	1.0180	2116.2	3.9	2120.1	
		7.5	1.0333	2147.9	3.9	2151.8	
		8.0	1.0483	2179.1	3.9	2183.0	
		8.5	1.0602	2203.7	3.9	2207.6	
		9.0	1.0754	2235.2	3.9	2239.1	
		9.5	1.0855	2256.2	3.9	2260.1	
		10.0	1.0970	2280.0	3.9	2283.9	
		10.5	1.1065	2299.7	3.9	2303.6	
		11.0	1.1183	2324.2	3.9	2328.1	
		11.5	1.1291	2346.6	3.3	2349.9	
		12.0	1.1380	2365.0	3.3	2368.3	
		12.5	1.1488	2387.4	3.3	2390.7	
		13.0	1.1582	2406.9	3.3	2410.2	
		13.5	1.1651	2421.2	3.3	2424.5	
		14.0	1.1725	2436.6	3.3	2439.9	
		14.5	1.1791	2450.3	3.3	2453.6	
		15.0	1.1847	2461.9	3.3	2465.2	
		15.5	1.1892	2471.2	3.3	2474.5	
		16.0	1.1939	2481.0	3.3	2484.3	
		16.5	1.1968	2487.0	3.3	2490.3	
		17.0	1.2008	2495.3	3.3	2498.6	
		17.5	1.2033	2500.4	3.3	2503.7	
		18.0	1.2053	2504.6	3.3	2507.9	
		18.5	1.2075	2509.2	3.3	2512.5	
		19.0	1.2096	2513.5	3.3	2516.8	
		19.5	1.2110	2516.4	3.3	2519.7	
		20.0	1.2127	2519.9	3.3	2523.2	
		20.5	1.2132	2521.0	3.3	2524.3	
		21.0	1.2144	2523.5	3.3	2526.8	
		21.5	1.2161	2527.0	3.3	2530.3	
		22.0	1.2150	2524.7	3.3	2528.0	
		22.5	1.2155	2525.7	3.3	2529.0	
		23.0	1.2163	2527.4	3.3	2530.7	
		23.5	1.2168	2528.4	3.3	2531.7	
		24.0	1.2170	2528.8	3.3	2532.1	

ENERGY RESOURCES CONSERVATION BOARD
PROVINCE OF ALBERTA

SUBSURFACE PRESSURE MEASUREMENTS

1 BASIC DATA

COMPANY Hudson Bay Oil & Gas Company Limited
ADDRESS Calgary, Alberta
FIELD and POOL
TYPE OF TEST Extended
PERF / OPEN HOLE INTERVAL (CF) ft
ELEVATION (CF) (KB) ft
POOL DATUM ft (SUBSEA)
ELEMENT SERIAL NO 29080N RANGE 0-4000 psig
CALIBRATION EQUATION 2076.9 D+(9.8)

WELL NAME H.B. Amoco S Island River
LOCATION 60-01-52-N-121-11-05-W5
STATUS: OIL X GAS OTHER: SPECIFY
DATE OF TEST February 23 - February 24, 1973
PRODUCING THROUGH: X TUBING CASING
MID-POINT OF PRODUCING INTERVAL (CF) ft
DATUM DEPTH OF WELL (FROM CF) ft
CLOCK RANGE 72 hours S☒ D☐ # IM #
DATE OF LATEST CALIBRATION January 12, 1973

2 STATIC TEST

TUBING/CASING PRESSURE GAUGE 0 DWG 0 psig
RUN DEPTH (FROM ~~KB~~ KB 6910 ft
TEMPERATURE AT RUN DEPTH 239 °F
GRADIENT AT RUN DEPTH psi/ft
PRESSURE AT RUN DEPTH 2543.3 psig

SHUT-IN TIME hrs
ON BOTTOM/OFF BOTTOM 10:05-23/2-10:00-24/2
SURFACE TEMPERATURE °F
PRESSURE AT MID-POINT OF PERFORATIONS psig
DATUM DEPTH PRESSURE psig

3. ACOUSTIC WELL SOUNDER TEST

DEPTH OF TUBING ft
AVERAGE TUBING JOINT LENGTH ft
NO OF JOINTS TO LIQUID
LENGTH OF GAS COLUMN ft
LENGTH OF LIQUID COLUMN ft
GAS GRAVITY/GRADIENT psig/ft
OIL GRAVITY GRADIENT psig/ft

SHUT-IN TIME hrs
CURRENT WATER CUT %
CASING PRESSURE psig
GAS COLUMN PRESSURE psig
LIQUID COLUMN PRESSURE psig
PRESSURE AT MID-POINT OF PERFORATIONS psig
DATUM DEPTH PRESSURE psig

4 BUILD UP OR DRAWDOWN TEST (Attach Forms O-12A)

RESERVOIR/WELL PARAMETERS ϕ % Rw ft H ft Sw %
C 1/psi μ cp B.H TEMPERATURE °F
GAS WELLS ONLY Z S.G OIL WELLS ONLY P_B psig B RB/STB
DATE AND DESCRIPTION OF LAST WELLBORE TREATMENT
CASING I.D ft TUBING I.D ft TUBING WEIGHT lb/ft
WELL PRODUCING RATE, DURING/PRIOR TO TEST OIL bbl/d GAS mcf/d WATER bbl/d
TOTAL PRODUCTION - DURING/PRIOR TO TEST OIL bbls GAS mcf WATER bbls

5. CHART READINGS AND CALCULATIONS FOR STATIC TEST

DATE	DEPTH BELOW CF ft	TIME	DEFLECTION in/inches	CALCULATED PRESSURE psig	CORRECTION P ± PC psig	CORRECTED PRESSURE psig	GRADIENT psig/ft

REMARKS Swabbed well with recorders on bottom.
See page 4 of 4 for calculations.

SURVEY COMPANY Bonnett's TEST BY G.B. COMPUTED BY W.L.M. CHECKED BY

INSTRUCTIONS: The original of this report shall be filed with the Energy Resources Conservation Board, 603 - 6th Avenue S.W. Calgary, Alberta within thirty days of completion of the survey.

OIL AND GAS CONSERVATION BOARD

SUBSURFACE PRESSURE MEASUREMENTS

ENERGY RESOURCES CONSERVATION BOARD

COMPANY Hudson Bay Oil & Gas Company Ltd. WELL NAME H.B. Amoco S Island River

DATE OF TEST Feb. 23-Feb. 24, 1973 LOCATION 60-01-52-N-121-11-05-W5 PAGE 4 OF 4

29080N

CHART READINGS AND CALCULATIONS FOR BUILDUP OR DRAWDOWN TEST

DATE 1973	DEPTH BELOW xxx ft KB	TIME	DEFLECTION in/inches	CALCULATED PRESSURE psig	CORRECTION P ± PC psig	CORRECTED PRESSURE psig	PRESSURE AT MID-POINT OF PERFORATIONS psig
February 23	6910	0.0	0.8121	1696.5	5.4	1701.9	
		0.5	0.8170	1706.6	5.4	1712.0	
		1.0	0.8170	1706.6	5.4	1712.0	
		1.5	0.8289	1731.3	5.4	1736.7	
		2.0	0.8400	1754.4	5.4	1759.8	
		2.5	0.8617	1799.5	5.4	1804.9	
		3.0	0.8862	1850.3	4.5	1854.8	
		3.5	0.8811	1839.8	4.5	1844.6	
		4.0	0.9190	1918.5	4.5	1923.0	
		4.5	0.9375	1956.9	4.5	1961.4	
		5.0	0.9573	1998.0	4.5	2002.5	
		5.5	0.9741	2032.9	4.5	2037.4	
		6.0	0.9922	2070.5	4.5	2075.0	
		6.5	1.0072	2101.7	3.0	2104.7	
		7.0	1.0246	2137.8	3.0	2140.8	
		7.5	1.0338	2156.9	3.0	2159.9	
		8.0	1.0520	2194.7	3.0	2197.7	
		8.5	1.0641	2219.8	3.0	2222.8	
		9.0	1.0789	2250.6	3.0	2253.6	
		9.5	1.0885	2270.5	3.0	2273.5	
		10.0	1.1015	2297.5	3.0	2300.5	
		10.5	1.1107	2316.6	3.0	2319.6	
		11.0	1.1220	2340.1	1.6	2341.7	
		11.5	1.1331	2363.1	1.6	2364.7	
		12.0	1.1430	2383.7	1.6	2385.3	
		12.5	1.1521	2402.6	1.6	2404.2	
		13.0	1.1602	2419.4	1.6	2421.0	
		13.5	1.1689	2437.5	1.6	2439.1	
		14.0	1.1760	2452.2	1.6	2453.8	
		14.5	1.1811	2462.8	1.6	2464.4	
		15.0	1.1880	2477.2	1.6	2478.8	
		15.5	1.1918	2485.0	1.6	2486.6	
		16.0	1.1971	2496.1	1.6	2497.7	
		16.5	1.1998	2501.7	1.6	2503.3	
		17.0	1.2030	2508.3	1.6	2509.9	
		17.5	1.2058	2514.1	1.6	2515.7	
		18.0	1.2079	2518.5	1.6	2520.1	
		18.5	1.2100	2522.8	1.6	2524.4	
		19.0	1.2113	2525.5	1.6	2527.1	
		19.5	1.2130	2529.1	1.6	2530.7	
		20.0	1.2144	2532.0	1.6	2533.6	
		20.5	1.2156	2534.5	1.6	2536.1	
		21.0	1.2165	2536.3	1.6	2537.9	
		21.5	1.2180	2539.5	1.6	2541.1	
		22.0	1.2171	2537.6	1.6	2539.2	
		22.5	1.2180	2539.5	1.6	2541.1	
		23.0	1.2188	2541.1	1.6	2542.7	
		23.5	1.2190	2541.5	1.6	2543.1	
		24.0	1.2191	2541.7	1.6	2543.3	

CGL-4

CHEMICAL & GEOLOGICAL LABORATORIES LTD.

Edmonton — Fort St. John — Calgary

GAS ANALYSIS REPORT: Lab. No. E73-2954 Received: Feb. 19, 1973 Reported: Feb. 23, 1973

Well: HB Amoco S. Island RM-52 Operator: HUDSON'S BAY OIL AND GAS COMPANY LIMITED

Field or Area: Location: 60 01' 51.00 121 11' 05.00 Elev.: K.B. Grd.

Zone and Formation: Slave Point Sample Interval: 6950' - 6980'

Well production at sampling time: Oil bpd; Gas MCFD; Water bpd.

Sampled from: Bubble Hose Sampled by: Date: Feb. 12, 1973

Pressure: (a) at point of sampling 30 psig (b) Gas Bomb pressure psig

Temperature: (a) at point of sampling -28 °F (b) Separator °F

Pressures: Reservoir Tubing Casing Separator

OTHER PERTINENT DATA Method of Production: D.S.T. #1. Sampled at 8:20 P.M.

Container Number: 5148.

(Signed)

COMPOSITION	% by Volume	G.P.M. in Imp. Gal. @ 60°F. & 14.65 PSIA
Helium	0.02	
Hydrogen sulfide	0	
Carbon dioxide	9.82	
Nitrogen	2.66	
Methane	87.45	
Ethane	0.05	
Propane	TRCE	0
Isobutane	0	0
N-butane	0	0
Isopentane	0	0
N-pentane	0	0
Hexanes	0	0
Heptanes	0	0
Octanes	0	0
Nonanes	0	0
Decanes +	0	0
TOTAL	100.00	0

G.P.M. (Calculated)

pentanes +	0
at 12 lbs.	0
at 15 lbs.	0
at 22 lbs.	0
at 26 lbs.	0

SPECIFIC GRAVITY

Calculated	0.650
by Weight	.666

CRITICALS (Calculated)

Pc	707.4
Tc	360.2

VAPOR PRESSURE (Calc.) @ 100°F. Pentanes + 0

H_2S Grains per 100 cu. ft. @ 60°F. & 14.65 p.s.i.a. 0

GROSS B.T.U. (Calc.) @ 60°F. & 14.65 p.s.i.a. (dry) 881.3

(sat.) 855.9

Acid Gas Free (dry) 977.5

DEW POINT (Calc.) p.s.i. 950 1050 1200

FAH. -58 -56 -53

Mol. Wt.: Total Gas 19.112 Heptanes + 0

Received at a pressure of 45 psig.

GAS TYPE

FORMATION WATER

[X] MUD FILTRATE

[ ] TEST SAMPLE

SAMPLE ANALYSIS

OPERATOR NAME AND ADDRESS

Hudson's Bay Oil and Gas Company Limited

60 01' 51.00 N.L.
121 11' 05.00 W.L.

WELL OR SAMPLE LOCATION NAME: HB Amoco S Island R M-52

ELEVATIONS KB: GRD: 2200

DATE SAMPLED: DAY 12 MO 2 YR 73

FIELD OR AREA: Island River Area — CODE:

POOL OR ZONE: Slave Point — CODE:

NAME OF SAND FM:

DST NO: 1

FT OF H2S GAS:

MUD TYPE:

MUD RESISTIVITY: ,0, °F

DST RECOVERY:

SAMPLE: 6950' - INTERVAL: 6980'

SAMPLE DEPTH ABOVE TOOL: Top of Tool

OR PRODUCTION SAMPLE POINT:

PRODUCTION TYPE: PUMP FLOW GL SWAB

WATER BBL/D:

PRODUCTION RATE OIL BBL/D:

GAS MCF/D:

PRESSURES - PSIG

CONTAINER

SEPARATOR	TREATER	LINE	RESERVOIR	WHEN SAMPLED	WHEN RECEIVED
			, ,		

TEMPERATURES (°F)

SEPARATOR	TREATER	LINE

LABORATORY NAME: Core Laboratories-Canada Ltd.

LABORATORY NO: ~~X~~933-3337

NAME OF ANALYZER:

DATES RECEIVED: DAY 26 MO 2 YR 73

DATES ANALYZED: DAY 1 MO 3 YR 73

ION	MG/L	MG %
Na		
K		
Ca		
Mg		
Ba		
Sr		
Fe		
SO_4		
Cl	504	
Br		
I		
HCO_3		
CO_3		
OH		
H_2S		
TOTAL CALC.		
TOTAL BY EVAP		
TOTAL D ION-ION		
TOTAL FROM RES		

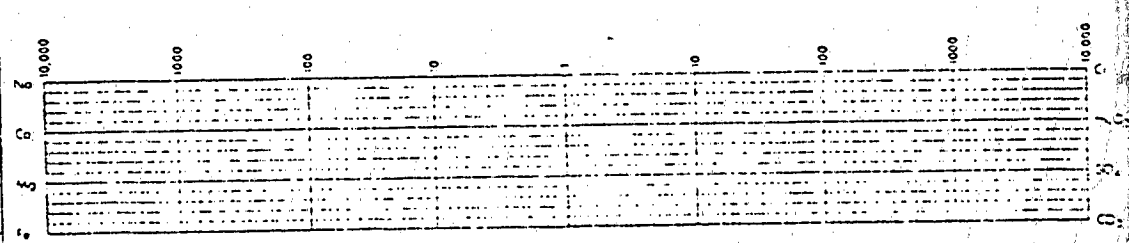
SPECIFIC GRAVITY: ,0, °F

REFRACTIVE INDEX: ,0, °F

OBSERVED PH: ,0, °F

RESISTIVITY (ohm-m): 2.15 @ 6.76 °F

LOGARITHMIC PATTERN MEQ PER LITRE



DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT
COVERED
RECEIVED
JUN 6 1973
YELLOWKNIFE, N.W.T.
NORTHERN ECONOMIC DEVELOPMENT BRANCH

WR-27-3-72

CHEMICAL & GEOLOGICAL LABORATORIES LTD.

WATER ANALYSIS

Lab No. F73-203-1

Received: Feb. 25,1973 Reported: Feb. 27, 1973 Well: Location: H.B. AMOCO S. ISLAND R. M-52

Operator: HUDSON'S BAY OIL AND GAS COMPANY LIMITED Field or Area:

Elev.: K.B. Grd. Zone/Formation: Sample Interval:

Method of Production: SWAB Sampled from: 1050 ' K.B. Sampled by: Date: Feb. 23,1973

OTHER PERTINENT DATA

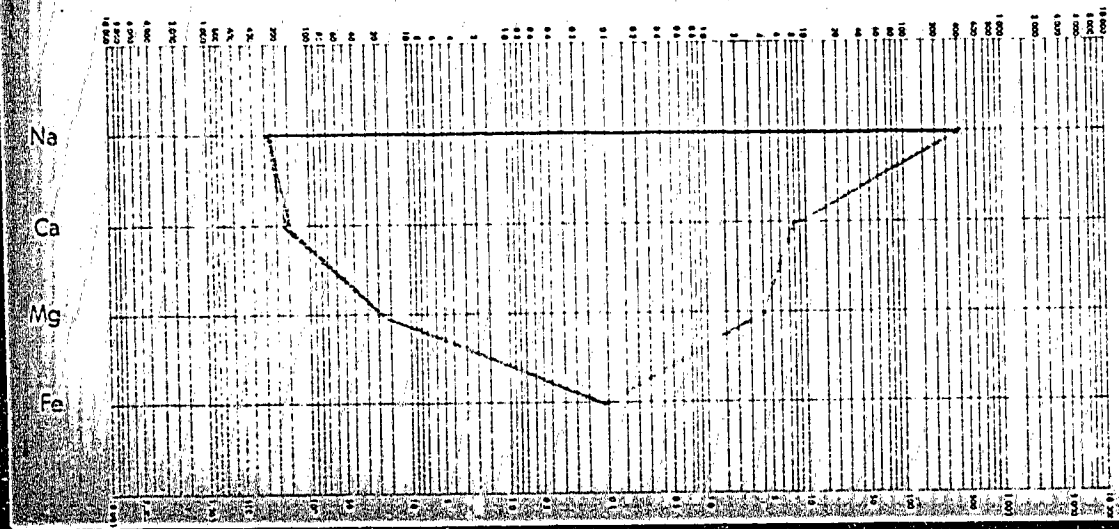
(Signed)

	Na & K	K	Ca	Mg					SO_4	Cl			CO_3	HCO_3	OH	
Mg./L	6,062		3324	243					196	15,500			0	510	0	
Meq./L	263.70		165.87	19.97					4.08	437.10			-	8.36	-	
Meq. %	29.33		18.45	2.22					0.45	48.62			-	0.93	-	

Total Solids Mg/L: By Evaporation 28,830 Fe PRESENT Specific Gravity 0.988 @60°F Observed pH 7.8 @ 68 °F

Calculated 25,835 After Ignition 23,800 H_2S NIL Refractive Index 1.3433 @25°C Resistivity 0.472 ohm meters @ 68 °F

Pattern Unit Meq./L



Remarks and Conclusions Analysis determined on yellow coloured water filtered from muddy water. Organic matter detected in total solids. The low specific gravity indicates possible alcohol contamination.

DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT
CONSERVATION
APR 3 1973
YELLOWKNIFE, N.W.T.
NORTHERN DEVELOPMENT BRANCH

CHEMICAL & GEOLOGICAL LABORATORIES LTD.

WATER ANALYSIS Lab No. F73-203-2

Received: Feb.25,1973 Reported: Feb. 27,1973 Well: Location: H.B. AMOCO S ISLAND R. M-52

Operator: HUDSON'S BAY OIL AND GAS COMPANY LIMITED Field or Area:

Elev.: K.B. Grd. Zone/Formation: Sample Interval:

Method of Production: SWAB Sampled from: 2350' K.B. Sampled by: Date: Feb.23,1973

OTHER PERTINENT DATA

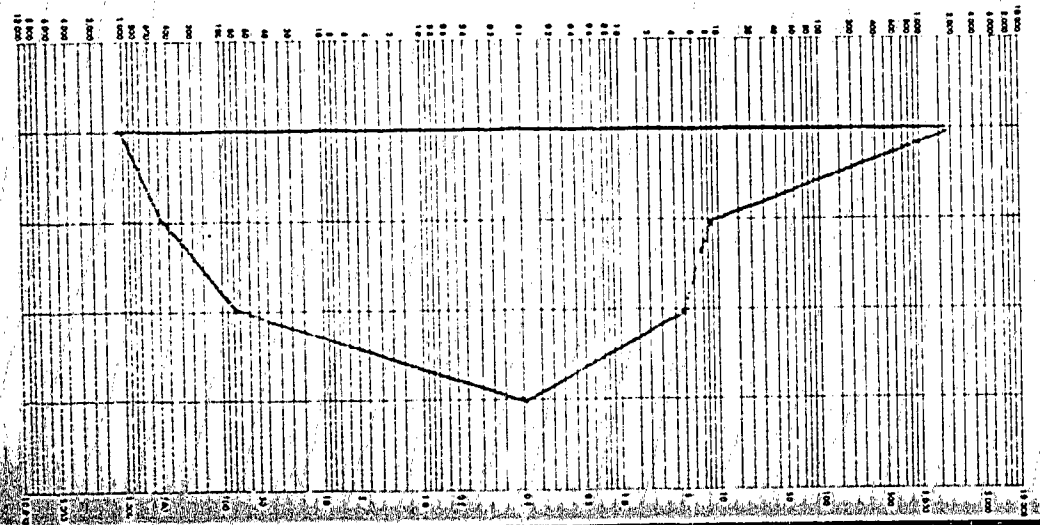
(Signed)

	Na & K	K	Ca	Mg					SO_4	Cl			CO_3	HCO_3	OH	
Mg./L	26,771		9,612	923					245	60,500			0	540	0	
Meq./L	1164.55		479.64	75.87					5.10	1706.10			-	8.86	-	
Meq. %	33.85		13.94	2.21					0.15	49.59			-	0.26	-	

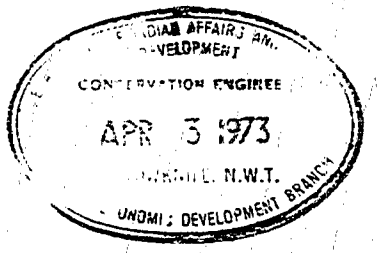
Total Solids Mg/L: By Evaporation 114,480 Fe PRESENT Specific Gravity 1.071 @60°F Observed pH 6.9 @ 67 °F

Calculated 98,591 After Ignition 94,690 H_2S PRESENT Refractive Index 1.3509 @25°C Resistivity 0.092 ohm meters @ 68 °F

Pattern Unit Meq./L



Remarks and Conclusions Analysis determined on yellow coloured water filtered from muddy water. Organic matter detected in total solids.



CHEMICAL & GEOLOGICAL LABORATORIES LTD.

WATER ANALYSIS

Lab No. F73-203-3

Received: Feb. 25,1973 Reported: Feb. 27, 1973

Well: Location: H B AMOCO S. ISLAND R. M-52

Operator: HUDSON'S BAY OIL AND GAS COMPANY LIMITED

Field or Area:

Elev.: K.B. Grd. Zone/Formation:

Sample Interval:

Method of Production:

Sampled from: 6860' KB

Sampled by:

Date: Feb. 23,1973

OTHER PERTINENT DATA

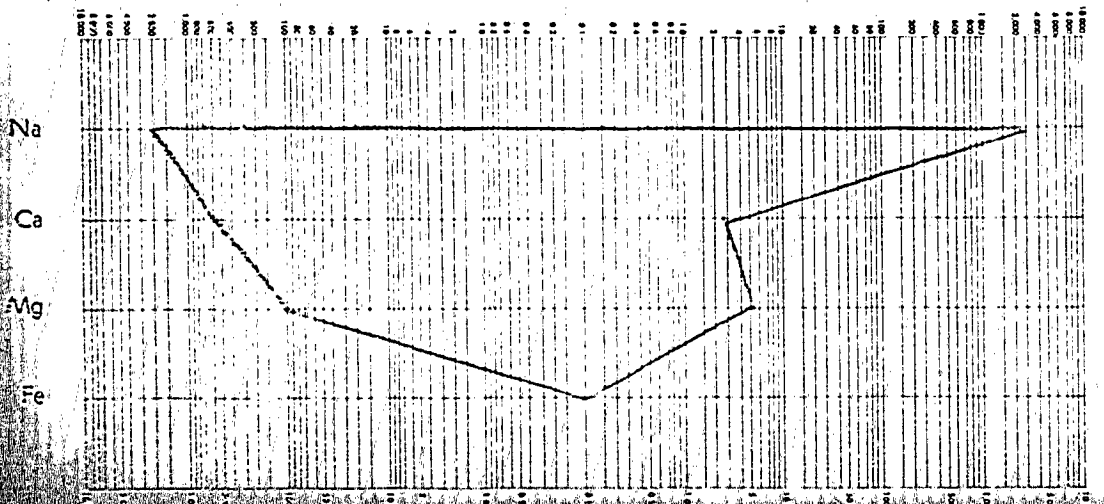
(Signed)

	Na & K	K	Ca	Mg					SO_4	Cl			CO_3	HCO_3	OH	
Mg./L	42,450		12,496	1,264					242	91,000			0	170	0	
Meq./L	1846.57		623.55	103.90					5.03	2566.20			-	2.79	-	
Meq. %	35.87		12.11	2.02					0.10	49.85			-	0.05	-	

Total Solids Mg/L: By Evaporation 170,280 FeMUCH Specific Gravity 1.103 @60°F Observed pH 6.2 @ 68 °F

Calculated 147,622 After Ignition 141,510 H_2S NIL Refractive Index 1.3590 @25°C Resistivity 0.068 ohm meters @ 68 °F

Pattern Unit Meq./L



Remarks and Conclusions Sample as received consisted of colourless water with a thin layer of black sediment. Trace of organic matter detected in total solids.



CHEMICAL & GEOLOGICAL LABORATORIES LTD.

WATER ANALYSIS

Lab No. F73-203-4

Received: Feb. 25,1973 Reported: Feb. 27,1973

Well: Location: HB AMOCO S. ISLAND R. M-52

Operator: HUDSON'S BAY OIL AND GAS COMPANY LIMITED

Field or Area:

Elev.: K.B. Grd. Zone/Formation:

Sample Interval:

Method of Production:

Sampled from: 6860' K.B.

Sampled by:

Date: Feb. 24,1973

OTHER PERTINENT DATA

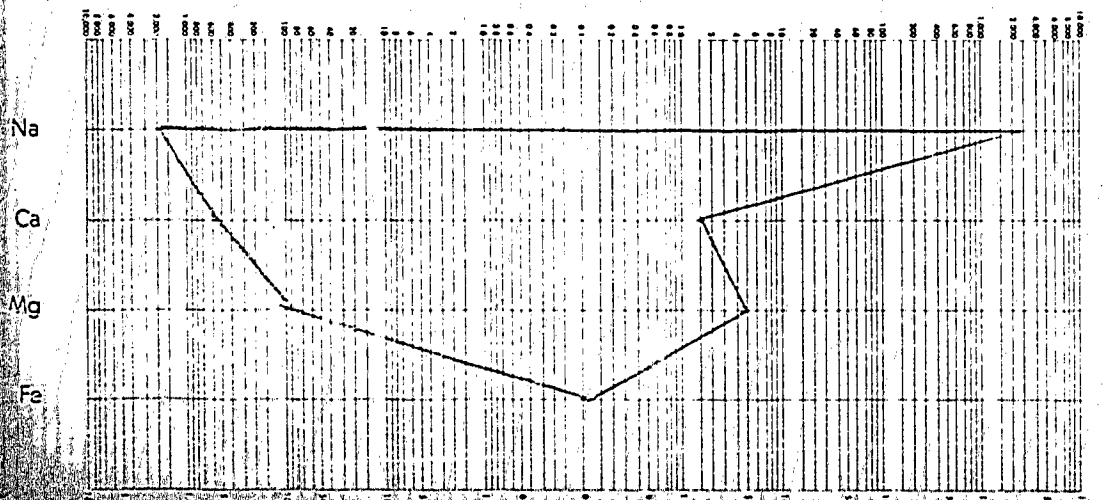
(Signed)

	Na & K	K	Ca	Mg					SO_4	Cl			CO_3	HCO_3	OH	
Mg./L	41,211		11,935	1,215					234	88,000			0	100	0	
Meq./L	1,792.68		595.56	99.87					4.87	2,481.60			-	1.64	-	
Meq. %	36.02		11.97	2.01					0.10	49.87			-	0.03	-	

Total Solids Mg/L: By Evaporation 164,590 Fe MUCH Specific Gravity 1.099 @60°F Observed pH 5.7 @ 68 °F

Calculated 142,695 After Ignition 137,090 H_2S NIL Refractive Index 1.3577 @25°C Resistivity 0.069 ohm meters @ 68 °F

Pattern Unit Meq./L



Remarks and Conclusions Sample as received consisted of colourless water with a thin layer of black sediment. Trace of organic matter detected in total solids.



JOHNSTON Schlumberger

321 - 50TH AVENUE S.E. • CALGARY 24, ALBERTA • PH 255-1151
A DIVISION OF SCHLUMBERGER CANADA LIMITED

TEST DATA

Type of Test	Open hole, Bottom hole.				
Time Started in Hole	1425	Hrs.	Tool Opened	1937	Hrs.
First Flow	5	Min.	Initial Shut-In	30	Min.
Second Flow	60	Min.	Second Shut In		Min.
Third Flow		Min.	Final Shut In	60	Min
Pulled Loose @	2235	Hrs.	Out of Hole	1030	Hrs.
Wt. Set/on Packers	30,000	#	Pulled Loose Wt.	20,000	#

Description of Blow During Test: Strong initial puff. Gas to surface in 1 minute. Strong gas blow during final flow period decreasing to good after 15 minutes, then decreasing throughout remainder of flow period with light mud spray throughout.

FLUID RECOVERY Was Test Reverse Circulated Yes ☐ No ☒

Total Fluid Recovered	1205	Ft.
Description of Fluid Recovered	1205' Drilling fluid	

GAS BLOW MEASUREMENT

Measured With: Side Static Gauge 2" I.D. Riser

Time	Sfce. Choke	Reading psi inches	M Cubic Feet/Day
Could not get a reading, side static kept freezing off.			
Estimated initial rate at 4,500 MCF at end of flow at 300 MCF.			

REMARKS: Test satisfactory.

RESISTIVITY			SALT CONTENT	
Recovery Water	@	°F.	under 2,000	ppm.
Mud Pit sample filtrate	@	°F.	under 2,000	ppm.

TOOL SEQUENCE

Tool	Length	O.D.
P.O. Sub	1.00	
Sub	1.00	
MFE Tool	9.30	
Bypass Tool	2.95	
Jars	6.80	
Safety Joint	1.73	
S.S. & Packer	9.30	7 1/2"
T.C. & Packer	6.35	7 1/2"
Total	38.43	
Stub	1.00	
Recorder	4.40	
Recorder	6.00	
Perfs	17.00	
B.N. & Perf	2.00	
Total Interval	30.40	
TOTAL LENGTH		

Elevation G.L.	2200	K.B.	2213
Bottom Hole Choke Size	1/2"		
Fluid Cushion Type	Nil	Amt.	

MUD AND HOLE DATA

Mud Type	Gel			W.L.	8.0
Filter Cake	2/32	Visc	75	Wt	9.6
Time Taken	0500 hrs.				
Contractor	Regent Drilling			Rig No.	3
Drill Pipe Size	4 1/2" XH				
Drill Collar Size	2 7/8"	I.D.	&		
Drill Collar Length	495'		&		
Main Hole Size	8 3/4"	Rat Hole			

District	Fort St. John	Ticket No.	D08169	Date	February 12, 1973
Company	Hudson's Bay Oil and Gas Company			Address	320-7 Avenue S.W.
Well Name	Amoco S Island R M-52				Calgary, Alberta
Number	60°01'51"N 121°11'05"W			Field	Island River
Formation	Slave Point	Thickness	15'	Province	N.W.T.
Interval	6950 - 6980	T.D.	6980'	Co. Rep.	K. Moore
Distribution of Reports	7 - Calgary			Technician	J. Jacob
				Attention:	N. Deese

Test No. 1 J.T. No. 1

JOHNSTON Schlumberger

JOHNSTON TESTERS

321 - 50TH AVENUE S.E. • CALGARY ALBERTA T2G 2B3 • PH. 255-1151
A DIVISION OF SCHLUMBERGER CANADA LIMITED

D08169

PRESSURE DATA

INSTRUMENT No.		AK1-2061	AK1-2104		
CAPACITY (psig)		4550	4600		
INSTRUMENT DEPTH FT.		6952	6956		
INSTRUMENT OPENING		Outside	Outside		
WELL TEMP. °F.	Broken				
INITIAL HYDROSTATIC	A	3433#			
FIRST FLOW	B	1862#			
	B-1	2137#			
INITIAL SHUT-IN	C	2225#	Clock		
SECOND FLOW	D	765#	stopped		
	D-1	629#			
SECOND SHUT-IN	E				
THIRD FLOW	F				
	F-1				
FINAL SHUT-IN	G	1189#			
FINAL HYDROSTATIC	H	3225#			

FLUID SAMPLE REPORT

Sample No. 521
Type 5"
Depth 6920'
Volume 2500 cc

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

Recovery:
Cu. Ft. Gas 0.02
cc. Oil
cc. Water
cc. Mud 2380
Total Liquid cc. 2380

REMARKS:
MFE sample drained on location.
No prints made on recorder #AK1-2104.
Fluid samples to Mr. K. Moore, gas sample to C & G Lab.

PRESSURE INCREMENTS ON RECORDER # AK1-2061

Initial Shut-In

POINT MINUTES	PRESSURE	$\frac{T + \Delta t}{\Delta t}$
0	2137	----
3	2155	2.67
6	2167	1.83
9	2179	1.56
12	2187	1.42
15	2195	1.33
18	2200	1.28
21	2206	1.24
24	2212	1.21
27	2218	1.19
30	2225	1.17

Final Shut-In

POINT MINUTES	PRESSURE	$\frac{T + \Delta t}{\Delta t}$
0	629	------
5	943	14.00
10	991	7.50
15	1028	5.33
20	1057	4.25
25	1080	3.60
30	1101	3.17
35	1118	2.86
40	1132	2.63
45	1147	2.44
50	1161	2.30
55	1174	2.18
60	1189	2.08

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

JT-1 & E-13A

JOHNSTON Schlumberger

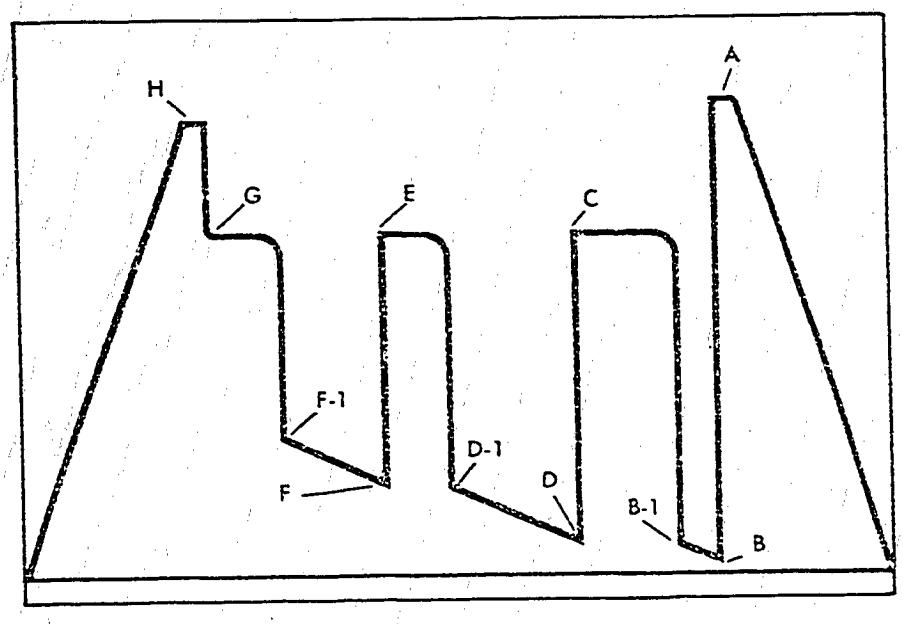
JOHNSTON TESTERS

A DIVISION OF SCHLUMBERGER CANADA LIMITED

321 - 50th AVENUE S.E. CALGARY, ALBERTA T2G 2B3

GUIDE TO IDENTIFICATION OF DRILL STEM TEST PRESSURE CHARTS

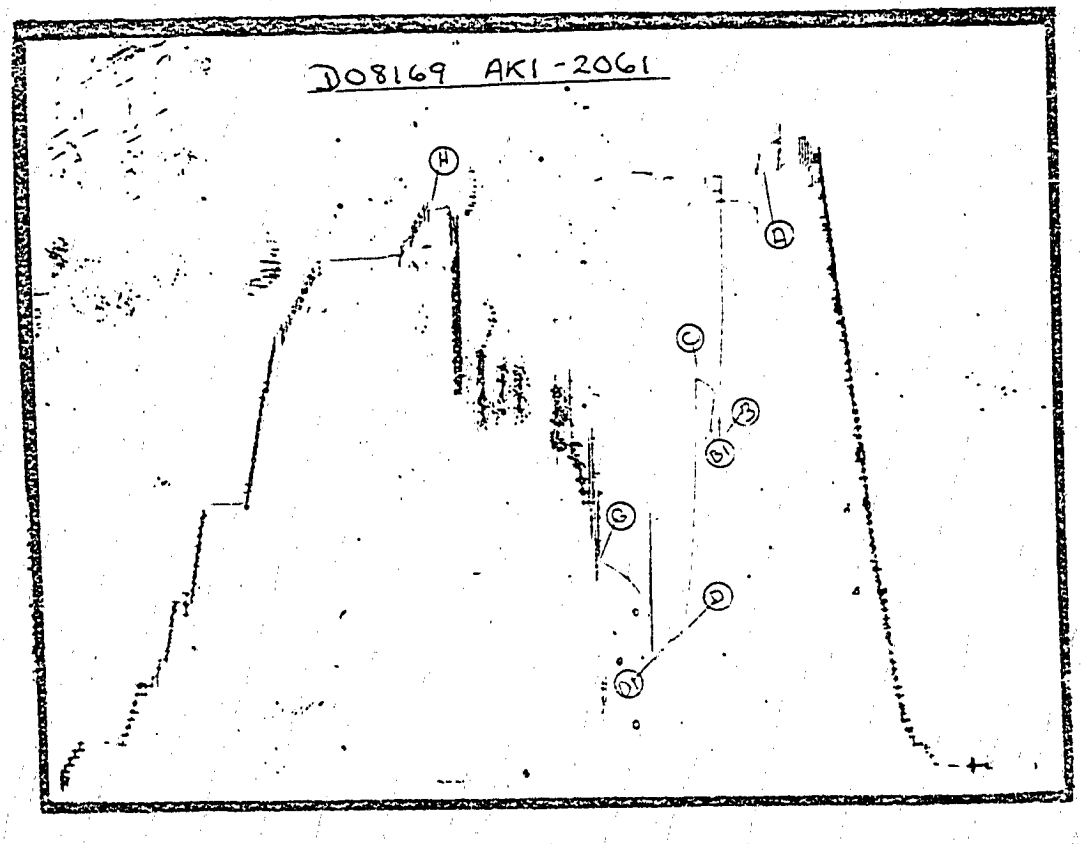
FIELD REPORT NO.	RECORDER NO.
D08169	AK1-2061



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.



Hudson's Bay Oil and Gas Company Limited

GEOLOGIC DESCRIPTIONS

WELL & LOCATION: HB AMOCO ISLAND RIVER M-52

K.B. ELEVATION: 2269' — T.D.; FORMATION: 7080' - PRESQU'ILE

SPUD DATE: JAN '73
RIG RELEASE: FEB. '73

CASING RECORD: SC AT 912'

DESCRIBED BY: D. KING

ROCK TYPES

- LIMESTONE
- DOLOMITE
- ANHYDRITE / GYPSUM
- SALT
- SHALE
- SILTSTONE
- SANDSTONE
- CONGLOMERATE
- BRECCIA, DETRITUS
- COAL
- CHERT BEDS
- IGNEOUS

MODIFIERS

- CALCAREOUS
- DOLOMITIC
- ANHYDRITIC
- ARGILLACEOUS
- SILTY
- SANDY
- BITUMINOUS
- SIDERITIC
- SILICEOUS
- ARKOSIC
- NO SAMPLE

PARTICLE SYMBOLS

- BIOCLASTIC
- AMPHIPORA
- BRACHIOPODS
- BRYOZOA
- CORAL
- CRINOID
- FISH REMAINS
- FORAMINIFERA
- CEPHALOPOD, GASTROPOD, PELECYPOD
- OSTRACOD
- STROMATOPOROID
- COATED GRAIN
- PELLETOID
- PELLET, LUMP
- OOLITH, PISOLITH
- PLANT REMAINS
- CHERT NODULES
- SALT CASTS

Py, G, F, S, C: PYRITE, GLAUCONITE, FOSSILS, SPORES, CARBONACEOUS

TYPE POROSITY: I = INTERGRANULAR; V = VUGGY; F = FRACTURE
% FRAMEWORK (PARTICLES OVER 0.032mm) 1 = 0 TO 10% 2 = 10 TO 20% etc. SORTING: G = GOOD; F = FAIR; P = POOR
ROUNDNESS (CLASTICS) A = ANGULAR; S.A. = SUB ANGULAR; S.R. = SUB ROUNDED; R = ROUNDED

DRILLSTEM TEST RESULTS

No	INTERVAL	ISI-VO-FSI	IHP-FHP-IFP-FFP-ISIP-FSIP	RESULTS — RECOVERY
1	[illegible]	[illegible]	3442 2242 762 613 2251 1193	1205' DRILLING MUD

1 of

CORED INTERVALS (FOOTAGE RECOVERY / CUT)

3.	4.	5.	6.
7.	8.	9.	10.

REVISED: FEB. 1970

TOPS, D.S.T.'S
GAMMA or S.P. TRACE etc.
DRILL TIME 2 3 4 5 10 mins

TYPE POR. — GOOD SHOW, FAIR, POOR

POR. — 20 GOOD, 10 FAIR, 5 POOR

GRAPHIC LITHOLOGY — DEPTH — CORE

GRAIN SIZE and DISTRIBUTION — CLAY 0.032, SILT 0.062, V.F. 0.125, F. 0.25, M. 0.5, C. 1.0mm, V.C.

ROUNDNESS

SORTING

% FRAMEWORK

COLOR

DESCRIPTION

SAMPLES: LAGGED ☒ TO 6700 NOT LAGGED ☒ 6700 TO T.D.

5100

5150

SH MICMIC FIRM SL FISS V SL CALC

TR SLST

6500 XLO WOB 35-50 RPM 105

50

6600

50

6700

50

6800 TRIP @ 92

XLO WOB 35-50 RPM 105

MUSKWA 6850

WOB 45 RPM 72

PRESSURE DROP

TRIP @ 6900

LOST CIRCULATION @ 6900

XLO WOB 45 RPM 72

7000

50

SH MIC-MIC FIRM SL FISS V SL CALC

AA W/ SOME BRN SH

TR SLST

TR DOL

TR DOL

TR DOL

TR DOL & SLST

TR DOL

MINOR ER F/ SH

TR PY

TR BRN LS

SH PYR FIC

LS MICROXLNE SOME ARG & BIT

DOL CRY

W DOL CRYPTOXLNE W MINOR MICROXLNE LS

AA

AA W SOME BRN

2 of 2

REGENT DRILLING LIMITED

DAY WORK RECORD

DATE March 2 / 73 REPORT NO.

PLEASE SHOW FOOTAGE MADE WHILE "CONTROL DRILLING" AS WELL AS HOURS AND ALSO RECORD CORE CUTTERS, CATCHERS, SWAB RUBBERS, ETC.

DATE March 2

WELL NAME Hudson Bay Amaco

RIG NO. 3

LOCATION LSD. M SEC. 52 TWP. ____ RGE. ____

PUMPS

MANUFACTURER	TYPE	STROKE LENGTH
NO. 1		
NO. 2		

LAST CASING SIZE	LAST CASING SET AT

EACH EMPLOYEE MUST SIGN THIS BOOK

TOUR NO. 1 MIDNIGHT TO 8 A.M. — HOURS

DRILLER

DERRICK

FLOOR

FLOOR

FLOOR

FIREMAN

MECHANIC

INJURIES

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT SURVEYS	DEGREES

NO.	DRILLING STRING		BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDITION
	STANDS	FT.																
	SINGLES	FT.																
	D C S	FT.																
	SUB	FT.	MUD	12 MID.	2 A.M.	4 A.M.	6 P.M.	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS							
	SUB	FT.	WEIGHT															
	BIT OR C B	FT.	VISCOSITY					ADDITIVES										
		FT.	PUMP PRESSURE															
	KELLY IN	FT.	R.P.M. PUMP NO. 1															
			R.P.M. PUMP NO. 2															
TOTAL		FT.	PUMP NO. 1 LINER SIZE		PUMP NO. 2 LINER SIZE													

REMARKS	TIME START	TIME STOP	TIME INT VAL

TOUR NO. 2 8 A.M. TO 4 P.M. — HOURS

DRILLER Jim Halabisky 8

DERRICK

FLOOR Harry Davis 8

FLOOR Ray McKenzie 8

FLOOR Ray Maughon 8

FIREMAN

MECHANIC

INJURIES

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT SURVEYS	DEGREES

NO.	DRILLING STRING		BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDITION
	STANDS	FT																
	SINGLES	FT																
	D C S	FT																
	SUB	FT.	MUD	8 A.M.	10 A.M.	12 NOON	2 P.M.	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS							
	SUB	FT	WEIGHT															
	BIT OR C B	FT	VISCOSITY					ADDITIVES										
		FT.	PUMP PRESSURE															
	KELLY IN	FT.	R.P.M. PUMP NO. 1															
			R.P.M. PUMP NO. 2															
TOTAL		FT.	PUMP NO. 1 LINER SIZE		PUMP NO. 2 LINER SIZE													

All Crew left 5 PM

Ray Shut Down Shut Down welded shut

REMARKS	TIME START	TIME STOP	TIME INT VAL
Finish Tearing out Rig + Camp	1 AM	3	

TOUR NO. 3 4 P.M. TO MIDNIGHT — HOURS

DRILLER Mitch Boychuk 8

DERRICK Ed Prato 8

FLOOR Reg Harrison 8

FLOOR Don Oman 8

FLOOR

FIREMAN

MECHANIC

INJURIES

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT SURVEYS	DEGREES

NO.	DRILLING STRING		BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDITION
	STANDS	FT.																
	SINGLES	FT.																
	D.C.'S	FT.																
	SUB	FT.	MUD	4 P.M.	6 P.M.	8 P.M.	10 P.M.	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS							
	SUB	FT.	WEIGHT															
	BIT OR C.B.	FT.	VISCOSITY					ADDITIVES										
		FT.	PUMP PRESSURE															
	KELLY IN	FT.	R.P.M. PUMP NO. 1															
			R.P.M. PUMP NO. 2															
TOTAL		FT.	PUMP NO. 1 LINER SIZE		PUMP NO. 2 LINER SIZE													

Key Left for Nelson 6 PM

REMARKS	TIME START	TIME STOP	TIME INT VAL
Finish Tearing out Rig + Camp			

DRILL PIPE SIZE	TYPE	TOTAL NO. OF JOINTS	DATE LAST SONOSCOPED	FOOTAGE DRILLED SINCE LAST SONOSCOPED	TOTAL FOOTAGE DRILLED	LAST CALIPER DATE	RESULTS	CODE LETTER OF STRING

B.O.P.'S TESTED	ELAPSED TIME	PRESSURE	RESULTS	TCTCO RING ON BIT NO.

TOOLPUSHER R Wardell

APPROVED BY ____

REGENT DRILLING LIMITED

DAY WORK RECORD

DATE March 1/73 REPORT NO.

PLEASE SHOW FOOTAGE MADE WHILE "CONTROL DRILLING" AS WELL AS HOURS AND ALSO RECORD CORE CUTTERS, CATCHERS, SWAB RUBBERS, ETC.

DATE March 1/73 WELL NAME Hudson Bay M 52

RIG NO. 3 LOCATION LSD. M SEC. 52 TWP. ____ RGE. ____

PUMPS

MANUFACTURER	TYPE	STROKE LENGTH
NO. 1		
NO. 2		

LAST CASING SIZE	LAST CASING SET AT

EACH EMPLOYEE MUST SIGN THIS BOOK

TOUR NO. 1 MIDNIGHT TO 8 A.M.

	HOURS
DRILLER	
DERRICK	
FLOOR	
FLOOR	
FLOOR	
FIREMAN	
MECHANIC	
INJURIES	

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT

TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT	SURVEYS	DEGREES

NO.	DRILLING STRING		BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDITION
	STANDS	FT.																
	SINGLES	FT.																
	D C S	FT.																
	SUB	FT.	MUD	12 MID.	2 A.M.	4 A.M.	6 P.M.	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS							
	SUB	FT.	WEIGHT															
	BIT OR C B	FT.	VISCOSITY					ADDITIVES										
		FT.	PUMP PRESSURE															
	KELLY IN	FT.	R.P.M. PUMP NO 1															
TOTAL		FT.	R.P.M. PUMP NO 2															
			PUMP NO. 1 LINER SIZE			PUMP NO. 2 LINER SIZE												

REMARKS	TIME START	TIME STOP	TIME INT VAL

TOUR NO. 2 8 A.M. TO 4 P.M.

	HOURS
DRILLER Jim Halabicky	13
DERRICK	
FLOOR Harry Davies	13
FLOOR Ray McKenzie	13
FLOOR Ray Maughan	13
FIREMAN	
MECHANIC	
INJURIES	

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT

TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT	SURVEYS	DEGREES

NO.	DRILLING STRING		BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDITION
	STANDS	FT																
	SINGLES	FT																
	D C 'S	FT																
	SUB	FT.	MUD	8 A M	10 A.M.	12 NOON	2 P.M.	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS							
	SUB	FT	WEIGHT															
	BIT OR C B	FT	VISCOSITY					ADDITIVES										
		FT	PUMP PRESSURE															
	KELLY IN	FT.	R.P.M PUMP NO 1															
TOTAL		FT	R.P.M. PUMP NO 2															
			PUMP NO. 1 LINER SIZE			PUMP NO. 2 LINER SIZE												

REMARKS
Tear out Rig

TOUR NO. 3 4 P.M. TO MIDNIGHT

	HOURS
DRILLER Mitch Boychuk	13
DERRICK Ed Prato	13
FLOOR R Harrison	13
FLOOR D Oman	12
FLOOR	
FIREMAN	
MECHANIC	
INJURIES	

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT

TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT	SURVEYS	DEGREES

NO.	DRILLING STRING		BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDITION
	STANDS	FT.																
	SINGLES	FT.																
	D.C.'S	FT.																
	SUB	FT.	MUD	4 P.M.	6 P.M.	8 P.M.	10 P.M.	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS							
	SUB	FT.	WEIGHT															
	BIT OR C.B.	FT.	VISCOSITY					ADDITIVES										
		FT.	PUMP PRESSURE															
	KELLY IN	FT.	R.P.M. PUMP NO. 1															
TOTAL		FT.	R.P.M. PUMP NO. 2															
			PUMP NO. 1 LINER SIZE			PUMP NO. 2 LINER SIZE												

REMARKS	
Tear out Rig	13.

DRILL PIPE SIZE	TYPE	TOTAL NO. OF JOINTS	DATE LAST SONOSCOPED	FOOTAGE DRILLED SINCE LAST SONOSCOPED	TOTAL FOOTAGE DRILLED	LAST CALIPER DATE	RESULTS	CODE LETTER OF STRING

B.O.P.'S TESTED	ELAPSED TIME	PRESSURE	RESULTS	TOTCO RING ON BIT NO.

TOOLPUSHER K Marshall

APPROVED BY ____

REGENT DRILLING LIMITED

DAY WORK RECORD

DATE Feb 28/73 REPORT NO.

PLEASE SHOW FOOTAGE MADE WHILE "CONTROL DRILLING" AS WELL AS HOURS AND ALSO RECORD CORE CUTTERS, CATCHERS, SWAB RUBBERS, ETC.

DATE Feb. 28/73 WELL NAME H.B. Amoco. 30-15 Rivd No 7

RIG NO. LOCATION LSD. SEC. TWP. RGE.

PUMPS

MANUFACTURER	TYPE	STROKE LENGTH
NO. 1		
NO. 2		

LAST CASING SIZE | LAST CASING SET AT

EACH EMPLOYEE MUST SIGN THIS BOOK

TOUR NO. 1 MIDNIGHT TO 8 A.M.

	HOURS
DRILLER Mitch Pawlick	12
DERRICK Ed Pinto	12
FLOOR R Harrison	4
FLOOR D Oman	12
FLOOR ~~H Ennett~~	
FIREMAN	
MECHANIC	
INJURIES	

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT SURVEYS	DEGREES

NO.	DRILLING STRING		BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDITION
	STANDS	FT.																
	SINGLES	FT.																
	D.C.'S	FT.																
	SUB	FT.	MUD	12 MID.	2 A.M.	4 A.M.	6 P.M.	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS							
	SUB	FT.	WEIGHT								Set Otis HX Plug @ 6888.							
	BIT OR C.B.	FT.	VISCOSITY					ADDITIVES			Ran 30 sk Cement - 2% HR4 Retarter.							
		FT.	PUMP PRESSURE								6880 To 6660. Plug Down @ 6.45 AM Feb. 28/73							
	KELLY IN	FT.	R.P.M. PUMP NO. 1								BBM							
			R.P.M. PUMP NO. 2															
TOTAL		FT.	PUMP NO. 1 LINER SIZE			PUMP NO. 2 LINER SIZE												

REMARKS	TIME START	TIME STOP	TIME INT VAL
Run & Set Plug	12:00	2:00	2
Type HX Otis @ 6888			
Dismantle well head &	2:00		
Set Ready Mix Cement		6:30	4½
Pull Plug	6:30	6:45	¼
Lay Down Tubing	6:45	8:00	1¼

TOUR NO. 2 8 A.M. TO 4 P.M.

	HOURS
DRILLER Jim Robertson	9
DERRICK	
FLOOR Thorp Fraser	13
FLOOR Ray McKenzie	9
FLOOR Ray Naughton	9
FIREMAN	
MECHANIC	
INJURIES	

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT SURVEYS	DEGREES

NO.	DRILLING STRING		BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDITION
	STANDS	FT.																
	SINGLES	FT.																
	D.C.'S	FT.																
	SUB	FT.	MUD	8 A.M.	10 A.M.	12 NOON	2 P.M.	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS							
	SUB	FT.	WEIGHT								Rig Released @ 6.00 P.M. Feb. 28/73							
	BIT OR C.B.	FT.	VISCOSITY					ADDITIVES			BBM							
		FT.	PUMP PRESSURE															
	KELLY IN	FT.	R.P.M. PUMP NO. 1															
			R.P.M. PUMP NO. 2															
TOTAL		FT.	PUMP NO. 1 LINER SIZE			PUMP NO. 2 LINER SIZE												

REMARKS	TIME START	TIME STOP	TIME INT VAL
Lay down 2⅞ Tubing	4	1:30	
Clean out Cellar. To Cut of Csg @ 1:30.			
Cut Csg. 10¾ + 5½ welded on Cap.			
Clean up & Bolt			
Weld Head Together		6:00	

TOUR NO. 3 4 P.M. TO MIDNIGHT

	HOURS
DRILLER	
DERRICK	
FLOOR	
FLOOR	
FLOOR	
FIREMAN	
MECHANIC	
INJURIES	

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT SURVEYS	DEGREES

NO.	DRILLING STRING		BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDITION
	STANDS	FT.																
	SINGLES	FT.																
	D.C.'S	FT.																
	SUB	FT.	MUD	4 P.M.	6 P.M.	8 P.M.	10 P.M.	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS							
	SUB	FT.	WEIGHT															
	BIT OR C.B.	FT.	VISCOSITY					ADDITIVES										
		FT.	PUMP PRESSURE															
	KELLY IN	FT.	R.P.M. PUMP NO. 1															
			R.P.M. PUMP NO. 2															
TOTAL		FT.	PUMP NO. 1 LINER SIZE			PUMP NO. 2 LINER SIZE												

DRILL PIPE SIZE	TYPE	TOTAL NO. OF JOINTS	DATE LAST SONOSCOPED	FOOTAGE DRILLED SINCE LAST SONOSCOPED	TOTAL FOOTAGE DRILLED	LAST CALIPER DATE	RESULTS	CODE LETTER OF STRING

B.O.P.'S TESTED	ELAPSED TIME	PRESSURE	RESULTS	TOTCO RING ON BIT NO.

TOOLPUSHER L Marshall

APPROVED BY

REGENT DRILLING LIMITED

DAY WORK RECORD

DATE Feb 27/73 REPORT NO.

WELL NAME Hudson Bay Amoco S Island

DATE Feb 27/73

RIG NO. 3

LOCATION LSD. M SEC. 52 TWP. RGE.

PLEASE SHOW FOOTAGE MADE WHILE "CONTROL DRILLING" AS WELL AS HOURS AND ALSO RECORD CORE CUTTERS, CATCHERS, SWAB RUBBERS, ETC.

PUMPS

MANUFACTURER	TYPE	STROKE LENGTH
NO. 1		
NO. 2		

LAST CASING SIZE	LAST CASING SET AT

TOUR NO. 1 MIDNIGHT TO 8 A.M.

EACH EMPLOYEE MUST SIGN THIS BOOK	HOURS
DRILLER	
DERRICK	
FLOOR R. HARRISON	8
FLOOR	
FLOOR	
FIREMAN	
MECHANIC	
INJURIES	

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT

TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT SURVEYS	DEGREES

NO.	DRILLING STRING		BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDITION
	STANDS	FT.																
	SINGLES	FT.																
	D C 'S	FT.																
	SUB	FT.	MUD	12 MID.	2 A.M.	4 A.M.	6 P.M.	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS							
	SUB	FT.	WEIGHT															
	BIT OR C B	FT.	VISCOSITY					ADDITIVES										
		FT.	PUMP PRESSURE															
	KELLY IN	FT.	R.P.M. PUMP NO. 1															
			R.P.M. PUMP NO. 2															
TOTAL		FT.	PUMP NO. 1 LINER SIZE			PUMP NO. 2 LINER SIZE												

REMARKS	TIME START	TIME STOP	TIME INT VAL
W.O.O To Abandon hole	8		

TOUR NO. 2 8 A.M. TO 4 P.M.

	HOURS
DRILLER J. HALABISKY	8
DERRICK	
FLOOR H. DAVIES	8
FLOOR R. McKENZIE	8
FLOOR R. MAUGHAN	8
FIREMAN	
MECHANIC	
INJURIES	

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT

TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT SURVEYS	DEGREES

NO.	DRILLING STRING		BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDITION
	STANDS	FT.																
	SINGLES	FT.																
	D C 'S	FT.																
	SUB	FT.	MUD	8 A.M.	10 A.M.	12 NOON	2 P.M.	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS							
	SUB	FT.	WEIGHT															
	BIT OR C B.	FT.	VISCOSITY					ADDITIVES										
		FT.	PUMP PRESSURE															
	KELLY IN	FT.	R.P.M. PUMP NO. 1															
			R.P.M. PUMP NO. 2															
TOTAL		FT.	PUMP NO. 1 LINER SIZE			PUMP NO. 2 LINER SIZE												

REMARKS
W O O

TOUR NO. 3 4 P.M. TO MIDNIGHT

	HOURS
DRILLER MITCH BOUCHER	8
DERRICK ED PRATO	8
FLOOR	
FLOOR DON OMAN	8
FLOOR	
FIREMAN	
MECHANIC	
INJURIES	

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT

TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT SURVEYS	DEGREES

NO.	DRILLING STRING		BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDITION
	STANDS	FT.																
	SINGLES	FT.																
	D.C.'S	FT.																
	SUB	FT.	MUD	4 P.M.	6 P.M.	8 P.M.	10 P.M.	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS							
	SUB	FT.	WEIGHT															
	BIT OR C.B.	FT.	VISCOSITY					ADDITIVES										
		FT.	PUMP PRESSURE															
	KELLY IN	FT.	R.P.M. PUMP NO. 1															
			R.P.M. PUMP NO. 2															
TOTAL		FT.	PUMP NO. 1 LINER SIZE			PUMP NO. 2 LINER SIZE												

REMARKS	TIME START	TIME STOP	TIME INT VAL
W O O			
	11:00	11:00	7
	11:00	12:00	1

DRILL PIPE SIZE	TYPE	TOTAL NO. OF JOINTS	DATE LAST SONOSCOPED	FOOTAGE DRILLED SINCE LAST SONOSCOPED	TOTAL FOOTAGE DRILLED	LAST CALIPER DATE	RESULTS	CODE LETTER OF STRING

B.O.P.'S TESTED	ELAPSED TIME	PRESSURE	RESULTS	TOTCO RING ON BIT NO.

TOOLPUSHER L Blanchard

APPROVED BY

REGENT DRILLING LIMITED

DAY WORK RECORD

DATE Feb 26 | WELL NAME Hudson Bay Amoco S Island R. | DATE Feb 26/73 | REPORT NO.

RIG NO. 3 | LOCATION LSD. M SEC. 52 TWP. ____ RGE. ____

PLEASE SHOW FOOTAGE MADE WHILE "CONTROL DRILLING" AS WELL AS HOURS AND ALSO RECORD CORE CUTTERS, CATCHERS, SWAB RUBBERS, ETC.

PUMPS

MANUFACTURER	TYPE	STROKE LENGTH
NO. 1		
NO. 2		

LAST CASING SIZE | LAST CASING SET AT

EACH EMPLOYEE MUST SIGN THIS BOOK

TOUR NO. 1 MIDNIGHT TO 8 A.M.

	HOURS
DRILLER	
DERRICK	
FLOOR R. Harrison	8
FLOOR	
FLOOR	
FIREMAN	
MECHANIC	
INJURIES	

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT	SURVEYS	DEGREES

NO.	DRILLING STRING		BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDITION
	STANDS	FT.																
	SINGLES	FT.																
	D C S	FT.																
	SUB	FT.	MUD	12 MID.	2 A.M.	4 A.M.	6 P.M.	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS							
	SUB	FT.	WEIGHT															
	BIT OR C B	FT.	VISCOSITY					ADDITIVES										
		FT.	PUMP PRESSURE															
	KELLY IN	FT.	R.P.M. PUMP NO 1															
			R.P.M. PUMP NO 2															
TOTAL		FT.	PUMP NO. 1 LINER SIZE			PUMP NO. 2 LINER SIZE												

REMARKS

TIME	START	STOP	INT VAL
	8		

W.O.O To Abandon Hole

TOUR NO. 2 8 A.M. TO 4 P.M.

	HOURS
DRILLER G. McKinley	8
DERRICK	
FLOOR T. Finn	8
FLOOR K. McKenzie	8
FLOOR K. Mayhew	8
FIREMAN	
MECHANIC	
INJURIES	

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT	SURVEYS	DEGREES

NO.	DRILLING STRING		BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDITION
	STANDS	FT																
	SINGLES	FT																
	D C 'S	FT																
	SUB	FT.	MUD	8 A M	10 A M	12 NOON	2 P M	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS							
	SUB	FT	WEIGHT															
	BIT OR C B	FT	VISCOSITY					ADDITIVES										
		FT	PUMP PRESSURE															
	KELLY IN	FT.	R P M. PUMP NO 1															
			R P M PUMP NO 2															
TOTAL		FT	PUMP NO. 1 LINER SIZE			PUMP NO. 2 LINER SIZE												

REMARKS

TIME	START	STOP	INT VAL
			½

Wait to start kelly

TOUR NO. 3 4 P.M. TO MIDNIGHT

	HOURS
DRILLER Mitch Boychuk	8
DERRICK ED Peats	8
FLOOR D OMAR	8
FLOOR	
FLOOR	
FIREMAN	
MECHANIC	
INJURIES	

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT	SURVEYS	DEGREES

NO.	DRILLING STRING		BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDITION
	STANDS	FT.																
	SINGLES	FT.																
	D.C.'S	FT.																
	SUB	FT.	MUD	4 P M	6 P M.	8 P M	10 P M.	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS							
	SUB	FT.	WEIGHT															
	BIT OR C.B.	FT.	VISCOSITY					ADDITIVES										
		FT	PUMP PRESSURE															
	KELLY IN	FT.	R.P.M. PUMP NO. 1															
			R.P.M. PUMP NO 2															
TOTAL		FT.	PUMP NO. 1 LINER SIZE			PUMP NO. 2 LINER SIZE												

REMARKS

TIME	START	STOP	INT VAL
			1

Wait to Mantain Rig.

DRILL PIPE SIZE	TYPE	TOTAL NO. OF JOINTS	DATE LAST SONOSCOPED	FOOTAGE DRILLED SINCE LAST SONOSCOPED	TOTAL FOOTAGE DRILLED	LAST CALIPER DATE	RESULTS	CODE LETTER OF STRING

B.O.P.'S TESTED	ELAPSED TIME	PRESSURE	RESULTS	TOTCO RING ON BIT NO.

TOOLPUSHER G. Wardell

APPROVED BY ____

REGENT DRILLING LIMITED

DAY WORK RECORD

DATE February 25/73 REPORT NO.

WELL NAME Hudson Bay Climax S. Saskatch. DATE Feb. 25/73

RIG NO. LOCATION LSD. M SEC. 52 TWP. RGE.

PLEASE SHOW FOOTAGE MADE WHILE "CONTROL DRILLING" AS WELL AS HOURS AND ALSO RECORD CORE CUTTERS, CATCHERS, SWAB RUBBERS, ETC.

PUMPS

MANUFACTURER	TYPE	STROKE LENGTH
NO. 1		
NO. 2		

LAST CASING SIZE | LAST CASING SET AT

EACH EMPLOYEE MUST SIGN THIS BOOK

TOUR NO. 1 MIDNIGHT TO 8 A.M.

	HOURS
DRILLER	
DERRICK	
FLOOR P. Harrison	8
FLOOR	
FLOOR	
FIREMAN	
MECHANIC	
INJURIES	

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT SURVEYS DEGREES

NO.	DRILLING STRING		BITS RUN NO	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDITION
	STANDS	FT.																
	SINGLES	FT																
	D C 'S	FT.																
	SUB	FT.																
	SUB	FT.																
	BIT OR C B	FT.																
		FT																
	KELLY IN	FT.																
TOTAL		FT.																

MUD	12 MID.	2 A.M.	4 A.M.	6 P.M.	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS
WEIGHT								
VISCOSITY					ADDITIVES			
PUMP PRESSURE								
R.P.M. PUMP NO 1								
R.P.M. PUMP NO 2								
PUMP NO. 1 LINER SIZE		PUMP NO. 2 LINER SIZE						

REMARKS	TIME START	TIME STOP	TIME INT VAL

TOUR NO. 2 8 A.M. TO 4 P.M.

	HOURS
DRILLER J. Halabisky	8
DERRICK	
FLOOR H. Simpson	8
FLOOR R. McKenzie	8
FLOOR L Maughan	8
FIREMAN	
MECHANIC	
INJURIES	

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT SURVEYS DEGREES

NO.	DRILLING STRING		BITS RUN NO	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDITION
	STANDS	FT																
	SINGLES	FT																
	D C 'S	FT																
	SUB	FT.																
	SUB	FT																
	BIT OR C B	FT																
		FT																
	KELLY IN	FT.																
TOTAL		FT																

MUD	8 A.M	10 A.M.	12 NOON	2 P.M	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS
WEIGHT								
VISCOSITY					ADDITIVES			
PUMP PRESSURE								
R.P.M. PUMP NO.1								
R.P.M. PUMP NO.2								
PUMP NO. 1 LINER SIZE		PUMP NO. 2 LINER SIZE						

REMARKS	TIME START	TIME STOP	TIME INT VAL
Wait to abandon hole			8

TOUR NO. 3 4 P.M. TO MIDNIGHT

	HOURS
DRILLER Mitch Baychuk	8
DERRICK Ed Porto	8
FLOOR	
FLOOR D Omar	8
FLOOR	
FIREMAN	
MECHANIC	
INJURIES NIL	

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT SURVEYS DEGREES

NO.	DRILLING STRING		BITS RUN NO	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDITION
	STANDS	FT.																
	SINGLES	FT.																
	D.C.'S	FT.																
	SUB	FT.																
	SUB	FT.																
	BIT OR C.B.	FT.																
		FT.																
	KELLY IN	FT.																
TOTAL		FT.																

MUD	4 P.M	6 P.M.	8 P.M.	10 P.M	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS
WEIGHT								
VISCOSITY					ADDITIVES			
PUMP PRESSURE								
R.P.M. PUMP NO. 1								
R.P.M. PUMP NO. 2								
PUMP NO. 1 LINER SIZE		PUMP NO. 2 LINER SIZE						

REMARKS	TIME START	TIME STOP	TIME INT VAL
Clean to Abandon hole			8

DRILL PIPE SIZE	TYPE	TOTAL NO. OF JOINTS	DATE LAST SONOSCOPED	FOOTAGE DRILLED SINCE LAST SONOSCOPED	TOTAL FOOTAGE DRILLED	LAST CALIPER DATE	RESULTS	CODE LETTER OF STRING

B.O.P.'S TESTED	ELAPSED TIME	PRESSURE	RESULTS	TOTCO RING ON BIT NO.

TOOLPUSHER L Marshall

APPROVED BY

REGENT DRILLING LIMITED

DAY WORK RECORD

DATE Feb 24/73 REPORT NO.

WELL NAME Hudson Bay Arcee K. Island R

DATE Feb 24/73

RIG NO.

LOCATION LSD. M SEC. 52 TWP. RGE.

PLEASE SHOW FOOTAGE MADE WHILE "CONTROL DRILLING" AS WELL AS HOURS AND ALSO RECORD CORE CUTTERS, CATCHERS, SWAB RUBBERS, ETC.

PUMPS

MANUFACTURER	TYPE	STROKE LENGTH
NO. 1		
NO. 2		

LAST CASING SIZE	LAST CASING SET AT

EACH EMPLOYEE MUST SIGN THIS BOOK

TOUR NO. 1 MIDNIGHT TO 8 A.M.

	HOURS
DRILLER	
DERRICK	
FLOOR Reg Harrison	8
FLOOR	
FLOOR	
FIREMAN	
MECHANIC	
INJURIES	

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT	SURVEYS	DEGREES

NO.	DRILLING STRING		BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDITION
	STANDS	FT.																
	SINGLES	FT.																
	D C S	FT.																
	SUB	FT.	MUD	12 MID.	2 A.M.	4 A.M.	6 P.M.	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS							
	SUB	FT.	WEIGHT															
	BIT OR C B	FT.	VISCOSITY					ADDITIVES										
		FT.	PUMP PRESSURE															
	KELLY IN	FT.	R P M PUMP NO 1															
			R P M. PUMP NO 2															
TOTAL		FT.	PUMP NO 1 LINER SIZE		PUMP NO 2 LINER SIZE													

REMARKS	TIME START	TIME STOP	TIME INT VAL

TOUR NO. 2 8 A.M. TO 4 P.M.

	HOURS
DRILLER J. Halabitsky	8
DERRICK	
FLOOR H Davies	8
FLOOR Ray McKenzie	8
FLOOR Ray Monghan	8
FIREMAN	
MECHANIC	
INJURIES	

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT	SURVEYS	DEGREES

NO.	DRILLING STRING		BITS RUN NO	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDITION
	STANDS	FT																
	SINGLES	FT																
	D C 'S	FT																
	SUB	FT.	MUD	8 A.M.	10 A.M.	12 NOON	2 P.M.	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS							
	SUB	FT	WEIGHT															
	BIT OR C B	FT	VISCOSITY					ADDITIVES										
		FT	PUMP PRESSURE															
	KELLY IN	FT	R P M PUMP NO 1															
			R P M. PUMP NO 2															
TOTAL		FT	PUMP NO 1 LINER SIZE		PUMP NO 2 LINER SIZE													

REMARKS
W.O.C.
Casing

TOUR NO. 3 4 P.M. TO MIDNIGHT

	HOURS
DRILLER Mitch Laychuk	8
DERRICK ED PRATO	8
FLOOR D. OMAN	8
FLOOR	
FLOOR	
FIREMAN	
MECHANIC	
INJURIES	

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT	SURVEYS	DEGREES

NO.	DRILLING STRING		BITS RUN NO	SIZE	NOZZLE SIZE	SERIAL NO	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDITION
	STANDS	FT.																
	SINGLES	FT.																
	D C 'S	FT.																
	SUB	FT.	MUD	4 P.M.	6 P.M.	8 P.M.	10 P.M.	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS							
	SUB	FT.	WEIGHT															
	BIT OR C B.	FT.	VISCOSITY					ADDITIVES										
		FT	PUMP PRESSURE															
	KELLY IN	FT.	R.P.M. PUMP NO 1															
			R.P.M. PUMP NO 2															
TOTAL		FT.	PUMP NO 1 LINER SIZE		PUMP NO. 2 LINER SIZE													

REMARKS		
W.O.C. To ABANDON hole	8	

DRILL PIPE SIZE	TYPE	TOTAL NO. OF JOINTS	DATE LAST SONOSCOPED	FOOTAGE DRILLED SINCE LAST SONOSCOPED	TOTAL FOOTAGE DRILLED	LAST CALIPER DATE	RESULTS	CODE LETTER OF STRING

B.O.P.'S TESTED	ELAPSED TIME	PRESSURE	RESULTS	TOTCO RING ON BIT NO.

TOOLPUSHER K Mundell

APPROVED BY

REGENT DRILLING LIMITED

R. 1952

DAY WORK RECORD

DATE Feb 23/73 REPORT NO.

DATE Feb 23/73 WELL NAME Hudson Bay Amaco S

RIG NO. 3 LOCATION LSD. ____ SEC. ____ TWP. ____ RGE. ____

PLEASE SHOW FOOTAGE MADE WHILE "CONTROL DRILLING" AS WELL AS HOURS AND ALSO RECORD CORE CUTTERS, CATCHERS, SWAB RUBBERS, ETC.

PUMPS

MANUFACTURER	TYPE	STROKE LENGTH
NO. 1		
NO. 2		

LAST CASING SIZE ____ LAST CASING SET AT ____

EACH EMPLOYEE MUST SIGN THIS BOOK

TOUR NO. 1 MIDNIGHT TO 8 A.M.

	HOURS
DRILLER M. BOYCHUK	8
DERRICK ED PRATO	8
FLOOR REG HARRISON	8
FLOOR D CMAN	8
FLOOR	
FIREMAN	
MECHANIC	
INJURIES	

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT SURVEYS DEGREES

NO.	DRILLING STRING		BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDITION
	STANDS	FT.																
	SINGLES	FT.																
	D C S	FT.																
	SUB	FT.																
	SUB	FT.																
	BIT OR C B	FT.																
		FT.																
	KELLY IN	FT.																
TOTAL		FT.																

MUD	12 MID.	2 A.M.	4 A.M.	6 P.M.	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS
WEIGHT								
VISCOSITY					ADDITIVES			
PUMP PRESSURE								
R.P.M. PUMP NO. 1								
R.P.M. PUMP NO. 2								
PUMP NO. 1 LINER SIZE			PUMP NO. 2 LINER SIZE					

REMARKS	TIME START	TIME STOP	TIME INT VAL
2 Crews on daylight shift			

TOUR NO. 2 8 A.M. TO 4 P.M.

	HOURS
DRILLER S. HALABISKY	8
DERRICK	
FLOOR H. DAVIES	8
FLOOR R MCKENZIE	8
FLOOR R MAUGHAN	8
FIREMAN	
MECHANIC	
INJURIES	

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D C S	D C WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT SURVEYS DEGREES

NO.	DRILLING STRING		BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDITION
	STANDS	FT																
	SINGLES	FT																
	D C S	FT																
	SUB	FT.																
	SUB	FT																
	BIT OR C B	FT																
		FT																
	KELLY IN	FT.																
TOTAL		FT																

MUD	8 A M	10 A M	12 NOON	2 P M	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS
WEIGHT								
VISCOSITY					ADDITIVES			
PUMP PRESSURE								
R.P.M. PUMP NO.1								
R.P.M. PUMP NO.2								
PUMP NO. 1 LINER SIZE			PUMP NO. 2 LINER SIZE					

REMARKS	TIME START	TIME STOP	TIME INT VAL
Tour out Rig unit move with 3 trucks moved Stopped By Hudson Bay Co Gauges at 9.30 A M	8	9.30	1½
Rig up Truck Relieves at 12 noon	9.30	12	2½
Set up pipe rack rig up steam and water lines started rig Loulin	12	4	4

TOUR NO. 3 4 P.M. TO MIDNIGHT

	HOURS
DRILLER	
DERRICK	
FLOOR	
FLOOR	
FLOOR	
FIREMAN	
MECHANIC	
INJURIES	

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D C S	D C WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT SURVEYS DEGREES

NO.	DRILLING STRING		BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDITION
	STANDS	FT.																
	SINGLES	FT.																
	D C 'S	FT.																
	SUB	FT.																
	SUB	FT																
	BIT OR C B	FT.																
		FT.																
	KELLY IN	FT																
TOTAL		FT.																

MUD	4 P M	6 P M	8 P M	10 P M	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS
WEIGHT								
VISCOSITY					ADDITIVES			
PUMP PRESSURE								
R.P.M. PUMP NO. 1								
R.P.M. PUMP NO. 2								
PUMP NO. 1 LINER SIZE			PUMP NO. 2 LINER SIZE					

REMARKS
No Crew on after noon shift

DRILL PIPE SIZE	TYPE	TOTAL NO. OF JOINTS	DATE LAST SONOSCOPED	FOOTAGE DRILLED SINCE LAST SONOSCOPED	TOTAL FOOTAGE DRILLED	LAST CALIPER DATE	RESULTS	CODE LETTER OF STRING

B.O.P.'S TESTED	ELAPSED TIME	PRESSURE	RESULTS	TOTCO RING ON BIT NO.

TOOLPUSHER L Marshall

APPROVED BY ____

REGENT DRILLING LIMITED

DAY WORK RECORD

DATE FEB.22/73 REPORT NO.

PLEASE SHOW FOOTAGE MADE WHILE "CONTROL DRILLING" AS WELL AS HOURS AND ALSO RECORD CORE CUTTERS, CATCHERS, SWAB RUBBERS, ETC.

DATE FEB 22 WELL NAME HB. Amoco S.T River M-52

RIG NO. 3 LOCATION LSD. SEC. TWP. RGE.

PUMPS

MANUFACTURER	TYPE	STROKE LENGTH
NO. 1		
NO. 2		

LAST CASING SIZE | LAST CASING SET AT

EACH EMPLOYEE MUST SIGN THIS BOOK

TOUR NO. 1 MIDNIGHT TO 8 A.M.

	HOURS
DRILLER Mitch Boychuk	8
DERRICK Ed Pesto	8
FLOOR Reg Harrison	8
FLOOR Don Oman	8
FLOOR	
FIREMAN	
MECHANIC	
INJURIES	

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT SURVEYS	DEGREES

NO.	DRILLING STRING		BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDITION
	STANDS	FT.																
	SINGLES	FT.																
	D C S	FT.																
	SUB	FT.	MUD	12 MID.	2 A.M.	4 A.M.	6 P.M.	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS							
	SUB	FT.	WEIGHT															
	BIT OR C B	FT.	VISCOSITY					ADDITIVES										
		FT.	PUMP PRESSURE															
	KELLY IN	FT.	R.P.M. PUMP NO 1															
			R.P.M. PUMP NO 2															
TOTAL		FT.	PUMP NO. 1 LINER SIZE		PUMP NO. 2 LINER SIZE													

REMARKS	TIME START	TIME STOP	TIME INT VAL
Flowing Well & clean up	12:00	8:00	8

TOUR NO. 2 8 A.M. TO 4 P.M

	HOURS
DRILLER Jim Hakiwy	9
DERRICK	
FLOOR Harry Hanson	9
FLOOR Roy McKenzie	9
FLOOR Roy Mangham	9
FIREMAN	
MECHANIC	
INJURIES	

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT SURVEYS	DEGREES

NO.	DRILLING STRING		BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDITION
	STANDS	FT																
	SINGLES	FT																
	D C S	FT																
	SUB	FT	MUD	8 A M	10 A M	12 NOON	2 P M	WATER LOSS	FILTER C	GENERAL REMARKS								
	SUB	FT	WEIGHT							Displace Annulus To Diesel (10')								
	BIT OR C B	FT	VISCOSITY					ADDITIVES										
		FT	PUMP PRESSURE															
	KELLY IN	FT	R P M PUMP NO.1															
			R P M PUMP NO 2															
TOTAL		FT	PUMP NO. 1 LINER SIZE		PUMP NO. 2 LINER SIZE													

REMARKS	TIME START	TIME STOP	TIME INT VAL
Flowing well for Clean up	8.	1.00	
Jean and Ray Rig down clean up	1		
Crew		5	4
Released Rig 1.00 PM. FEB. 22/73			

TOUR NO. 3 4 P.M. TO MIDNIGHT

	HOURS
DRILLER	
DERRICK	
FLOOR	
FLOOR	
FLOOR	
FIREMAN	
MECHANIC	
INJURIES	

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT SURVEYS	DEGREES

NO.	DRILLING STRING		BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDITION
	STANDS	FT.																
	SINGLES	FT.																
	D.C.'S	FT.																
	SUB	FT.	MUD	4 P M	6 P.M.	8 P.M.	10 P.M.	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS							
	SUB	FT.	WEIGHT															
	BIT OR C B	FT.	VISCOSITY					ADDITIVES										
		FT.	PUMP PRESSURE															
	KELLY IN	FT.	R.P.M. PUMP NO. 1															
			R.P.M. PUMP NO 2															
TOTAL		FT.	PUMP NO. 1 LINER SIZE		PUMP NO. 2 LINER SIZE													

REMARKS

DRILL PIPE SIZE	TYPE	TOTAL NO. OF JOINTS	DATE LAST SONOSCOPED	FOOTAGE DRILLED SINCE LAST SONOSCOPED	TOTAL FOOTAGE DRILLED	LAST CALIPER DATE	RESULTS	CODE LETTER OF STRING

B.O.P.'S TESTED	ELAPSED TIME	PRESSURE	RESULTS	TOTCO RING ON BIT NO.

TOOLPUSHER K Marshall

APPROVED BY G Simpson

REGENT DRILLING LIMITED

DAY WORK RECORD

DATE Feb 21/73 REPORT NO. 32

PLEASE SHOW FOOTAGE MADE WHILE "CONTROL DRILLING" AS WELL AS HOURS AND ALSO RECORD CORE CUTTERS, CATCHERS, SWAB RUBBERS, ETC.

DATE Feb 21/73 WELL NAME Hudson Bay S. Island River 11-52

RIG NO. 3 LOCATION LSD. 11 SEC. 52 TWP. ____ RGE. ____

PUMPS

MANUFACTURER	TYPE	STROKE LENGTH
NO. 1 Emsco	D-500	16"
NO. 2 Oilwell	214-P	14"

LAST CASING SIZE: ____ LAST CASING SET AT: ____

EACH EMPLOYEE MUST SIGN THIS BOOK

TOUR NO. 1 MIDNIGHT TO 8 A.M.

	HOURS
DRILLER Gary Christensen	8
DERRICK Leon Vinck	8
FLOOR Bill Woolsey	8
FLOOR Tom Bond	8
FLOOR Mike Lees	8
FIREMAN	
MECHANIC	
INJURIES	

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT SURVEYS	DEGREES

NO.	DRILLING STRING		BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDITION
	STANDS	FT.																
	SINGLES	FT.																
	D.C.'S	FT.																
	SUB	FT.																
	SUB	FT.																
	BIT OR C.B.	FT.																
		FT.																
	KELLY IN	FT.																
TOTAL		FT.																

MUD	12 MID.	2 A.M.	4 A.M.	6 P.M.	WATER LOSS	FILTER CAKE	PH
WEIGHT							
VISCOSITY					ADDITIVES		
PUMP PRESSURE							
R.P.M. PUMP NO. 1							
R.P.M. PUMP NO. 2							
PUMP NO. 1 LINER SIZE		PUMP NO. 2 LINER SIZE					

GENERAL REMARKS

Had Safety Meeting of Proper Operation of Catheads.

Fuel 3'

REMARKS	START	STOP	INT VAL
Rig BT.M Hole Recorder	12:00	8:00	
Wait on Daylite			

TOUR NO. 2 8 A.M. TO 4 P.M.

	HOURS
DRILLER Mitch Boychuk	8
DERRICK Ed Prato	8
FLOOR Reg Morrison	8
FLOOR Don Omar	8
FLOOR Wayne Olmes	4
FIREMAN	
MECHANIC	
INJURIES	

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT SURVEYS	DEGREES

NO.	DRILLING STRING		BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDITION
	STANDS	FT.																
	SINGLES	FT.																
	D.C.'S	FT.																
	SUB	FT.																
	SUB	FT.																
	BIT OR C.B.	FT.																
		FT.																
	KELLY IN	FT.																
TOTAL		FT.																

MUD	8 A.M.	10 A.M.	12 NOON	2 P.M.	WATER LOSS	FILTER CAKE	PH
WEIGHT							
VISCOSITY					ADDITIVES		
PUMP PRESSURE							
R.P.M. PUMP NO. 1							
R.P.M. PUMP NO. 2							
PUMP NO. 1 LINER SIZE		PUMP NO. 2 LINER SIZE					

GENERAL REMARKS

Fluid Level 960 TAM

REMARKS	START	STOP	INT VAL
Run in To Retrieve BT.M Recorders	2:00	9:00	7
Swab well w/ Bennett			
Wire Line Back Line	9.	1:30	4½
Fishing Bars	1:30	3:00	1½
Acidize well	3	4:00	1

TOUR NO. 3 4 P.M. TO MIDNIGHT

	HOURS
DRILLER Jim Wasbisky	8
DERRICK	
FLOOR H. Davies	8
FLOOR Reg McKenzie	8
FLOOR Reg Naughton	8
FIREMAN	
MECHANIC	
INJURIES	

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT SURVEYS	DEGREES

NO.	DRILLING STRING		BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDITION
	STANDS	FT.																
	SINGLES	FT.									SWAB To	900						
	D.C.'S	FT.																
	SUB	FT.																
	SUB	FT.																
	BIT OR C.B.	FT.																
		FT.																
	KELLY IN	FT.																
TOTAL		FT.																

MUD	4 P.M.	6 P.M.	8 P.M.	10 P.M.	WATER LOSS	FILTER CAKE	PH
WEIGHT							
VISCOSITY					ADDITIVES		
PUMP PRESSURE							
R.P.M. PUMP NO. 1							
R.P.M. PUMP NO. 2							
PUMP NO. 1 LINER SIZE		PUMP NO. 2 LINER SIZE					

GENERAL REMARKS

Fracture Inj. Pr 2200 PSI Established Feed Rate of 1.4 BBL Per Min Pumped 24 BBL MCA 15% Acid away w/ Average of 2900 PSI Displace 39.7 BBL of H20 with Average of 2800 PSI + Flushed w/ 10 BBLS SHUT in for 15 Min Bled Back To 1400 PSI

REMARKS	START	STOP	INT VAL
Acidize	4	5	1
~~Tooth Stuck~~	5	~~5~~	½
Swabbing well	5	7:30	2½
Flow well	7:30	12:00	
(Cleaning up.)			

DRILL PIPE SIZE	TYPE	TOTAL NO. OF JOINTS	DATE LAST SONOSCOPED	FOOTAGE DRILLED SINCE LAST SONOSCOPED	TOTAL FOOTAGE DRILLED	LAST CALIPER DATE	RESULTS	CODE LETTER OF STRING

B.O.P.'S TESTED	ELAPSED TIME	PRESSURE	RESULTS	TOTCO RING ON BIT NO.

TOOLPUSHER K Mansell

APPROVED BY K J Mynott

REGENT DRILLING LIMITED

DAY WORK RECORD

DATE Feb 20/75 REPORT NO. 31

WELL NAME Hudson Bay Amoco S. Island River

DATE Feb 20/75

RIG NO. 3

LOCATION LSD. 11 SEC. 52 TWP. ____ RGE. ____

PLEASE SHOW FOOTAGE MADE WHILE "CONTROL DRILLING" AS WELL AS HOURS AND ALSO RECORD CORE CUTTERS, CATCHERS, SWAB RUBBERS, ETC.

PUMPS

MANUFACTURER	TYPE	STROKE LENGTH
NO. 1 Emsco	D-500	16"
NO. 2 Oil Well	214-P	14"

LAST CASING SIZE: ____ LAST CASING SET AT: ____

EACH EMPLOYEE MUST SIGN THIS BOOK

TOUR NO. 1 MIDNIGHT TO 8 A.M.

	HOURS
DRILLER Gary Christensen	8
DERRICK Leon Vinck	8
FLOOR Bill Woolsey	8
FLOOR Tom Bond	8
FLOOR Mike Lees	8
FIREMAN	
MECHANIC	
INJURIES	

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT	SURVEYS	DEGREES

NO.	DRILLING STRING		BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDITION
	STANDS	FT.																
	SINGLES	FT.																
	D C 'S	FT.																
	SUB	FT.																
	SUB	FT.																
	BIT OR C B	FT.																
		FT.																
	KELLY IN	FT.																
TOTAL		FT.																

MUD	12 MID.	2 A.M.	4 A.M.	6 P.M.	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS
WEIGHT								Ran 218 JT. 2⅞-6.5 LB J-55 Tbk Tubing
VISCOSITY					ADDITIVES			2 Pup Total 6871.77 SEAL ASS. + J. Latch
PUMP PRESSURE								1 oTis Reamcat Packer model W.B. 5½-13-17 LB
R.P.M. PUMP NO. 1								w/ 25.86 FT Tail Pipe w/ Perf JT. x nipple + H. Wipple
R.P.M. PUMP NO. 2								
PUMP NO. 1 LINER SIZE		PUMP NO. 2 LINER SIZE						FUEL 4½'

REMARKS	START	STOP	INT VAL
Rig Serv.	12⁰⁰	12¹⁵	¼
Run Tubing 2⅞"	12¹⁵	5⁰⁰	4¾
Tag Botton. Install Pub	5⁰⁰		
Joints. Set Packer & Install			
Well Head.		8⁰⁰	

TOUR NO. 2 8 A.M. TO 4 P.M.

	HOURS
DRILLER Mitch Boychuk	8
DERRICK Ed Perto	8
FLOOR Reg Harrison	8
FLOOR Don. Oman	8
FLOOR Wayne Oliver	8
FIREMAN	
MECHANIC	
INJURIES	

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT	SURVEYS	DEGREES

NO.	DRILLING STRING		BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDITION
	STANDS	FT																
	SINGLES	FT																
	D C 'S	FT																
	SUB	FT																
	SUB	FT																
	BIT OR C B	FT																
		FT																
	KELLY IN	FT.																
TOTAL		FT.																

MUD	8 A.M	10 A.M	12 NOON	2 P.M	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS
WEIGHT								
VISCOSITY					ADDITIVES			
PUMP PRESSURE								
R.P.M. PUMP NO. 1								
R.P.M. PUMP NO. 2								
PUMP NO. 1 LINER SIZE		PUMP NO. 2 LINER SIZE						

REMARKS	START	STOP	INT VAL
RIG. ARIUS w/ 2000 PSI	8⁰⁰		
SWAB well w/ OTIS		11⁰⁰	3
LOST SINKER BARS			
Run in w/ overshot w/	wireline	1¹⁵	
& Pulled out Fish			

TOUR NO. 3 4 P.M. TO MIDNIGHT

	HOURS
DRILLER Jim Halabishyn	8
DERRICK	
FLOOR Harry Davies	8
FLOOR Ray McKenzie	8
FLOOR Ray Monahan	8
FIREMAN	
MECHANIC	
INJURIES	

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT	SURVEYS	DEGREES

NO.	DRILLING STRING		BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDITION
	STANDS	FT.																
	SINGLES	FT.																
	D.C.'S	FT.																
	SUB	FT.																
	SUB	FT.																
	BIT OR C.B.	FT.																
		FT.																
	KELLY IN	FT.																
TOTAL		FT.																

MUD	4 P.M.	6 P.M.	8 P.M.	10 P.M	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS
WEIGHT								
VISCOSITY					ADDITIVES			
PUMP PRESSURE								
R.P.M. PUMP NO. 1								
R.P.M. PUMP NO. 2								
PUMP NO. 1 LINER SIZE		PUMP NO. 2 LINER SIZE						

REMARKS	START	STOP	INT VAL
Finish Fishing Job	4.	6⁰⁰	2
Run in To Perf w/ wireline	6.00		
6950-6980 - 30 2SHOT PER			
FT.	6.	9.00	3
Left well open.	9.00	10.00	1
Run RTTS Recorder w/			
Bonnet wire Line	10.	12⁰⁰	

DRILL PIPE SIZE	TYPE	TOTAL NO. OF JOINTS	DATE LAST SONOSCOPED	FOOTAGE DRILLED SINCE LAST SONOSCOPED	TOTAL FOOTAGE DRILLED	LAST CALIPER DATE	RESULTS	CODE LETTER OF STRING

B.O.P.'S TESTED	ELAPSED TIME	PRESSURE	RESULTS	TOTCO RING ON BIT NO.

TOOLPUSHER L. Marshall

APPROVED BY D. L. Mport

REGENT DRILLING LIMITED

DAY WORK RECORD

DATE Feb 19/73 REPORT NO. 30

WELL NAME Hudson Bay Amoco S. Island River

DATE Feb 19/73

RIG NO. 3 LOCATION LSD. 11 SEC. 52 TWP. ____ RGE. ____

PLEASE SHOW FOOTAGE MADE WHILE "CONTROL DRILLING" AS WELL AS HOURS AND ALSO RECORD CORE CUTTERS, CATCHERS, SWAB RUBBERS, ETC.

PUMPS

MANUFACTURER	TYPE	STROKE LENGTH
NO. 1 EMSCO	D-500	16"
NO. 2		

LAST CASING SIZE ____ LAST CASING SET AT ____

EACH EMPLOYEE MUST SIGN THIS BOOK

TOUR NO. 1 MIDNIGHT TO 8 A.M.

	HOURS
DRILLER Gary Christensen	8
DERRICK Leon Vinck	8
FLOOR Bill Woolsey	8
FLOOR Tom Bond	8
FLOOR Mike Lees	8
FIREMAN	
MECHANIC	
INJURIES	

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT SURVEYS	DEGREES

NO.	DRILLING STRING		BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDITION
	STANDS	FT.																
	SINGLES	FT.																
	D.C.'S	FT.																
	SUB	FT.	MUD	12 MID.	2 A.M.	4 A.M.	6 P.M.	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS							
	SUB	FT.	WEIGHT															
	BIT OR C.B.	FT.	VISCOSITY					ADDITIVES										
		FT.	PUMP PRESSURE															
	KELLY IN	FT.	R.P.M. PUMP NO. 1															
			R.P.M. PUMP NO. 2															
TOTAL		FT.	PUMP NO. 1 LINER SIZE		PUMP NO. 2 LINER SIZE													

REMARKS	TIME START	TIME STOP	TIME INT VAL
Rig Serv.	12:00	12:15	1/4
Finish unbolting B.O.P.'s & Lay Down B.O.P.'s & Flare. Taken Apart.	12:15	2:15	2
Cut 5½" Csg. [illegible] Well	2:15		
Head Spool.		5:15	3
Rig to Run Tubing. Take Off Protectors & Measure	5:15		
Top Row of Tubing		8:00	2 3/4

TOUR NO. 2 8 A.M. TO 4 P.M.

	HOURS
DRILLER Mitch Paychuk	8
DERRICK Ed Prato	8
FLOOR R. Harrison	8
FLOOR D. Oman	8
FLOOR W. Oliver	8
FIREMAN	
MECHANIC	
INJURIES	

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT SURVEYS	DEGREES

NO.	DRILLING STRING		BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDITION
	STANDS	FT.																
	SINGLES	FT.																
	D.C.'S	FT.																
	SUB	FT.	MUD	8 A.M.	10 A.M.	12 NOON	2 P.M.	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS							
	SUB	FT.	WEIGHT															
	BIT OR C.B.	FT.	VISCOSITY					ADDITIVES										
		FT.	PUMP PRESSURE															
	KELLY IN	FT.	R.P.M. PUMP NO. 1															
			R.P.M. PUMP NO. 2															
TOTAL		FT.	PUMP NO. 1 LINER SIZE		PUMP NO. 2 LINER SIZE													

REMARKS	TIME START	TIME STOP	TIME INT VAL
8:00			
Drain Mud Tanks			
Drain Pumps 1 & 2			
Measure Tubing &			
Wait on Welder		4:00	8

TOUR NO. 3 4 P.M. TO MIDNIGHT

	HOURS
DRILLER Jim Halabisky	8
DERRICK	
FLOOR Harry Davies	8
FLOOR Ray McKenzie	8
FLOOR Ray Meighan	8
FIREMAN	
MECHANIC	
INJURIES	

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT SURVEYS	DEGREES

NO.	DRILLING STRING		BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDITION
	STANDS	FT.																
	SINGLES	FT.																
	D.C.'S	FT.																
	SUB	FT.	MUD	4 P.M.	6 P.M.	8 P.M.	10 P.M.	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS							
	SUB	FT.	WEIGHT															
	BIT OR C.B.	FT.	VISCOSITY					ADDITIVES										
		FT.	PUMP PRESSURE															
	KELLY IN	FT.	R.P.M. PUMP NO. 1															
			R.P.M. PUMP NO. 2															
TOTAL		FT.	PUMP NO. 1 LINER SIZE		PUMP NO. 2 LINER SIZE													

REMARKS	TIME START	TIME STOP	TIME INT VAL
Run Perforation Log	4	7:00	3
Run Gauge Ring	7:00	9:00	2
SIT Packer	9	11:00	2
Run Tubing	11:00	12:00	1

DRILL PIPE SIZE	TYPE	TOTAL NO. OF JOINTS	DATE LAST SONOSCOPED	FOOTAGE DRILLED SINCE LAST SONOSCOPED	TOTAL FOOTAGE DRILLED	LAST CALIPER DATE	RESULTS	CODE LETTER OF STRING

B.O.P.'S TESTED	ELAPSED TIME	PRESSURE	RESULTS	TOTCO RING ON BIT NO.

TOOLPUSHER L. Marshall

APPROVED BY ____

REGENT DRILLING LIMITED

DAY WORK RECORD

DATE Feb 19/73 REPORT NO. 29

DATE Feb 18/73 WELL NAME Hudson Bay Amoco S. Island River

RIG NO. 9 LOCATION LSD. M SEC. 12 TWP. ____ RGE. ____

PLEASE SHOW FOOTAGE MADE WHILE "CONTROL DRILLING" AS WELL AS HOURS AND ALSO RECORD CORE CUTTERS, CATCHERS, SWAB RUBBERS, ETC.

PUMPS

MANUFACTURER	TYPE	STROKE LENGTH
NO. 1 Emsco	D-500	16"
NO. 2 Oilwell	3.14 P	14"

LAST CASING SIZE: 10 3/4 — LAST CASING SET AT: 912

EACH EMPLOYEE MUST SIGN THIS BOOK

TOUR NO. 1 MIDNIGHT TO 8 A.M.	HOURS
DRILLER Gary Christensen	12
DERRICK Leon Venck	12
FLOOR Bill Woolsey	12
FLOOR Tom Bond	12
FLOOR Mike Lees	12
FIREMAN	
MECHANIC	
INJURIES	

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT
		7080				

TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT SURVEYS	DEGREES

NO.	DRILLING STRING		BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDITION
	STANDS	FT.																
	SINGLES	FT.																
	D C 'S	FT.																
	SUB	FT.																
	SUB	FT.																
	BIT OR C B	FT.																
		FT.																
	KELLY IN	FT.																
TOTAL		FT.																

MUD	12 MID.	2 A.M.	4 A.M.	6 P.M.	WATER LOSS	FILTER CAKE	PH
WEIGHT							
VISCOSITY					ADDITIVES		
PUMP PRESSURE							
R.P.M. PUMP NO. 1							
R.P.M. PUMP NO. 2							

PUMP NO. 1 LINER SIZE 5 1/2 — PUMP NO. 2 LINER SIZE 5 1/2

GENERAL REMARKS: Finnish using DESILTER. 12 p.m.

FUEL 3'

REMARKS	START	STOP	INT VAL
RUN CASING	12:00	2:15	2 1/4
HEAD-UP Csg. & CIRC. PRIOR TO — CEMENTING W.O. BULK CEMENT TRUCK.	2:15	8:00	5 3/4

TOUR NO. 2 8 A.M. TO 4 P.M.

	HOURS
DRILLER Mitch Boychuk	8
DERRICK Ed Prato	8
FLOOR Reg Harrison	8
FLOOR Don Oman	8
FLOOR Wayne Oliver	8
FIREMAN	
MECHANIC	
INJURIES	

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT

TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT SURVEYS	DEGREES

NO.	DRILLING STRING		BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDITION
	STANDS	FT.																
	SINGLES	FT.																
	D C 'S	FT.																
	SUB	FT.																
	SUB	FT.																
	BIT OR C B	FT.																
		FT.																
	KELLY IN	FT.																
TOTAL	659	FT.																

MUD	8 A M	10 A.M.	12 NOON	2 P M	WATER LOSS	FILTER CAKE	PH
WEIGHT							
VISCOSITY					ADDITIVES		
PUMP PRESSURE							
R.P.M. PUMP NO.1							
R.P.M. PUMP NO.2							

PUMP NO. 1 LINER SIZE 5 1/2" — PUMP NO. 2 LINER SIZE 7 1/2"

GENERAL REMARKS

REMARKS	START	STOP	INT VAL
WAIT ON CEMENT BULK TRUCK	8:00		
BROKE FRONT AXLE		3:00	7
R.U. UP TO CEMENT	5:00	4:00	1

TOUR NO. 3 4 P.M. TO MIDNIGHT

	HOURS
DRILLER Jim Holabisky	8
DERRICK	
FLOOR Harry Davies	8
FLOOR Ray McKenzie	8
FLOOR Ray Maughan	8
FIREMAN	
MECHANIC	
INJURIES	

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT

TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT SURVEYS	DEGREES

NO.	DRILLING STRING		BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDITION
	STANDS	FT.																
	SINGLES	FT.																
	D C 'S	FT.																
	SUB	FT.																
	SUB	FT.																
	BIT OR C.B.	FT.																
		FT.																
	KELLY IN	FT.																
TOTAL		FT.																

MUD	4 P.M.	6 P.M.	8 P.M	10 P.M.	WATER LOSS	FILTER CAKE	PH
WEIGHT							
VISCOSITY					ADDITIVES		
PUMP PRESSURE							
R.P.M. PUMP NO. 1							
R.P.M. PUMP NO. 2							

PUMP NO. 1 LINER SIZE — PUMP NO. 2 LINER SIZE

GENERAL REMARKS

Ran 49 Jts 15.5 & 126 Jts 14 lb. 5 1/2 J55 Casing w/ Float Shoe & Float Collar Total 7102. Cemented w/ 790 SAX 1-2 Poz 6% Gel - Tailed in w/ 200 sx Class H .2% D.E. Retarder. Landed @ 7080. Plug Down @ 6:15 P.M. Feb 19/73

REMARKS	START	STOP	INT VAL
Cement 5 1/2 Casing	4:00	5:30	1 1/2
Displace Plug down	5:30	6:15	3/4
Set Slips - Nipple up BOP	6:15	12:00	5 3/4

DRILL PIPE SIZE	TYPE	TOTAL NO. OF JOINTS	DATE LAST SONOSCOPED	FOOTAGE DRILLED SINCE LAST SONOSCOPED	TOTAL FOOTAGE DRILLED	LAST CALIPER DATE	RESULTS	CODE LETTER OF STRING

B.O.P.'S TESTED	ELAPSED TIME	PRESSURE	RESULTS	TOTCO RING ON BIT NO.

TOOLPUSHER ____

APPROVED BY ____

REGENT DRILLING LIMITED

DAY WORK RECORD

DATE Feb 17/73 — WELL NAME Hudson Bay Amoco S. Island River — DATE Feb 17/73 — REPORT NO. 28

DATE Feb 17/73 — RIG NO. 3 — LOCATION LSD. M SEC. 52 TWP. ____ RGE. ____

PLEASE SHOW FOOTAGE MADE WHILE "CONTROL DRILLING" AS WELL AS HOURS AND ALSO RECORD CORE CUTTERS, CATCHERS, SWAB RUBBERS, ETC.

PUMPS

MANUFACTURER	TYPE	STROKE LENGTH
NO 1 Emsco	D-500	16"
NO 2 Oil Well	214-P	14"

LAST CASING SIZE: 10 3/4 — LAST CASING SET AT: 912

EACH EMPLOYEE MUST SIGN THIS BOOK

TOUR NO. 1 MIDNIGHT TO 8 A.M. — HOURS

DRILLER Gary Christensen 8
DERRICK Leon Vinck 8
FLOOR Bill Wooksey 8
FLOOR Tom Bond 8
FLOOR Mike Lees 8
FIREMAN
MECHANIC
INJURIES

FROM 7080 — FOOTAGE — TOTAL DEPTH T.D. — HOURS ON BOTTOM — DRILL PIPE WEIGHT — NO. AND SIZE OF D.C.'S — D.C. WEIGHT — TRIPS — NO OF LINES — TOTAL TON MILES — LINE CUT FEET — AT MILES — FEET LEFT ON SPOOL — DATE OF LAST CUT — AT SURVEYS DEGREES

NO.	DRILLING STRING	FT.	BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDITION
	STANDS	FT.																
	SINGLES	FT.																
	D C S	FT.																
	SUB	FT.																
	SUB	FT.																
	BIT OR C B	FT.																
		FT.																
	KELLY IN	FT.																
	TOTAL	FT.																

MUD	12 MID.	2 A.M.	4 A.M.	6 P.M.	WATER LOSS	FILTER CAKE	PH
WEIGHT	92	92	92		6.8	2/32	9.
VISCOSITY	190	185	185				

ADDITIVES

PUMP PRESSURE — R.P.M. PUMP NO 1 — R.P.M. PUMP NO 2 — PUMP NO 1 LINER SIZE — PUMP NO. 2 LINER SIZE

GENERAL REMARKS

REMARKS	TIME START	TIME STOP	TIME INT VAL
wait on Csg	12:00	4:00	
Lay down D.P	4:00	8:00	

TOUR NO. 2 8 A.M. TO 4 P.M. — HOURS

DRILLER Mitch Boychuk 12
DERRICK Ed Prato 12
FLOOR R. Harrison 12
FLOOR D. Oman 12
FLOOR W. Oliver 12
FIREMAN
MECHANIC
INJURIES

FROM — FOOTAGE — TOTAL DEPTH — HOURS ON BOTTOM — DRILL PIPE WEIGHT — NO. AND SIZE OF D.C.'S — D.C. WEIGHT — TRIPS — NO OF LINES — TOTAL TON MILES — LINE CUT FEET — AT MILES — FEET LEFT ON SPOOL — DATE OF LAST CUT — AT SURVEYS DEGREES

NO.	DRILLING STRING	FT.	BITS RUN NO	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDITION
	STANDS	FT.																
	SINGLES	FT.																
	D C 'S	FT.																
	SUB	FT.																
	SUB	FT.																
	BIT OR C B	FT.																
		FT.																
	KELLY IN	FT.																
	TOTAL TD	FT.																

MUD	8 A.M.	10 A.M.	12 NOON	2 P.M.	WATER LOSS	FILTER CAKE	PH
WEIGHT							
VISCOSITY							

ADDITIVES

PUMP PRESSURE — R.P.M. PUMP NO.1 — R.P.M. PUMP NO.2 — PUMP NO. 1 LINER SIZE — PUMP NO. 2 LINER SIZE

GENERAL REMARKS

REMARKS	TIME START	TIME STOP	TIME INT VAL
Lay Down Drill pipe & Collars	8:00	12:00	4
Break kelly install 5½ Rams	12:00		
& check work. O.K.		5:00	3
Unload Pipe Rig up To Run Csg		6:00	1

TOUR NO. 3 4 P.M. TO MIDNIGHT — HOURS

DRILLER Jim Halabisky 15
DERRICK
FLOOR Harry Davies 15
FLOOR Ray McKenzie 15
FLOOR Ray Maughan 15
FIREMAN
MECHANIC
INJURIES Crew worked over To run casing

FROM — FOOTAGE — TOTAL DEPTH — HOURS ON BOTTOM — DRILL PIPE WEIGHT — NO. AND SIZE OF D.C.'S — D.C. WEIGHT — TRIPS — NO OF LINES — TOTAL TON MILES — LINE CUT FEET — AT MILES — FEET LEFT ON SPOOL — DATE OF LAST CUT — AT SURVEYS DEGREES

NO.	DRILLING STRING	FT.	BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDITION
	STANDS	FT.																
	SINGLES	FT.																
	D.C.'S	FT.																
	SUB	FT.																
	SUB	FT.																
	BIT OR C.B.	FT.																
		FT.																
	KELLY IN	FT.																
	TOTAL	FT.																

MUD	4 P.M.	6 P.M.	8 P.M.	10 P.M.	WATER LOSS	FILTER CAKE	PH
WEIGHT							
VISCOSITY							

ADDITIVES

PUMP PRESSURE — R.P.M. PUMP NO. 1 — R.P.M. PUMP NO. 2 — PUMP NO. 1 LINER SIZE — PUMP NO. 2 LINER SIZE

GENERAL REMARKS

REMARKS	TIME START	TIME STOP	TIME INT VAL
Rig up to run casing & Run Casing	4:00	12:00	8

DRILL PIPE SIZE 4½ — TYPE X H

TOTAL NO. OF JOINTS	DATE LAST SONOSCOPED	FOOTAGE DRILLED SINCE LAST SONOSCOPED	TOTAL FOOTAGE DRILLED	LAST CALIPER DATE	RESULTS	CODE LETTER OF STRING

B.O.P.'S TESTED	ELAPSED TIME	PRESSURE	RESULTS	TOTCO RING ON BIT NO.

TOOLPUSHER L Wenstad

APPROVED BY ____

REGENT DRILLING LIMITED

DAY WORK RECORD

DATE Feb 16/73 REPORT NO. 27

WELL NAME Hudson Bay Amoco S. Island River

DATE Feb 16/73

RIG NO. 3 LOCATION LSD. M SEC. 52 TWP. ____ RGE. ____

PLEASE SHOW FOOTAGE MADE WHILE "CONTROL DRILLING" AS WELL AS HOURS AND ALSO RECORD CORE CUTTERS, CATCHERS, SWAB RUBBERS, ETC.

PUMPS

	MANUFACTURER	TYPE	STROKE LENGTH
NO. 1	EMSCO	D-500	16"
NO. 2	OILWELL	1.14-P	14"

LAST CASING SIZE 10 3/4 — LAST CASING SET AT 912

TOUR NO. 1 MIDNIGHT TO 8 A.M.

EACH EMPLOYEE MUST SIGN THIS BOOK	HOURS
DRILLER Gary Christensen	12
DERRICK Leon Vinck	12
FLOOR Bell Woolsey	12
FLOOR Tom Bond	12
FLOOR Mike Lees	12
FIREMAN	
MECHANIC	
INJURIES	

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT SURVEYS	DEGREES
7030	T.D.	7080		146,000	4-6 3/4 19-6 1/4	57,000		8	11433	46	11436	2679	Feb 14/73		

NO.	DRILLING STRING		BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDITION
68	STANDS	6576.52 FT.	13	8 3/4	0	49599	XDV											-
	SINGLES	FT.																
23	D.C.'S	674.32 FT.																
1	SUB %	2.40 FT.	MUD	12 MID.	2 A.M.	4 A.M.	6 P.M.	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS							
1	SUB %	5.40 FT.	WEIGHT	9.2	9.2	9.2	9.2	6.8	2/32	9.5								
1	BIT OR C.B	2.90 FT.	VISCOSITY	205	200	205	215	ADDITIVES										
		FT.	PUMP PRESSURE	750	750	750	750	GEL - 1000#										
	KELLY IN	19.56 FT.	R.P.M. PUMP NO 1	56	56	56	56											
			R.P.M. PUMP NO.2															
TOTAL	7080 FT.		PUMP NO 1 LINER SIZE	5 1/2		PUMP NO. 2 LINER SIZE	5 1/2				FUEL-							

REMARKS: W.O.O. + Csg.

TIME: START 1200 — STOP 500 — INT VAL 8

TOUR NO. 2 8 A.M. TO 4 P.M.

	HOURS
DRILLER Mitch Boychuk	8
DERRICK Ed Prato	8
FLOOR R Harrison	8
FLOOR D Oman	8
FLOOR W Oliver	8
FIREMAN	
MECHANIC	
INJURIES	

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT SURVEYS	DEGREES

NO.	DRILLING STRING		BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDITION
	STANDS	FT.																
	SINGLES	FT.																
	D.C.'S	FT.																
	SUB	FT.	MUD	8 A.M.	10 A.M.	12 NOON	2 P.M.	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS							
	SUB	FT.	WEIGHT				9.1	6.0	2/32	8.0								
	BIT OR C B	FT.	VISCOSITY				185	ADDITIVES										
		FT.	PUMP PRESSURE				750											
	KELLY IN	FT.	R.P.M. PUMP NO.1				56											
			R.P.M. PUMP NO.2															
TOTAL	7080 FT.		PUMP NO. 1 LINER SIZE	5 1/2"		PUMP NO. 2 LINER SIZE	5 1/2"											

REMARKS: W.O.O. Csg

TIME: START 500 — STOP 12:00 — INT VAL 8

TOUR NO. 3 4 P.M. TO MIDNIGHT

	HOURS
DRILLER Jim Halabisky	8
DERRICK Leon Vinck	2
FLOOR Harris Davies	8
FLOOR Ray McKenzie	8
FLOOR Ray Maughan	8
FIREMAN	
MECHANIC	
INJURIES	

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT SURVEYS	DEGREES
				14	4-6 3/4 19-6 1/4	57,000		3	11433	46	11436	2679	Feb 14/73		

NO.	DRILLING STRING		BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDITION
	STANDS	FT.	F13	8 3/4	LFEN	41548	XDV											
	SINGLES	FT.																
	D.C.'S	FT.																
	SUB	FT.	MUD	4 P.M.	6 P.M.	8 P.M.	10 P.M.	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS							
	SUB	FT.	WEIGHT	9.3	9.3	9.3	9.3	6.8	2/32	9.0								
	BIT OR C.B.	FT.	VISCOSITY	215	220	215	200	ADDITIVES										
		FT.	PUMP PRESSURE	750	750													
	KELLY IN	FT.	R.P.M. PUMP NO. 1	56	56													
			R.P.M. PUMP NO. 2															
TOTAL	7080	FT.	PUMP NO. 1 LINER SIZE	5 1/2"		PUMP NO. 2 LINER SIZE	5 1/2"											

REMARKS: wait on casing

TIME: START 1200 — STOP 1200 — INT VAL 8

DRILL PIPE SIZE	TYPE	TOTAL NO. OF JOINTS	DATE LAST SONOSCOPED	FOOTAGE DRILLED SINCE LAST SONOSCOPED	TOTAL FOOTAGE DRILLED	LAST CALIPER DATE	RESULTS	CODE LETTER OF STRING
4 1/2"	XH	261	2-3-/73	7080				

B.O.P.'S TESTED	ELAPSED TIME	PRESSURE	RESULTS	TOTCO RING ON BIT NO.

TOOLPUSHER L Kruschel

APPROVED BY A Moore

REGENT DRILLING LIMITED

DAY WORK RECORD

DATE Feb 15/73 REPORT NO. 26

WELL NAME Hudson Bay Amoco S. Island River

DATE Feb 15/73

RIG NO. 3

LOCATION LSD. M SEC. 52 TWP. ____ RGE. ____

PLEASE SHOW FOOTAGE MADE WHILE "CONTROL DRILLING" AS WELL AS HOURS AND ALSO RECORD CORE CUTTERS. CATCHERS. SWAB RUBBERS. ETC.

PUMPS

	MANUFACTURER	TYPE	STROKE LENGTH
NO. 1	Emsco	D-500	16"
NO. 2	Oilwell	214-P	14"

LAST CASING SIZE	LAST CASING SET AT
10 3/4	912'

EACH EMPLOYEE MUST SIGN THIS BOOK

TOUR NO. 1 MIDNIGHT TO 8 A.M.	HOURS
DRILLER Gary Christensen	12
DERRICK Leon Vinck	12
FLOOR Bill Woolsey	12
FLOOR Tom Bond	12
FLOOR Mike Lees	12
FIREMAN	
MECHANIC	
INJURIES	

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT SURVEYS	DEGREES
7080		7080		146,000	4-6 3/4 9-6 1/4	57,000		8	11435 ~~11435~~	46	11435 ~~11435~~	11674 ~~11674~~	Feb 14/73	7080	2 3/4

NO.	DRILLING STRING		BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDITION
68	STANDS	63769.2 FT.	#13	8 3/4	0	49588	XDV											
	SINGLES	674.32 FT.																
	D.C.'S	FT.																
1	SUB C/O	2.90 FT.																
1	SUB C/O	3.40 FT.																
1	BIT OR C.B.	2.90 FT.																
		FT.																
	KELLY IN	19.56 FT.																
TOTAL		7080 FT.																

MUD	12 MID.	2 A.M.	4 A.M.	6 P.M.	WATER LOSS	FILTER CAKE	PH
WEIGHT	T			9.2	6.8	2/32	9.5
VISCOSITY		R		185			
PUMP PRESSURE			P	750			
R.P.M. PUMP NO.1				56			
R.P.M. PUMP NO.2							

ADDITIVES: Calc Fibre 22 SAX. SAWDUST 25 SKS.

PUMP NO. 1 LINER SIZE 5 1/2 PUMP NO. 2 LINER SIZE 5 1/2

GENERAL REMARKS: Logs Ran By Schlumberger. Dual Induction Laterolog From 7079 To 912. 2" scale Dual Induction 7079 To 6800 5" scale Gamma Ray Borehole compensated Sonic 7079 To 912 2" scale 7079 To 6800 - 5" scale. Compensated Formation Density Log & Sidwall Neutron Porosity Log From 7079 - 6800.

SAFETY MEETING HELD ON TRIPPING - FROST PLUGS. SNAG PIPE & SAFE OPERATION OF EQUIPMENT

4' OF FUEL

REMARKS	START	STOP	INT VAL
LOGGING W/SCHLUMBERGER	12:00	1:30	1 1/2
TRIPPING / FROST PLUGS IN BTM	1:30	4:45	3 1/4
BREAK CIRC. / 4 STANDS OFF BOTTOM	4:45	5:00	1/4
TRIPPING	5:00	5:15	1/4
CIRC. COND. HOLE (NO FILL)	5:15	8:00	2 3/4

TOUR NO. 2 8 A.M. TO 4 P.M.

	HOURS
DRILLER Mitch Boychuk	8
DERRICK Ed Perto	8
FLOOR R Harrison	8
FLOOR D Oman	8
FLOOR W Oliver	8
FIREMAN	
MECHANIC	
INJURIES	

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT SURVEYS	DEGREES

NO.	DRILLING STRING		BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDITION
	STANDS	FT.																
	SINGLES	FT.																
	D C 'S	FT.																
	SUB	FT.																
	SUB	FT.																
	BIT OR C B	FT.																
		FT.																
	KELLY IN	FT.																
TOTAL		7080 FT.																

MUD	8 A.M.	10 A.M.	12 NOON	2 P.M.	WATER LOSS	FILTER CAKE	PH
WEIGHT							
VISCOSITY	123	135	135	135			
PUMP PRESSURE							
R.P.M. PUMP NO.1							
R.P.M. PUMP NO.2							

ADDITIVES: 32 SKS. Gel

PUMP NO. 1 LINER SIZE ____ PUMP NO. 2 LINER SIZE ____

GENERAL REMARKS

REMARKS	START	STOP	INT VAL
W.O.O.	8:00	4:00	8

TOUR NO. 3 4 P.M. TO MIDNIGHT

	HOURS
DRILLER M. Joh Boychuk	4
DERRICK Ed Perto	4
FLOOR R Harrison	4
FLOOR D. Oman	4
FLOOR W Oliver	4
FIREMAN	
MECHANIC	
INJURIES	

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT SURVEYS	DEGREES

NO.	DRILLING STRING		BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDITION
	STANDS	FT.																
	SINGLES	FT.																
	D.C.'S	FT.																
	SUB	FT.																
	SUB	FT.																
	BIT OR C.B.	FT.																
		FT.																
	KELLY IN	FT.																
TOTAL		FT.																

MUD	4 P.M.	6 P.M.	8 P.M.	10 P.M.	WATER LOSS	FILTER CAKE	PH
WEIGHT	9.2	9.2	9.2	9.2	6.8	2/32	9.5
VISCOSITY	140	138	140	215			
PUMP PRESSURE	750	750	750	750			
R.P.M. PUMP NO.1	56	56	56	56			
R.P.M. PUMP NO.2							

ADDITIVES: GEL - 2400 #, CAUSTIC - 50 #

PUMP NO. 1 LINER SIZE ____ PUMP NO. 2 LINER SIZE ____

GENERAL REMARKS

REMARKS	START	STOP	INT VAL
W.O.O.	4:00	12:00	8

DRILL PIPE SIZE	TYPE	TOTAL NO. OF JOINTS	DATE LAST SONOSCOPED	FOOTAGE DRILLED SINCE LAST SONOSCOPED	TOTAL FOOTAGE DRILLED	LAST CALIPER DATE	RESULTS	CODE LETTER OF STRING
4 1/2	XH							

B.O.P.'S TESTED ____ ELAPSED TIME ____ PRESSURE ____ RESULTS ____ TOTCO RING ON BIT NO. ____

TOOLPUSHER L Marshall

APPROVED BY D Lanford

REGENT DRILLING LIMITED

DAY WORK RECORD

DATE Feb 14/73 REPORT NO. 25

WELL NAME H.B. AMOCO S. ISLAND R

DATE Feb 14/73

RIG NO. 3

LOCATION LSD. M SEC. 52 TWP. ____ RGE. ____

PLEASE SHOW FOOTAGE MADE WHILE "CONTROL DRILLING" AS WELL AS HOURS AND ALSO RECORD CORE CUTTERS, CATCHERS, SWAB RUBBERS, ETC.

PUMPS

MANUFACTURER	TYPE	STROKE LENGTH
NO. 1 EMSCO	D-500	16"
NO. 2 OILWELL	214-P	14"

LAST CASING SIZE: 10 3/4 — LAST CASING SET AT: 912

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT
7010	70	7080	5	149,000	4-6 3/4 / 19-6 1/4	57,000

TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT	SURVEYS	DEGREES
	8	11438	46	10693	2725	Feb 7/73			

TOUR NO. 1 MIDNIGHT TO 8 A.M.

EACH EMPLOYEE MUST SIGN THIS BOOK

	HOURS
DRILLER GARY CHRISTENSEN	8
DERRICK LEON VINCK	8
FLOOR BILL WOOLSEY	8
FLOOR TOM BOND	8
FLOOR MIKE LEES	8
FIREMAN	
MECHANIC	
INJURIES	

NO.	DRILLING STRING		BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDITION
68	STANDS	6377.69 FT.	13	8 3/4	0	49588	XDV	45	74	6963	7037	74	4 1/4					DRLG.
	SINGLES	FT.																
23	D C S	674.32 FT.																
	SUB	2.90 FT.																
	SUB	3.40 FT.																
	BIT OR C B	2.90 FT.																
		FT.																
	KELLY IN	19.56 FT.																

TOTAL 7080 FT.

MUD	12 MID.	2 A.M.	4 A.M.	6 P.M.	WATER LOSS	FILTER CAKE	PH
WEIGHT	9.2	9.2	9.2	9.2			
VISCOSITY	150	180	185	190			
PUMP PRESSURE	725	750	750	750			
R.P.M. PUMP NO. 1	56	56	56	50			
R.P.M. PUMP NO. 2							

PUMP NO. 1 LINER SIZE 5 1/2 — PUMP NO. 2 LINER SIZE 5 1/2

GENERAL REMARKS

ADDITIVES SAWDUST 80 SKS
GEL - 2000#
CANE FIBRE - 10 BAGS
Caust. 150#

REMARKS

REMARKS	START	STOP	INT VAL
DRLG 8 3/4" HOLE	12:00	1:45	1 3/4
RIG SERV' CHECK B.O.P'S	1:45	2:00	1/4
DRLG 8 3/4" HOLE	2:00	5:15	3 1/4
CIRC COND HOLE	5:15	6:00	3/4
DUMMY TRIP 5 STANDS	6:00	7:00	1
CIRC COND. HOLE	7:00	8:00	1

TOUR NO. 2 3 A.M. TO 4 P.M.

	HOURS
DRILLER Mitch Baychuk	8
DERRICK ED PRATO	8
FLOOR R. HARRISON	8
FLOOR D. OMAN	8
FLOOR W OLIVER	8
FIREMAN	
MECHANIC	
INJURIES	

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT
7080						

TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT	SURVEYS	DEGREES
		11438	46	11438	2679	Feb 14/73			

NO.	DRILLING STRING		BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDITION
	STANDS	FT.																
	SINGLES	FT.																
	D C 'S	FT.																
	SUB	FT.																
	SUB	FT.																
	BIT OR C B	FT.																
		FT.																
	KELLY IN	FT.																

TOTAL FT.

MUD	8 A.M.	10 A.M.	12 NOON	2 P.M.	WATER LOSS	FILTER CAKE	PH
WEIGHT							
VISCOSITY							
PUMP PRESSURE							
R.P.M. PUMP NO. 1							
R.P.M. PUMP NO. 2							

PUMP NO. 1 LINER SIZE — PUMP NO. 2 LINER SIZE

GENERAL REMARKS

ADDITIVES

REMARKS

REMARKS	START	STOP	INT VAL
CIRC COND MUD	8:00	10:00	2
PULL OUT OF HOLE	10:00	1:30	5 1/2
Rig up ~~Tes~~ Logging Tool	1:30		
WAIT ON Log Truck	1:30	3:00	1 1/2
Logging Tool Rig up. Log	3:00	4:00	1
	4:00		

TOUR NO. 3 4 P.M. TO MIDNIGHT

	HOURS
DRILLER Mitch Baychuk	4
DERRICK ED PRATO	4
FLOOR R HARRISON	4
FLOOR D OMAN	4
FLOOR W OLIVER	4
FIREMAN	
MECHANIC	
INJURIES	

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C WEIGHT

TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT	SURVEYS	DEGREES

NO.	DRILLING STRING		BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDITION
	STANDS	FT.																
	SINGLES	FT.																
	D.C.'S	FT.																
	SUB	FT.																
	SUB	FT.																
	BIT OR C.B.	FT.																
		FT.																
	KELLY IN	FT.																

TOTAL FT.

MUD	4 P.M	6 P.M.	8 P.M.	10 P.M.	WATER LOSS	FILTER CAKE	PH
WEIGHT							
VISCOSITY							
PUMP PRESSURE							
R.P.M. PUMP NO. 1							
R.P.M. PUMP NO. 2							

PUMP NO. 1 LINER SIZE — PUMP NO. 2 LINER SIZE

GENERAL REMARKS

REMARKS

REMARKS	START	STOP	INT VAL
Logging	4:00	12:00	8

DRILL PIPE SIZE 4 1/2	TYPE X H	TOTAL NO. OF JOINTS	DATE LAST SONOSCOPED	FOOTAGE DRILLED SINCE LAST SONOSCOPED	TOTAL FOOTAGE DRILLED	LAST CALIPER DATE / RESULTS / CODE LETTER OF STRING
B.O.P.'S TESTED		ELAPSED TIME	PRESSURE	RESULTS	TOTCO RING ON BIT NO.	

TOOLPUSHER [signature]

APPROVED BY [signature]

REGENT DRILLING LIMITED

DAY WORK RECORD

DATE February 13/73 REPORT NO. 24

WELL NAME Hudson's Bay Pimoos d Inland R.

DATE February 13/73

RIG NO. 3

LOCATION LSD. 11 SEC. 52 TWP. ____ RGE. ____

PLEASE SHOW FOOTAGE MADE WHILE "CONTROL DRILLING" AS WELL AS HOURS AND ALSO RECORD CORE CUTTERS, CATCHERS, SWAB RUBBERS, ETC.

PUMPS

MANUFACTURER	TYPE	STROKE LENGTH
NO. 1 Emsco	D-375	16"
NO. 2 Oilwell	214-P	14"

LAST CASING SIZE	LAST CASING SET AT
11 3/4"	412'

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT SURVEYS	DEGREES

TOUR NO. 1 MIDNIGHT TO 8 A.M. (EACH EMPLOYEE MUST SIGN THIS BOOK) — HOURS

DRILLER Jim Holubicky	8
DERRICK Richard Rumbold	8
FLOOR Harry Davis	8
FLOOR Ralf McKenzie	8
FLOOR Ray Maughton	8
FIREMAN	
MECHANIC	
INJURIES	

NO.	DRILLING STRING		BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDITION
	STANDS	FT.																
	SINGLES	FT																
	D C 'S	FT.																
	SUB	FT.																
	SUB	FT.																
	BIT OR C B	FT.																
		FT.																
	KELLY IN	FT.																
TOTAL		FT.																

MUD	12 MID.	2 A.M.	4 A.M.	6 P.M.	WATER LOSS	FILTER CAKE	PH
WEIGHT							
VISCOSITY					ADDITIVES water		
PUMP PRESSURE					Gel - 3000#		
R.P.M. PUMP NO. 1					CMC - 50#		
R.P.M. PUMP NO. 2							
PUMP NO. 1 LINER SIZE		PUMP NO. 2 LINER SIZE					

GENERAL REMARKS

Mix gel & water for volume to fill hole

in 5 min

REMARKS	TIME START	TIME STOP	TIME INT VAL
Pull out of hole	12 00	1 15	1 1/4
Thaw stand pipe & Kelly hose	1 15	2 15	1
Pull out of hole	2 15	8 00	5 3/4
DST #1, 6950 - 6980 - Slave Pt.			Ran Duct
7 5/8" Packer, M.F.E. Pump & T.C.B. Tare Safety			
IT 5 min IF 30 min ISI 60 min FH 60. FSI			
IHP 3434. ISIP 2251 IFP 760 FFP 613. FSIP 1193			
FHP 3240			
Gas to Surface in 1 min on PF Building up MCF			
No. 4 MCF Decreasing To 500 MCF in 15 min Decrease to			
2500 MCF at End of Test. Recovered 1205' Dely Mud.			

TOUR NO. 2 8 A.M. TO 4 P.M. — HOURS

DRILLER Gary Christensen	8
DERRICK Leon Vinck	8
FLOOR R. Harrison	4
FLOOR Tom Bond	8
FLOOR Mike Lees	8
FIREMAN	
MECHANIC	
INJURIES	

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT SURVEYS	DEGREES
6980		6980		146,000	4-6 3/4 19-6 1/4	57,000									

NO.	DRILLING STRING		BITS RUN NO	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDITION
66	STANDS	FT	#13	8 3/4	6 OF 32	49589	XDV											
2	SINGLES	62.55.71 FT																
23	D C 'S	674.32 FT																
	SUB	2.90 FT.																
	SUB	3.40 FT																
	BIT OR C B	FT.																
		FT.																
	KELLY IN	FT.																
TOTAL		FT.																

MUD	8 A.M.	10 A.M.	12 NOON	2 P.M.	WATER LOSS	FILTER CAKE	PH
WEIGHT							
VISCOSITY					ADDITIVES		
PUMP PRESSURE							
R.P.M. PUMP NO. 1							
R.P.M. PUMP NO. 2							
PUMP NO. 1 LINER SIZE		PUMP NO. 2 LINER SIZE					

GENERAL REMARKS

REMARKS	TIME START	TIME STOP	TIME INT VAL
TRIP OUT W/TEST TOOLS	8 00	10 30	2 1/2
RIG SERV. & CHECK B.O.P'S	10 30	10 45	1/4
BREAK DOWN & SERV. TEST TOOLS	10 45		
& LOAD OUT		1 45	3
CHANGE KELLY HOSE (UNTHAW	1 45		
KELLY & BLOW W/STEAM.		4 00	2 1/4

TOUR NO. 3 4 P.M. TO MIDNIGHT — HOURS

DRILLER Mitch Baychuk	8
DERRICK Ed Prato	8
FLOOR R Harrison	8
FLOOR D. Oman	8
FLOOR W. Oliver	8
FIREMAN	
MECHANIC	
INJURIES	

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT SURVEYS	DEGREES
6980	30	7010	2 1/2	118M	9-6 1/4	58M			11438	46	10693	2725			

NO.	DRILLING STRING		BITS RUN NO	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDITION
67	STANDS	6285-8 FT	15	8 3/4	0	49588	XDV	45	72	6963	7010	47	5 1/2					
	SINGLES	FT.																
23	D.C.'S	674.32 FT.																
1	SUB	2.90 FT.																
1	SUB	3.40 FT.																
1	BIT OR C.B.	2.90 FT.																
		FT.																
	KELLY IN	41.00 FT.																
TOTAL		7010.82 FT.																

MUD	4 P.M	6 P.M.	8 P.M.	10 P.M.	WATER LOSS	FILTER CAKE	PH
WEIGHT							
VISCOSITY					ADDITIVES		
PUMP PRESSURE					Gel - 2220#		
R.P.M. PUMP NO. 1							
R.P.M. PUMP NO. 2							
PUMP NO. 1 LINER SIZE		PUMP NO. 2 LINER SIZE					

GENERAL REMARKS

REMARKS	TIME START	TIME STOP	TIME INT VAL
PUT Kelly on	4 00	4 30	1/2
Run in hole	4 30	8 30	4
Work on Pump	9 30	9 00	1/2
Circ Btm hole.	9 00	9 30	1/2
Drill	9 30	12 00	2 1/2

DRILL PIPE SIZE	TYPE	TOTAL NO. OF JOINTS	DATE LAST SONOSCOPED	FOOTAGE DRILLED SINCE LAST SONOSCOPED	TOTAL FOOTAGE DRILLED	LAST CALIPER DATE	RESULTS	CODE LETTER OF STRING

B.O.P.'S TESTED	ELAPSED TIME	PRESSURE	RESULTS	TOTCO RING ON BIT NO.

TOOLPUSHER A. Marshall

APPROVED BY ____

REGENT DRILLING LIMITED

DAY WORK RECORD

DATE February 12/73 REPORT NO. 23

PLEASE SHOW FOOTAGE MADE WHILE "CONTROL DRILLING" AS WELL AS HOURS AND ALSO RECORD CORE CUTTERS, CATCHERS, SWAB RUBBERS, ETC.

DATE February 12/73 WELL NAME Hudson Bay Omineca

RIG NO. 5 LOCATION LSD. M SEC. 52 TWP. ____ RGE. ____

PUMPS

	MANUFACTURER	TYPE	STROKE LENGTH
NO. 1	Emsco	D-5	16"
NO. 2	OIL WELL	214-D	14"

LAST CASING SIZE: 11 3/4" LAST CASING SET AT: 412'

TOUR NO. 1 MIDNIGHT TO 8 A.M.

EACH EMPLOYEE MUST SIGN THIS BOOK	HOURS
DRILLER Jim Halabitsky	8
DERRICK Richard Remillard	8
FLOOR Harry Louise	12
FLOOR Ray McKenzie	8
FLOOR Ray Maughan	8
FIREMAN	
MECHANIC	
INJURIES	

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT SURVEYS	DEGREES
		6980		46,000	4-6 3/4, 14-1 1/2"	57,000		8	11252	46	10693	2725	Feb 7/73		

NO.	DRILLING STRING		BITS PUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDITION
64	STANDS	6255.71 FT.	#13	8 3/4"	6 1/2	49838	XDV			6963	6980	17	1					
2	SINGLES	FT.																
23	D C 'S	674.32 FT.																
1	SUB	2.40 FT.																
1	SUB	3.40 FT.																
1	~~BIT OR C B~~ SHOCK SUB	9.30 FT.																
		FT.																
	KELLY IN	34.91 FT.																
TOTAL	6980	FT.																

MUD	12 MID.	2 A.M.	4 A.M.	6 P.M	WATER LOSS	FILTER CAKE	PH
WEIGHT							
VISCOSITY							
PUMP PRESSURE							
R.P.M. PUMP NO. 1							
R.P.M. PUMP NO. 2							
PUMP NO. 1 LINER SIZE			PUMP NO. 2 LINER SIZE				

ADDITIVES: Gel 3000 LB; Cmc Reg 50#; Sawdust 125 SH; Conc Fibre 10 SHK

GENERAL REMARKS

REMARKS	START	STOP	INT VAL
Condition mud (circulate)	12 00	12 30	1/2
Dummy trip 5 stands	12 30	1 30	1
Service rig + check bop	1 30	1 45	1/4
Repair 2" pressure valve on kelly fill hose	1 45	2 00	1/4
Circulate to cond. hole for test	2 00	5 30	3 1/2
Trip out of hole	5 30	7 00	2 1/2

TOUR NO. 2 8 A.M. TO 4 P.M.

	HOURS
DRILLER Gary Christensen	8
DERRICK Leon Vinck	8
FLOOR R. Harrison	4
FLOOR Tom Bond	8
FLOOR Mike Lees	8
FIREMAN	
MECHANIC	
INJURIES	

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT SURVEYS	DEGREES
6980	~	6980		146,000	4-6 3/4, 1-6 5/8	57,000		8	11252	46	10693	2725	Feb 7/73		

NO.	DRILLING STRING		BITS RUN NO	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDITION
66	STANDS	FT																
2	SINGLES	6255.71 FT																
23	D C 'S	FT																
	SUB C/O	6.74 FT.																
	SUB C/O	2.90 FT																
	BIT OR C B	3.40 FT																
1	SHOCK SUB	9.30 FT																
	KELLY IN	34.91 FT.																
TOTAL	6980	FT																

MUD	8 A.M	10 A.M.	12 NOON	2 P.M	WATER LOSS	FILTER CAKE	PH
WEIGHT							
VISCOSITY							
PUMP PRESSURE							
R.P.M. PUMP NO.1							
R.P.M. PUMP NO.2							
PUMP NO. 1 LINER SIZE	5 1/2		PUMP NO. 2 LINER SIZE	5 1/2			

ADDITIVES

GENERAL REMARKS

REMARKS	START	STOP	INT VAL
RIG SERV & CHECK B.O.P'S	8 00	8 15	1/4
TRIP OUT - & STRAP OUT	8 15	9 45	1 1/2
WORK ON FROZEN AIRLINE TO FLOWLINE CONTROL	9 45	10 30	3/4
TRIP OUT	10 30	11 00	1/2
WORK ON BREAKOUT LINE	11 00	11 30	1/2
FINISH OUT - LAY SHOCK SUB DOWN	11 30	12 15	3/4
PICK UP & MAKE UP TESTING TOOLS	12 15	2 30	2 1/4
TRIP IN W/TEST TOOLS	2 30	4 00	1 1/2

TOUR NO. 3 4 P.M. TO MIDNIGHT

	HOURS
DRILLER Mitch Boychuk	8
DERRICK Ed Peato	8
FLOOR R. Harrison	8
FLOOR D. Oman	8
FLOOR W. Oliver	8
FIREMAN	
MECHANIC	
INJURIES	

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT SURVEYS	DEGREES
									11252	46	10693	2725	Feb 7/73		

NO.	DRILLING STRING		BITS RUN NO	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDITION
	STANDS	FT.																
	SINGLES	FT.																
	D.C.'S	FT.																
	SUB	FT.																
	SUB	FT																
	BIT OR C.B.	FT.																
	TEST TOOLS	FT.																
	KELLY IN	FT.																
TOTAL	6980	FT.																

MUD	4 P.M.	6 P.M.	8 P.M.	10 P.M.	WATER LOSS	FILTER CAKE	PH
WEIGHT							
VISCOSITY							
PUMP PRESSURE							
R.P.M. PUMP NO. 1							
R.P.M. PUMP NO 2							
PUMP NO. 1 LINER SIZE			PUMP NO. 2 LINER SIZE				

ADDITIVES

GENERAL REMARKS

REMARKS	START	STOP	INT VAL
Running hole @ Test Tool	4 00	6 00	2
R.U. up Test Tool & Test	6 00	9	3
Pull out of hole	9	12 00	3

DRILL PIPE SIZE	TYPE	TOTAL NO. OF JOINTS	DATE LAST SONOSCOPED	FOOTAGE DRILLED SINCE LAST SONOSCOPED	TOTAL FOOTAGE DRILLED	LAST CALIPER DATE	RESULTS	CODE LETTER OF STRING

B.O.P.'S TESTED	ELAPSED TIME	PRESSURE	RESULTS	TOTCO RING ON BIT NO.

~~TOOL~~PUSHER L. Strickland

APPROVED BY ____

REGENT DRILLING LIMITED

DAY WORK RECORD

DATE February 11/73 REPORT NO. 22

PLEASE SHOW FOOTAGE MADE WHILE "CONTROL DRILLING" AS WELL AS HOURS AND ALSO RECORD CORE CUTTERS. CATCHERS. SWAB RUBBERS. ETC.

DATE February 11/73 WELL NAME Hudson Bay Cimaron et Inland R.

RIG NO. 3 LOCATION LSD. 11 SEC. 32 TWP. ____ RGE. ____

PUMPS

MANUFACTURER	TYPE	STROKE LENGTH
NO. 1 Emsco	D-500	16"
NO. 2 Gilwell	3K-P	14"

LAST CASING SIZE 11 3/4" LAST CASING SET AT 912'

EACH EMPLOYEE MUST SIGN THIS BOOK

TOUR NO. 1 MIDNIGHT TO 8 A.M.

	HOURS
DRILLER Jim Holinsky	8
DERRICK Richard Remillard	8
FLOOR Harry Davis	12
FLOOR Ray McKenzie	8
FLOOR Ray Naughton	8
FIREMAN	
MECHANIC	
INJURIES	

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT SURVEYS	DEGREES
6898'	52'	6928'	7 3/4	146,000	7-6 3/4 19-6 1/4	57,000		8	11066	46	10673	2725'	Feb. 7/73		

NO.	DRILLING STRING		BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDITION
66	STANDS	6224.01 FT.	#12	8 3/4	OPEN	49585	XDV	40/50	77	6799	6928	129	~~174~~ 194 hr.					Drlg.
1	SINGLES	FT.																
23	D C S	674.32 FT.																
1	SUB	2.90 FT.																
1	SUB	3.40 FT.																
1	~~BIT SUB~~ SHOCK SUB	4.30 FT.																
		FT.																
	KELLY IN	15.00 FT.																
TOTAL		6928.13 FT.																

MUD	12 MID.	2 A.M.	4 A.M.	6 P.M.
WEIGHT	9.6	9.6	9.6	9.6
VISCOSITY	42	70	75	72
PUMP PRESSURE	720	750	750	750
R.P.M. PUMP NO. 1	56	56	56	56
R.P.M. PUMP NO. 2	On			

WATER LOSS 8.4 FILTER CAKE 2/32 PH 9.5

ADDITIVES Water

PUMP NO. 1 LINER SIZE 5 1/2 PUMP NO. 2 LINER SIZE 5 1/2

GENERAL REMARKS: Held "blow out" drill. Fuel in top tank @ 7:00 - 5'. Cotac - 100#, Gel - 2000#, C.M.C. - 50#, Xanex - 8#

REMARKS	START	STOP	INT VAL
Drilling 8 3/4" hole	12 00	3 00	3
Service rig & check 4½" rams & Kelly Cock	3 00	3 15	1/4
Drilling 8 3/4" hole	3 15	8 00	4 3/4

TOUR NO. 2 8 A.M. TO 4 P.M.

	HOURS
DRILLER Gary Christensen	8
DERRICK Leon Vinck	8
FLOOR R. Harrison	4
FLOOR Tom Bond	8
FLOOR Mike Lees	8
FIREMAN	
MECHANIC	
INJURIES	

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT SURVEYS	DEGREES
6928	35	6963	4 1/2	146,000	7-6 3/4 19-6 1/4	57,000		8	11066	46	10693	2725'	July 7/73	6962	2 3/4

NO.	DRILLING STRING		BITS RUN NO	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDITION
66	STANDS	FT.	#12	8 3/4	OPEN	49585	XDV	45/60	77	6799	6963	164	23 3/4					
2	SINGLES	62.55.71 FT																
23	D C S	674.32 FT																
1	SUB 4/0	2.90 FT.																
1	SUB 4/0	3.40 FT																
1	~~SHOCK SUB~~	9.30 FT																
		FT																
	KELLY IN	17.37 FT.																
TOTAL		6963 FT																

MUD	8 A.M.	10 A.M.	12 NOON	2 P.M.
WEIGHT	9.7	9.6	9.6	1
VISCOSITY	85	84	82	R
PUMP PRESSURE	750	750	750	1
R.P.M. PUMP NO.1	56	56	56	P
R.P.M. PUMP NO.2				

WATER LOSS 6.6 FILTER CAKE 2/32 PH 9.5

ADDITIVES 1" STREAM H2O

PUMP NO. 1 LINER SIZE 5 1/2 PUMP NO. 2 LINER SIZE 5 1/2

GENERAL REMARKS:

REMARKS	START	STOP	INT VAL
DRLG. 8 3/4" HOLE	8 00	11 30	3 1/2
RIG SERV. & CHECK B.O.P's	11 30	11 45	1/4
DRLG. 8 3/4" HOLE	11 45	12 45	1
CIRC. DROP SURVEY & PUMP DOWN	12 45	1 15	1/2
TRIP OUT	1 15	4 00	2 3/4

TOUR NO. 3 4 P.M. TO MIDNIGHT

	HOURS
DRILLER Mitch Boychuk	8
DERRICK Ed Prato	8
FLOOR R Harrison	8
FLOOR D. Oman	8
FLOOR W Oliver	8
FIREMAN	
MECHANIC	
INJURIES	

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT SURVEYS	DEGREES
6963	17	6980	1	146M	7-6 3/4 19-6 1/4	57 M		8	11252	46	10693	2725	Feb 7/73	6962	2 3/4

NO.	DRILLING STRING		BITS RUN NO	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDITION
66	STANDS	6255 FT	13	8 3/4	O	49588	XDV	45	72	6963	6980	17	1					
2	SINGLES	FT.																
23	D.C.'S	674.32 FT.																
1	SUB	2.90 FT.																
1	SUB	3.40 FT.																
1	BIT OR C.B.	9.30 FT.																
		FT.																
	KELLY IN	34.91 FT.																
TOTAL		6980 O.D. FT																

MUD	4 P.M.	6 P.M.	8 P.M.	10 P.M.
WEIGHT				9.5
VISCOSITY				40
PUMP PRESSURE				30
R.P.M. PUMP NO. 1				54
R.P.M. PUMP NO. 2				

WATER LOSS FILTER CAKE PH

ADDITIVES Gel - 40 SKS, Bent-ex - 2 SKS, WATER

PUMP NO. 1 LINER SIZE PUMP NO. 2 LINER SIZE

GENERAL REMARKS: Checked 6 Fire Extinguisher working O.K. Last some mud to formation

REMARKS	START	STOP	INT VAL
Finish Pull out of hole	4 00	5 15	1 1/4
Change Bit Check Blind Rams	5 15	5 30	1/4
Run in hole	5 30	7 00	1 1/2
Clean Fo Btm 28 Feet	7 00	8 15	1 1/4
Drill	8 15	9 15	1.
Circ Sample up	9 15		
Condition mud			12 00

DRILL PIPE SIZE	TYPE	TOTAL NO. OF JOINTS	DATE LAST SONOSCOPED	FOOTAGE DRILLED SINCE LAST SONOSCOPED	TOTAL FOOTAGE DRILLED	LAST CALIPER DATE	RESULTS	CODE LETTER OF STRING
4 1/2	X H							

B.O.P.'S TESTED	ELAPSED TIME	PRESSURE	RESULTS	TOTCO RING ON BIT NO. 15 ✓

TOOLPUSHER L. Hansen

APPROVED BY D. Simpson

REGENT DRILLING LIMITED

DAY WORK RECORD

DATE February 10/73 REPORT NO. 21

PLEASE SHOW FOOTAGE MADE WHILE "CONTROL DRILLING" AS WELL AS HOURS AND ALSO RECORD CORE CUTTERS. CATCHERS. SWAB RUBBERS. ETC.

DATE February 10/73 WELL NAME Hudson's Bay Amoco S. Island K.

RIG NO. 3 LOCATION LSD. 14 SEC. 32 TWP. ___ RGE. ___

PUMPS

	MANUFACTURER	TYPE	STROKE LENGTH
NO. 1	Amoco	D-500	16"
NO. 2	Oilwell	E14-P	14"

LAST CASING SIZE	LAST CASING SET AT
10 3/4"	912'

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT SURVEYS	DEGREES
6799'					4-6 3/4" 12-6 1/4"	57,000	1	8						6799'	3°

TOUR NO. 1 MIDNIGHT TO 8 A.M.

EACH EMPLOYEE MUST SIGN THIS BOOK

		HOURS
DRILLER	Jim Hobbishop	8
DERRICK	Richard Remillard	8
FLOOR	Harry Davies	12
FLOOR	Ray McKenzie	8
FLOOR	Ray Monaghan	8
FIREMAN		
MECHANIC		
INJURIES		

NO.	DRILLING STRING		BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDITION
64	STANDS	6006.49 FT.	#12	8 3/4"	OPEN	49585	XDV											
2	SINGLES	FT.																
23	D.C.'S	674.32 FT.																

1	SUB	2.90 FT.	MUD	12 MID.	2 A.M.	4 A.M.	6 P.M.	WATER LOSS	FILTER CAKE	PH
1	SUB	3.40 FT.	WEIGHT					
1	~~SHOCK SUB~~ BIT OR C.B.	9.30 FT.	VISCOSITY					ADDITIVES
		FT.	PUMP PRESSURE					
	KELLY IN	41.00 FT.	R.P.M. PUMP NO. 1					
			R.P.M. PUMP NO. 2					
TOTAL	6749.41 FT.		PUMP NO. 1 LINER SIZE 5 1/2"		PUMP NO. 2 LINER SIZE 5 1/2"			

GENERAL REMARKS

REMARKS	TIME START	TIME STOP	TIME INTERVAL
Pull out of hole @ bit # 11	12 00	2 15	2 1/4
Service rig & check blind rams	2 15	2 30	1/4
Run in @ bit # 12 (very windy)	2 30	6 30	4
Pick up Kelly. Break circulation and ream from 6540'	6 30	8 00	1 1/2

TOUR NO. 2 8 A.M. TO 4 P.M.

		HOURS
DRILLER	Gary Christensen	8
DERRICK	Leon Vinck	8
FLOOR	~~Ray Harrison~~ ~~Davies~~	4
FLOOR	Tom Bond	8
FLOOR	Mike Lees	8
~~MECHANIC~~ FIREMAN	~~Al Davies~~	~~4~~
MECHANIC		
INJURIES		

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT SURVEYS	DEGREES
6799	27	6826	3 1/2	4-6 3/4 19-6 1/4	43,000	57,000	1	8	11,066	46'	10,693	2725	Feb 7/73		

NO.	DRILLING STRING		BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDITION
65	STANDS	6099.54 FT.	#12	8 3/4"	OPEN	49585	XDV	25/30	105	6799	6826	27	3 1/2					DRLG
	SINGLES	FT.																
23	D.C.'S	674.32 FT.																

1	SUB 9/0	2.90 FT.	MUD	8 A.M.	10 A.M.	12 NOON	2 P.M.	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS
1	SUB 9/0	3.40 FT.	WEIGHT		9.8	9.8	9.8			9.5	REAM & CLEAN 250' TO BOTTOM
1	~~SHOCK SUB~~	9.30 FT.	VISCOSITY		67	75	70	ADDITIVES			
		FT.	PUMP PRESSURE		700	700	725	GEL - 2000#			
	KELLY IN	36.54 FT.	R.P.M. PUMP NO. 1		56	56	56	BENEX - 4 SAX			
			R.P.M. PUMP NO. 2					CAUSTIC - 50#			
TOTAL	6826 FT.		PUMP NO. 1 LINER SIZE 5 1/2		PUMP NO. 2 LINER SIZE 5 1/2			H2O - LA242 "STREAM 20' FILL			

REMARKS	TIME START	TIME STOP	TIME INTERVAL
Ream & Clean Hole 250'	8 00	12 15	4 1/4
Rig Serv. & Check B.O.P.'s	12 15	12 30	1/4
Drlg 8 3/4" Hole	12 30	4 00	3 1/2

TOUR NO. 3 4 P.M. TO MIDNIGHT

		HOURS
DRILLER	Mitch Boychuk	8
DERRICK	Ed Prato	8
FLOOR	R. Harrison	8
FLOOR	D. Oman	8
FLOOR	W. Oliver	8
FIREMAN		
MECHANIC		
INJURIES		

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT SURVEYS	DEGREES
6826	50	6876	8	146M	4-6 3/4 19-6 1/4	57.M		8	11,066	46	10693	2725	Feb 7/73		

NO.	DRILLING STRING		BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDITION
65	STANDS	6162.87 FT.	12	8 3/4	O	49585	XDV	25/45	105	6799	6876	77	11 1/2					
2	SINGLES	FT.																
23	D.C.'S	674.32 FT.																

1	SUB	2.90 FT.	MUD	4 P.M.	6 P.M.	8 P.M.	10 P.M.	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS
1	SUB	3.40 FT.	WEIGHT	9.7	9.6	9.7	9.7	7.4	2/32	10.	Dump Tanks.
1	BIT OR C.B.	9.30 FT.	VISCOSITY	65	68	77	78	ADDITIVES			
		FT.	PUMP PRESSURE	650	650	650	650	GEL - 50 SKS.			
	KELLY IN	23.21 FT.	R.P.M. PUMP NO. 1	56	56	56	56	CAUSTIC - 100#			
			R.P.M. PUMP NO. 2					BEN-EX - 11 2# SKS.			
TOTAL	6876. FT.		PUMP NO. 1 LINER SIZE 5 1/2		PUMP NO. 2 LINER SIZE 5 1/2			WATER			

REMARKS	TIME START	TIME STOP	TIME INTERVAL
DRILL	4 00	12 00	8
Held @ crew safety meeting on Cathead & drawworks controls also B.O.P. drill			

DRILL PIPE SIZE	TYPE	TOTAL NO. OF JOINTS	DATE LAST SONOSCOPED	FOOTAGE DRILLED SINCE LAST SONOSCOPED	TOTAL FOOTAGE DRILLED	LAST CALIPER DATE	RESULTS	CODE LETTER OF STRING
4 1/2	XH	261						

B.O.P.'S TESTED	ELAPSED TIME	PRESSURE	RESULTS	TOTCO RING ON BIT NO.

TOOLPUSHER L Marshall

APPROVED BY ___

REGENT DRILLING LIMITED

DAY WORK RECORD

DATE February 9/73 REPORT NO. 20

PLEASE SHOW FOOTAGE MADE WHILE "CONTROL DRILLING" AS WELL AS HOURS AND ALSO RECORD CORE CUTTERS. CATCHERS. SWAB RUBBERS. ETC.

DATE February 9/73 WELL NAME Hudsons Bay Amoco Leduc R.

RIG NO. 3 LOCATION LSD. M SEC. 32 TWP. RGE.

PUMPS

MANUFACTURER	TYPE	STROKE LENGTH
NO. 1 Emsco	D-500	16"
NO. 2 Oilwell	214-P	14"

LAST CASING SIZE	LAST CASING SET AT
10 3/4"	912'

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S.	D.C. WEIGHT
6532'	66'	6648	5 1/4	142,000	4-6 3/4" 19-6 1/2"	57,000

TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT SURVEYS	DEGREES
	8	10,880	46	10.693	2725	Feb. 7/73	6540'	2 1/2°

EACH EMPLOYEE MUST SIGN THIS BOOK

TOUR NO. 1 MIDNIGHT TO 8 A.M.

	HOURS
DRILLER Jim Halatsky	8
DERRICK Richard Remillard	8
FLOOR Harry Dowell	8
FLOOR Ray McKenzie	8
FLOOR	
FIREMAN	
MECHANIC	
INJURIES	

NO.	DRILLING STRING		BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDITION
63	STANDS	5945.44 FT.	#11	8 3/4"	1-11 2-12	49511	X1G	25/30	105	6443'	6648	205	18 1/4					Running
1	SINGLES	FT.																
23	D.C.'S	674.32 FT.																
1	SUB	2.90 FT.																
1	SUB	3.40 FT.																
1	~~Shock Sub BIT OR C.B.~~ Sub	9.30 FT.																
		FT.																
	KELLY IN	13.00 FT.																
TOTAL	6648.86	FT.																

MUD	12 MID.	2 A.M.	4 A.M.	6 P.M.	WATER LOSS	FILTER CAKE	PH
WEIGHT	9.6	9.6	9.6	9.6	8.0	2/32	
VISCOSITY	75	70	70	64			
PUMP PRESSURE	1400	1400	1400	1400			
R.P.M. PUMP NO. 1	56	56	56	56			
R.P.M. PUMP NO. 2							

PUMP NO. 1 LINER SIZE 5 1/2" PUMP NO. 2 LINER SIZE 5 1/2"

ADDITIVES Wate... Gel - 2500# Benex - 10# Caustic - 50#

GENERAL REMARKS

Changed head on flywheel side of D-500.

Fuel @ rig - Top tanks full

REMARKS	TIME START	TIME STOP	TIME INTERVAL
Run survey @ 6540' (40' off btm)	12 00	12 45	3/4
Service rig & check B + Ps	12 45	1 00	1/4
Repair 4" camco valve on mud man.	1 00	1 30	1/2
Drilling 8 3/4" hole	1 30	3 00	1 1/2
Worked on #1 pump + mud manifold	3 00	4 15	1 1/4
Drilling 8 3/4" hole	4 15	8 00	3 3/4

TOUR NO. 2 8 A.M. TO 4 P.M.

	HOURS
DRILLER Gary Christensen	8
DERRICK Leon Vinck	8
FLOOR Wayne Oliver	8
FLOOR Tom Bondo	8
FLOOR Mike Lees	8
FIREMAN	
MECHANIC	
INJURIES	

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S.	D.C. WEIGHT
6648	82	6730	5 1/4	142,000	4-6 3/4" 19-6 1/4"	57,000

TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT SURVEYS	DEGREES
	8	10.880	46	10.693	2725	Feb 7/73	6708	3°

NO.	DRILLING STRING		BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDITION
64	STANDS	6007.92 FT.	#11	8 3/4	1-11 2-12	49511	X1G	25/30	105	6443	6730	287	23 1/2					DRLG.
	SINGLES	FT.																
23	D.C.'S	674.32 FT.																
1	SUB C/O	2.90 FT.																
1	SUB C/O	3.40 FT.																
1	~~Shock Sub BIT OR C.B.~~ Sub	9.30 FT.																
		FT.																
	KELLY IN	31.16 FT.																
TOTAL	6730	FT.																

MUD	8 A.M.	10 A.M.	12 NOON	2 P.M.	WATER LOSS	FILTER CAKE	PH
WEIGHT	9.6	9.7	9.7	9.7	6.8	4/32	9.0
VISCOSITY	65	75	80	75			
PUMP PRESSURE							
R.P.M. PUMP NO. 1							
R.P.M. PUMP NO. 2							

PUMP NO. 1 LINER SIZE 5 1/2" PUMP NO. 2 LINER SIZE 5 1/2"

ADDITIVES H2O-LA242" CMC-40#-VIS-50# GEL-2600# BENEX-5 SAX CAUSTIC-100#

GENERAL REMARKS

HALIBURTON LINE - BROKE SPIRCO IN 2 PLACES. DUMPED SETTLING TANK & SHAKER TANK

REMARKS	TIME START	TIME STOP	TIME INTERVAL
DRLG 8 3/4" HOLE	8 00	9 45	1 3/4
CIRC & RUN SURVEY @ 6676 RIG SERV.	9 45	11 00	1 1/4
DRLG. 8 3/4" HOLE.	11 00	12 45	1 3/4
CIRC & RUN SURVEY @ 6708	12 45	2 15	1 1/2
DRLG. 8 3/4" HOLE	2 15	4 00	1 3/4

TOUR NO. 3 4 P.M. TO MIDNIGHT

	HOURS
DRILLER Mitch Boychuk	8
DERRICK Ed Pedo	8
FLOOR R. Harrison	8
FLOOR W Oliver	8
FLOOR D Oman	8
FIREMAN	
MECHANIC	
INJURIES	

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S.	D.C. WEIGHT
6730	69	6799	5 3/4	142M	4-6 3/4" 19-6 1/4"	57M

TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT SURVEYS	DEGREES
	8	10.880	46	10693	2725	FEB 7/73	6789	

NO.	DRILLING STRING		BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDITION
64	STANDS	6068.49	11	8 3/4	1-11 2-12	49511	X1G	25	105	6443	6799	356	29 1/4					
2	SINGLES	FT.																
23	D.C.'S	674.32 FT.																
1	SUB	2.90 FT.																
1	SUB	3.40 FT.																
1	BIT OR C.B.	9.30 FT.																
		FT.																
	KELLY IN	41.00 FT.																
TOTAL	6799.41	FT.																

MUD	4 P.M.	6 P.M.	8 P.M.	10:30 P.M.	WATER LOSS	FILTER CAKE	PH
WEIGHT	9.7	9.7	9.6	9.6	7.0	2/32	10.5
VISCOSITY	91	63	67	100			
PUMP PRESSURE	1400	1400	1400	1400			
R.P.M. PUMP NO. 1	56	56	56	56			
R.P.M. PUMP NO. 2							

PUMP NO. 1 LINER SIZE 5 1/2" PUMP NO. 2 LINER SIZE 5 1/2"

ADDITIVES WATER 2" GEL - 40 SACKS Ben-ex - 8 SACKS Caustic - 50 lbs. C.M.C - 100 lb's.

GENERAL REMARKS

REMARKS	TIME START	TIME STOP	TIME INTERVAL
drill 8 3/4 hole	6 00	10 45	5 3/4
dropped totco & Circ	10 45	11 15	1/2
Pull out of hole Bit #11	11 15	12 00	1
Work 3 STD off Btm Tight			
hole			

DRILL PIPE SIZE	TYPE	TOTAL NO. OF JOINTS	DATE LAST SONOSCOPED	FOOTAGE DRILLED SINCE LAST SONOSCOPED	TOTAL FOOTAGE DRILLED	LAST CALIPER DATE	RESULTS	CODE LETTER OF STRING

B.O.P.'S TESTED ELAPSED TIME PRESSURE RESULTS TOTCO RING ON BIT NO.

TOOLPUSHER L Blanchard

APPROVED BY

REGENT DRILLING LIMITED

DAY WORK RECORD

DATE February 8/73 REPORT NO. 19

WELL NAME Hudson Bay Pinto S Island Pool

DATE February 8/73

RIG NO. 3

LOCATION LSD. M SEC. 52 TWP. ____ RGE. ____

PLEASE SHOW FOOTAGE MADE WHILE "CONTROL DRILLING" AS WELL AS HOURS AND ALSO RECORD CORE CUTTERS, CATCHERS, SWAB RUBBERS, ETC.

PUMPS

MANUFACTURER	TYPE	STROKE LENGTH
NO. 1 Bmace	D-200	16
NO. 2 F/M well	214-P	14

LAST CASING SIZE	LAST CASING SET AT
10 3/4"	912'

EACH EMPLOYEE MUST SIGN THIS BOOK

TOUR NO. 1 MIDNIGHT TO 8 A.M. — HOURS

DRILLER Jim Halabisky	8
DERRICK Richard Remillard	8
FLOOR Harry Rowe	8
FLOOR Roy McKenzie	8
FLOOR	
FIREMAN	
MECHANIC	
INJURIES	

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT SURVEYS	DEGREES
					4-6 3/4" 17-6 1/4"	57,000		8	10,880	46	10693	2725'	Feb 7/73	6440'	2 1/2°

NO.	DRILLING STRING		BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDITION
61	STANDS	5725.73 FT.	#10	8 3/4"	1-11 2-12	49575	X1G	35/45	105	6117'	6443'	326'	13 1/2					1-7-1
	SINGLES	FT.	#11	8 3/4"	1-11 2-12	49511	X1G			6443								
23	D C S	674.32 FT.																
1	SUB	3.40 FT.	MUD	12 MID.	2 A.M.	4 A.M.	6 P.M.	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS							
1	SUB	2.90 FT.	WEIGHT															
1	~~SHOCK BIT OR C B SUB~~	9.30 FT.	VISCOSITY					ADDITIVES Sol - 100#			Wiper out of hole							
		FT.	PUMP PRESSURE					C.M.C. (Low) - 25#			measured out 5927.77							
	KELLY IN	27.35 FT.	R.P.M. PUMP NO.1					Wt. material - 500#			Tally 5725.73							
			R.P.M. PUMP NO.2								Dif 1.63							
TOTAL	6443	FT.	PUMP NO. 1 LINER SIZE	5 1/2"		PUMP NO. 2 LINER SIZE	5 1/2"											

REMARKS	START	STOP	INTERVAL
Circulate to condition mud & hole	12 00	12 30	1/2
Drop survey	12 30	1 00	1/2
Blow kelly & strap out of hole	1 00	1 15	1/4
Work on boiler	1 15	1 45	1/2
Strap out of hole	1 45	5 45	4
Service rig & check wind. sonic	5 45	6 00	1/4
Change bits & run in (#1 Bit #1)	6 00	8 00	2

TOUR NO. 2 8 A.M. TO 4 P.M. — HOURS

DRILLER Gary Christensen	8
DERRICK Leon Vinck	8
FLOOR Wayne Oliver	8
FLOOR Mike Lees	8
FLOOR Tom Bond	8
FIREMAN	
MECHANIC	
INJURIES	

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT SURVEYS	DEGREES
6443	66	6509	6 1/2	136,000	4-6 5/8"	57,000	1	8	10,880	46	10693	2725	Feb 7/73		

NO.	DRILLING STRING		BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDITION
61	STANDS	FT.	#11	8 3/4	1-11 2-12	49511	X1G	20/25	72	6443	6509	66	6 1/2					DRLG.
2	SINGLES	5789.00 FT.																
23	D C 'S	674.32 FT.																
1	SUB C/O	3.40 FT.	MUD	8 A.M.	10 A.M.	12 NOON	2 P.M	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS							
1	SUB C/O	2.90 FT.	WEIGHT	T	9.5	9.1	7.6	7.6	2/32	9.5	Dump & Clean - Shale Shaker							
1	~~SHOCK BIT OR C B~~ SUB	9.30 FT.	VISCOSITY	R	45	84	80	ADDITIVES			Tank.							
		FT.	PUMP PRESSURE	I	1400	1400	1400	CAUSTIC - 50#										
	KELLY IN	30.08 FT.	R.P.M. PUMP NO.1	F	56	56	56											
			R.P.M. PUMP NO.2															
TOTAL	6509	FT.	PUMP NO. 1 LINER SIZE			PUMP NO. 2 LINER SIZE												

REMARKS	START	STOP	INTERVAL
Rig Serv. & Check B.O.P's.	8 00	8 15	1/4
Trip in w/Bit #11	8 15	9 15	1
Break Circ & Clean To Bottom	9 15	9 30	1/4
Drlg. 8 3/4" Hole	9 30	4 00	6 1/2

TOUR NO. 3 4 P.M. TO MIDNIGHT — HOURS

DRILLER Mike Boychuk	8
DERRICK E. Prato	8
FLOOR R. Harrison	8
FLOOR D Oman	8
FLOOR	
FIREMAN	
MECHANIC	
INJURIES	

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT SURVEYS	DEGREES
6509	73	6582	6 1/2	140 M	4-6 3/4 19-6 1/4	57 M		8	10,880	46	10693	2725	FEB 7/73	6456	2 1/2

NO.	DRILLING STRING		BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDITION
62	STANDS	5857.40	11	8 3/4	1-11 2-12	49511	X1G	20/25	72/72	6443	6582	139	15					
1	SINGLES	FT.																
23	D.C.'S	674.32 FT.																
1	SUB	3.40 FT.	MUD	4 P.M.	6 P.M.	8 P.M.	10 P.M.	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS							
1	SUB	2.90 FT.	WEIGHT	9.6	9.8	9.7	9.6	7.2	2/32	10.5	Held Safety Meeting (w crew on ice plugs & outhand safety							
1	BIT OR C.B.	9.30 FT.	VISCOSITY	50	68	59	75	ADDITIVES										
		FT.	PUMP PRESSURE	1400	1400	1400	1400	Gel 20 sks.										
	KELLY IN	41.00 FT.	R.P.M. PUMP NO. 1	56	56	56	56	Benex 4 sks 2 lbs										
			R.P.M. PUMP NO.2					water										
TOTAL	6582.32	FT.	PUMP NO. 1 LINER SIZE	5 1/2		PUMP NO. 2 LINER SIZE	5 1/2											

REMARKS	START	STOP	INTERVAL
Drlg.	4 00	4 30	1/2
Circ & Take Rig Ser	4 30	5 00	1
Drlg	5 30	11 30	6
Circ & T.T.	11 30	12 00	1/2

DRILL PIPE SIZE	TYPE	TOTAL NO. OF JOINTS	DATE LAST SONOSCOPED	FOOTAGE DRILLED SINCE LAST SONOSCOPED	TOTAL FOOTAGE DRILLED	LAST CALIPER DATE	RESULTS	CODE LETTER OF STRING

B.O.P.'S TESTED	ELAPSED TIME	PRESSURE	RESULTS	TOTCO RING ON BIT NO.

TOOLPUSHER L Boychuk

APPROVED BY ____

REGENT DRILLING LIMITED

DAY WORK RECORD

DATE February 7/73 REPORT NO. 18

PLEASE SHOW FOOTAGE MADE WHILE "CONTROL DRILLING" AS WELL AS HOURS AND ALSO RECORD CORE CUTTERS, CATCHERS, SWAB RUBBERS, ETC.

DATE February 7/73 WELL NAME Hudson Bay Lower N Island F-66

RIG NO. 5 LOCATION LSD. M SEC. 52 TWP. ____ RGE. ____

PUMPS

MANUFACTURER	TYPE	STROKE LENGTH
NO. 1 Bruce	D-800	16"
NO. 2 Gardner	8K-3	14"

LAST CASING SIZE	LAST CASING SET AT
10 3/4"	992'

TOUR NO. 1 MIDNIGHT TO 8 A.M.

EACH EMPLOYEE MUST SIGN THIS BOOK	HOURS
DRILLER Jim Hutchison	12
DERRICK Richard Merrill	12
FLOOR Harry Hooks	12
FLOOR Ken McKenzie	12
FLOOR	
FIREMAN	
MECHANIC	
INJURIES	

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT
6117'	33'	6150'	1 1/2	135,000	4-6 3/4" 1-6 1/4"	57,000

TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT	SURVEYS	DEGREES
1	8	10693	46	10693	2725	Feb 7/73			

NO.	DRILLING STRING		BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDITION
58	STANDS	5441.75 FT.	#10	8 3/4	1-12 2-12	49479	X1G	40/45	105	6117'	6150'	33	1 1/2					
	SINGLES	FT.																
23	D.C.'S	674.32 FT.																
1	SUB	3.40 FT.	MUD	12 MID.	2 A.M.	4 A.M.	6 P.M.	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS							
1	SUB	2.90 FT.	WEIGHT				9.0			9.0								
1	SHOCK SUB	9.30 FT.	VISCOSITY				75	ADDITIVES	WATER									
		FT.	PUMP PRESSURE				1400											
	KELLY IN	27.35 FT.	R.P.M. PUMP NO.1				56											
			R.P.M. PUMP NO.2															
TOTAL	6150	FT.	PUMP NO. 1 LINER SIZE	5 1/2			PUMP NO. 2 LINER SIZE	5 1/2										

TOUR NO. 2 8 A.M. TO 4 P.M.

	HOURS
DRILLER	
DERRICK	
FLOOR	
FLOOR	
FIREMAN	
MECHANIC	
INJURIES	

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT
6150'	140	6290		135M	4-6 3/4" 1-6 1/4"	57,000

TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT	SURVEYS	DEGREES
1	8	10693	46	10693	2725	Feb 7/73			

NO.	DRILLING STRING		BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDITION
59	STANDS	5535.94 FT.	#10	8 3/4	1-11 2-12	49479	X1G	40/45	105	6117	6290	173	7 1/4					DRLG.
1	SINGLES	31.56 FT.																
23	D.C.'S	674.32 FT.																
1	SUB	3.40 FT.	MUD	8 A.M.	10 A.M.	12 NOON	2 P.M.	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS							
1	SUB	2.90 FT.	WEIGHT	9.6	9.6	9.6	9.6	7.2	2/32	9.5	Rig inspected by conservation engineers G.E. Blue & B. Wood Satisfactory.. D. Wood							
1	SHOCK SUB	9.30 FT.	VISCOSITY	75	75		60	ADDITIVES										
		FT.	PUMP PRESSURE	1400	1400		1400	GEL 2700#										
	KELLY IN	32.58 FT.	R.P.M. PUMP NO.1	56	56		56	CAUSTIC 150#										
			R.P.M. PUMP NO.2					BENEX 5 SKS.										
TOTAL	6290	FT.	PUMP NO. 1 LINER SIZE	5 1/2			PUMP NO. 2 LINER SIZE	5 1/2										

TOUR NO. 3 4 P.M. TO MIDNIGHT

	HOURS
DRILLER Gary Christensen	12
DERRICK Leon Vinck	12
FLOOR Wayne Oliver	12
FLOOR Mike Lees	12
FLOOR Tom Bond	12
FIREMAN	
MECHANIC	
~~INJURIES~~	

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT
6290	153	6443	6 1/4	135,000	4-6 3/4" 19-6 1/4"	57,000

TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT	SURVEYS	DEGREES
1	8	10693	46	10693	2725	Feb 6 7/73	6361		2°

NO.	DRILLING STRING		BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDITION
61	STANDS	5725.75 FT.	#10	8 3/4	1-11 2-12	49575	X1G	40/45	105	6117	6443	326	13 1/2					
	SINGLES	FT.											13 1/2					
23	D.C.'S	674.32 FT.																
1	SUB C/O	3.40 FT.	MUD	4 P.M.	6 P.M.	8 P.M.	10 P.M.	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS							
1	SUB C/O	2.90 FT.	WEIGHT	9.6	9.6	9.6	9.6	7.4	2/32	9.5	HELD BLOW-OUT DRILL							
1	~~SHOCK SUB~~	9.30 FT.	VISCOSITY	60	65	70	72	ADDITIVES H20			CHECKED H4DRIL - 4½ RAMS & MOTOR SHUT-OFF'S.							
		FT.	PUMP PRESSURE	1400	1400	1400	1400	GEL - 2400#			35000/BIT AFTER SURVEY @ 6361							
	KELLY IN	27.35 FT.	R.P.M. PUMP NO.1	56	56	56	50	CAUSTIC - 50#			HAD SAFTY MEETING ON - BLOWOUT PREVENTION							
			R.P.M. PUMP NO.2					BENEX - 5 SKS.										
TOTAL	6443	FT.	PUMP NO. 1 LINER SIZE	5 1/2			PUMP NO. 2 LINER SIZE	5 1/2			LOW-VIS-CMC - 50#							

DRILL PIPE SIZE	TYPE	TOTAL NO. OF JOINTS	DATE LAST SONOSCOPED	FOOTAGE DRILLED SINCE LAST SONOSCOPED	TOTAL FOOTAGE DRILLED	LAST CALIPER DATE	RESULTS	CODE LETTER OF STRING
4 1/2	XH							

B.O.P.'S TESTED	ELAPSED TIME	PRESSURE	RESULTS	TOTCO RING ON BIT NO.

REMARKS

REMARKS	TIME START	TIME STOP	TIME INT VAL
Finish pulling out of hole	12 00	1 15	1 1/4
Make up bit & bit sub, trip in to shoe	1 15	1 30	1/4
Change out 6 pumps on drill string	1 30	2 15	3/4
Repair drawworks line (cut)	2 15	3 15	1
Rig up wireline, strap	3 15	3 45	1/2
Run in hole @ 4½" drill pipe	3 45	5 45	2
Pick up Kelly, break circulation	5 45		
Clean out to bottom		6 30	3/4
Drilling 8¾" hole	6 30	8 00	1 1/2

REMARKS

REMARKS	TIME START	TIME STOP	TIME INT VAL
Service rig & check 4½" pipe rams	8 00	8 15	1/4
Change blow-out preventers	8 15	9 00	3/4
Drilling 8¾" hole	9 00	11 15	2 1/4
TEAR OUT #1 FLOOR MOTOR	11 15	12 00	3/4
DRLG. 8¾" HOLE	12 00	1 00	1
PULL UP NEW #1 FLOOR MOTOR & INSTALL	1 00	1 30	1/2
DRLG 8¾" HOLE	1 30	4 00	2 1/2

REMARKS

REMARKS	TIME START	TIME STOP	TIME INT VAL
RIG SERV & CONSERVATION CHECK.	4 00	4 30	1/2
DRLG. 8¾" HOLE.	4 30	7 00	2 1/2
CIRC & CLEAN HOLE - TO SURVEY	7 00	7 15	1/4
SURVEY @ 6361	7 15	7 45	1/2
DRLG. 8¾" HOLE	7 45	11 30	3 3/4
CIRC. COND MUD & HOLE	11 30	12 00	1/2

TOOLPUSHER [signature]

APPROVED BY ____

REGENT DRILLING LIMITED

DAY WORK RECORD

DATE February 6/73 REPORT NO. 17

PLEASE SHOW FOOTAGE MADE WHILE "CONTROL DRILLING" AS WELL AS HOURS AND ALSO RECORD CORE CUTTERS, CATCHERS, SWAB RUBBERS, ETC.

DATE February 6/73 WELL NAME Indian Head Canal & Island River

RIG NO. 2 LOCATION LSD. M SEC. 52 TWP. RGE.

PUMPS

	MANUFACTURER	TYPE	STROKE LENGTH
NO. 1	Emsco	D-500	16"
NO. 2	Oilwell	214-P	14"

LAST CASING SIZE	LAST CASING SET AT
10 3/4"	712'

TOUR NO. 1 MIDNIGHT TO 8 A.M.

EACH EMPLOYEE MUST SIGN THIS BOOK	HOURS
DRILLER Jim Klebesky	8
DERRICK Richard Remillard	8
FLOOR Harry Lemire	8
FLOOR Ray McKenzie	8
FLOOR	
FIREMAN	
MECHANIC	
INJURIES	

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT
5827	14	5841	3/4		4 - 6 3/4 14 - 6 1/4	57M

TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT SURVEYS	DEGREES
1	8	10519	46	1005	2771	Jan 28/73	5835	3/4°

NO.	DRILLING STRING		BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDITION
54	STANDS	5035.40 FT.	#8	7 7/8"	2-11 1-12	44337	X16	45/40	100	5604	5835	231	16 1/4					2-9-1
2	SINGLES	FT.	#9	7 7/8	2-11 1-12	49472	X16	45	105	5837	5856	19	3/4					
23	D C S	674.32 FT.																
1	SUB	2.40 FT.	MUD	12 MID.	2 A.M.	4 A.M.	6 P.M.	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS							
1	SUB	2.10 FT.	WEIGHT								Stuck in top tank 6 7/8 - 5"							
1	~~BIT SUB D C S~~ SUB	1.00 FT.	VISCOSITY		46			ADDITIVES										
		FT.	PUMP PRESSURE															
	KELLY IN	41.00 FT.	R.P.M. PUMP NO 1															
		2856.56	R.P.M. PUMP NO 2															
TOTAL		FT.	PUMP NO. 1 LINER SIZE	5 1/2"		PUMP NO. 2 LINER SIZE	5 1/2"											

TIME	START	STOP	INT VAL
REMARKS			
Finish pulling out of hole	12 00	1 15	1 1/4
Service rig & check wind sonde	1 15	1 30	1/4
Work on #2 air compressor	1 30	2 00	1/2
Run in w/ bit #9 (New)	2 00	3 00	1
Repair drum clutch control	3 00	3 30	1/2
Run in w/ bit #9 to 2200 ft. Fill Hole	3 30	4 45	1 1/4
Pick up Kelly & break circulation	4 45		
& wash from 5077 to 5200 ft. in			
Run in to bottom		7 15	2 1/2
Drilling 7/8" hole	7 15	8 00	3/4

TOUR NO. 2 8 A.M. TO 4 P.M.

	HOURS
DRILLER	
DERRICK	
FLOOR Mike Lees	8
FLOOR Traveling with	
FLOOR Hallett	
FIREMAN	
MECHANIC	
INJURIES	

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT
5856	144	6000	6 1/4	131	4 - 6 3/4 15 - 6 1/4	57M

TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT SURVEYS	DEGREES
	8	10519	46	9615	2771	Jan 28/73		

NO.	DRILLING STRING		BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDITION
56	STANDS	5283.04 FT.	#9	8 3/4	2-11 1-12	49472	X16	45	105	5837	6000	163	7					DRLG
1	SINGLES	FT.																
23	D C 'S	674.32 FT.																
1	SUB C/O	3.40 FT.	MUD	8 A.M.	10 A.M.	12 NOON	2 P.M	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS							
1	SUB C/O	2.50 FT.	WEIGHT	9.6	9.5	9.5	9.6			7.0								
1	BIT ~~SHOCK SUB~~ SUB	9.30 FT.	VISCOSITY	53	61	70	75	ADDITIVES										
		FT.	PUMP PRESSURE	1400	1400	1400	1400											
	KELLY IN	27.04 FT.	R.P.M. PUMP NO.1	56	56	56	56											
			R.P.M. PUMP NO.2															
TOTAL	6000	FT.	PUMP NO. 1 LINER SIZE	5 1/2		PUMP NO. 2 LINER SIZE	5 1/2											

TIME	START	STOP	INT VAL
REMARKS			
Service rig & check hydril	8 00	8 15	1/4
Drilling 8 3/4" hole	8 15	1 30	5 1/4
DUMMY TRIP 8 STANDS & SINGLES	1 30		
FOR SCREENING DRILL PIPE.		3 00	1 1/2
DRLG 8 3/4" HOLE	3 00	4 00	1

TOUR NO. 3 4 P.M. TO MIDNIGHT

	HOURS
DRILLER GARY CHRISTENSEN	12
DERRICK LEON VINCK	12
FLOOR WAYNE OLIVER	12
FLOOR BARR SHORTLAND	12
FLOOR TOM BOND	12
FIREMAN	
MECHANIC	
INJURIES	

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT
6000	117	6117	4 1/2	132M	4 - 6 3/4 19 - 6 1/4	57M

TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT SURVEYS	DEGREES
	8	10519	46	9615	2771	Jan 28/73	6077	1°

NO.	DRILLING STRING		BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDITION
57	STANDS	FT.	#9	8 3/4	2-11 1-12	49472	X16	45	105	5837	6117	280	11 1/2					
2	SINGLES	540.39 FT.																
23	D.C.'S	674.32 FT.																
1	SUB C/O	3.40 FT.	MUD	4 P.M.	6 P.M.	8 P.M.	10 P.M.	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS							
1	SUB C/O	2.90 FT.	WEIGHT	9.6	9.6	9.7	T	6.8	2/32	9.5								
1	BIT ~~SHOCK SUB~~ SUB	9.30 FT.	VISCOSITY	75	80	70	R	ADDITIVES CMC-HI-VIS 25#										
		FT.	PUMP PRESSURE	1400	1400	1400	I	GEL - 3000#										
	KELLY IN	17.69 FT.	R.P.M. PUMP NO. 1	56	56	56	P	BENEX - 6 SAX										
			R.P.M. PUMP NO. 2					CMC-REG - 50#										
TOTAL	6117	FT.	PUMP NO. 1 LINER SIZE	5 1/2		PUMP NO. 2 LINER SIZE		CAUSTIC - 15#										

TIME	START	STOP	INT VAL
REMARKS			
DRLG 8 3/4" HOLE	[illegible]	[illegible]	1/4
CIRC & CLEAN HOLE - FOR SURVEY	[illegible]	7 30	1/2
SURVEY @ 6077 RIG SERV.	7 00	7 30	1/2
DRLG 8 3/4" HOLE	7 30	9 15	1 3/4
CIRC COND. MUD & HOLE.	9 15	10 00	3/4
BLOW KELLY & TRIP OUT	10 00	12 00	2

DRILL PIPE SIZE	TYPE	TOTAL NO. OF JOINTS	DATE LAST SONOSCOPED	FOOTAGE DRILLED SINCE LAST SONOSCOPED	TOTAL FOOTAGE DRILLED	LAST CALIPER DATE	RESULTS	CODE LETTER OF STRING

B.O.P.'S TESTED	ELAPSED TIME	PRESSURE	RESULTS	TOTCO RING ON BIT NO.

TOOLPUSHER [illegible]

APPROVED BY

REGENT DRILLING LIMITED

DAY WORK RECORD

DATE FEB 5, 73 REPORT NO. 16

PLEASE SHOW FOOTAGE MADE WHILE "CONTROL DRILLING" AS WELL AS HOURS AND ALSO RECORD CORE CUTTERS, CATCHERS, SWAB RUBBERS, ETC.

PUMPS

MANUFACTURER	TYPE	STROKE LENGTH
NO. Emsco	D500	16
NO. Oilwell	214-P	14

DATE FEB 5, 73 WELL NAME Hudson Bay Amoco M-52

RIG NO. 3 LOCATION LSD. M SEC. 52 TWP. ____ RGE. ____

LAST CASING SIZE 10 3/4 LAST CASING SET AT 912

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT SURVEYS	DEGREES
5666	14	5680	3/4	129	4 6 9 19 4	57M		1	10360	46	9615	2771	Jan 25/73		

NO.	DRILLING STRING		BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDITION
53	STANDS	4968.67 FT.	8	8 3/4	2-11 1-12	149537	X1G	45	105	5600	5680	80	5 1/4					
	SINGLES	FT.																
23	D.C.'S	674.32 FT.																
1	SUB	3.40 FT.																
1	SUB	2.90 FT.																
1	BIT OR C.B	9.30 FT.																
		FT.																
	KELLY IN	21.41 FT.																
TOTAL		5680 FT.																

MUD	12 MID.	2 A.M.	4 A.M.	6 P.M.	WATER LOSS	FILTER CAKE	PH
WEIGHT							
VISCOSITY					ADDITIVES		
PUMP PRESSURE							
R.P.M. PUMP NO. 1							
R.P.M. PUMP NO. 2							

PUMP NO. 1 LINER SIZE 5 1/2 PUMP NO. 2 LINER SIZE 5 1/2

GENERAL REMARKS

REMARKS	TIME START	TIME STOP	TIME INT VAL
Pull out of hole To Find washed out Drill collar 7 collars	12:00		
From Btm.		3:30	3 1/2
Work on Pump	3:30	4:00	1/2
Rig up Lay down Collar Collar washed			
Run in hole	4:00	6:45	2 3/4
Clean To Btm 30 ft	6:45	7:15	1/2
Drill	7:15		

TOUR NO. 1 MIDNIGHT TO 8 A.M. — HOURS

DRILLER Mitch Boychuk 8
DERRICK Ed Perfo 8
FLOOR R Harrison 8
FLOOR D Oman 8
FLOOR T Bond ~~8~~
FIREMAN B Sheerland 3
MECHANIC
INJURIES

TOUR NO. 2 8 A.M. TO 4 P.M. — HOURS

DRILLER Jim Holubitsky 8
DERRICK Richard Rowland 8
FLOOR Harry Finn 8
FLOOR Ray McKenzie 8
FLOOR
FIREMAN
MECHANIC
INJURIES

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT SURVEYS	DEGREES
5650	10	5750	6 3/4	130,000	4 - 6 3/4 2 - 6 1/4	57.00		1	10360	46	11.12	2771	Jan 24/73	26 1/2°	7/8°

NO.	DRILLING STRING		BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDITION
54	STANDS	5622.13 FT.	2	8 3/4	2-11 1-12	49537	X1G	45/50	100	5600	5730	130	12					
	SINGLES	FT.																
23	D.C.'S	674.32 FT.																
1	SUB	3.40 FT.																
1	~~STABILIZER~~ SUB	2.40 FT.																
1		7.30 FT.																
		FT.																
	KELLY IN	28.00 FT.																
TOTAL		5750 FT.																

MUD	8 A.M.	10 A.M.	12 NOON	2 P.M.	WATER LOSS	FILTER CAKE	PH
WEIGHT	9.6	9.6	9.5	9.5			
VISCOSITY	70	70	60	60	ADDITIVES		
PUMP PRESSURE	1400	1400	1450	1400	Water		
R.P.M. PUMP NO. 1	56	56	56	56	Gel - 100#		
R.P.M. PUMP NO. 2	[illegible]				Caustic - 100#		
PUMP NO. 1 LINER SIZE 5 1/2		PUMP NO. 2 LINER SIZE 5 1/2			Soda Ash - 4#		

GENERAL REMARKS

REMARKS	TIME START	TIME STOP	TIME INT VAL
Drilling 8 3/4" hole	8:00	9:15	1 1/4
Service rig & check Kelly rack	9:15	9:30	1/4
Drilling 8 3/4" hole	9:30	11:15	1 3/4
Run Survey @ 5730' 1/4°	11:15		
" rack out mud manifold		12:15	1
Drilling 8 3/4" hole	12:15	4:00	3 3/4

TOUR NO. 3 4 P.M. TO MIDNIGHT — HOURS

DRILLER Gary Christensen 8
DERRICK Leon Vinck 8
FLOOR Wayne Oliver 8
FLOOR Barry Shortland 8
FLOOR Tom Bond 8
FIREMAN
MECHANIC
INJURIES

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT SURVEYS	DEGREES
5780	57	5837	4 1/4	130,000	4 - 6 3/4 19 - 6 1/4	57 M		8	10360	46	9615	2771	Jan 23/73		

NO.	DRILLING STRING		BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDITION
54	STANDS	FT.	8	8 3/4	2-11 1-12	49537	X1G	45/50	100	5600	5837	237	16 1/4					
2	SINGLES	51.25.43 FT.																
23	D.C.'S	674.32 FT.																
1	SUB c/o	3.40 FT.																
1	SUB c/o	2.40 FT.																
1	~~STABILIZER~~ SUB	9.30 FT.																
		FT.																
	KELLY IN	22.50 FT.																
TOTAL		58 FT.																

MUD	4 P.M.	6 P.M.	8 P.M.	10 P.M.	WATER LOSS	FILTER CAKE	PH
WEIGHT	9.5	9.6	9.6				9.5
VISCOSITY	55	55	56		ADDITIVES		
PUMP PRESSURE							
R.P.M. PUMP NO. 1							
R.P.M. PUMP NO. 2							
PUMP NO. 1 LINER SIZE		PUMP NO. 2 LINER SIZE					

ADDITIVES: Gel - 3000# Benex - 6 SAX Caustic - 150# CMC-HI-Vis - 25#

GENERAL REMARKS: Change Shaker Screen 40/40 " Bushing Rollers. Pump & Clean Shaker Tank.

REMARKS	TIME START	TIME STOP	TIME INT VAL
DRLG 8 3/4" HOLE.	4:00	5:00	1
RIG SERV & CHECK BOP'S (REPLACED BUSHING ROLLERS)	5:00	5:15	1/4
DRLG 8 3/4" HOLE.	5:15	8:30	3 1/4
CIRC. COND. MUD & HOLE.	8:30	9:15	3/4
TRIP OUT - AFTER BLOWING KELLY & DROP TOTCO	9:15	10:45	1 1/2
BREAK CIRC.	10:45	11:00	1/4
TRIP OUT. - AFTER BLOWING KELLY	11:00	12:00	1

DRILL PIPE SIZE	TYPE	TOTAL NO. OF JOINTS	DATE LAST SONOSCOPED	FOOTAGE DRILLED SINCE LAST SONOSCOPED	TOTAL FOOTAGE DRILLED	LAST CALIPER DATE	RESULTS	CODE LETTER OF STRING

B.O.P.'S TESTED	ELAPSED TIME	PRESSURE	RESULTS	TOTCO RING ON BIT NO.

TOOLPUSHER B Maurice

APPROVED BY ____

REGENT DRILLING LIMITED

DAY WORK RECORD

DATE FEB 4,73 REPORT NO. 15

PLEASE SHOW FOOTAGE MADE WHILE "CONTROL DRILLING" AS WELL AS HOURS AND ALSO RECORD CORE CUTTERS. CATCHERS. SWAB RUBBERS. ETC.

DATE FEB 4,73 WELL NAME Hobbs Bay AMOCO M-52

RIG NO. 5 LOCATION LSD M SEC. 52 TWP. ____ RGE. ____

PUMPS

MANUFACTURER	TYPE	STROKE LENGTH
NO. 1 Emsco	D500	16
NO. 2 Oilwell	214-P	14

LAST CASING SIZE: 10 3/4 — LAST CASING SET AT: 912

EACH EMPLOYEE MUST SIGN THIS BOOK

TOUR NO. 1 MIDNIGHT TO 8 A.M.	HOURS
DRILLER M. Tech Bolchuk	8
DERRICK ED PRATO	8
FLOOR R HARRISON	12
FLOOR D. OMAN	8
FLOOR	
FIREMAN	
MECHANIC	
INJURIES Hot working on Propane (STOVE for Regent Camp. Ltd.	

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT SURVEYS	DEGREES
5571	29 32	5600	5	128 M	20-6 1/4	58 M		8	10070	46	9615	2771	Jan 28	MISRUN	

NO.	DRILLING STRING		BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDITION
51	STANDS	4842.23 FT. 4810.69	7	8 3/4	2-11 1-12	48662	X3A	45	105	5416	5600	184	15 3/4					
2	SINGLES	FT.																
24	D.C.'S	704.66 FT.																
1	SUB	3.40 FT.	MUD	12 MID.	2 A.M.	4 A.M.	6 P.M.	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS							
1	SUB	2.90 FT.	WEIGHT	9.4	9.5	9.5					HELD MEETING @ CREW							
1	BIT OR C.B	9.30 FT.	VISCOSITY	73	80	80		ADDITIVES			ON BOP & AIR INTAKE MANIFOLD							
		FT.	PUMP PRESSURE	1400	1400	1400					SHUT OFF. ALSO ON OXYGEN							
	KELLY IN	37.51 FT.	R.P.M. PUMP NO. 1	56	56	56					[redacted] Equipment, MASK and							
			R.P.M. PUMP NO. 2								Refill Tanks etc.							

TOTAL 3600 - 29 FT. PUMP NO. 1 LINER SIZE 5 1/2 PUMP NO. 2 LINER SIZE 5 1/2

TOUR NO. 2 8 A.M. TO 4 P.M.	HOURS
DRILLER Jim Hollaway	12
DERRICK Richard Kemillard	8
FLOOR Harry Daniel	12
FLOOR Ray McGeorge	4
FLOOR Herbert Simmons	4
FIREMAN	
MECHANIC	
INJURIES	

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT SURVEYS	DEGREES
5600	—	5600	—	125	4-6 3/4 2-6 1/4	55 M									

NO.	DRILLING STRING		BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDITION
51	STANDS	4842.23 FT.	8	8 3/4	2-11 1-12	49537	X1G			5600								
2	SINGLES	FT.																
24	D.C.'S	704.66 FT.																
1	SUB	3.40 FT.	MUD	8 A.M.	10 A.M.	12 NOON	2 P.M.	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS							
1	SUB	2.90 FT.	WEIGHT															
1	BIT OR C.B. Sub	9.30 FT.	VISCOSITY					ADDITIVES										
		FT.	PUMP PRESSURE															
	KELLY IN	37.51 FT.	R.P.M. PUMP NO.1															
			R.P.M. PUMP NO.2															

TOTAL 3600 + 47 FT. PUMP NO. 1 LINER SIZE 5 1/2 PUMP NO. 2 LINER SIZE 5 1/2

TOUR NO. 3 4 P.M. TO MIDNIGHT	HOURS
DRILLER GARY CHRISTENSEN	8
DERRICK LEON VINCK	8
FLOOR WAYNE OLIVER	8
FLOOR BARRY SHORTLAND	8
FLOOR TOM BOND	12
FIREMAN	
MECHANIC	
INJURIES	

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT SURVEYS	DEGREES
5600	66	5666	4 1/2	129 M	4-6 3/4 2-6 1/4	58 M			10214	46	9615	2771	Jan 28		

NO.	DRILLING STRING		BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDITION
52	STANDS	FT.	#8	8 3/4	2-11 1-12	49537	X1G	40/45	100	5600	5666	66	4 1/2					—
1	SINGLES	4905.39 FT.																
24	D.C.'S	704.66																
1	SUB C/O	3.40	MUD	4 P.M.	6 P.M.	8 P.M.	10 P.M.	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS							
1	SUB C/O	2.90	WEIGHT	9.5	9.6	9.6												
1	SHOCK BIT OR C.B. SUB	9.30	VISCOSITY	100	95	60		ADDITIVES										
		FT.	PUMP PRESSURE	1400	1400	Loss IN		GEL - 500#										
	KELLY IN	40.35 FT.	R.P.M. PUMP NO.1	36	56	PRESSURE		BENEX - 2#										
			R.P.M. PUMP NO.2					CAUSTIC - 50#										
								HI VISC MC - 25#										

TOTAL 5666.00 FT. PUMP NO. 1 LINER SIZE 5 1/2 PUMP NO. 2 LINER SIZE 5 1/2

BLOW KELLY —

DRILL PIPE SIZE	TYPE	TOTAL NO. OF JOINTS	DATE LAST SONOSCOPED	FOOTAGE DRILLED SINCE LAST SONOSCOPED	TOTAL FOOTAGE DRILLED	LAST CALIPER DATE	RESULTS	CODE LETTER OF STRING
4 1/2	XH							

B.O.P.'S TESTED | ELAPSED TIME | PRESSURE | RESULTS | TOTCO RING ON BIT NO.

REMARKS	TIME START	TIME STOP	TIME INT VAL
Drill 8 3/4 hole	12 00	5 00	5
Dropped Totco & Circ	5 00	5 30	1/2
Pull out of hole Bit #7	5 30	8 00	2 1/2

REMARKS	TIME START	TIME STOP	TIME INT VAL
Service rig & check Hoist wire	8 00	8 15	1/4
Take 4" L off mud manifold jack D.S.	8 15		
away table back, change Kelly Bush		10 00	1 3/4
Run in drill collars	10 00	10 45	3/4
Take up Kelly & work on	10 45		
Kelly packings		12 00	1 1/4
Run in drill pipe (slow)	12 00	1 45	1 3/4
Pick up Kelly, Break circulation	1 45		
Run in from 5221 to 5430			
wash & clean 25' To Btm		4 00	P 1/4

REMARKS	TIME START	TIME STOP	TIME INT VAL
RIG SERV & CHECK B.O.P.'s	4 00	4 15	1/4
DRLG 8 3/4" HOLE	4 15	4 45	1/2
REPLACE "ROTARY CHAIN"	4 45	5 00	1/4
DRLG. 8 3/4" HOLE.	5 00	6 45	1 3/4
W.O. Pump	6 45	7 00	1/4
DRLG 8 3/4" HOLE.	7 00	8 00	1
POP VALVE - WASHED (CHANGED)	8 00	8 30	1/2
DRLG 8 3/4" HOLE.	8 30	9 30	1
W. O. PUMP. LOSS OF PRESSURE	9 30	10 15	3/4
DRLG. 8 3/4" HOLE	10 15	10 30	1/4
CIRC. COND. HOLE & MUD.	10 30	11 00	1/2
TRIP FOR WASHOUT DRILLSTRING	11 00	12 00	1

TOOLPUSHER [signature]

APPROVED BY ____

REGENT DRILLING LIMITED

DAY WORK RECORD

DATE Feb 3, 73 REPORT NO. 14

WELL NAME Hudson Bay Amoco M-52

DATE Feb 3, 73.

RIG NO. 8

LOCATION LSD. M SEC. 52 TWP. ____ RGE. ____

PLEASE SHOW FOOTAGE MADE WHILE "CONTROL DRILLING" AS WELL AS HOURS AND ALSO RECORD CORE CUTTERS, CATCHERS, SWAB RUBBERS, ETC.

PUMPS

	MANUFACTURER	TYPE	STROKE LENGTH
NO. 1	Emsco Oilwell	D500	16
NO. 2	Oilwell	214-T	14

LAST CASING SIZE	LAST CASING SET AT
10 3/4	912

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT SURVEYS	DEGREES
5360	56	5416	2	128	4 - 6 1/4 20 - 6 1/4	58 M								5415	1/8

EACH EMPLOYEE MUST SIGN THIS BOOK	
TOUR NO. 1 MIDNIGHT TO 8 A.M.	HOURS
DRILLER Mitch Boychuk	8
DERRICK ED PRATO	8
FLOOR R HARRISON	8
FLOOR D. OMAN	8
FLOOR W OLIVER	6
FIREMAN	
MECHANIC	
INJURIES	

NO.	DRILLING STRING		BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDITION
49	STANDS	4656.62 FT.	6	8 3/4	2-11 1-12	49455	X19	50	105	4928	5416	488	19 3/4					LOCKED UP
2	SINGLES	FT.	7	8 3/4	2-11 1-12	48662	X3A											
24	D.C.'S	704.66 FT.																
1	SUB	3.40 FT.	MUD	12 MID.	2 A.M.	4 A.M.	6 P.M.	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS							
1	SUB	2.90 FT.	WEIGHT	9.5	9.3													
1	BIT OR C.B.	9.30 FT.	VISCOSITY	51	53			ADDITIVES										
		FT.	PUMP PRESSURE	1400	1400													
	KELLY IN	39.12 FT.	R.P.M. PUMP NO.1	56	56													
			R.P.M. PUMP NO.2															
TOTAL	5416.00 FT.		PUMP NO. 1 LINER SIZE		PUMP NO. 2 LINER SIZE													

REMARKS	START	STOP	INTERVAL
Drill 8 3/4 hole	12 00	2 00	2
Dropped To Toco	2 00	2 30	1/2
Pull out of hole #6 Bit	2 30	5 30	3
work tight hole	5 30		
Run in hole w Bit #7	5 30	8 00	2 1/2
Ream & clean To Bottom			

TOUR NO. 2 8 A.M. TO 4 P.M.	HOURS
DRILLER Jim Hobbisky	8
DERRICK Richard Remillard	12
FLOOR Harry Davies	8
FLOOR Ray McKenzie	8
FLOOR Norbert Rimouski	8
FIREMAN	
MECHANIC	
INJURIES	

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT SURVEYS	DEGREES
5416	80	5496	4	128,000	4 - 6 3/4 20 - 6 1/2	58,000		3	10070.46	96 1/2	2771	Jan 23/73			

NO.	DRILLING STRING		BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDITION
50	STANDS	4749.08 FT.	7	8 3/4	2-11 1-12	48662	X3A	40-45	105	5416	5496	80	4					Running
2	SINGLES	FT.																
24	D.C.'S	704.66 FT.																
1	SUB	3.40 FT.	MUD	8 A.M.	10 A.M.	12 NOON	2 P.M.	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS							
1	SUB	2.90 FT.	WEIGHT			9.4	9.4			9.5								
1	~~BIT OR C.B.~~ SHOCK SUB	9.30 FT.	VISCOSITY			60	65	ADDITIVES										
		FT.	PUMP PRESSURE			1400	1400	Gel - 2500 #										
	KELLY IN	27.00 FT.	R.P.M. PUMP NO.1			56	56	Soda Ash - 10 #										
			R.P.M. PUMP NO.2			On guns + mixer		C.M.C. - 50 #										
TOTAL	5496.34 FT.		PUMP NO. 1 LINER SIZE	5 1/2"		PUMP NO. 2 LINER SIZE	5 1/2"	Caustic - 5 #										

REMARKS	START	STOP	INTERVAL
Ream & clean from 4930' to 5416' (Bottom) 196'	3 00	11 45	3 3/4
Drilling 8 3/4 hole	11 45	1 45	2
Repair pop valve on #1 pump	1 45	2 00	1/4
Service rig + check B.O.P.			
Drilling 8 3/4" hole	2 00	4 00	2

TOUR NO. 3 4 P.M. TO MIDNIGHT	HOURS
DRILLER Gary Christensen	8
DERRICK ED PRATO	4
FLOOR Wayne Oliver	8
FLOOR Barry Shortland	8
FLOOR Tom Bond	8
FIREMAN	
MECHANIC	
INJURIES	

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT SURVEYS	DEGREES
5496	75	5571	6 3/4	128,000	4 - 6 1/4 20 - 6 1/4	58 M	4	8	10070	46'	9615	2771	Jan 23/73		

NO.	DRILLING STRING		BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDITION
51	STANDS	FT.	7	8 3/4	2-11 1-12	48662	X3A	40-45	105	5416	5571	155	10 3/4			4866		DRLG
1	SINGLES	48 10.69 FT.																
24	D.C.'S	704.66 FT.																
1	SUB C/O	3.40 FT.	MUD	4 P.M.	6 P.M.	8 P.M.	10 P.M.	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS							
1	SUB C/O	2.90 FT.	WEIGHT	9.4	9.4	9.4	9.4			9.5								
1	~~SHOCK SUB~~ BIT OR C.B.	9.30 FT.	VISCOSITY	65	65	72	73	ADDITIVES										
		FT.	PUMP PRESSURE	1400	1400	1400	1400	Gel - 2500										
	KELLY IN	40.05 FT.	R.P.M. PUMP NO.1	56	56	56	56	Soda Ash - 10 #										
			R.P.M. PUMP NO.2	On guns + mixer														
TOTAL	5571 FT.		PUMP NO. 1 LINER SIZE	5 1/2"		PUMP NO. 2 LINER SIZE	5 1/2"											

REMARKS	START	STOP	INTERVAL
DRLG 8 3/4" HOLE.	4 00	4 45	3/4
RIG SERV. & CHECK B.O.P'S	4 45	5 00	1/4
DRLG 8 3/4" HOLE	5 00	6 00	1
PUMP MANIFOLD, WASHED ON	6 00		
GOOSENECK (WELDING REQUIRED)		7 00	1
DRLG 8 3/4" HOLE.	7 00	12 00	5

DRILL PIPE SIZE	TYPE	TOTAL NO. OF JOINTS	DATE LAST SONOSCOPED	FOOTAGE DRILLED SINCE LAST SONOSCOPED	TOTAL FOOTAGE DRILLED	LAST CALIPER DATE	RESULTS	CODE LETTER OF STRING
4 1/2	X H							

B.O.P.'S TESTED	ELAPSED TIME	PRESSURE	RESULTS	TOTCO RING ON BIT NO.

TOOLPUSHER B. Magnuson

APPROVED BY ____

REGENT DRILLING LIMITED

DAY WORK RECORD

DATE FEB 2,72 REPORT NO. 13

WELL NAME Hudson Bay Amoco M-52 DATE FEB 2,72

LOCATION LSD. M SEC. 52 TWP. ____ RGE. ____

RIG NO. 5

PLEASE SHOW FOOTAGE MADE WHILE "CONTROL DRILLING" AS WELL AS HOURS AND ALSO RECORD CORE CUTTERS, CATCHERS, SWAB RUBBERS, ETC.

PUMPS

	MANUFACTURER	TYPE	STROKE LENGTH
NO. 1	Emsco	D500	16
NO. 2	Oilwell	A-1400-P	14

LAST CASING SIZE	LAST CASING SET AT
10 3/4	912

TOUR NO. 1 MIDNIGHT TO 8 A.M. — EACH EMPLOYEE MUST SIGN THIS BOOK

	HOURS
DRILLER Mitch Baychuk	8
DERRICK Ed Prato	8
FLOOR R Harrison	8
FLOOR Di Oman	8
FLOOR W. Oliver	8
FIREMAN	
MECHANIC	
INJURIES	

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT
4928	111	5039	3 1/2	125M	20-6 1/4	58M

TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT SURVEYS	DEGREES
							4928	8

NO.	DRILLING STRING		BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDITION
45	STANDS	4277.31 FT.	6	8 3/4	2-11 1-12	49455	X18	35	105	4928	5039	111	3 1/2					
2	SINGLES	FT.																
24	D.C.'S	704.66 FT.																
1	SUB	3.40 FT.	MUD	12 MID.	2 A.M.	4 A.M.	6 P.M.	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS							
1	SUB	2.90 FT.	WEIGHT				9.5				No AIR supply For DEPWERK							
1	BIT OR C.B.	9.30 FT.	VISCOSITY				49	ADDITIVES			NEED AIR COMP NOW							
		FT.	PUMP PRESSURE				1400	Gel. 15 sks			Top Fuel Tank 6.6"							
	KELLY IN	41.00 FT.	R.P.M. PUMP NO.1		Kelly		56											
			R.P.M. PUMP NO.2															
TOTAL	5039.57 FT.		PUMP NO. 1 LINER SIZE 5 1/2			PUMP NO. 2 LINER SIZE 5 1/2												

TIME	START	STOP	INT. VAL
REMARKS			
Pull out of hole	12 00	1 45	1 3/4
Check BLIND RAMS & Rig SER	1 45	2 00	1/4
Run in hole @ Bit #6	2 00	4 00	2
Clean To Btm 110 FEET FILL	4 00	4 30	1/2
Drill	4 30	8 00	3 1/2

TOUR NO. 2 8 A.M. TO 4 P.M.

	HOURS
DRILLER Gene Holubitsky	8
DERRICK Richard Remillard	12
FLOOR Harry Rossier	8
FLOOR Ray McKenzie	8
FLOOR Norbert Ramsauer	8
FIREMAN	
MECHANIC	
INJURIES	

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT
5039	161	5200	6 3/4	126,000	4-6 3/4 20-6 1/4	58,000

TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT SURVEYS	DEGREES
	8							

NO.	DRILLING STRING		BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDITION
47	STANDS	4467.21 FT.	6	8 3/4	2-11 1-12	49455	X16	45-55	105	4928	5200	272	10 1/4					
2	SINGLES	FT.																
24	D.C.'S	704.66 FT.																
1	SUB	3.40 FT.	MUD	8 A.M.	10 A.M.	12 NOON	2 P.M	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS							
1	SUB	2.90 FT.	WEIGHT	9.5	9.5	9.4	9.4			9.5								
1	~~Shock~~ SUB	9.30 FT.	VISCOSITY	51	51	51	50	ADDITIVES	Water									
		FT.	PUMP PRESSURE	1400	1400	1400	1400	Gel - 50 x 100 #										
	KELLY IN	13.00 FT.	R.P.M. PUMP NO.1	56.2	56.	56	56	Caustic - 100 #										
			R.P.M. PUMP NO.2	On guns & mixer				Barmar - 10 x 2 #										
TOTAL	5200.47 FT.		PUMP NO. 1 LINER SIZE 5 1/2"			PUMP NO. 2 LINER SIZE 5 1/2"												

TIME	START	STOP	INT. VAL
REMARKS			
Drilling 8 3/4" hole	8 00	9 00	1
Service rig & check B.O.P.s	9 00	9 15	1/4
Drilling 8 3/4" hole	9 15	3 45	5 1/2
Repair air leaks & rotary chain	3 45	3 45	1
Drilling 8 3/4" hole	3 45	4 00	1/4

TOUR NO. 3 4 P.M. TO MIDNIGHT

	HOURS
DRILLER Gary Christensen	8
DERRICK Ed Prato	4
FLOOR Wayne Oliver	8
FLOOR Barry Shortland	8
FLOOR Tom Bond	8
FIREMAN	
MECHANIC	
INJURIES	

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT
5200	160	5360	7 1/2	126M	4-6 3/4 20-6 1/4	58,000

TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT SURVEYS	DEGREES
	8							

NO.	DRILLING STRING		BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDITION
49	STANDS	FT.	6	8 3/4	2-11 1-10	49455	X16	50	105	4928	5360	432	17 3/4					DRLG
1	SINGLES	4624.91 FT.																
24	D.C.'S	704.66 FT.																
1	SUB	3.40 FT.	MUD	4 P.M.	6 P.M.	8 P.M.	10 P.M.	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS							
1	SUB	2.90 FT.	WEIGHT	9.4	9.4	9.4	9.3											
1	~~Shock~~ BIT OR C.B. SUB.	9.30 FT.	VISCOSITY	50	50	55	48	ADDITIVES										
		FT.	PUMP PRESSURE	1400	1400	1400	1400	Gel - 25 sks.										
	KELLY IN	14.83 FT.	R.P.M. PUMP NO.1	56	56	56	56	Ben-Ex - 5 sks.										
			R.P.M. PUMP NO.2	On guns & mixers														
TOTAL	5360 FT.		PUMP NO. 1 LINER SIZE 5 1/2			PUMP NO. 2 LINER SIZE 5 1/2												

TIME	START	STOP	INT. VAL
REMARKS			
DRLG 8 3/4" HOLE	4 00	4 45	3/4
RIG SERV & REPAIR AIR LEAK & CHECK	4 45	5 15	1/2
B.O.P'S			
DRLG. 8 3/4" HOLE.	5 15	12 00	6 3/4

DRILL PIPE SIZE	TYPE	TOTAL NO. OF JOINTS	DATE LAST SONOSCOPED	FOOTAGE DRILLED SINCE LAST SONOSCOPED	TOTAL FOOTAGE DRILLED	LAST CALIPER DATE	RESULTS	CODE LETTER OF STRING

B.O.P.'S TESTED	ELAPSED TIME	PRESSURE	RESULTS	TOTCO RING ON BIT NO.

TOOLPUSHER R Wagman

APPROVED BY ____

REGENT DRILLING LIMITED

DAY WORK RECORD

DATE Feb 1, 73 REPORT NO. 12

PLEASE SHOW FOOTAGE MADE WHILE "CONTROL DRILLING" AS WELL AS HOURS AND ALSO RECORD CORE CUTTERS. CATCHERS. SWAB RUBBERS. ETC.

DATE Feb 1, 73 WELL NAME Hudson Bay Bay Amaco M-52

RIG NO. 3 LOCATION LSD. M SEC. 52 TWP. ____ RGE. ____

PUMPS

	MANUFACTURER	TYPE	STROKE LENGTH
NO. 1	Emsco	D500	16
NO. 2	Gilwell	214-P	14

LAST CASING SIZE 20 3/4 — LAST CASING SET AT 912

EACH EMPLOYEE MUST SIGN THIS BOOK

TOUR NO. 1 MIDNIGHT TO 8 A.M.

	HOURS
DRILLER Mitch Baychuk	8
DERRICK Ed Prato	8
FLOOR Reg Harrison	8
FLOOR D. Oman	8
FLOOR W. Oliver	8
FIREMAN	
MECHANIC	
INJURIES	

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT SURVEYS	DEGREES
4600	133	4733	7 3/4	120 M	20-6 4 1	58 M									

NO.	DRILLING STRING		BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDITION
142	STANDS	3995.51 FT.	5	8 3/4	2-11 1-12	49578	X19	48	105	4446	4733	287	16 1/4					
2	SINGLES	FT.																
24	D C S	704.66 FT.																
1	SUB	3.40 FT.	MUD	12 MID.	2 A.M.	4 A.M.	6 P.M.	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS							
1	SUB	2.80 FT.	WEIGHT	9.4	9.5	9.4	9.4			9.5	Top Fuel Tank 1AM 4"							
1	BIT OR S.B. Shock	9.30 FT.	VISCOSITY	47	53	45	45	ADDITIVES WATER										
		FT.	PUMP PRESSURE	1400	1400	1400	1400	GEL 40 sks										
	KELLY IN	17.23 FT.	R.P.M. PUMP NO.1	56	56	56	56	BENEX 7 sks 2 lb										
			R.P.M. PUMP NO.2															
TOTAL	4733 00 FT.		PUMP NO. 1 LINER SIZE 5 1/2"			PUMP NO. 2 LINER SIZE 5 1/2"												

REMARKS	START	STOP	INT VAL
DRILL	12 00	3 45	3 3/4
RIG SER	3 45	4 00	1/4
DRILL	4 00	8 00	4

TOUR NO. 2 8 A.M. TO 4 P.M.

	HOURS
DRILLER Jim Halatchuk	8
DERRICK Richard Remillard	12
FLOOR Danny Dawson	8
FLOOR Ray McKenzie	8
FLOOR Norbert Lamoureux	8
FIREMAN	
MECHANIC	
INJURIES	

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D C WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT SURVEYS	DEGREES
4733	92	4825	7 1/2	122 000	4-6 3/4 20-6 1/4	58,000		8							

NO.	DRILLING STRING		BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDITION
43	STANDS	4032.63 FT.	5	8 3/4"	2-11 1-12	49578	X19	45/55	105	4446	4825	379	23 3/4					
2	SINGLES	FT.																
24	D C'S	709.66 FT.																
1	SUB	3.40 FT.	MUD	8 A.M.	10 A.M.	12 NOON	2 P.M.	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS							
1	SUB	2.90 FT.	WEIGHT	9.6	9.6	9.5	9.4			9.5	Held "Blowout" drill -							
1	~~BIT OR S.B.~~ Sub	9.30 FT.	VISCOSITY	40	43	48	48	ADDITIVES water										
		FT.	PUMP PRESSURE	1400	1400	1400	1400	Sal - 45 X 120#										
	KELLY IN	17.00 FT.	R.P.M. PUMP NO.1	56	56	56	56	Benex - 9 x 2#										
			R.P.M. PUMP NO.2	On ground mixer														
TOTAL	4825.89 FT.		PUMP NO. 1 LINER SIZE 5 1/2"			PUMP NO. 2 LINER SIZE 5 1/2"												

REMARKS	START	STOP	INT VAL
Drilling 8 3/4" hole	8 00	9 45	1 3/4
Service Rig + Check 4 1/2" rams	9 45	10 00	1/4
Worksafe, air hoses gauges	10 00	10 15	1/4
Drilling 8 3/4" hole	10 15	4 00	5 3/4

TOUR NO. 3 4 P.M. TO MIDNIGHT

	HOURS
DRILLER Gary Christensen	8
DERRICK Ed Prato	4
FLOOR Wayne Oliver	8
FLOOR Barry Shortland	8
FLOOR Tom Bond	8
FIREMAN	
MECHANIC	
INJURIES	

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT SURVEYS	DEGREES
4825	103	4928	6 1/2	124M	4-6 3/4 20-6 1/4	58 m	3	8	9860						

NO.	DRILLING STRING		BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDITION
44	STANDS	FT.	#5	8 3/4"	2-11 1-10	49578	X16	50/55	100	4446	4928	482	30 1/4					
2	SINGLES	4183.42 FT.																
24	D.C.'S	704.66 FT.																
1	SUB	3.40 FT.	MUD	4 P.M.	6 P.M.	8 P.M.	10 P.M.	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS							
1	SUB	2.90 FT.	WEIGHT	9.4	9.4	9.5	9.5			9.5								
1	~~BIT OR S.B.~~ Sub	9.30 FT.	VISCOSITY	48	48	39	42	ADDITIVES (water)										
		FT.	PUMP PRESSURE	1400	1400	1400	1400	Sal - ~~4500~~ LB										
	KELLY IN	2432 FT.	R.P.M. PUMP NO.1	56	56	56	56	Benex - 18 LB										
			R.P.M. PUMP NO.2	On ground at mixer.				Caustic - 1 x 50#										
TOTAL	4928 FT.		PUMP NO. 1 LINER SIZE 5 1/2			PUMP NO. 2 LINER SIZE 5 1/2												

REMARKS	START	STOP	INT VAL
DRLG. 8 3/4" HOLE.	4 00	5 15	1 1/4
RIG SERV & CHECK B.O.P.'S	5 15	5 30	1/4
DRLG. 8 3/4" HOLE	5 30	10 45	5 1/4
DROP SURVEY	10 45	11 00	1/4
TRIP CUT.	11 00	12 00	1

DRILL PIPE SIZE	TYPE	TOTAL NO. OF JOINTS	DATE LAST SONOSCOPED	FOOTAGE DRILLED SINCE LAST SONOSCOPED	TOTAL FOOTAGE DRILLED	LAST CALIPER DATE	RESULTS	CODE LETTER OF STRING

B.O.P.'S TESTED	ELAPSED TIME	PRESSURE	RESULTS	TOTCO RING ON BIT NO.

TOOLPUSHER J. Wagner

APPROVED BY ____

REGENT DRILLING LIMITED

DAY WORK RECORD

DATE Jan 31, 73 REPORT NO. 11

WELL NAME Hudson Bay Amoco M-52

DATE Jan 31, 73

RIG NO. 3

LOCATION LSD. M SEC. 52 TWP. RGE.

PLEASE SHOW FOOTAGE MADE WHILE "CONTROL DRILLING" AS WELL AS HOURS AND ALSO RECORD CORE CUTTERS, CATCHERS, SWAB RUBBERS, ETC.

PUMPS

MANUFACTURER	TYPE	STROKE LENGTH
NO. 1 Emsco	D500	16
NO. 2 Oil Well	214P	14

LAST CASING SIZE	LAST CASING SET AT
10 3/4	912

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT
4330	116	4446	6	118,000	4-6 3/4, 20-6 1/4	58,000

TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT SURVEYS	DEGREES
7	5	9693		76		Jan 23/74	4440	

NO.	DRILLING STRING		BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDITION
39	STANDS	3685.57 FT.	4	7 3/4	1-16, 2-11	49530	X1G	45	105	3823	4446	623	24 3/4					
1	SINGLES	FT.	5	8 3/4	2-11, 1-12	49578	X1G											
24	D C S	704.66 FT.																
1	SUB	3.40 FT.	MUD	12 MID.	2 A.M.	4 A.M.	6 P.M.	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS							
1	SUB	2.90 FT.	WEIGHT	9.4	9.4	9.5	9.5	7.4 VIS 72			HELD BOP Drill @ CREW							
1	SHOCK SUB B	9.30 FT.	VISCOSITY	67	58	62	70	ADDITIVES WATER										
		FT.	PUMP PRESSURE	1600	1600	1600	1600	GEL 20 Sks			Top Fuel Tank 4"							
	KELLY IN	41.00 FT.	R.P.M. PUMP NO.1	56	56	56	56	CMC 50 #										
			R.P.M. PUMP NO.2	On Mud Roll				CAUSTIC 50 #			Dump 5 Tanks							
TOTAL	4446.27 FT.		PUMP NO. 1 LINER SIZE	5 1/2		PUMP NO. 2 LINER SIZE	5 1/2	BENEX 4 25 bags										

REMARKS	TIME START	TIME STOP	TIME INT VAL
DRILL	12 00	6 00	6
DROPPED TOTCO CIRC DOWN	6 00	6 15	1/4
Pulling out OFF hole	6 15	8 00	1 3/4
HOLE TITE 13 Stds off Bottom Pull Tight on & Circulate			
HELD BOP Drill @ CREW			
Top Fuel Tank 4"			
Dump 5 Tanks			

TOUR NO. 2 (8 A.M. TO 4 P.M.)

	HOURS
DRILLER J. Halabisky	12
DERRICK R. Remillard	12
FLOOR H. Davies	12
FLOOR R. McKenzie	12
FLOOR N. Samoniuk	12
FIREMAN	
MECHANIC	
INJURIES	

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT
4446	10	4456	1/2	118,000	4-6 3/4, 20-6 1/4	58,000

TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT SURVEYS	DEGREES
	3						4446	1/4°

NO.	DRILLING STRING		BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDITION
39	STANDS	3717.18 FT.	5	8 3/4"	2-11, 1-12	49578	X1G	40	105	4446	4456	10	1/2					in
2	SINGLES	FT.																
24	D C 'S	704.66 FT.																
1	SUB	3.40 FT.	MUD	8 A.M.	10 A.M.	12 NOON	2 P.M.	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS							
1	SUB	2.90 FT.	WEIGHT				9.6											
1	SHOCK SUB B	9.30 FT.	VISCOSITY				60	ADDITIVES										
		FT.	PUMP PRESSURE				1400	Fresh Water										
	KELLY IN	19.00 FT.	R.P.M. PUMP NO.1				56	Caustic 100#										
			R.P.M. PUMP NO.2															
TOTAL	4456.44 FT		PUMP NO. 1 LINER SIZE	5 1/2"		PUMP NO 2 LINER SIZE	5 1/2"											

REMARKS	TIME START	TIME STOP	TIME INT VAL
Finish pulling out of hole.	8 00	9 30	1 1/2
Service rig & check Weatherford	9 30	9 45	1/4
Run in drill collars	9 45	10 15	1/2
Change swivel packing & line up	10 15		
#1 motor for trouble		1 15	3
Run in 4 1/2" pipe	1 15	2 15	1
Pick up kelly, ream 30' to bottom	2 15	2 45	1/2
Run in 4 1/2" pipe	2 45	3 00	1/4
Pick up kelly, ream & clean 30' to bottom	3 00	3 30	1/2
Drilling 8 3/4" hole	3 30	4 00	1/2

TOUR NO. 3 (4 P.M. TO MIDNIGHT)

	HOURS
DRILLER M. Tchaychuk	4
DERRICK Ed Prato	4
FLOOR Reg Harrison	4
FLOOR D. Oman	4
FLOOR Wayne Olsen	8
FIREMAN	
MECHANIC	
INJURIES	

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT
4456	144	4600	8	120m	4-6 3/4, 20-6 1/4	58,000

TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT SURVEYS	DEGREES
	3							

NO.	DRILLING STRING		BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDITION
41	STANDS	3838.79 FT.	5	8 3/4	2-11, 1-12	49578	X1G	48	105	4446	4600	154	8 1/2					
	SINGLES	FT.																
24	D.C.'S	704.66 FT.																
1	SUB	3.40 FT.	MUD	4 P.M	6 P.M.	8 P.M.	10 P.M.	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS							
1	SUB	2.90 FT.	WEIGHT		9.6	9.6	9.3				Dump Tanks 3 Times							
1	SHOCK SUB B	9.30 FT.	VISCOSITY		50	45	40	ADDITIVES										
		FT.	PUMP PRESSURE		1450	1400	1400	Gel 15 Sks										
	KELLY IN	41.00 FT.	R.P.M. PUMP NO.1		56	56	56	Benex 3										
			R.P.M. PUMP NO.2		mix mud													
TOTAL	4600.05 FT.		PUMP NO. 1 LINER SIZE			PUMP NO. 2 LINER SIZE												

REMARKS	TIME START	TIME STOP	TIME INT VAL
Drilling 8 3/4" hole	4 00	12 00	8

DRILL PIPE SIZE	TYPE	TOTAL NO. OF JOINTS	DATE LAST SONOSCOPED	FOOTAGE DRILLED SINCE LAST SONOSCOPED	TOTAL FOOTAGE DRILLED	LAST CALIPER DATE	RESULTS	CODE LETTER OF STRING
4 1/2	X H							

B.O.P.'S TESTED	ELAPSED TIME	PRESSURE	RESULTS	TOTCO RING ON BIT NO. 5

TOOLPUSHER H. Magnes

APPROVED BY

REGENT DRILLING LIMITED

DAY WORK RECORD

DATE Jan 30, 73 REPORT NO. 10

WELL NAME Hudson Bay Amoco M-52

DATE Jan 30, 73

RIG NO. 5

LOCATION LSD. M SEC 52 TWP. ____ RGE. ____

PLEASE SHOW FOOTAGE MADE WHILE "CONTROL DRILLING" AS WELL AS HOURS AND ALSO RECORD CORE CUTTERS, CATCHERS, SWAB RUBBERS, ETC.

PUMPS

MANUFACTURER	TYPE	STROKE LENGTH
NO. 1 Emsco	D500	16
NO. 2 Gardner	5½-P	14

LAST CASING SIZE	LAST CASING SET AT
10 3/4	912

EACH EMPLOYEE MUST SIGN THIS BOOK

TOUR NO. 1 MIDNIGHT TO 8 A.M. — HOURS

DRILLER Mitch Boychuk 8
DERRICK Ed Prato 8
FLOOR R Harrison 8
FLOOR D. Cman 8
FLOOR
FIREMAN
MECHANIC
INJURIES

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT SURVEYS	DEGREES
3823	201	4024	5½	108 M	20-6¼ 8-7¾	58 M									

NO.	DRILLING STRING		BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDITION
	STANDS	3279.91 FT.	4	8 3/4	2-11 1-10	495830	X19	45	105	3823	4024	201	5½					
	SINGLES	FT.																
	D C 'S	704.66 FT.																
	SUB	3.40 FT.																
	SUB	2.50 FT.																
	BIT OR C.B.	930 FT.																
		FT.																
	KELLY IN	39.83 FT.																

TOTAL 4024.00 FT.

	12 MID.	2 A.M.	4 A.M.	6 P.M.
MUD WEIGHT	9.5	9.5	9.4	9.3
VISCOSITY	58	55	52	47
PUMP PRESSURE	1600	1000	1600	1600
R.P.M. PUMP NO. 1	56	56	56	56
R.P.M. PUMP NO. 2				

WATER | FILTER CAKE | PH

ADDITIVES: WATER

GENERAL REMARKS: Top Fuel Tank 5' 10" — Dump middle Tank

PUMP NO. 1 LINER SIZE 5½" PUMP NO. 2 LINER SIZE 5½"

TIME	START	STOP	INT VAL
REMARKS			
Hole sloughing in			
Ream & Clean To Btm	1200	1230	2½
Drill	2230	800	5½

TOUR NO. 2 8 A.M. TO 4 P.M. — HOURS

DRILLER J. Holeczek 12
DERRICK K. Kowalchuk 12
FLOOR H. Lavoie 12
FLOOR K. McKenzie 12
FLOOR N. Kmiecinski 12
FIREMAN
MECHANIC
INJURIES

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT SURVEYS	DEGREES
4024	172	4196	6¼	110 M	4-7⅞ 2-6¼	58 M									

NO.	DRILLING STRING		BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDITION
36	STANDS	3590.55 FT.	4	8 3/4	1-10 2-11	495830	X19	40	105	3823	4330	507	18¾					
1	SINGLES	FT.																
24	D.C.'S	704.66 FT.																
1	SUB	3.40 FT.																
1	SUB	2.90 FT.																
	BIT OR C.B.	FT.																
1		9.30 FT.																
	KELLY IN	39.19 FT.																

TOTAL 4330 FT.

	4 P.M.	6 P.M.	8 P.M.	10 P.M.
MUD WEIGHT	9.4	9.5	9.5	9.4
VISCOSITY	40	52	54	60
PUMP PRESSURE	1600	1600	1600	1600
R.P.M. PUMP NO. 1	56	56	56	56
R.P.M. PUMP NO. 2				

WATER LOSS | FILTER CAKE | PH 9+

ADDITIVES: 41-50 SAX — 5 - 10 2" SAX — 41 - 100#

GENERAL REMARKS: Change out 4½ stp. sleeve — cut in Hydril to test csg.

PUMP NO. 1 LINER SIZE 5½ PUMP NO. 2 LINER SIZE 5½

TIME	START	STOP	INT VAL
REMARKS			
Drilling w 7⅞" bit	1400	1500	1
Circ & cond for trip	1500	1545	¾
Trip for bit	1545	1745	2
Ream 90' to btm	1745	1830	¾
Drilling w 7⅞" bit	1830	2300	4½
Circ & cond for trip	2300	2400	1
Drilling w 7⅞" bit	400	700	3
Circ & cond for trip	700	800	1
Drilling w 7⅞" bit	800	1300	5
Circ & cond for trip	1300	1400	1
Drilling w 7⅞" bit	1400	1700	3
Circ & cond for trip	1700	1800	1
Drilling w 7⅞" bit	1800	2100	3
Circ & cond for trip	2100	2200	1
Drilling w 7⅞" bit	2200	200	4
Circ & cond for trip	200	300	1
Drilling w 7⅞" bit	300	700	4

REGENT DRILLING LIMITED

DAY WORK RECORD

DATE JAN 29/73 REPORT NO. 9

PLEASE SHOW FOOTAGE MADE WHILE "CONTROL DRILLING" AS WELL AS HOURS AND ALSO RECORD CORE CUTTERS. CATCHERS. SWAB RUBBERS. ETC.

DATE JAN 29/73 WELL NAME HUDSON BAY AMOCO M-52

RIG NO. 3 LOCATION LSD. M SEC. 52 TWP. ____ RGE. ____

PUMPS

MANUFACTURER	TYPE	STROKE LENGTH
NO. 1 EMSCO	D-500	15"
NO. 2 OILWELL	214-P	14"

LAST CASING SIZE	LAST CASING SET AT
10 3/4	912

EACH EMPLOYEE MUST SIGN THIS BOOK

TOUR NO. 1 MIDNIGHT TO 8 A.M. — HOURS

DRILLER GARY CHRISTENSEN	8
DERRICK HAROLD LEWIS	8
FLOOR JULIAN HRISHUK	8
FLOOR BARRY SHORTTLAND	8
FLOOR TOM BOND	8
FIREMAN	
MECHANIC	
INJURIES	

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT
3654	169	3823	7	105000	20-6 1/4 4-6 3/4	62,000

TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT SURVEYS	DEGREES

NO.	DRILLING STRING		BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDITION
33	STANDS	3092.17 FT.	#3	8 3/4	1/10 2/11	49451	X1G	40/45	80	2990	3823	833	12 1/4					
	SINGLES	FT.																
24	D.C.'S	704.66 FT.																
1	SUB	3.40 FT.																
1	SUB	2.96 FT.																
	BIT OR C.B.	FT.																
1	SHOCK SUB	9.30 FT.																
	KELLY IN	1057 FT.																

MUD	12 MID.	2 A.M.	4 A.M.	6 P.M.	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS
WEIGHT	8.8	8.8	8.7					4'6" Fuel
VISCOSITY	29	29	29		ADDITIVES BENEX 8#			
PUMP PRESSURE	1400	1400	1400		2200# GEL			
R.P.M. PUMP NO. 1	56	56	56		CAUSTIC 150#			
R.P.M. PUMP NO. 2								

TOTAL 3823 FT. PUMP NO. 1 LINER SIZE 5 1/2 PUMP NO. 2 LINER SIZE 5 1/2

REMARKS	TIME START	TIME STOP	INT VAL
DRLG 8 3/4" HOLE	1200	1215	1/4
RIG SERV. & CHECK BOP'S	1215	1230	1/4
DRLG 8 3/4" HOLE	1230	715	6 3/4
DROP SURVEY	715	730	1/4
WORK ON AIR —	730	800	1/2

TOUR NO. 2 8 A.M. TO 4 P.M. — HOURS

DRILLER MITCH BOYCHUK	8
DERRICK ED PRATT	8
FLOOR R. HARRISON	8
FLOOR D. COMAN	8
FLOOR R. MCKENZIE	4
FIREMAN	
MECHANIC	
INJURIES	

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT

TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT SURVEYS	DEGREES
1	8	9693		63			3823	1/4

NO.	DRILLING STRING		BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDITION
	STANDS	FT.	4	8 3/4	2-11 1-10	49530	X19											
	SINGLES	FT.																
	D.C.'S	FT.																
	SUB	FT.																
	SUB	FT.																
	BIT OR C.B.	FT.																
		FT.																
	KELLY IN	FT.																

MUD	8 A.M.	10 A.M.	12 NOON	4 P.M.	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS
WEIGHT				9.6				
VISCOSITY				50	ADDITIVES			
PUMP PRESSURE								
R.P.M. PUMP NO. 1								
R.P.M. PUMP NO. 2								

TOTAL 3823 FT. PUMP NO. 1 LINER SIZE PUMP NO. 2 LINER SIZE

REMARKS	TIME START	TIME STOP	INT VAL	
Weaton Air Comp.	800	1030	2 1/2	
Pull out & work Tight hole	1030	100	2 1/2	✓
Change Bit & Run in	100	130	1/2	
Run in "Shoenk Hole"	130	400	2 1/2	

TOUR NO. 3 4 P.M. TO MIDNIGHT — HOURS

DRILLER J. HOLOWICHY	5
DERRICK K. BOUILLARD	5
FLOOR H. [illegible]	5
FLOOR R. MCKENZIE	5
FLOOR N. LAMOUREUX	6
FIREMAN	
MECHANIC	
INJURIES	

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT

TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT SURVEYS	DEGREES

NO.	DRILLING STRING		BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDITION
	STANDS	FT.																
	SINGLES	FT.																
	D.C.'S	FT.																
	SUB	FT.																
	SUB	FT.																
	BIT OR C.B.	FT.																
		FT.																
	KELLY IN	FT.																

MUD	4 P.M.	6 P.M.	8 P.M.	10 P.M.	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS
WEIGHT								
VISCOSITY					ADDITIVES water			
PUMP PRESSURE					Gel - 60 x 100#			
R.P.M. PUMP NO. 1					Benex - 12 x 2#			
R.P.M. PUMP NO. 2					Bicarb - 2 x 100#			

TOTAL FT. PUMP NO. 1 LINER SIZE 5 1/2" PUMP NO. 2 LINER SIZE 5 1/2"

REMARKS	TIME START	TIME STOP	INT VAL
Mix Mud & Circ Hole	400		
Circ & cond mud @ 1100 & 3200			
Run in 4 stds pipe. Pick up Kelly break circ & wash			
from 3550' to 3600'		1200	8

DRILL PIPE SIZE	TYPE	TOTAL NO. OF JOINTS	DATE LAST SONOSCOPED	FOOTAGE DRILLED SINCE LAST SONOSCOPED	TOTAL FOOTAGE DRILLED	LAST CALIPER DATE	RESULTS	CODE LETTER OF STRING

B.O.P.'S TESTED	ELAPSED TIME	PRESSURE	RESULTS	TOTCO RING ON BIT NO.

TOOLPUSHER K. McLean

APPROVED BY ____

REGENT DRILLING LIMITED

DAY WORK RECORD

DATE Jan 28/73 — WELL NAME Hudson Bay Amoco M-52 — DATE Jan 29/73 — REPORT NO. 8

RIG NO. 3 — LOCATION LSD. M SEC. 52 TWP. ____ RGE. ____

PLEASE SHOW FOOTAGE MADE WHILE "CONTROL DRILLING" AS WELL AS HOURS AND ALSO RECORD CORE CUTTERS, CATCHERS, SWAB RUBBERS, ETC.

PUMPS

MANUFACTURER	TYPE	STROKE LENGTH
NO. 1 EMSCO	D-500	15"
NO. 2 OILWELL	214-P	14"

LAST CASING SIZE	LAST CASING SET AT
10 3/4	912

TOUR NO. 1 MIDNIGHT TO 8 A.M.

	HOURS
DRILLER Gary Christensen	8
DERRICK Harold Lewis	8
FLOOR Julian Hrishuk	8
FLOOR Barry Shortland	8 ✓
FLOOR Tom Bond	8 ✓
FIREMAN	
MECHANIC	
INJURIES	

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT SURVEYS	DEGREES
2990	60	3050	3/4	94 m	4-6 3/4 20-6 1/4	C3240							Jan 29		

NO.	DRILLING STRING		BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDITION
30	STANDS	FT.	#3	8 3/4	1/16 3/11	49451	X1G	40	100	2990	3050	60	3/4					
2	SINGLES	23 15.64 FT.																
24	D C S	704.66 FT.																
1	SUB C/O	3.40 FT.	MUD	12 MID.	2 A.M.	4 A.M.	6 P.M.	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS							
1	SUB C/O	2.90 FT.	WEIGHT					ADDITIVES			C.T. 92 - slip 96. (Bail)							
	BIT OR C B	FT.	VISCOSITY															
1	SHOCK SUB	9.30 FT.	PUMP PRESSURE															
	KELLY IN	14.10 FT.	R.P.M. PUMP NO.1															
			R.P.M. PUMP NO.2															
TOTAL	3050	FT.	PUMP NO. 1 LINER SIZE			PUMP NO. 2 LINER SIZE												

REMARKS	TIME START	TIME STOP	TIME INTVAL
Pick & Make up 6 Drill Collars	12 00	1 00	1
Rig Serv.	1 00	1 15	1/4
Slip & Cut Drlg. Line	1 15	2 00	3/4
Trip in w/ 4 1/2" Pipe, Break Down Singles	2 00	3 30	1 1/2
Break Circ	3 30	3 45	1/4
W.O. Water	3 45	5 15	1 1/2
Ream & Clean To Bottom	5 15	5 45	1/2
Drlg 8 3/4" Hole	5 45	6 30	3/4
Wish Bone on Kelly Swivel Broke.) @ Time of Conection	6 30		
Break Down Single & Circ.			8 00

TOUR NO. 2 8 A.M. TO 4 P.M.

	HOURS
DRILLER Mitch Boychuk	8
DERRICK Ed Prato	8
FLOOR R. Harrison	8
FLOOR D. Oman	8
FLOOR B. Lamoureux	4
FIREMAN	
MECHANIC	
INJURIES	

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT SURVEYS	DEGREES
3050	181	3231	1 1/4	94 M	20 x 6 4 2 6 5/8	60 M									

NO.	DRILLING STRING		BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDITION
26	STANDS	2470.08 FT.	3	8 3/4	1/16 11	49451	X19	40	100	3050	3231	181	3					
1	SINGLES	FT.																
	D.C.'S	FT.			÷													
24	SUB	704.66 FT.	MUD	8 A.M.	10 A.M.	12 NOON	2 P.M.	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS							
	SUB	3.40 FT.	WEIGHT				8.5				FOOTAGES WATER IN ALL TANKS 8 1/4 MD							
	BIT OR C B	2.90 FT.	VISCOSITY				28											
		9.30 FT.	PUMP PRESSURE				1000											
	KELLY IN	41.00 FT.	R.P.M. PUMP NO.1				56				in Suction & 9.0							
			R.P.M. PUMP NO.2								Returns							
TOTAL	3231 3H	FT.	PUMP NO. 1 LINER SIZE	5 1/2		PUMP NO. 2 LINER SIZE	5 1/2											

REMARKS	TIME START	TIME STOP	TIME INTVAL
Finish Trip in to off Btm	8 00	9 00	1
Circ Tight hole	9 00		1/2
Wait on Welder Bail on Kelly		1 30	
Run in to Std Ream Tight	1 30		
Spot Down To Btm.		1 45	1/4
Drill 8 3/4 hole	1 45	4 00	2 1/4

TOUR NO. 3 4 P.M. TO MIDNIGHT

	HOURS
DRILLER Jim Halabisky	8
DERRICK Richard Remillard	8
FLOOR Harry Davies	8
FLOOR Ray McKenzie	8
FLOOR Norbert Lamoureux	8
FIREMAN	
MECHANIC	
INJURIES	

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT SURVEYS	DEGREES
3231	423	3654	7 1/1	102,000	4 - 6 3/4 20 - 6 1/4	62,000	8	9630	46	9615	2771	Jan 29/73	3405	1/2°	

NO.	DRILLING STRING		BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDITION
31	STANDS	2904.45 FT.	3	8 3/4"	1-10 2-11	49451	X1G	40	100	2990	3654	664	10 1/4					
	SINGLES	FT.																
24	D.C.'S	704.66 FT.																
1	SUB	3.40 FT.	MUD	4 P.M	6 P.M.	8 P.M.	10 P.M.	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS							
1	SUB	2.90 FT.	WEIGHT	9.0	9.0	9.0	8.8				Mud wt @ 11 p.m.							
1	~~LENGTH BIT OR C.B. SUB~~	9.30 FT.	VISCOSITY	30	30	30	29	ADDITIVES			Viscline - 7.5							
		FT.	PUMP PRESSURE	1000	1000	1000	1000	Fresh water			Desilter overflow 8.7							
	KELLY IN	30.00 FT.	R.P.M. PUMP NO. 1	56	56	56	56				" underflow 11.4							
		3654.71	R.P.M. PUMP NO. 2															
TOTAL		FT.	PUMP NO. 1 LINER SIZE	5 1/2"		PUMP NO. 2 LINER SIZE	5 1/2"											

REMARKS	TIME START	TIME STOP	TIME INTVAL
Service rig & check B.O.Ps	4 00	4 15	1/4
Drilling 8 3/4" hole.	4 15	6 45	2 1/2
Circulate & run Survey	6 45	7 15	1/2
Drilling 8 3/4" hole.	7 15	12 00	4 3/4

DRILL PIPE SIZE	TYPE	TOTAL NO. OF JOINTS	DATE LAST SONOSCOPED	FOOTAGE DRILLED SINCE LAST SONOSCOPED	TOTAL FOOTAGE DRILLED	LAST CALIPER DATE	RESULTS	CODE LETTER OF STRING
4 1/2"	X.H.	216	March 22/72					

B.O.P.'S TESTED	ELAPSED TIME	PRESSURE	RESULTS	TOTCO RING ON BIT NO.

TOOLPUSHER ____

APPROVED BY [signature]

REGENT DRILLING LIMITED

DAY WORK RECORD

DATE Jan 27/73 REPORT NO. 7

WELL NAME Hudson Bay Amoco M-52 EC-10-12E

DATE Jan 27/73

RIG NO. 3

LOCATION LSD. M SEC. 52 TWP. ____ RGE. ____

PLEASE SHOW FOOTAGE MADE WHILE "CONTROL DRILLING" AS WELL AS HOURS AND ALSO RECORD CORE CUTTERS. CATCHERS. SWAB RUBBERS. ETC.

PUMPS

MANUFACTURER	TYPE	STROKE LENGTH
NO. 1 EMSCO	D-500	15"
NO. 2 OILWELL	214	14"

LAST CASING SIZE	LAST CASING SET AT
10 3/4	912

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT
2558	230	2788	6 1/2	84000	5-6 3/4 13-6 1/4	49000

TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT SURVEYS	DEGREES
							2771	0

TOUR NO. 1 MIDNIGHT TO 8 A.M.

EACH EMPLOYEE MUST SIGN THIS BOOK

	HOURS
DRILLER Gary Christensen	8
DERRICK Harold Lewis	8
FLOOR Julian Hrinkiw	8
FLOOR Barry Sharland	8
FLOOR Tom Bo	8
FIREMAN	
MECHANIC	
INJURIES	

NO.	DRILLING STRING	FT.
27	STANDS	
2	SINGLES	222.90 FT.
18	D.C.'S	525.69 FT.
1	SUB C/O	3.40 FT.
1	SUB C/O	2.90 FT.
	BIT OR C.B.	FT.
1	SHOCK SUB	9.30 FT.
	KELLY IN	25.81 FT.
TOTAL		2788 FT.

BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDITION
#2	8 3/4	2/16 1/11	49479	X1G	40	100/110	2100	2788	688	19					DRLG

MUD	12 MID.	2 A.M.	4 A.M.	6 P.M.
WEIGHT	8.8	9.0	9.1	9.1
VISCOSITY	29	28	28	28
PUMP PRESSURE	1500	1500	1500	1500
R.P.M. PUMP NO. 1	56	56	56	56
R.P.M. PUMP NO. 2				

WATER LOSS | FILTER CAKE | PH | ADDITIVES

GENERAL REMARKS: 4' FUEL

PUMP NO. 1 LINER SIZE 5 1/2 | PUMP NO. 2 LINER SIZE 5 1/2

REMARKS	START	STOP	INT VAL
DRLG 8 3/4" HOLE	12 00	12 30	1/2
W.O. WATER, RIG SERV.	12 30	1 15	3/4
DRLG 8 3/4" HOLE	1 15	4 30	3 1/4
W.O. WATER	4 30	4 45	1/4
DRLG 8 3/4" HOLE	4 45	7 00	2 1/4
SURVEY @ 2771 - CIRC - WORK PIPE	7 00	7 30	1/2
DRLG 8 3/4" HOLE	7 30	8 00	1/2

TOUR NO. 2 8 A.M. TO 4 P.M.

	HOURS
DRILLER Mitch Paychuk	8
DERRICK Ed Pirate	8
FLOOR R. Harrison	10
FLOOR D. Oldmeni	8
FLOOR R. McKenzie	3
FIREMAN	
MECHANIC	
INJURIES Lou Marchiel. Tool Push got hurt Jack slipped injury To Right side of head	

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT
2788	202	2990	5 3/4	88M	8-6 1/4 13 6 1/4	49M

TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT SURVEYS	DEGREES

NO.	DRILLING STRING	FT.
25	STANDS	2407.83 FT.
2	SINGLES	FT.
18	D.C.'S	525.69 FT.
1	SUB	3.40 FT.
1	SUB	2.90 FT.
1	BIT OR C.B.	9.30 FT.
		FT.
1	KELLY IN	41.00 FT.
TOTAL		2990.10 FT.

BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDITION
#2	8 3/4	2-16 1-11	49479	X19	40	100	2180	2990	890	23 3/4					7-7-1

MUD	8 A.M.	10 A.M.	12 NOON	2 P.M.
WEIGHT	9.3	9.1	9.0	
VISCOSITY	30	29	30	
PUMP PRESSURE	1500	1500	1500	
R.P.M. PUMP NO. 1	56	56	56	
R.P.M. PUMP NO. 2				

WATER LOSS | FILTER CAKE | PH | ADDITIVES WATER

GENERAL REMARKS

PUMP NO. 1 LINER SIZE 5 1/2 | PUMP NO. 2 LINER SIZE 5 1/2

REMARKS	START	STOP	INT VAL
DRILL 8 3/4 HOLE	8 00	11 30	3 1/2
RIG SER.	11 30	11 45	1/4
DRILL	11 45	2 00	2 1/4
DROPPED TOTCO CIRC.	2 00	2 30	1/2
~~HOISTED~~ T.P. HOIST T.P.	2 30	4 00	1 1/2

TOUR NO. 3 4 P.M. TO MIDNIGHT

	HOURS
DRILLER J. Halabicky	8
DERRICK R. Remillard	8
FLOOR A. Davies	8
FLOOR R. McKenzie	8
FLOOR N. Hamoureux	8
FIREMAN	
MECHANIC	
INJURIES	

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT
2990						

TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT SURVEYS	DEGREES
					2837		2990	1/2°

NO.	DRILLING STRING	FT.
	STANDS	FT.
	SINGLES	FT.
	D.C.'S	FT.
	SUB	FT.
	SUB	FT.
	BIT OR C.B.	FT.
		FT.
	KELLY IN	FT.
TOTAL		FT.

BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDITION
2	8 3/4"	2-10 1-11	49479	X1G	40	100	2100	2990	890	23 3/4					7-7-1
3	8 3/4"	3-10 2-11	49451	X1G											

MUD	4 P.M.	6 P.M.	8 P.M.	10 P.M.
WEIGHT				
VISCOSITY				
PUMP PRESSURE				
R.P.M. PUMP NO. 1				
R.P.M. PUMP NO. 2				

WATER LOSS | FILTER CAKE | PH | ADDITIVES

GENERAL REMARKS

PUMP NO. 1 LINER SIZE | PUMP NO. 2 LINER SIZE

REMARKS	START	STOP	INT VAL
Finish out of hole	4 00	4 15	1 3/4
Run up & clean all mud tanks	4 15	10 00	4 3/4
Servicing & check Blind rams	10 00	10 15	1/4
Run in drill collars & start picking up 6 more	10 15	12 00	1 3/4

DRILL PIPE SIZE	TYPE	TOTAL NO. OF JOINTS	DATE LAST SONOSCOPED	FOOTAGE DRILLED SINCE LAST SONOSCOPED	TOTAL FOOTAGE DRILLED	LAST CALIPER DATE	RESULTS	CODE LETTER OF STRING
4 1/2	X.H.	261						

B.O.P.'S TESTED | ELAPSED TIME | PRESSURE | RESULTS | TOTCO RING ON BIT NO.

TOOLPUSHER K. Griffiths

APPROVED BY

REGENT DRILLING LIMITED

DAY WORK RECORD

DATE Jan 26/73 REPORT NO. 6

DATE Jan 26/73 WELL NAME Hudson Bay Amoco M-52

RIG NO. 3 LOCATION LSD. M SEC. 52 TWP. ____ RGE. ____

PLEASE SHOW FOOTAGE MADE WHILE "CONTROL DRILLING" AS WELL AS HOURS AND ALSO RECORD CORE CUTTERS, CATCHERS, SWAB RUBBERS, ETC.

PUMPS

	MANUFACTURER	TYPE	STROKE LENGTH
NO. 1	EMSCO	D-500	15"
NO. 2	OILWELL	214	17"

LAST CASING SIZE	LAST CASING SET AT
10 3/4	919

EACH EMPLOYEE MUST SIGN THIS BOOK

TOUR NO. 1 MIDNIGHT TO 8 A.M.	HOURS
DRILLER Gary Christensen	8
DERRICK Harold Lewis	8
FLOOR Lillian Hreshak	8
FLOOR Barry Shotland	8
FLOOR Tom Bond	8
FIREMAN	
MECHANIC	
INJURIES	

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT
1991	109	2100	1 3/4	76,000	5-6 1/4 12-6 1/4	49,000

TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT SURVEYS	DEGREES
							2100	8

NO.	DRILLING STRING		BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDITION
16	STANDS	FT.	#2	9 3/4	2/10 1/11	49479	X1G											
5	SINGLES	15.35.21 FT.	#1	8 3/4	2/16 1/11	45936	X3H	30/40	100	912	2100	1188	15 3/4					
18	D.C.'S	525.69 FT.																
1	SUB C/C	3.40 FT.																
1	SUB C/C	2.90 FT.																
	BIT OR C.B.	FT.																
1	SHOCK SUB	9.30 FT.																
	KELLY IN	23.50 FT.																
TOTAL	2100	FT.																

MUD	12 MID.	2 A.M.	4 A.M.	6 P.M.	WATER LOSS	FILTER CAKE	PH
WEIGHT	9.6						
VISCOSITY	29				ADDITIVES		
PUMP PRESSURE	1400						
R.P.M. PUMP NO. 1	56						
R.P.M. PUMP NO. 2							

PUMP NO. 1 LINER SIZE ____ PUMP NO. 2 LINER SIZE ____

GENERAL REMARKS: R/ Fuel

REMARKS	TIME START	TIME STOP	TIME INT VAL
Rig Serv & Check B.O.P's	12 00	12 15	1/4
Drlg. 8 3/4" Hole	12 15	2 00	1 3/4
Drop Survey	2 00	2 15	1/4
Trip Out (Slow Tight Hole 1C Sta)	2 15	4 15	2
Trip In	4 15	6 00	1 3/4
Break Circ. Reaml & Clean 110'	6 00	9 00	2 HR
+ work on Swivel			

TOUR NO. 2 — 8 A.M. TO 4 P.M.

	HOURS
DRILLER Mitch Boychuk	8
DERRICK Ed Prato	8
FLOOR A. Harrison	8
FLOOR D. Oman	8
FLOOR L. Gabbe	5
FIREMAN R. McKenzie	3
MECHANIC	
INJURIES	

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT
2100	232	2332	5 1/4	78 M.	13-6 7/4	49 M.

TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT SURVEYS	DEGREES
							2100	6°

NO.	DRILLING STRING		BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDITION
19	STANDS	1782.03 FT.	2	8 3/4	2-10 1-11	49479	X1G	40	100	2100	2332	232	5 1/4					
	SINGLES	FT.																
18	D.C.'S	525.69 FT.																
1	SUB	3.40 FT.																
1	SUB	2.90 FT.																
1	BIT OR C.B.	9.80 FT.																
		FT.																
	KELLY IN	10.02 FT.																
TOTAL	2332.78	FT.																

MUD	8 A.M.	10 A.M.	12 NOON	3 P.M.	WATER LOSS	FILTER CAKE	PH
WEIGHT		8.4	8.8	8.9			
VISCOSITY		50	50	36	ADDITIVES	Water	
PUMP PRESSURE		1500	1500	1500	Dump Tanks		
R.P.M. PUMP NO. 1		56	56	56			
R.P.M. PUMP NO. 2							

PUMP NO. 1 LINER SIZE 5 1/2 PUMP NO. 2 LINER SIZE 5 1/2

GENERAL REMARKS: Rig Inspection - Satisfactory / Blood Cons. Engr. Yellowknife

REMARKS	TIME START	TIME STOP	TIME INT VAL
Drill	8 00	9 00	1
Wait on water Check B.O.P.	9 00	9 15	1/4
Drill	9 15	9 45	1/2
Change Wash Pipe & Packing	9 45	11 00	1 1/4
Clean To Btm	11 00	11 15	1/4
Drill	11 15	12 00	3/4
Conservation Board Check	12 00	12 30	1/2
Drill	12 30	3 30	3
~~RT~~ Jockey Attempt made	3 30	4 00	

TOUR NO. 3 — 4 P.M. TO MIDNIGHT

	HOURS
DRILLER Jim Habishaw	8
DERRICK R. Remillard	8
FLOOR H. Davies	8
FLOOR R. McKenzie	8
FLOOR N. Lamarsoux	8
FIREMAN	
MECHANIC	
INJURIES	

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT
2332	226'	2558'	6 1/4	82,000	5-6 3/4 13-6 1/4	49,000

TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT SURVEYS	DEGREES
3	8	9540	46	9517	2837	—	2510'	⊙

NO.	DRILLING STRING		BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDITION
21	STANDS	2000.87 FT.	2	8 3/4	2-10 1-11	49479	X1G	30-40	100	2100'	2558'	458	11 1/2					
1	SINGLES	FT.																
18	D.C.'S	525.69 FT.																
1	SUB	3.40 FT.																
1	SUB	2.90 FT.																
1	SHOCK SUB	2.30 FT.																
	KELLY IN	16.00 FT.																
TOTAL	2550.10																	

MUD	4 P.M.	6 P.M.	8 P.M.	10 P.M.	WATER LOSS	FILTER CAKE	PH
WEIGHT	8.9	8.9	9.1	9.1			
VISCOSITY	31	31	31	31	ADDITIVES	Water	
PUMP PRESSURE	1500	1500	1500	1500	Dump tanks		
R.P.M. PUMP NO. 1	56	56	56	56			
R.P.M. PUMP NO. 2							

PUMP NO. 1 LINER SIZE 5 1/2" PUMP NO. 2 LINER SIZE 5 1/2"

GENERAL REMARKS:

REMARKS	TIME START	TIME STOP	TIME INT VAL	
Drilling 8 3/4" hole	4 00	8 00	4	4
Service rig & check hydrill	8 00	8 15	1/4	
Build up volume	8 15	8 30	1/4	
Drilling 8 3/4" hole	8 30	9 00	1/2	1/2
Circulate, work pipe & take survey	9 00	9 30	1/2	
Drilling 8 3/8" hole	9 30	11 15	1 3/4	1 3/4
Wait on water	11 15	12 00	3/4	

DRILL PIPE SIZE 4 1/2"	TYPE XH	TOTAL NO. OF JOINTS 261	DATE LAST MAGNA-FLUX SONOSCOPED 22/12	FOOTAGE DRILLED SINCE LAST SONOSCOPED	TOTAL FOOTAGE DRILLED
B.O.P.'S TESTED		BLAPSED TIME	PRESSURE	RESULTS	

LAST CALIPER DATE	RESULTS	CODE LETTER OF STRING

TOTCO RING ON BIT NO.

TOOLPUSHER [signature]

APPROVED BY ____

REGENT DRILLING LIMITED

DAY WORK RECORD

DATE Jan 25/73 REPORT NO. 5

WELL NAME Hudson Bay Amoco Sisland R.M.52

DATE Jan 25/73

RIG NO. 3

LOCATION LSD. M SEC. 52 TWP. ____ RGE. ____

PLEASE SHOW FOOTAGE MADE WHILE "CONTROL DRILLING" AS WELL AS HOURS AND ALSO RECORD CORE CUTTERS. CATCHERS. SWAB RUBBERS. ETC.

PUMPS

MANUFACTURER	TYPE	STROKE LENGTH
NO. 1 EMSCO	D-500	15"
NO. 2 OILWELL	214 A	14"

LAST CASING SIZE 10 3/4 — LAST CASING SET AT 912

EACH EMPLOYEE MUST SIGN THIS BOOK

TOUR NO. 1 MIDNIGHT TO 8 A.M.

	HOURS
DRILLER Gary Christensen	8
DERRICK Harold Lewis	8
FLOOR Julian Hrishuk	8
FLOOR Barry Shottland	8
FLOOR Tom Bond	8
FIREMAN	
MECHANIC	
INJURIES	

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT
				59000	5-6 3/4 FA-C-14	49000

TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT SURVEYS	DEGREES

NO.	DRILLING STRING		BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDITION
3	STANDS	FT.	#1	8 3/4	3/16 11/11	48936	X3A	10000	40	DRLG-OUT @ 867.18		FLOAT						
1	SINGLES	313.89 FT.																
18	D C 'S	525.69 FT.																
1	SUB C/O	3.40 FT.																
1	SUB C/O	2.90 FT.																
	BIT OR C B	FT.																
1	SHOCK	9.30 FT.																
1	KELLY IN	42.00 FT.																
@ FLOAT TOTAL		867.18 FT.																

	12 MID.	2 A.M.	4 A.M.	6 P.M.
MUD WEIGHT				
VISCOSITY				
PUMP PRESSURE				
R.P.M. PUMP NO 1				
R.P.M. PUMP NO 2				

WATER LOSS | FILTER CAKE | PH

ADDITIVES

PUMP NO. 1 LINER SIZE 5 1/2 — PUMP NO. 2 LINER SIZE 5 1/2

GENERAL REMARKS

6'2" Fuel

Pres. Test Kelly Cock 1000 PSI

Pres Tested B.O.P +

Manifold 1200 PSI - 15 min

on each OK

Motors Hi Toffs OK.

REMARKS	START	STOP	INT VAL
Nipple up B.O.P's	12:00	1:00	1
Blow Kelly - Froze up in Sock.	1:00	2:45	1 3/4
P.S.I. Blind Rams 1000 PSI.	2:45	3:15	1/2
Pick up & make up Shock Sub & Bit	3:15	3:30	1/4
Tripin w/Bit #1	3:30	4:15	3/4
Pick up D.C.'s	4:15	5:00	3/4
Finish Trip in.	5:00	5:30	1/2
Break Circ & Pressure Test	5:30		
4 1/2" Rams, Hydril & Choke Man.			
I Fold 1000 PSI. (Blow w/Steam)		6:45	1 1/4
Felt Wiper Plug & Float @ 867.18	6:45		
~~Strg Out Shoe~~		8:00	1 1/4

TOUR NO. 2 8 A.M. TO 4 P.M.

	HOURS
DRILLER Mitch Boychuk	8
DERRICK Ed Prato	8
FLOOR R Harrison	8
FLOOR D Cman	8
FLOOR L Caboe	8
FIREMAN	
MECHANIC	
INJURIES	

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT
912	733	1600	7 3/4	70M	8-6 1/4 13-6 1/4	49M

TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT SURVEYS	DEGREES
							1332	1/2°

NO.	DRILLING STRING		BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDITION
11	STANDS	1035.04	1	8 3/4	2-10 1-11	48936	X3A	28M	120	912	1600	678 733	7 3/4					
	SINGLES	FT.																
18	D C 'S	525.69 FT.																
1	SUB	3.40 FT.																
1	SUB	2.90 FT.																
1	~~Shock~~ BIT OR C B	9.30 FT.																
		FT.																
	KELLY IN	2367 FT.																
TOTAL		1600 FT.																

	8 A.M.	10 A.M.	12 NOON	2 P.M.
MUD WEIGHT	9.0	9.0	9.0	9.1
VISCOSITY	28	28	28	28
PUMP PRESSURE	1400	1400	1400	1400
R.P.M. PUMP NO.1	56	56	56	56
R.P.M. PUMP NO.2				

WATER LOSS | FILTER CAKE | PH

ADDITIVES Spud 50 # Drill WATER

PUMP NO. 1 LINER SIZE 5 1/2" — PUMP NO. 2 LINER SIZE 5 1/2"

GENERAL REMARKS

Held @ Crew B.O.P. Drill

REMARKS	START	STOP	INT VAL
Finish Trip in.	909		
~~Soo~~ Drill 8 3/4 hole	800	12:30	4 1/2
Circ + Toloo	12:30	12:45	3/4
Drill	12:45	4:00	3 1/4

TOUR NO. 3 4 P.M. TO MIDNIGHT

	HOURS
DRILLER J. Halabisky	8
DERRICK R. Remillard	8
FLOOR H. Davies	8
FLOOR R. McKenzie	8
FLOOR R. Lamarsoux	8
FIREMAN	
MECHANIC	
INJURIES	

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT
1600	391	1991	6 1/4	75,000	5-6 3/4 13-6 1/4	49,000

TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT SURVEYS	DEGREES
	8						1730'	1/2°

NO.	DRILLING STRING		BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDITION
15	STANDS	1408.80 FT.	1	8 3/4"	2-12 1-11	48936	X3A	~~40~~ 30	100	912	1991	1079	14					
	SINGLES	FT.																
18	D.C.'S	525.69 FT.																
1	SUB	3.40 FT.																
1	SUB	2.90 FT.																
1	~~SHOCK~~ BIT OR C B SUB	9.30 FT.																
		FT.																
	KELLY IN	41.00 FT.																
TOTAL		1991.09 FT.																

	4 P.M.	6 P.M.	8 P.M.	10 P.M.
MUD WEIGHT	9.1	9.1	9.1	9.1
VISCOSITY	28	28	28	28
PUMP PRESSURE	1400	1400	1400	1400
R.P.M. PUMP NO. 1	56	56	56	56
R.P.M. PUMP NO. 2				

WATER LOSS | FILTER CAKE | PH

ADDITIVES water

PUMP NO. 1 LINER SIZE 5 1/2" — PUMP NO. 2 LINER SIZE 5 1/2"

GENERAL REMARKS

REMARKS	START	STOP	INT VAL
Drilling 8 3/4" hole	4:00	5:30	1 1/2
Bit plugged. Work pipe & spud	5:30	6:00	1/2
Drilling 8 3/4" hole	6:00	6:30	1/2
Service Rig & check 4 1/2" rams	6:30	6:45	1/4
Circ & run Survey	6:45	7:00	1/4
Drilling 8 3/4" hole	7:00	7:45	3/4
Break, redope & tighten union on standpipe. Also change pressure gage on standpipe	7:45	8:30	3/4
Drilling 8 3/4" hole	8:30	12:00	3 1/2

DRILL PIPE SIZE	TYPE	TOTAL NO. OF JOINTS	DATE LAST SONOSCOPED	FOOTAGE DRILLED SINCE LAST SONOSCOPED	TOTAL FOOTAGE DRILLED	LAST CALIPER DATE	RESULTS	CODE LETTER OF STRING
4 1/2	X.H.	261						

B.O.P.'S TESTED | ELAPSED TIME | PRESSURE | RESULTS | TOTCO RING ON BIT NO.

TOOLPUSHER ____

APPROVED BY ____

REGENT DRILLING LIMITED

DAY WORK RECORD

DATE Jan 24/73 REPORT NO. 4

WELL NAME Hudson Bay Amoco S. Island R.M. 52

DATE Jan 24/73

RIG NO. 3

LOCATION LSD. M SEC. 52 TWP. ____ RGE. ____

PLEASE SHOW FOOTAGE MADE WHILE "CONTROL DRILLING" AS WELL AS HOURS AND ALSO RECORD CORE CUTTERS, CATCHERS, SWAB RUBBERS, ETC.

PUMPS

MANUFACTURER	TYPE	STROKE LENGTH
NO. 1 D-500 EMSCO		15"
NO. 2 OILWELL 214B		14"

LAST CASING SIZE	LAST CASING SET AT
10 3/4	912

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT
		912		52000	9-6 3/4 10-6 1/4	42000

TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT SURVEYS	DEGREES

EACH EMPLOYEE MUST SIGN THIS BOOK

TOUR NO. 1 MIDNIGHT TO 8 A.M.

	HOURS
DRILLER Gary Christensen	8
DERRICK Harold Lewis	8
FLOOR Julian Hrishuk	8
FLOOR Barry Shottland	8
FLOOR Tom Bond	8
FIREMAN	
MECHANIC	
INJURIES	

NO.	DRILLING STRING		BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDITION
4	STANDS	FT.																
2	SINGLES	440.40 FT.																
15	D C 'S	433.07 FT.																
1	SUB C/C	3.40 FT.																
1	SUB C/C	2.90 FT.																
	BIT OR C B	FT.																
		FT.																
	KELLY IN	27.23 FT.																
TOTAL	912	FT.																

MUD	12 MID.	2 A.M.	4 A.M.	6 P.M.	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS
WEIGHT								3'4" Fuel
VISCOSITY					ADDITIVES			
PUMP PRESSURE								
R.P.M. PUMP NO. 1								
R P M PUMP NO 2								

PUMP NO. 1 LINER SIZE 5 1/2 PUMP NO. 2 LINER SIZE 5 1/2

REMARKS	TIME START	TIME STOP	TIME INT VAL
W.O.C.	12:00	7:00	7
Cut-Conductor Barrel	7:00	8:00	1

TOUR NO. 2 8 A.M. TO 4 P.M.

	HOURS
DRILLER M. Tchaychuk	8
DERRICK Ed Prato	8
FLOOR R Harrison	8
FLOOR D Oman	8
FLOOR L Sabol	8
FIREMAN	
MECHANIC	
INJURIES	

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT

TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT SURVEYS	DEGREES

NO.	DRILLING STRING		BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDITION
	STANDS	FT																
	SINGLES	FT																
	D C 'S	FT																
	SUB	FT																
	SUB	FT																
	BIT OR C B	FT																
		FT																
	KELLY IN	FT																
TOTAL	912.	FT																

MUD	8 A M	10 A M	12 NOON	2 P M	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS
WEIGHT								
VISCOSITY					ADDITIVES			
PUMP PRESSURE								
R P M PUMP NO 1								
R P M PUMP NO 2								

PUMP NO. 1 LINER SIZE PUMP NO. 2 LINER SIZE

REMARKS	TIME START	TIME STOP	TIME INT VAL
Cut Csg weld Csg Bowl	8:00	9:00	6
Start nipple up.	2:00	4:00	2

TOUR NO. 3 4 P.M. TO MIDNIGHT

	HOURS
DRILLER J. Halabicky	8
DERRICK R. Remillard	8
FLOOR H. Davies	8
FLOOR R. McKenzie	8
FLOOR N Lamoureux	8
FIREMAN	
MECHANIC	
INJURIES	

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT

TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT SURVEYS	DEGREES

NO.	DRILLING STRING		BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDITION
	STANDS	FT.																
	SINGLES	FT.																
	D C 'S	FT.																
	SUB	FT.																
	SUB	FT.																
	BIT OR C B	FT.																
		FT.																
	KELLY IN	FT.																
TOTAL		FT.																

MUD	4 P M	6 P M	8 P.M.	10 P M	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS
WEIGHT								
VISCOSITY					ADDITIVES			
PUMP PRESSURE								
R.P.M. PUMP NO. 1								
R.P.M. PUMP NO 2								

PUMP NO. 1 LINER SIZE PUMP NO. 2 LINER SIZE

REMARKS	TIME START	TIME STOP	TIME INT VAL
Nipple up B.O.P.'s	4:00	12:00	8

DRILL PIPE SIZE	TYPE	TOTAL NO. OF JOINTS	DATE LAST SONOSCOPED	FOOTAGE DRILLED SINCE LAST SONOSCOPED	TOTAL FOOTAGE DRILLED	LAST CALIPER DATE	RESULTS	CODE LETTER OF STRING

B.O.P.'S TESTED	ELAPSED TIME	PRESSURE	RESULTS	TOTCO RING ON BIT NO.

TOOLPUSHER L Babuchuk

APPROVED BY ____

REGENT DRILLING LIMITED

DAY WORK RECORD

DATE Jan 23/73 — WELL NAME H.B. AMOCO S. ISLAND R.M. 52 — DATE Jan 23/73 — REPORT NO. 3

RIG NO. 3 — LOCATION LSD. M SEC. 52 TWP. ____ RGE. ____

PLEASE SHOW FOOTAGE MADE WHILE "CONTROL DRILLING" AS WELL AS HOURS AND ALSO RECORD CORE CUTTERS. CATCHERS. SWAB RUBBERS. ETC.

PUMPS

	MANUFACTURER	TYPE	STROKE LENGTH
NO. 1	EMSCO	D-500	15"
NO. 2	OILWELL	214P	14"

LAST CASING SIZE	LAST CASING SET AT
	912

TOUR NO. 1 MIDNIGHT TO 8 A.M.

EACH EMPLOYEE MUST SIGN THIS BOOK	HOURS
DRILLER GARY CHRISTENSEN	8
DERRICK HAROLD LEWIS	8
FLOOR JULIAN HRISHUK	8
FLOOR BARRY SHOTTLAND	8
FLOOR TOM BOND	8
FIREMAN	
MECHANIC	
INJURIES	

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT
784	128	912	3½	52000	6-6¾ 10-6¼	42000

TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT

AT	SURVEYS	DEGREES
834		1°
897		½°

NO.	DRILLING STRING		BITS RUN NO	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDITION
4	STANDS	FT.	3A	13¾	CONV	RETIP	OSC3	5000	130	784	912	128	3½					CIRC.
D	SINGLES	440.40 FT.																
15	D.C.'S	438.07 FT.																
1	SUB	3.40 FT.																
1	SUB	2.90 FT.																
1	BIT ~~SmB~~	2.60 FT.																
	BIT	1.00 FT.																
	KELLY IN	23.63 FT.																

MUD	12 MID.	2 A.M.	4 A.M.	6 P.M.
WEIGHT			9.2	9.2
VISCOSITY				50
PUMP PRESSURE				
R.P.M. PUMP NO. 1				
R.P.M. PUMP NO. 2				

WATER LOSS	FILTER CAKE	PH

ADDITIVES GEL 500# CAUSTIC 50#

GENERAL REMARKS: 4' FUEL

TOTAL 912 FT.

PUMP NO. 1 LINER SIZE 5½" — PUMP NO. 2 LINER SIZE 5½"

REMARKS	TIME START	TIME STOP	TIME INTERVAL
RIG SERV.	1200	1215	¼
TRIP IN HOLE W/BIT #3A	1215	1330	1¼
BREAK CIRC & WORK OUT MUD RINGS	1330	300	1½
DRLG 13¾" HOLE	300	400	1
SURVEY	400	415	¼
DRLG 13¾" HOLE	415	615	2
SURVEY	615	630	¼
DRLG 13¾" HOLE	630	700	½
CIRC COND. HOLE FOR CSG.	700	800	1

TOUR NO. 2 8 A.M. TO 4 P.M.

	HOURS
DRILLER Mitch Brychuk	8
DERRICK F. PRATO	12
FLOOR R. HARRISON	12
FLOOR D. OMAN	8
FLOOR L. SABOE	8
FIREMAN	
MECHANIC	
INJURIES 2 MEN STAYED OVER TO RUN CASING & CEMENT	

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT

TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT

AT	SURVEYS	DEGREES
912		½

NO.	DRILLING STRING		BITS RUN NO	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDITION
	STANDS	FT.																
	SINGLES	FT.																
	D.C.'S	FT.																
	SUB	FT.																
	SUB	FT.																
	BIT OR C.B.	FT.																
		FT.																
	KELLY IN	FT.																

MUD	8 A.M.	10 A.M.	12 NOON	2 P.M.
WEIGHT				
VISCOSITY				
PUMP PRESSURE				
R.P.M. PUMP NO. 1				
R.P.M. PUMP NO. 2				

WATER LOSS	FIL ER CAKE	PH

ADDITIVES KB TO GROUND 17'

GENERAL REMARKS

TOTAL FT.

PUMP NO. 1 LINER SIZE — PUMP NO. 2 LINER SIZE

REMARKS	TIME START	TIME STOP	TIME INTERVAL
Pull out off hole 15¾	800	900	1
Rig up To Run Csg	900	1100	2
Start Run Csg	1100	400	5

TOUR NO. 3 4 P.M. TO MIDNIGHT

	HOURS
DRILLER Jim Habbisky	8
DERRICK Richard Remillard	8
FLOOR Harry Davied	13
FLOOR Ray McKenzie	8
FLOOR N. Lamoureux	13
FIREMAN	
MECHANIC	
INJURIES 2 men came out early to run casing	

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT

TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT

AT	SURVEYS	DEGREES

NO.	DRILLING STRING		BITS RUN NO	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDITION
	STANDS	FT.																
	SINGLES	FT.																
	D.C.'S	FT.																
	SUB	FT.																
	SUB	FT.																
	BIT OR C.B.	FT.																
		FT.																
	KELLY IN	FT.																

MUD	4 P.M.	6 P.M.	8 P.M.	10 P.M.
WEIGHT				
VISCOSITY				
PUMP PRESSURE				
R.P.M. PUMP NO. 1				
R.P.M. PUMP NO. 2				

WATER LOSS	FILTER CAKE	PH

ADDITIVES

GENERAL REMARKS

Plug Down @ 7 PM
Last Cemented. 22 JTs 10¾ - 32.75 LB. H.40. Csg.
Total of 914 w/ Float & Shoe. Cemented w/ 600 Sax Cont 2%
Cal Clo. Plug Down @ 700 PM. Jan 23/73. Landed @ 912 K.B.

TOTAL FT.

PUMP NO. 1 LINER SIZE — PUMP NO. 2 LINER SIZE

REMARKS	TIME START	TIME STOP	TIME INTERVAL
Finish running 10¾" Casing	400	445	¾
Circulate casing & work same	445	~~545~~	
Help rig up Halliburton to run cement		600	1¼
Run Cement & displace	600	700	1
W.O.C.	700	1200	5

DRILL PIPE SIZE	TYPE	TOTAL NO. OF JOINTS	DATE LAST SONOSCOPED	FOOTAGE DRILLED SINCE LAST SONOSCOPED	TOTAL FOOTAGE DRILLED	LAST CALIPER DATE	RESULTS	CODE LETTER OF STRING

B.O.P.'S TESTED	ELAPSED TIME	PRESSURE	RESULTS	TOTCO RING ON BIT NO.

TOOLPUSHER L. Hasenhat

APPROVED BY ____

REGENT DRILLING LIMITED

DAY WORK RECORD

DATE January 22/73 REPORT NO. 2

PLEASE SHOW FOOTAGE MADE WHILE "CONTROL DRILLING" AS WELL AS HOURS AND ALSO RECORD CORE CUTTERS, CATCHERS, SWAB RUBBERS, ETC.

DATE January 22/73 WELL NAME H.B. Amoco S. Island R. M-52

RIG NO. 3 LOCATION LSD. M SEC. 62 TWP. ____ RGE. ____

PUMPS

	MANUFACTURER	TYPE	STROKE LENGTH
NO. 1	Emsco	D-500	16"
NO. 2	Oilwell	214-P	14"

LAST CASING SIZE ____ LAST CASING SET AT ____

EACH EMPLOYEE MUST SIGN THIS BOOK

TOUR NO. 1 MIDNIGHT TO 8 A.M.

	HOURS
DRILLER Jimi Holubicky	12
DERRICK Harold Lewis	8
FLOOR Julian Hrishuk	8
FLOOR Barry Shottland	8
FLOOR Tom Bond	8
FIREMAN	
MECHANIC	
INJURIES	

FROM 293' FOOTAGE 167 TOTAL DEPTH 460 HOURS ON BOTTOM ____ DRILL PIPE WEIGHT ____ NO. AND SIZE OF D.C.'S 4-6¾ D.C. WEIGHT ____ TRIPS ____ NO OF LINES ____ TOTAL TON MILES ____ LINE CUT FEET ____ AT MILES ____ FEET LEFT ON SPOOL ____ DATE OF LAST CUT ____

SURVEYS AT / DEGREES: 320' - ½° ; 400' - ½°

NO.	DRILLING STRING	FT.	BITS RUN NO	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDITION
	STANDS	FT.	1A	13¾	OPEN	412-13 Retip	(5C3)			0	460	460	16					
	SINGLES	FT.																
14	D.C.'S	410.45 FT.																
1	SUB	3.40 FT.																
1	SUB	2.90 FT.																
1	BIT OR C.B. Sub	2.60 FT.																
		FT.																
		41.00 FT.																

	12 MID.	2 A.M.	4 A.M.	6 P.M.
MUD WEIGHT	9.2	9.2	9.2	9.3
VISCOSITY	42	40	38	37
PUMP PRESSURE				
R.P.M. PUMP NO. 1				
R.P.M. PUMP NO. 2				

WATER LOSS ____ FILTER CAKE ____ PH ____ ADDITIVES ____

GENERAL REMARKS: Fuel in top tank: 5'10"

TOTAL 460.35 FT. PUMP NO. 1 LINER SIZE 5½" PUMP NO. 2 LINER SIZE 5½"

REMARKS	START	STOP	INT VAL
Drilling 13¾" hole	12 00	1 15	1 1/4
Run Survey @ 320' ½°	1 15	1 30	1/4
Drilling 13¾" hole	1 30	3 00	1 1/2
Work on air lines:	3 00	3 30	1/2
Drilling 13¾" hole	3 30	4 45	1 1/4
Run Survey @ 400'	4 45	5 00	1/4
Drilling 13¾" hole	5 00	6 30	1 1/2
Repair airline to #1 Foreich	6 30	7 15	3/4
Drilling 13¾" hole	7 15	8 00	5/4

TOUR NO. 2 8 A.M. TO 4 P.M.

	HOURS
DRILLER Mitch Boychuk	4
DERRICK ED. PRATO	8
FLOOR R. HARRISON	8
FLOOR D. OMAN	8
FLOOR L. SABOE	8
FIREMAN	
MECHANIC	
INJURIES	

FROM 460' FOOTAGE 154 TOTAL DEPTH 614 HOURS ON BOTTOM 3¼ DRILL PIPE WEIGHT ____ NO. AND SIZE OF D.C.'S ____ D.C. WEIGHT ____ TRIPS ____ NO OF LINES ____ TOTAL TON MILES ____ LINE CUT FEET ____ AT MILES ____ FEET LEFT ON SPOOL ____ DATE OF LAST CUT ____

SURVEYS AT / DEGREES: 460 2 ; 551 2 1/8

NO.	DRILLING STRING	FT.	BITS RUN NO	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDITION
	STANDS	FT.	2A	13¾"	OPEN	18346 Retip	(5C3)			460	614	154	3¼			546	@	
	SINGLES	FT.														739	8	
15	D.C.'S	438.07 FT.																
	SUB	3.40 FT.																
	SUB	2.90 FT.																
	BIT OR C.B.	2.60 FT.																
		FT.																
	KELLY IN	41.00 FT.																

	8 A.M.	10 A.M.	12 NOON	2 P.M.
MUD WEIGHT				
VISCOSITY				
PUMP PRESSURE				
R.P.M. PUMP NO. 1				
R.P.M. PUMP NO. 2				

WATER LOSS ____ FILTER CAKE ____ PH ____ ADDITIVES ____

GENERAL REMARKS

TOTAL 614.52 FT. PUMP NO. 1 LINER SIZE ____ PUMP NO. 2 LINER SIZE ____

REMARKS	START	STOP	INT VAL
Service Rig & run survey	8 00	8 15	1/4
Trip for bit #2 Clean To Btm.	8 15	10 30	2 1/4
DRILL	10 30	3 00	2 1/2
TOTCO	3 00	3 15	1/4
DRILL	3 15	4 00	3/4

TOUR NO. 3 4 P.M. TO MIDNIGHT

	HOURS
DRILLER M. Tch Boychuk	8
DERRICK Richard Remillard	8
FLOOR H. DAVIES	8
FLOOR R. McKENZIE	8
FLOOR N. LAMARRACK	8
FIREMAN	
MECHANIC	
INJURIES	

FROM 614 FOOTAGE 180 TOTAL DEPTH 794 HOURS ON BOTTOM 6¾ DRILL PIPE WEIGHT ____ NO. AND SIZE OF D.C.'S 5-6¾ 10-6¼ D.C. WEIGHT 42M TRIPS ____ NO OF LINES ____ TOTAL TON MILES ____ LINE CUT FEET ____ AT MILES ____ FEET LEFT ON SPOOL ____ DATE OF LAST CUT ____

SURVEYS AT / DEGREES: ____

NO.	DRILLING STRING	FT.	BITS RUN NO	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDITION
3	STANDS	313.87 FT.	2A	13¾	open	RT	(5C3)			460	794	334	6¾					
1	SINGLES	FT.																
15	D.C.'S	438.07 FT.																
1	SUB	3.40 FT.																
1	SUB	2.90 FT.																
1	BIT OR C.B.	2.60 FT.																
		FT.																
1	KELLY IN	23.00 FT.																

	4 P.M.	6 P.M.	8 P.M.	10 P.M.
MUD WEIGHT				10.6
VISCOSITY				70
PUMP PRESSURE				
R.P.M. PUMP NO. 1				
R.P.M. PUMP NO. 2				

WATER LOSS ____ FILTER CAKE ____ PH ____ ADDITIVES ____

GENERAL REMARKS

TOTAL 784.00 FT. PUMP NO. 1 LINER SIZE ____ PUMP NO. 2 LINER SIZE ____

REMARKS	START	STOP	INT VAL
DRILL	4 00	5 30	1 1/2
TOTCO	5 30	5 45	1/4
DRILL	5 45	11 00	5 1/4
Pull out of hole	11 00	12 00	1

DRILL PIPE SIZE 4½	TYPE XH	TOTAL NO. OF JOINTS 261	DATE LAST SONOSCOPED	FOOTAGE DRILLED SINCE LAST SONOSCOPED	TOTAL FOOTAGE DRILLED	LAST CALIPER DATE	RESULTS	CODE LETTER OF STRING
B.O.P.'S TESTED		ELAPSED TIME		PRESSURE	RESULTS	TOTCO RING ON BIT NO.		

TOOLPUSHER [signature]

APPROVED BY ____

REGENT DRILLING LIMITED

DAY WORK RECORD

DATE January 21/73 REPORT NO. 1

PLEASE SHOW FOOTAGE MADE WHILE "CONTROL DRILLING" AS WELL AS HOURS AND ALSO RECORD CORE CUTTERS, CATCHERS, SWAB RUBBERS, ETC.

DATE January 20/73

RIG NO. 3

WELL NAME Hudsons Bay Oil + Gas / HB. AMOCO S. Island M. 52.

LOCATION LSD. ____ SEC. ____ TWP. Pinch RGE. ____

PUMPS

MANUFACTURER	TYPE	STROKE LENGTH
NO 1 Emsco	D-500	16"
NO 2 Oilwell	214-P	14"

LAST CASING SIZE	LAST CASING SET AT

EACH EMPLOYEE MUST SIGN THIS BOOK

TOUR NO. 1 MIDNIGHT TO 8 A.M.

	HOURS
DRILLER J. Halabicky	12
DERRICK R. Remillard	8
FLOOR J. Hrishuk	8
FLOOR B. Shetland	8
FLOOR T. Bond	8
FIREMAN	
MECHANIC	
INJURIES	

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT

TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT SURVEYS	DEGREES

NO.	DRILLING STRING		BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDITION
	STANDS	FT.																
	SINGLES	FT.																
	D.C.'S	FT.																
	SUB	FT.	MUD	12 MID.	2 A.M.	4 A.M.	6 P.M.	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS							
	SUB	FT.	WEIGHT								Fuel in top tank.							
	BIT OR C B	FT.	VISCOSITY					ADDITIVES										
		FT.	PUMP PRESSURE					Gel- 1/2 x 10										
	KELLY IN	FT.	R.P.M. PUMP NO.1															
			R.P.M. PUMP NO.2															
TOTAL		FT.	PUMP NO. 1 LINER SIZE	5½"		PUMP NO. 2 LINER SIZE	5½"											

REMARKS	TIME START	TIME STOP	TIME INT VAL
Rig up to spud. mix mud	12⁰⁰		
Mix			

DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT
CONSERVATION ENGINEER
JAN 29 1973
YELLOWKNIFE, N.W.T.
NORTHERN ADMINISTRATION DEVELOPMENT BRANCH

TOUR NO. 2 8 A.M. TO 4 P.M.

	HOURS
DRILLER Mitch Boychuk	4
DERRICK ED PRATT / REG HARRISON	8
FLOOR DON SMITH	8
FLOOR Lyle Sabee	4
~~FLOOR~~ MECH Reg Harrison	~~8~~
FIREMAN DeGRAN	8
MECHANIC	
INJURIES	

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT
0		79				

TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT SURVEYS	DEGREES

NO.	DRILLING STRING		BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDITION
	STANDS	FT.	1 RR	15 3/4	open		csc			0	79	79	2½					
	SINGLES	FT.																
	D.C.'S	FT.																
	SUB	FT.	MUD	8 A.M.	10 A.M.	12 NOON	2 P.M.	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS							
	SUB	FT.	WEIGHT															
	BIT OR C B	FT.	VISCOSITY					ADDITIVES			Spudded @ 1.30 Jan 21/73							
		FT.	PUMP PRESSURE					Gel 20 SAX										
	KELLY IN	FT.	R.P.M. PUMP NO.1					Caustic 50 LB										
			R.P.M. PUMP NO.2					Lime 50 LB										
TOTAL 79		FT.	PUMP NO. 1 LINER SIZE			PUMP NO. 2 LINER SIZE												

REMARKS	TIME START	TIME STOP	TIME INT VAL
Rig up mix mud	1⁰⁰	1⁰⁰	4
Rig up	5⁰⁰	5⁰⁰	1/2
Spud in + DRILL	1³⁰	4⁰⁰	2½

TOUR NO. 3 4 P.M. TO MIDNIGHT

	HOURS
DRILLER Mitch Boychuk	8
DERRICK R. REMILLARD	8
FLOOR H. DAVIES	8
FLOOR R McKENZIE	8
FLOOR W. LAMARCHE	8
FIREMAN	
MECHANIC	
INJURIES	

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT
79		293.85	7¼			

TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT SURVEYS	DEGREES
							176	1½°

NO.	DRILLING STRING		BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDITION
	STANDS	FT.	1 RR	15 3/4	open		osc			0	293	293	9¾			265'	10 5/8	
	SINGLES	FT.																
	D.C.'S	237.95 FT.												-				
1	SUB	5.40 FT.	MUD	4 P.M.	6 P.M.	8 P.M.	10 P.M.	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS							
1	SUB	290 FT.	WEIGHT															
1	BIT OR C B.	260 FT.	VISCOSITY					ADDITIVES										
		FT.	PUMP PRESSURE					Gel 15 x 100										
	KELLY IN	41.00 FT.	R.P.M. PUMP NO.1															
			R.P.M. PUMP NO.2															
TOTAL 293.85		FT.	PUMP NO. 1 LINER SIZE			PUMP NO. 2 LINER SIZE												

REMARKS	TIME START	TIME STOP	TIME INT VAL
Boulder	4⁰⁰	5⁰⁰	1½
Totco	5⁻³⁰	5³⁴⁵	¼
Drill Rock Boulders	5⁴⁵	8⁴⁵	3
Totco	8⁴⁵	9⁰⁰	¼
Drill	9⁰⁰	11⁴⁵	2¼
Totco	11⁴⁵	11³⁰	¼
Drill.	11³⁰	12⁰⁰	½

DRILL PIPE SIZE	TYPE	TOTAL NO. OF JOINTS	DATE LAST SONOSCOPED	FOOTAGE DRILLED SINCE LAST SONOSCOPED	TOTAL FOOTAGE DRILLED	LAST CALIPER DATE	RESULTS	CODE LETTER OF STRING

B.O.P.'S TESTED	ELAPSED TIME	PRESSURE	RESULTS	TOTCO RING ON BIT NO.

TOOLPUSHER L. Hamel

APPROVED BY ____

REGENT DRILLING LIMITED

DAY WORK RECORD

DATE Jan 20, 73 REPORT NO.

PLEASE SHOW FOOTAGE MADE WHILE "CONTROL DRILLING" AS WELL AS HOURS AND ALSO RECORD CORE CUTTERS, CATCHERS, SWAB RUBBERS, ETC.

PUMPS

MANUFACTURER	TYPE	STROKE LENGTH
NO. 1		
NO. 2		

LAST CASING SIZE	LAST CASING SET AT

DATE Jan 20, 73

WELL NAME

RIG NO. 3

LOCATION LSD. SEC. TWP. RGE.

EACH EMPLOYEE MUST SIGN THIS BOOK

TOUR NO. 1 MIDNIGHT TO 8 A.M.

	HOURS
DRILLER J. HALABISKY	9
DERRICK R. REMILLARD	9
FLOOR H DAVIES	16
FLOOR R MCKENZIE	16
FLOOR N L AMARCHE	16
FIREMAN	
MECHANIC	
INJURIES	

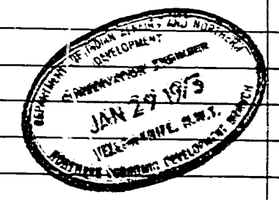
FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT	SURVEYS	DEGREES

NO.	DRILLING STRING		BITS RUN NO	SIZE	NOZZLE SIZE	SERIAL NO	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDITION
	STANDS	FT.																
	SINGLES	FT.																
	D C S	FT.																
	SUB	FT.	MUD	12 MID.	2 A.M.	4 A.M.	6 P.M.	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS							
	SUB	FT.	WEIGHT															
	BIT OR C B	FT.	VISCOSITY					ADDITIVES										
		FT.	PUMP PRESSURE															
	KELLY IN	FT.	R.P.M. PUMP NO 1															
			R.P.M. PUMP NO 2															
TOTAL		FT.	PUMP NO 1 LINER SIZE		PUMP NO. 2 LINER SIZE													

REMARKS

TIME	START	STOP	INT VAL

Rig up



TOUR NO. 2 8 A.M. TO 4 P.M.

	HOURS
DRILLER Mitch Boychuk	16
DERRICK ED. PRATO	16
FLOOR R HARRISON	16
FLOOR D CMAN	16
FLOOR L. SABBE	16
FIREMAN	
MECHANIC	
INJURIES	

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT	SURVEYS	DEGREES

NO.	DRILLING STRING		BITS RUN NO	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDITION
	STANDS	FT.																
	SINGLES	FT.																
	D C 'S	FT.																
	SUB	FT.	MUD	8 A.M	10 A.M	12 NOON	2 P.M	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS							
	SUB	FT.	WEIGHT								Started Boiler							
	BIT OR C B	FT.	VISCOSITY					ADDITIVES			12 noon Jan 20/73							
		FT.	PUMP PRESSURE															
	KELLY IN	FT.	R.P.M. PUMP NO.1															
			R.P.M. PUMP NO.2															
TOTAL		FT.	PUMP NO. 1 LINER SIZE		PUMP NO. 2 LINER SIZE													

REMARKS

Rig up

TOUR NO. 3 4 P.M. TO MIDNIGHT

	HOURS
DRILLER	
DERRICK	
FLOOR	
FLOOR Bobbitt Land	5
FLOOR T Bond	8
FIREMAN	
MECHANIC	
INJURIES	

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT	SURVEYS	DEGREES

NO.	DRILLING STRING		BITS RUN NO	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDITION
	STANDS	FT.																
	SINGLES	FT.																
	D.C.'S	FT.																
	SUB	FT.	MUD	4 P.M	6 P.M.	8 P.M.	10 P.M.	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS							
	SUB	FT.	WEIGHT															
	BIT OR C.B	FT.	VISCOSITY					ADDITIVES										
		FT.	PUMP PRESSURE															
	KELLY IN	FT.	R.P.M. PUMP NO. 1															
			R.P.M. PUMP NO. 2															
TOTAL		FT.	PUMP NO. 1 LINER SIZE		PUMP NO. 2 LINER SIZE													

REMARKS

Rig up

DRILL PIPE SIZE	TYPE	TOTAL NO. OF JOINTS	DATE LAST SONOSCOPED	FOOTAGE DRILLED SINCE LAST SONOSCOPED	TOTAL FOOTAGE DRILLED	LAST CALIPER DATE	RESULTS	CODE LETTER OF STRING

B.O.P.'S TESTED	ELAPSED TIME	PRESSURE	RESULTS	TOTCO RING ON BIT NO.

TOOLPUSHER W. Z. Bonnell

APPROVED BY

REGENT DRILLING LIMITED

DAY WORK RECORD

DATE Jan 10 73 REPORT NO.

WELL NAME HUDSON

DATE Jan 9 73

RIG NO. 1

LOCATION LSD. SEC. TWP. RGE.

PLEASE SHOW FOOTAGE MADE WHILE "CONTROL DRILLING" AS WELL AS HOURS AND ALSO RECORD CORE CUTTERS, CATCHERS, SWAB RUBBERS, ETC.

PUMPS

MANUFACTURER	TYPE	STROKE LENGTH
NO. 1		
NO. 2		

LAST CASING SIZE	LAST CASING SET AT

EACH EMPLOYEE MUST SIGN THIS BOOK

TOUR NO. 1 MIDNIGHT TO 8 A.M.

	HOURS
DRILLER Halaburda	10
DERRICK R. Remillard	10
FLOOR H. Davies	10
FLOOR R. McKenzie	10
FLOOR W. Lendrum	10
FIREMAN	
MECHANIC	
INJURIES	

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT SURVEYS	DEGREES

NO.	DRILLING STRING		BITS RUN NO	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDITION
	STANDS	FT.																
	SINGLES	FT.																
	D.C.'S	FT.																
	SUB	FT.	MUD	12 MID.	2 A.M.	4 A.M.	6 P.M.	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS							
	SUB	FT.	WEIGHT															
	BIT OR C.B.	FT.	VISCOSITY					ADDITIVES										
		FT.	PUMP PRESSURE															
	KELLY IN	FT.	R.P.M. PUMP NO. 1															
			R.P.M. PUMP NO. 2															
TOTAL		FT.	PUMP NO. 1 LINER SIZE			PUMP NO. 2 LINER SIZE												

REMARKS	TIME START	TIME STOP	TIME INT VAL
Rig up			10

TOUR NO. 2 8 A.M. TO 4 P.M.

	HOURS
DRILLER Mitch Boychuk	10
DERRICK Ed Prato	10
FLOOR R. Harrison	10
FLOOR D. Oman	10
FLOOR L. Sabot	10
FIREMAN	
MECHANIC	
INJURIES	

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT SURVEYS	DEGREES

NO.	DRILLING STRING		BITS RUN NO	SIZE	NOZZLE SIZE	SERIAL NO	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDITION
	STANDS	FT.																
	SINGLES	FT.																
	D.C.'S	FT.																
	SUB	FT.	MUD	8 A.M.	10 A.M.	12 NOON	2 P.M.	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS							
	SUB	FT.	WEIGHT															
	BIT OR C.B.	FT.	VISCOSITY					ADDITIVES										
		FT.	PUMP PRESSURE															
	KELLY IN	FT.	R.P.M. PUMP NO. 1															
			R.P.M. PUMP NO. 2															
TOTAL		FT.	PUMP NO. 1 LINER SIZE			PUMP NO. 2 LINER SIZE												

REMARKS			
Rig up			10

TOUR NO. 3 4 P.M. TO MIDNIGHT

	HOURS
DRILLER	
DERRICK H. Lewis	10
FLOOR	
FLOOR Bobby Lewis	10
FLOOR T. Bond	10
FIREMAN	
MECHANIC	
INJURIES	

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT SURVEYS	DEGREES

NO.	DRILLING STRING		BITS RUN NO	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDITION
	STANDS	FT.																
	SINGLES	FT.																
	D.C.'S	FT.																
	SUB	FT.	MUD	4 P.M.	6 P.M.	8 P.M.	10 P.M.	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS							
	SUB	FT.	WEIGHT															
	BIT OR C.B.	FT.	VISCOSITY					ADDITIVES										
		FT.	PUMP PRESSURE															
	KELLY IN	FT.	R.P.M. PUMP NO. 1															
			R.P.M. PUMP NO. 2															
TOTAL		FT.	PUMP NO. 1 LINER SIZE			PUMP NO. 2 LINER SIZE												

REMARKS			
Rig up			10

DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT
CONSERVATION ENGINEER
JAN 27 1973
YELLOWKNIFE, N.W.T.
NORTHERN ECONOMIC DEVELOPMENT BRANCH

DRILL PIPE SIZE	TYPE	TOTAL NO. OF JOINTS	DATE LAST SONOSCOPED	FOOTAGE DRILLED SINCE LAST SONOSCOPED	TOTAL FOOTAGE DRILLED	LAST CALIPER DATE	RESULTS	CODE LETTER OF STRING

B.O.P.'S TESTED	ELAPSED TIME	PRESSURE	RESULTS	TOTCO RING ON BIT NO.

TOOLPUSHER L. Wilson

APPROVED BY

REGENT DRILLING LIMITED

DAY WORK RECORD

DATE Jan 18, 73 WELL NAME Hudson Bay DATE Jan 18, 73 REPORT NO.

RIG NO. 3. LOCATION LSD. SEC. TWP. RGE.

PLEASE SHOW FOOTAGE MADE WHILE "CONTROL DRILLING" AS WELL AS HOURS AND ALSO RECORD CORE CUTTERS. CATCHERS. SWAB RUBBERS. ETC.

PUMPS

MANUFACTURER	TYPE	STROKE LENGTH
NO 1		
NO 2		

LAST CASING SIZE	LAST CASING SET AT

EACH EMPLOYEE MUST SIGN THIS BOOK

TOUR NO. 1 MIDNIGHT TO 8 A.M.

	HOURS
DRILLER J. Halabisky	10
DERRICK R. Remillard	8
FLOOR H. Davies	8
FLOOR L. McKenzie	10
FLOOR N. Lamarche	10
FIREMAN	
MECHANIC	
INJURIES	

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT SURVEYS DEGREES

NO.	DRILLING STRING		BITS RUN NO	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDITION
	STANDS	FT.																
	SINGLES	FT.																
	D C S	FT.																
	SUB	FT.	MUD	12 MID.	2 A.M.	4 A.M.	6 P.M.	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS							
	SUB	FT.	WEIGHT															
	BIT OR C B	FT.	VISCOSITY					ADDITIVES										
		FT.	PUMP PRESSURE															
	KELLY IN	FT.	R.P.M. PUMP NO 1															
			R.P.M. PUMP NO 2															
TOTAL		FT.	PUMP NO. 1 LINER SIZE			PUMP NO. 2 LINER SIZE												

TIME	START	STOP	INT VAL
REMARKS			
Rig up			10

TOUR NO. 2 8 A.M. TO 4 P.M.

	HOURS
DRILLER Mitch Boychuk	10
DERRICK ED. PRATE	10
FLOOR R. HARRISON	10
FLOOR D. AMANO	10
FLOOR L. SABOE	10
FIREMAN	
MECHANIC	
INJURIES	

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT SURVEYS DEGREES

NO.	DRILLING STRING		BITS RUN NO	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDITION
	STANDS	FT.																
	SINGLES	FT.																
	D C 'S	FT.																
	SUB	FT.	MUD	8 A.M	10 A.M.	12 NOON	2 P.M	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS							
	SUB	FT.	WEIGHT															
	BIT OR C B	FT.	VISCOSITY					ADDITIVES										
		FT.	PUMP PRESSURE															
	KELLY IN	FT.	R.P.M. PUMP NO.1															
			R.P.M. PUMP NO.2															
TOTAL		FT.	PUMP NO. 1 LINER SIZE			PUMP NO. 2 LINER SIZE												

TIME	START	STOP	INT VAL
REMARKS			
Rig up.			1.0

TOUR NO. 3 4 P.M. TO MIDNIGHT

	HOURS
DRILLER	
DERRICK H. Lewis	8
FLOOR	
FLOOR G. Shetland	8
FLOOR J. Bond	8
FIREMAN	
MECHANIC	
INJURIES	

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT SURVEYS DEGREES

NO.	DRILLING STRING		BITS RUN NO	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDITION
	STANDS	FT.																
	SINGLES	FT.																
	D.C.'S	FT.																
	SUB	FT.	MUD	4 P.M	6 P.M.	8 P.M.	10 P.M.	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS							
	SUB	FT.	WEIGHT															
	BIT OR C.B.	FT.	VISCOSITY					ADDITIVES										
		FT.	PUMP PRESSURE															
	KELLY IN	FT.	R.P.M. PUMP NO. 1															
			R.P.M. PUMP NO. 2															
TOTAL		FT.	PUMP NO. 1 LINER SIZE			PUMP NO. 2 LINER SIZE												

TIME	START	STOP	INT VAL
REMARKS			

DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT
CONSERVATION ENGINEER
YELLOWKNIFE, N.W.T.
NORTHERN BRANCH

DRILL PIPE SIZE	TYPE	TOTAL NO. OF JOINTS	DATE LAST SONOSCOPED	FOOTAGE DRILLED SINCE LAST SONOSCOPED	TOTAL FOOTAGE DRILLED	LAST CALIPER DATE	RESULTS	CODE LETTER OF STRING

B.O.P.'S TESTED	ELAPSED TIME	PRESSURE	RESULTS	TOTCO RING ON BIT NO.

TOOLPUSHER

APPROVED BY

REGENT DRILLING LIMITED

DAY WORK RECORD

DATE January 17/73 REPORT NO.

PLEASE SHOW FOOTAGE MADE WHILE "CONTROL DRILLING" AS WELL AS HOURS AND ALSO RECORD CORE CUTTERS, CATCHERS, SWAB RUBBERS, ETC.

PUMPS

MANUFACTURER	TYPE	STROKE LENGTH
NO 1		
NO 2		

LAST CASING SIZE	LAST CASING SET AT

DATE January 17/73 WELL NAME

RIG NO. 5 LOCATION LSD. SEC. TWP. RGE.

EACH EMPLOYEE MUST SIGN THIS BOOK

TOUR NO. 1 MIDNIGHT TO 8 A.M.

	HOURS
DRILLER J. Halabisky	11
DERRICK R. Garrison	11
FLOOR R. McKenzie	11
FLOOR N. Lamaroux	11
FLOOR L. Labbe	11
FIREMAN	
MECHANIC	
INJURIES	

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT SURVEYS	DEGREES

NO.	DRILLING STRING		BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDITION
	STANDS	FT.																
	SINGLES	FT.																
	D C S	FT.																
	SUB	FT.																
	SUB	FT.																
	BIT OR C B	FT.																
		FT.																
	KELLY IN	FT.																
TOTAL		FT.																

MUD	12 MID.	2 A.M.	4 A.M.	6 P.M.	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS
WEIGHT								
VISCOSITY					ADDITIVES			
PUMP PRESSURE								
R.P.M. PUMP NO. 1								
R.P.M. PUMP NO. 2								
PUMP NO. 1 LINER SIZE			PUMP NO. 2 LINER SIZE					

TIME	START	STOP	INT VAL
REMARKS			
Rig up rig			11

TOUR NO. 2 8 A.M. TO 4 P.M.

	HOURS
DRILLER Mitch Boychuk	8
DERRICK ED PRATO	8
FLOOR D. OMAN	8
FLOOR	
FLOOR	
FIREMAN	
MECHANIC	
INJURIES	

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT SURVEYS	DEGREES

NO.	DRILLING STRING		BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDITION
	STANDS	FT.																
	SINGLES	FT.																
	D C S	FT.																
	SUB	FT.																
	SUB	FT.																
	BIT OR C B	FT.																
		FT.																
	KELLY IN	FT.																
TOTAL		FT.																

MUD	8 A.M.	10 A.M.	12 NOON	2 P.M.	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS
WEIGHT					-			
VISCOSITY					ADDITIVES			
PUMP PRESSURE								
R.P.M. PUMP NO.1								
R.P.M. PUMP NO.2								
PUMP NO. 1 LINER SIZE			PUMP NO. 2 LINER SIZE					

REMARKS			
Rig up.			8

TOUR NO. 3 4 P.M. TO MIDNIGHT

	HOURS
DRILLER	
DERRICK	
FLOOR	
FLOOR	
FLOOR	
FIREMAN	
MECHANIC	
INJURIES	

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT SURVEYS	DEGREES

NO.	DRILLING STRING		BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDITION
	STANDS	FT.																
	SINGLES	FT.																
	D.C.'S	FT.																
	SUB	FT.																
	SUB	FT.																
	BIT OR C.B.	FT.																
		FT.																
	KELLY IN	FT.																
TOTAL		FT.																

MUD	4 P.M.	6 P.M.	8 P.M.	10 P.M.	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS
WEIGHT								
VISCOSITY					ADDITIVES			
PUMP PRESSURE								
R.P.M. PUMP NO. 1								
R.P.M. PUMP NO. 2								
PUMP NO. 1 LINER SIZE			PUMP NO. 2 LINER SIZE					

REMARKS

DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT
CONSERVATION ENGINEER
JAN 29 1973
YELLOWKNIFE, N.W.T.
NORTHERN ECONOMIC DEVELOPMENT BRANCH

DRILL PIPE SIZE	TYPE	TOTAL NO. OF JOINTS	DATE LAST SONOSCOPED	FOOTAGE DRILLED SINCE LAST SONOSCOPED	TOTAL FOOTAGE DRILLED	LAST CALIPER DATE	RESULTS	CODE LETTER OF STRING

B.O.P.'S TESTED	ELAPSED TIME	PRESSURE	RESULTS	TOTCO RING ON BIT NO.

TOOLPUSHER

APPROVED BY

REGENT DRILLING LIMITED

DAY WORK RECORD

DATE January 16/73 REPORT NO.

PLEASE SHOW FOOTAGE MADE WHILE "CONTROL DRILLING" AS WELL AS HOURS AND ALSO RECORD CORE CUTTERS, CATCHERS, SWAB RUBBERS, ETC.

DATE January 16/73 WELL NAME

RIG NO. 3 LOCATION LSD. SEC. TWP. RGE.

PUMPS

MANUFACTURER	TYPE	STROKE LENGTH
NO. 1		
NO. 2		

LAST CASING SIZE	LAST CASING SET AT

EACH EMPLOYEE MUST SIGN THIS BOOK

TOUR NO. 1 MIDNIGHT TO 8 A.M.	HOURS
DRILLER Q. Hakatisky	10
DERRICK K. Harrison	8
FLOOR K. McKenzie	10
FLOOR N. Lamoureux	10
FLOOR L. Baker	8
FIREMAN	
MECHANIC	
INJURIES	

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT SURVEYS	DEGREES

NO	DRILLING STRING		BITS RUN NO	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDITION
	STANDS	FT.																
	SINGLES	FT.																
	D.C.S	FT.																
	SUB	FT.	MUD	12 MID.	2 A.M.	4 A.M.	6 P.M.	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS							
	SUB	FT.	WEIGHT															
	BIT OR C.B	FT.	VISCOSITY					ADDITIVES										
		FT.	PUMP PRESSURE															
	KELLY IN	FT.	R.P.M. PUMP NO. 1															
			R.P.M. PUMP NO. 2															
TOTAL		FT.	PUMP NO. 1 LINER SIZE			PUMP NO. 2 LINER SIZE												

REMARKS	TIME START	TIME STOP	TIME INT VAL
Move rig			10

TOUR NO. 2 8 A.M. TO 4 P.M	HOURS
DRILLER	
DERRICK	
FLOOR	
FLOOR	
FLOOR	
FIREMAN	
MECHANIC	
INJURIES	

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT SURVEYS	DEGREES

NO.	DRILLING STRING		BITS RUN NO	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDITION
	STANDS	FT.																
	SINGLES	FT.																
	D.C.'S	FT.																
	SUB	FT.	MUD	8 A.M.	10 A.M.	12 NOON	2 P.M.	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS							
	SUB	FT.	WEIGHT															
	BIT OR C.B	FT.	VISCOSITY					ADDITIVES										
		FT.	PUMP PRESSURE															
	KELLY IN	FT.	R.P.M. PUMP NO. 1															
			R.P.M. PUMP NO. 2															
TOTAL		FT.	PUMP NO. 1 LINER SIZE			PUMP NO. 2 LINER SIZE												

REMARKS

TOUR NO. 3 4 P.M. TO MIDNIGHT	HOURS
DRILLER	
DERRICK	
FLOOR	
FLOOR	
FLOOR	
FIREMAN	
MECHANIC	
INJURIES	

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT SURVEYS	DEGREES

NO.	DRILLING STRING		BITS RUN NO	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDITION
	STANDS	FT.																
	SINGLES	FT.																
	D.C.'S	FT.																
	SUB	FT.	MUD	4 P.M.	6 P.M.	8 P.M.	10 P.M.	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS							
	SUB	FT.	WEIGHT															
	BIT OR C.B.	FT.	VISCOSITY					ADDITIVES										
		FT.	PUMP PRESSURE															
	KELLY IN	FT.	R.P.M. PUMP NO. 1															
			R.P.M. PUMP NO. 2															
TOTAL		FT.	PUMP NO. 1 LINER SIZE			PUMP NO. 2 LINER SIZE												

REMARKS

DRILL PIPE SIZE	TYPE	TOTAL NO. OF JOINTS	DATE LAST SONOSCOPED	FOOTAGE DRILLED SINCE LAST SONOSCOPED	TOTAL FOOTAGE DRILLED	LAST CALIPER DATE	RESULTS	CODE LETTER OF STRING

B.O.P.'S TESTED	ELAPSED TIME	PRESSURE	RESULTS	TOTCO RING ON BIT NO.

DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT
CONSERVATION ENGINEER
JAN 29 1973
YELLOWKNIFE, N.W.T.
NORTHERN ECONOMIC DEVELOPMENT BRANCH

TOOLPUSHER

APPROVED BY

52 - 8BAX4
REV 2/71

Hudson's Bay Oil and Gas Company Limited

DAILY DRILLERS REPORT

DATE FEB 28/73

WELL NAME	H.B. Omaca So. Ft Reuer M52	LDG. FLG. TO KB	CASING RECORD	DEPTH	SIZE	WEIGHT	GRADE	CEMENT	ADD.	PLUG DOWN	COMPANY SUPERVISOR
CONTRACTOR	ReCat	TYPE RIG Brewster N.7									
RIG NO.	3	TOOL PUSHER L. MacKenzie	K. B. ELEV.								
			GRD. ELEV.								

	12 P.M. TO 8 A.M.	8 A.M. TO 4 P.M.	4 P.M. TO 12 P.M.
DEPTH	START	START	START
	PROGRESS	PROGRESS	PROGRESS
	END	END	END

BIT RECORD

NO.	SERIAL NO.	TYPE	SIZE	FROM	TO	FOOTAGE	HRS. RUN

DRILLING DATA

LINER SIZE	PUMP PRESSURE	TABLE SPEED	WEIGHT ON BIT

DRILLING STRING

SIZE	STANDS	SINGLES	DRILL COL.	KELLY IN	CORE BBL.

MUD RECORD

TYPE OF MUD	WEIGHT	VIS	WL	PH	FC

ADDITIVES

ADDITIVES Rig Released 6.00 P.M. FEB. 28/73 D.L. Grafton

CORING

NO.	FROM	TO	RECOVERED	FORMATION

SURVEY

DEG. AT FT. | DEG. AT FT. | DEG. AT FT.

DRILL STEM TESTS

NO. INTERVAL FORMATION

VALVE OPEN (MINS.) INITIAL SHUT-IN (MINS.) FINAL SHUT-IN (MINS.)

GAS TO SURFACE MIN. @ MCF/D MAX.

OIL TO SURFACE MIN. @ BBL/D MAX.

RECOVERY:

PRESS-URES IHP FHP IFP FFP ISIP FSIP

REMARKS INCLUDING: CEMENTING, LOGGING, PERFORATING, ACIDIZING, FRACTURING, PLUGS

FROM	TO	DESCRIPTION OF WORK
12	2.	Run & Set Plug (OTis HX.)
2.00		6888.
		Dismantle well Head
		& Rig To Run Cement
	6.00	Plug
6	6.45	Red Plug
6.45	8.00	Lay Down 2⅜ Tubing

DRILLER NO. HELPERS

FROM	TO	DESCRIPTION OF WORK
8.	1.30	Lay Down Tubing
		Dig & Clean Cellar. Cut Csg
1.30		Weld on Cap. Clean up
		& Bolt wild Head
	6.00	Together

DRILLER NO. HELPERS

FROM	TO	DESCRIPTION OF WORK

DRILLER NO. HELPERS

52 - 88AX4
REV 2/71Δ

Hudson's Bay Oil and Gas Company Limited

DAILY DRILLERS REPORT

DATE Feb 27/73

WELL NAME	H.B. Amoco Sq Ft River M.52	LDG. FLG. TO KB	
CONTRACTOR	Regent	TYPE RIG Brantford N.T.	K. B. ELEV.
RIG NO.	3	TOOL PUSHER L. MacAskill	GRD. ELEV.

CASING RECORD

DEPTH	SIZE	WEIGHT	GRADE	CEMENT	ADD.	PLUG DOWN

COMPANY SUPERVISOR B. Gompoo

	12 P.M. TO 8 A.M.	8 A.M. TO 4 P.M.	4 P.M. TO 12 P.M.
DEPTH	START / PROGRESS / END	START / PROGRESS / END	START / PROGRESS / END

BIT RECORD

NO.	SERIAL NO.	TYPE	SIZE	FROM	TO	FOOTAGE	HRS. RUN

DRILLING DATA

LINER SIZE	PUMP PRESSURE	TABLE SPEED	WEIGHT ON BIT

DRILLING STRING

SIZE	STANDS	SINGLES	DRILL COL.	KELLY IN	CORE BBL.

MUD RECORD

TYPE OF MUD	WEIGHT	VIS	WL	PH	FC

ADDITIVES

CORING

NO.	FROM	TO	RECOVERED	FORMATION

SURVEY

DEG. AT FT. / DEG. AT FT. / DEG. AT FT.

DRILL STEM TESTS

NO. INTERVAL FORMATION

VALVE OPEN (MINS.) INITIAL SHUT-IN (MINS.) FINAL SHUT-IN (MINS.)

GAS TO SURFACE MIN. @ MCF/D MAX.

OIL TO SURFACE MIN. @ BBL/D MAX.

RECOVERY:

PRESS-URES	IHP	FHP	IFP	FFP	ISIP	FSIP

REMARKS INCLUDING: CEMENTING, LOGGING, PERFORATING, ACIDIZING, FRACTURING, PLUGS

FROM	TO	DESCRIPTION OF WORK
		wait on order.

DRILLER NO. HELPERS

FROM	TO	DESCRIPTION OF WORK
		wait on order.

DRILLER NO. HELPERS

FROM	TO	DESCRIPTION OF WORK
4	11.00	wait on order.
11.00	12.00	Rig up To Run Plug

DRILLER NO. HELPERS

52 - 8BAX4
REV. 2/71Δ

Hudson's Bay Oil and Gas Company Limited

DAILY DRILLERS REPORT

DATE Feb. 26/73

WELL NAME H.B. Amoco So Es River M-2
CONTRACTOR Bigfoot
RIG NO. 3
TYPE RIG Bucyrus No. 7
TOOL PUSHER L. Marshall
LDG. FLG. TO KB
K. B. ELEV.
GRD. ELEV.

CASING RECORD	DEPTH	SIZE	WEIGHT	GRADE	CEMENT	ADD.	PLUG DOWN

COMPANY SUPERVISOR: D. Simpson

	12 P.M. TO 8 A.M.	8 A.M. TO 4 P.M.	4 P.M. TO 12 P.M.
DEPTH	START / PROGRESS / END	START / PROGRESS / END	START / PROGRESS / END

BIT RECORD

NO.	SERIAL NO.	TYPE	SIZE	FROM	TO	FOOTAGE	HRS. RUN

DRILLING DATA

LINER SIZE	PUMP PRESSURE	TABLE SPEED	WEIGHT ON BIT

DRILLING STRING

SIZE	STANDS	SINGLES	DRILL COL	KELLY IN	CORE BBL.

MUD RECORD

TYPE OF MUD	WEIGHT	VIS	WL	PH	FC

ADDITIVES

CORING

NO.	FROM	TO	RECOVERED	FORMATION

SURVEY

DEG. AT FT. / DEG. AT FT. / DEG. AT FT.

DRILL STEM TESTS

NO. INTERVAL FORMATION
VALVE OPEN (MINS.) INITIAL SHUT-IN (MINS.) FINAL SHUT-IN (MINS.)
GAS TO SURFACE MIN. @ MCF/D MAX.
OIL TO SURFACE MIN. @ BBL/D MAX.
RECOVERY:
PRESS-URES IHP FHP IFP FFP ISIP FSIP

REMARKS INCLUDING:
CEMENTING
LOGGING
PERFORATING
ACIDIZING
FRACTURING
PLUGS

FROM	TO	DESCRIPTION OF WORK
		wait on orders
		8 men 8 hrs per day
		Boiler 24 hrs

DRILLER NO. HELPERS

52 - 88AX4
REV. 2/71Δ

Hudson's Bay Oil and Gas Company Limited

DAILY DRILLERS REPORT

DATE FEB. 25/73

WELL NAME H.B. AMOCO 56. IS. River M-2
CONTRACTOR Pigeat
RIG NO. 3
TYPE RIG Brewster N-7
TOOL PUSHER L. MacNeil
LDG. FLG. TO KB
K. B. ELEV.
GRD. ELEV.

CASING RECORD	DEPTH	SIZE	WEIGHT	GRADE	CEMENT	ADD.	PLUG DOWN

COMPANY SUPERVISOR

	12 P.M. TO 8 A.M.	8 A.M. TO 4 P.M.	4 P.M. TO 12 P.M.
DEPTH	START / PROGRESS / END	START / PROGRESS / END	START / PROGRESS / END

BIT RECORD

NO.	SERIAL NO.	TYPE	SIZE	FROM	TO	FOOTAGE	HRS. RUN

DRILLING DATA

LINER SIZE	PUMP PRESSURE	TABLE SPEED	WEIGHT ON BIT

DRILLING STRING

SIZE	STANDS	SINGLES	DRILL COL.	KELLY IN	CORE BBL.

MUD RECORD

TYPE OF MUD	WEIGHT	VIS	WL	PH	FC

ADDITIVES

CORING

NO.	FROM	TO	RECOVERED	FORMATION

SURVEY

DEG. AT FT. | DEG. AT FT. | DEG. AT FT.

DRILL STEM TESTS

NO. INTERVAL FORMATION
VALVE OPEN (MINS.) INITIAL SHUT-IN (MINS.) FINAL SHUT-IN (MINS.)
GAS TO SURFACE MIN. @ MCF/D MAX.
OIL TO SURFACE MIN. @ BBL/D MAX.
RECOVERY:

PRESS-URES	IHP	FHP	IFP	FFP	ISIP	FSIP

REMARKS INCLUDING:
CEMENTING
LOGGING
PERFORATING
ACIDIZING
FRACTURING
PLUGS

FROM	TO	DESCRIPTION OF WORK
		wait on order:
		8 Men. 8 Hrs
		Boiler 24

DRILLER NO. HELPERS

52 - 8BAX4
REV. 2/71Δ

Hudson's Bay Oil and Gas Company Limited

DAILY DRILLERS REPORT

DATE Feb 24/71

WELL NAME	H.B. Amoco So IS R M 52	LDG. FLG. TO KB	
CONTRACTOR	R.C.D.T.	TYPE RIG Brent N 1	K. B. ELEV.
RIG NO.	3	TOOL PUSHER L Marshall	GRD. ELEV.

CASING RECORD

DEPTH	SIZE	WEIGHT	GRADE	CEMENT	ADD.	PLUG DOWN

COMPANY SUPERVISOR: D Simpson

	12 P.M. TO 8 A.M.	8 A.M. TO 4 P.M.	4 P.M. TO 12 P.M.
DEPTH	START / PROGRESS / END	START / PROGRESS / END	START / PROGRESS / END

BIT RECORD

NO.	SERIAL NO.	TYPE	SIZE	FROM	TO	FOOTAGE	HRS. RUN

DRILLING DATA

LINER SIZE	PUMP PRESSURE	TABLE SPEED	WEIGHT ON BIT

DRILLING STRING

SIZE	STANDS	SINGLES	DRILL COL	KELLY IN	CORE BBL.

MUD RECORD

TYPE OF MUD	WEIGHT	VIS	WL	PH	FC

ADDITIVES

CORING

NO.	FROM	TO	RECOVERED	FORMATION

SURVEY

DEG. AT FT. / DEG. AT FT. / DEG. AT FT.

DRILL STEM TESTS

NO. INTERVAL FORMATION

VALVE OPEN (MINS.) INITIAL SHUT-IN (MINS.) FINAL SHUT-IN (MINS.)

GAS TO SURFACE MIN. @ MCF/D MAX.

OIL TO SURFACE MIN. @ BBL/D MAX.

RECOVERY:

PRESSURES	IHP	FHP	IFP	FFP	ISIP	FSIP

REMARKS INCLUDING:
CEMENTING
LOGGING
PERFORATING
ACIDIZING
FRACTURING
PLUGS

FROM	TO	DESCRIPTION OF WORK
		W.O. orders
		8 men 8 hrs
		Bailer 24 hrs

DRILLER NO. HELPERS

52 - 8BAX4
REV. 2/71△

Hudson's Bay Oil and Gas Company Limited

DAILY DRILLERS REPORT

DATE FEB 23

WELL NAME	H.B. Mocc. So Ts R. M.5W	LDG. FLG. TO KB	
CONTRACTOR	ReCert	TYPE RIG	Brewster No. 7
RIG NO.	3	TOOL PUSHER	Larochelle
		K. B. ELEV.	
		GRD. ELEV.	

CASING RECORD	DEPTH	SIZE	WEIGHT	GRADE	CEMENT	ADD.	PLUG DOWN

COMPANY SUPERVISOR: D. Lampard

	12 P.M. TO 8 A.M.	8 A.M. TO 4 P.M.	4 P.M. TO 12 P.M.
DEPTH	START / PROGRESS / END	START / PROGRESS / END	START / PROGRESS / END

BIT RECORD

	NO.	SERIAL NO.	TYPE	SIZE	FROM	TO	FOOTAGE	HRS. RUN
12 P.M. TO 8 A.M.								
8 A.M. TO 4 P.M.								
4 P.M. TO 12 P.M.								

DRILLING DATA

	LINER SIZE	PUMP PRESSURE	TABLE SPEED	WEIGHT ON BIT
12 P.M. TO 8 A.M.				
8 A.M. TO 4 P.M.				
4 P.M. TO 12 P.M.				

DRILLING STRING

	SIZE	STANDS	SINGLES	DRILL COL	KELLY IN	CORE BBL.
12 P.M. TO 8 A.M.						
8 A.M. TO 4 P.M.						
4 P.M. TO 12 P.M.						

MUD RECORD

	TYPE OF MUD	WEIGHT	VIS	WL	PH	FC
12 P.M. TO 8 A.M.						
8 A.M. TO 4 P.M.						
4 P.M. TO 12 P.M.						

ADDITIVES (12 P.M. TO 8 A.M.):

ADDITIVES (8 A.M. TO 4 P.M.): well making SALT WATER.

ADDITIVES (4 P.M. TO 12 P.M.):

CORING

	NO.	FROM	TO	RECOVERED	FORMATION
12 P.M. TO 8 A.M.					
8 A.M. TO 4 P.M.					
4 P.M. TO 12 P.M.					

SURVEY

	DEG. AT FT.	DEG. AT FT.	DEG. AT FT.
12 P.M. TO 8 A.M.			
8 A.M. TO 4 P.M.			
4 P.M. TO 12 P.M.			

DRILL STEM TESTS

	NO.	INTERVAL	FORMATION
12 P.M. TO 8 A.M.			
8 A.M. TO 4 P.M.			
4 P.M. TO 12 P.M.			

VALVE OPEN (MINS.) / INITIAL SHUT-IN (MINS.) / FINAL SHUT-IN (MINS.)

GAS TO SURFACE MIN. @ MCF/D MAX.

OIL TO SURFACE MIN. @ BBL/D MAX.

RECOVERY:

PRESSURES: IHP / FHP / IFP / FFP / ISIP / FSIP

REMARKS INCLUDING: CEMENTING, LOGGING, PERFORATING, ACIDIZING, FRACTURING, PLUGS

	FROM	TO	DESCRIPTION OF WORK
8 A.M. TO 4 P.M.	8.	9.30	Started Tearing out Rig
	9.30		Rig Re Hired, Rig up.
			8 men On Tour.

DRILLER / NO. HELPERS (12 P.M. TO 8 A.M.)

DRILLER / NO. HELPERS (8 A.M. TO 4 P.M.)

DRILLER / NO. HELPERS (4 P.M. TO 12 P.M.)

52 - 8BAX4
REV. 2/71

Hudson's Bay Oil and Gas Company Limited

DAILY DRILLERS REPORT

DATE Feb 22/73

WELL NAME	H.B. Amoco S.I.R. M52	LDG. FLG. TO KB	13
CONTRACTOR	Regent	TYPE RIG	Bronco #7
RIG NO.	3	TOOL PUSHER	L. MacHattie
		K. B. ELEV.	2269
		GRD. ELEV.	2256

CASING RECORD

DEPTH	SIZE	WEIGHT	GRADE	CEMENT	ADD.	PLUG ...

COMPANY SUPERVISOR K Limpert

	12 P.M. TO 8 A.M.	8 A.M. TO 4 P.M.	4 P.M. TO 12 P.M.
DEPTH	START	START	START

BIT RECORD

	PROGRESS							END								PROGRESS							END								PROGRESS							END						
NO.	SERIAL NO.	TYPE	SIZE	FROM	TO	FOOTAGE	HRS. RUN	NO.	SERIAL NO.	TYPE	SIZE	FROM	TO	FOOTAGE	HRS. RUN	NO.	SERIAL NO.	TYPE	SIZE	FROM	TO	FOOTAGE	HRS. RUN	NO.	SERIAL NO.	TYPE	SIZE	FROM	TO	FOOTAGE	HRS. RUN	NO.	SERIAL NO.	TYPE	SIZE	FROM	TO	FOOTAGE	HRS. RUN	NO.	SERIAL NO.	TYPE	SIZE	FROM	TO	FOOTAGE	HRS. RUN

DRILLING DATA

LINER SIZE	PUMP PRESSURE	TABLE SPEED	WEIGHT ON BIT	LINER SIZE	PUMP PRESSURE	TABLE SPEED	WEIGHT ON BIT	LINER SIZE	PUMP PRESSURE	TABLE SPEED	WEIGHT ON BIT

DRILLING STRING

SIZE	STANDS	SINGLES	DRILL COL.	KELLY IN	CORE BBL.	SIZE	STANDS	SINGLES	DRILL COL	KELLY IN	CORE BBL.	SIZE	STANDS	SINGLES	DRILL COL	KELLY IN	CORE BBL.

MUD RECORD

TYPE OF MUD	WEIGHT	VIS	WL	PH	FC	TYPE OF MUD	WEIGHT	VIS	WL	PH	FC	TYPE OF MUD	WEIGHT	VIS	WL	PH	FC
ADDITIVES 3/4 MCF Flow'd 35000						ADDITIVES						ADDITIVES					

CORING

NO.	FROM	TO	RECOVERED	FORMATION	NO.	FROM	TO	RECOVERED	FORMATION	NO.	FROM	TO	RECOVERED	FORMATION

SURVEY

DEG. AT	FT.	DEG. AT	FT.	DEG. AT	FT.	DEG. AT	FT.	DEG. AT	FT.	DEG. AT	FT.	DEG. AT	FT.	DEG. AT	FT.

DRILL STEM TESTS

	NO.	INTERVAL	FORMATION
	VALVE OPEN (MINS.)	INITIAL SHUT-IN (MINS.)	FINAL SHUT-IN (MINS.)
	GAS TO SURFACE	MIN. @	MCF/D MAX.
	OIL TO SURFACE	MIN. @	BBL/D MAX.
	RECOVERY:		
PRESSURES	IHP	FHP	IFP	FFP	ISIP	FSIP

	NO.	INTERVAL	FORMATION
	VALVE OPEN (MINS.)	INITIAL SHUT-IN (MINS.)	FINAL SHUT-IN (MINS.)
	GAS TO SURFACE	MIN. @	MCF/D MAX.
	OIL TO SURFACE	MIN. @	BBL/D MAX.
	RECOVERY:		
PRESSURES	IHP	FHP	IFP	FFP	ISIP	FSIP

	NO.	INTERVAL	FORMATION
	VALVE OPEN (MINS.)	INITIAL SHUT-IN (MINS.)	FINAL SHUT-IN (MINS.)
	GAS TO SURFACE	MIN. @	MCF/D MAX.
	OIL TO SURFACE	MIN. @	BBL/D MAX.
	RECOVERY:		
PRESSURES	IHP	FHP	IFP	FFP	ISIP	FSIP

REMARKS INCLUDING: CEMENTING, LOGGING, PERFORATING, ACIDIZING, FRACTURING, PLUGS

FROM	TO	DESCRIPTION OF WORK
12.	8.	Flowing well To Clean up

FROM	TO	DESCRIPTION OF WORK
1.00		Flowing well on Clean up.
		Daly Rig Released 1.00 P.M Feb. 22/73 K Limpert

FROM	TO	DESCRIPTION OF WORK
	12.	

DRILLER R. Roychuck NO. HELPERS

DRILLER J. Halabrisky NO. HELPERS

DRILLER NO. HELPERS

52 - 88AX4
REV 2/71

Hudson's Bay Oil and Gas Company Limited

DAILY DRILLERS REPORT

DATE FEB 21/73

WELL NAME: HUDSON BAY S. ISLAND RIVER M-52
CONTRACTOR: REGENT DRLG. TYPE RIG: BEWSTER
RIG NO.: 3 TOOL PUSHER: L. MARACHEL

LDG. FLG. TO KB
K. B. ELEV.
GRD. ELEV.

CASING RECORD	DEPTH	SIZE	WEIGHT	GRADE	CEMENT	ADD.	PLUG DOWN	COMPANY SUPERVISOR
	7080	5½	15.5 14	K55	790 1-2 Poz 8% Gel 200 a.w 2% D 65		6:45 PM FEB 18	

	12 P.M. TO 8 A.M.	8 A.M. TO 4 P.M.	4 P.M. TO 12
DEPTH	START / PROGRESS / END	START / PROGRESS / END	START / PROGRESS / END

BIT RECORD

NO.	SERIAL NO.	TYPE	SIZE	FROM	TO	FOOTAGE	HRS. RUN

DRILLING DATA

LINER SIZE	PUMP PRESSURE	TABLE SPEED	WEIGHT ON BIT

DRILLING STRING

SIZE	STANDS	SINGLES	DRILL COL	KELLY IN	CORE BBL.

MUD RECORD

TYPE OF MUD	WEIGHT	VIS	WL	PH	FC

ADDITIVES

ADDITIVES: Fluid Level @ 8 AM. 9.60.

CORING

NO.	FROM	TO	RECOVERED	FORMATION

SURVEY

DEG. AT FT. | DEG. AT FT. | DEG. AT FT.

DRILL STEM TESTS

NO. INTERVAL FORMATION
VALVE OPEN (MINS.) INITIAL SHUT-IN (MINS.) FINAL SHUT-IN (MINS.)
GAS TO SURFACE MIN. @ MCF/D MAX.
OIL TO SURFACE MIN. @ BBL/D MAX.
RECOVERY:
PRESS-URES IHP FHP IFP FFP ISIP FSIP

REMARKS INCLUDING: CEMENTING, LOGGING, PERFORATING, ACIDIZING, FRACTURING, PLUGS

FROM	TO	DESCRIPTION OF WORK
12:00	8:00	Run B.T.M Recorder wait on Day Lite

FROM	TO	DESCRIPTION OF WORK
4	9	Recover Recorders
9	1.30	Swab well w/ Bonnet w. Re line
1.30	3:00	Fish out Sinker Bars
3:00	4:00	Acidize well
		Pres. Lines Ect. 2000 P.S.I. Established Feed Rate of 1.4 B. Per min
		Pump. 24 BBL M.C.A. 15% Acid w/ Adr. 2900 P.S.I Displac:
		39.9. of H20 with Average 2800 P.S.I. over Flushed w/ 10 BBL H20
		Shut in For 15 min Bleed Back To 1400 P.S.I

FROM	TO	DESCRIPTION OF WORK
4	5:00	Fin. Acid. To B.
5	7:30	Swab well Down To 900'
7.30	12	well Flow. Cleaning up

DRILLER: Gary Christenson NO. HELPERS: 4
DRILLER: M. Boychuck NO. HELPERS: 4
DRILLER: Jim Halabisky NO. HELPERS: 2

52 - 8BAX4
REV. 2/71Δ

Hudson's Bay Oil and Gas Company Limited

DAILY DRILLER'S REPORT

DATE Feb 20

WELL NAME	HUDSON BAY AMOCO STEELAND RIVER M-52	LDG. FLG. TO KB	
CONTRACTOR	REGENT DRLG.	TYPE RIG	BEWSTER N.7
RIG NO.	3	TOOL PUSHER	L. MARACHEL
		K. B. ELEV.	
		GRD. ELEV.	

CASING RECORD	DEPTH	SIZE	WEIGHT	GRADE	CEMENT	ADD.	PLUG DOWN	COMPANY SUPERVISOR

12 P.M. TO 8 A.M.

DEPTH: START ____ PROGRESS ____ END ____

BIT RECORD

NO.	SERIAL NO.	TYPE	SIZE	FROM	TO	FOOTAGE	HRS. RUN

DRILLING DATA

LINER SIZE	PUMP PRESSURE	TABLE SPEED	WEIGHT ON BIT

DRILLING STRING

SIZE	STANDS	SINGLES	DRILL COL	KELLY IN	CORE BBL.

MUD RECORD

TYPE OF MUD	WEIGHT	VIS	WL	PH	FC

2⅞ TUBING STRING 1 JT 14 FT + 14,177 FT. PIPE 28 JT 28-6.5# J55 TUBING TOTAL 6871.
1 - SCAB ASS. + LATCH 1 MODEL W.D 5½ - 13.17 LB OTIS PERMENT PACKER SET AT 6880 W/
ADDITIVES 1 - 5.74 PUP 1 - 4.03 X NIPPLE TOTAL TAIL PIPE 28.85.

CORING

NO.	FROM	TO	RECOVERED	FORMATION

SURVEY: DEG. AT ____ FT. ____ DEG. AT ____ FT. ____ DEG. AT ____ FT.

DRILL STEM TESTS

NO. ____ INTERVAL ____ FORMATION ____

VALVE OPEN (MINS.) ____ INITIAL SHUT-IN (MINS.) ____ FINAL SHUT-IN (MINS.) ____

GAS TO SURFACE ____ MIN. ____ MCF/D MAX. ____

OIL TO SURFACE ____ MIN. ____ BBL/D MAX. ____

RECOVERY: ____

PRESSURES	IHP	FHP	IFP	FFP	ISIP	FSIP

REMARKS INCLUDING: CEMENTING, LOGGING, PERFORATING, ACIDIZING, FRACTURING, PLUGS

FROM	TO	DESCRIPTION OF WORK
12⁰⁰	12¹⁵	RIG SERV
12¹⁵	5⁰⁰	RUN 2⅞" TUBING. TAG BOTTOM, INSTALL PUP JOINTS. SET PACKER, INSTALL
5⁰⁰	8⁰⁰	WELLHEAD.

DRILLER Gary Christensen NO. HELPERS 4

8 A.M. TO 4 P.M.

DEPTH: START ____ PROGRESS ____ END ____

BIT RECORD

NO.	SERIAL NO.	TYPE	SIZE	FROM	TO	FOOTAGE	HRS. RUN

DRILLING DATA

LINER SIZE	PUMP PRESSURE	TABLE SPEED	WEIGHT ON BIT

DRILLING STRING

SIZE	STANDS	SINGLES	DRILL COL	KELLY IN	CORE BBL.

MUD RECORD

TYPE OF MUD	WEIGHT	VIS	WL	PH	FC

ADDITIVES 1 - 8.15' PER. PUP - 1 - 6.23' P - 6.19 PUP 1 - H NIPPLE 1.52.

CORING

NO.	FROM	TO	RECOVERED	FORMATION

SURVEY: DEG. AT ____ FT. ____ DEG. AT ____ FT. ____ DEG. AT ____ FT.

DRILL STEM TESTS

NO. ____ INTERVAL ____ FORMATION ____

VALVE OPEN (MINS.) ____ INITIAL SHUT-IN (MINS.) ____ FINAL SHUT-IN (MINS.) ____

GAS TO SURFACE ____ MIN. ____ MCF/D MAX. ____

OIL TO SURFACE ____ MIN. ____ BBL/D MAX. ____

RECOVERY: ____

PRESSURES	IHP	FHP	IFP	FFP	ISIP	FSIP

FROM	TO	DESCRIPTION OF WORK
8.		PRES. TEST ANULUS W/ 2000
	900	P.S.I
9.	200	SWAB WELL W/ OTIS
200		LOST SINKER BARS
		RUN IN OVERSHOT W/ WELEX
	400	HOOK ON TO FISH & PULL SOME.

DRILLER ____ NO. HELPERS ____

4 P.M. TO 12 P.M.

DEPTH: START ____ PROGRESS ____ END ____

BIT RECORD

NO.	SERIAL NO.	TYPE	SIZE	FROM	TO	FOOTAGE	HRS. RUN

DRILLING DATA

LINER SIZE	PUMP PRESSURE	TABLE SPEED	WEIGHT ON BIT

DRILLING STRING

SIZE	STANDS	SINGLES	DRILL COL	KELLY IN	CORE BBL.

MUD RECORD

TYPE OF MUD	WEIGHT	VIS	WL	PH	FC

ADDITIVES TOTAL 6871.

CORING

NO.	FROM	TO	RECOVERED	FORMATION

SURVEY: DEG. AT ____ FT. ____ DEG. AT ____ FT. ____ DEG. AT ____ FT.

DRILL STEM TESTS

NO. ____ INTERVAL ____ FORMATION ____

VALVE OPEN (MINS.) ____ INITIAL SHUT-IN (MINS.) ____ FINAL SHUT-IN (MINS.) ____

GAS TO SURFACE ____ MIN. ____ MCF/D MAX. ____

OIL TO SURFACE ____ MIN. ____ BBL/D MAX. ____

RECOVERY: ____

PRESSURES	IHP	FHP	IFP	FFP	ISIP	FSIP

FROM	TO	DESCRIPTION OF WORK
9.	600	FINISH OUT W/ FISH
6.	9.00	RUN IN TO PERF. W/ WELEX
9.	10.00	WELL OPEN 1 HR
10.		RUN B.T.A RECORDERS W/
	12.	BONNET WIRELINE
		PERF. FROM 6950-6980
		30'. 2 SHOT PER FT W/ 1⅛ L.J
		BY WELEX

DRILLER Jim Halabiosky NO. HELPERS 3

52 - 8BAX4
REV 2/71Δ

Hudson's Bay Oil and Gas Company Limited

DAILY DRILLERS' REPORT

DATE FEB 19

WELL NAME	HUDSON BAY AMOCO S. ISLAND RIVER M-52	LDG. FLG. TO KB	CASING RECORD	DEPTH	SIZE	WEIGHT	GRADE	CEMENT	ADD.	PLUG DOWN	COMPANY SUPERVISOR
CONTRACTOR	REGENT DRLG	TYPE RIG BEWSTER									D. Imgood
RIG NO.	3	TOOL PUSHER L. MARCHEL									
		GRD. ELEV.									

	12 P.M. TO 8 A.M.	8 A.M. TO 4 P.M.	4 P.M. TO 12 P.M.
DEPTH	START / PROGRESS / END	START / PROGRESS / END	START / PROGRESS / END

BIT RECORD

	NO.	SERIAL NO.	TYPE	SIZE	FROM	TO	FOOTAGE	HRS. RUN
12 P.M. TO 8 A.M.								
8 A.M. TO 4 P.M.								
4 P.M. TO 12 P.M.								

DRILLING DATA

	LINER SIZE	PUMP PRESSURE	TABLE SPEED	WEIGHT ON BIT
12 P.M. TO 8 A.M.				
8 A.M. TO 4 P.M.				
4 P.M. TO 12 P.M.				

DRILLING STRING

	SIZE	STANDS	SINGLES	DRILL COL.	KELLY IN	CORE BBL.
12 P.M. TO 8 A.M.						
8 A.M. TO 4 P.M.						
4 P.M. TO 12 P.M.						

MUD RECORD

	TYPE OF MUD	WEIGHT	VIS	WL	PH	FC
12 P.M. TO 8 A.M.						
8 A.M. TO 4 P.M.						
4 P.M. TO 12 P.M.						

ADDITIVES

CORING

	NO.	FROM	TO	RECOVERED	FORMATION
12 P.M. TO 8 A.M.					
8 A.M. TO 4 P.M.					
4 P.M. TO 12 P.M.					

SURVEY

	DEG. AT FT.	DEG. AT FT.	DEG. AT FT.
12 P.M. TO 8 A.M.			
8 A.M. TO 4 P.M.			
4 P.M. TO 12 P.M.			

DRILL STEM TESTS

	NO.	INTERVAL	FORMATION	VALVE OPEN (MINS.)	INITIAL SHUT-IN (MINS.)	FINAL SHUT-IN (MINS.)	GAS TO SURFACE	MIN. @	MCF/D MAX.	OIL TO SURFACE	MIN. @	BBL/D MAX.	RECOVERY:	PRESSURES	IHP	FHP	IFP	FFP	ISIP	FSIP
12 P.M. TO 8 A.M.																				
8 A.M. TO 4 P.M.																				
4 P.M. TO 12 P.M.																				

REMARKS INCLUDING: CEMENTING, LOGGING, PERFORATING, ACIDIZING, FRACTURING, PLUGS

12 P.M. TO 8 A.M.

FROM	TO	DESCRIPTION OF WORK
12⁰⁰	12¹⁵	RIG SERV.
12¹⁵		FINISH UNBOLTING B.O.P'S &
		LAY B.O.P'S DOWN - START TAKING
	2¹⁵	FLARE LINE APART.
2¹⁵		CUT 5½" Csg. INSTALL WELL
	5¹⁵	HEAD SPOOL.
5¹⁵		RIG TO RUN TUBING & TAKE
	8⁰⁰	PROTECTORS OFF, MEASURE
		TUBING.

DRILLER Gary Christensen NO. HELPERS 4

8 A.M. TO 4 P.M.

FROM	TO	DESCRIPTION OF WORK
8⁰⁰	4⁰⁰	DRAIN MUD TANKS.
		DRAIN PUMPS 1 & 2.
		MEASURE TUBING & WAIT ON
		WELDER

DRILLER Mike Boychuk NO. HELPERS 4

4 P.M. TO 12 P.M.

FROM	TO	DESCRIPTION OF WORK
4		RUN CARLATON LOG, 7030
	700	TO 6800
7	900	RUN GUAGE RING
9		SET model W.B. 5½/13.17 LB
	11	OTIS PERM. PACKER.
11	1200	RUN 2⅞ TUBING

DRILLER NO. HELPERS

52 - 8BAX4
REV 2/71Δ

Hudson's Bay Oil and Gas Company Limited

DAILY DRILLERS REPORT

DATE FEB 14/73

WELL NAME	H Rosco Bad Rnded S. Island River B-52 Bouster	LDG. FLG. TO KB	
CONTRACTOR		TYPE RIG	L MARACHEL
RIG NO.		TOOL PUSHER	
		K. B. ELEV.	
		GRD. ELEV.	

CASING RECORD	DEPTH	SIZE	WEIGHT	GRADE	CEMENT	ADD.	PLUG DOWN	COMPANY SUPERVISOR
	912	10¾			700 1-2 Pozz 4% Gel 200 0-1 with 2% D 8			K Gilmore
	7080	5½	15.5 14.	J55				

	12 P.M. TO 8 A.M.	8 A.M. TO 4 P.M.	4 P.M. TO 12 P.M. R TaR e R.
DEPTH	START PROGRESS END 7080	START PROGRESS END	START 7080 PROGRESS END

BIT RECORD

NO.	SERIAL NO.	TYPE	SIZE	FROM	TO	FOOTAGE	HRS. RUN

Ran 49 Jts 15.5 # 126 Jts 14, 1B 5½ J55 Tot Csg with Float Collar & Float Shoe. Total 7102.10 Connected up 290-1-2 Pozz 4% Gel Tailed By 200 0-1 with 2% D 8. Landed @ 7080 Plug Down @ 615 FEB 14/73

DRILLING DATA

LINER SIZE	PUMP PRESSURE	TABLE SPEED	WEIGHT ON BIT

DRILLING STRING

SIZE	STANDS	SINGLES	DRILL COL	KELLY IN	CORE BBL.

MUD RECORD

TYPE OF MUD	WEIGHT	VIS	WL	PH	FC

ADDITIVES

CORING

NO.	FROM	TO	RECOVERED	FORMATION

SURVEY

DEG. AT FT. | DEG. AT FT. | DEG. AT FT.

DRILL STEM TESTS

NO. INTERVAL FORMATION

VALVE OPEN (MINS.) INITIAL SHUT-IN (MINS.) FINAL SHUT-IN (MINS.)

GAS TO SURFACE MIN. @ MCF/D MAX.

OIL TO SURFACE MIN. @ BBL/D MAX.

RECOVERY:

PRESS-URES	IHP	FHP	IFP	FFP	ISIP	FSIP

REMARKS INCLUDING: CEMENTING LOGGING PERFORATING ACIDIZING FRACTURING PLUGS

FROM	TO	DESCRIPTION OF WORK
1200	215	Run Csg.
215	800	Head Up & Break Circ.
		W.O Bulk Cement Truck.
800	300	Wait on Cement Bulk Truck
		Broke Front Axle
300	400	Rig up To Cement
400	530	Cement Csg.
530	615	Displace Plug.
615	1200	Set slips & Tear out B.O.Ps

DRILLER Gary Christensen NO. HELPERS 4

DRILLER Mike Boychuk NO. HELPERS 4

DRILLER Jim Halaburky NO. HELPERS 3

52 - 8BAX4
REV 2/71Δ

Hudson's Bay Oil and Gas Company Limited

DAILY DRILLERS REPORT

DATE Feb 17/73

WELL NAME	Hudson Bay Amoco S. Island River M-52	LDG. FLG. TO KB	
CONTRACTOR	Regent Dlrg	TYPE RIG	Bewster
RIG NO.	3	TOOL PUSHER	L Marchel
		K. B. ELEV.	
		GRD. ELEV.	

CASING RECORD

DEPTH	SIZE	WEIGHT	GRADE	CEMENT	ADD.	PLUG DOWN	COMPANY SUPERVISOR
912	10 3/4						

	12 P.M. TO 8 A.M.	8 A.M. TO 4 P.M.	4 P.M. TO 12 P.M.
DEPTH	START 7 — PROGRESS — END 7080	START — PROGRESS — END	START — PROGRESS — END

BIT RECORD

NO.	SERIAL NO.	TYPE	SIZE	FROM	TO	FOOTAGE	HRS. RUN

DRILLING DATA

LINER SIZE	PUMP PRESSURE	TABLE SPEED	WEIGHT ON BIT

DRILLING STRING

SIZE	STANDS	SINGLES	DRILL COL.	KELLY IN	CORE BBL.

MUD RECORD

TYPE OF MUD	WEIGHT	VIS	WL	PH	FC

ADDITIVES

CORING

NO.	FROM	TO	RECOVERED	FORMATION

SURVEY

DEG. AT FT. | DEG. AT FT. | DEG. AT FT.

DRILL STEM TESTS

NO. INTERVAL FORMATION

VALVE OPEN (MINS.) INITIAL SHUT-IN (MINS.) FINAL SHUT-IN (MINS.)

GAS TO SURFACE MIN. @ MCF/D MAX.

OIL TO SURFACE MIN. @ BBL/D MAX.

RECOVERY:

PRESSURES: IHP FHP IFP FFP ISIP FSIP

REMARKS INCLUDING: CEMENTING, LOGGING, PERFORATING, ACIDIZING, FRACTURING, PLUGS

FROM	TO	DESCRIPTION OF WORK
1200	800	Wait on Csg.
400	800	Lay Down D. P.
800	400	Lay Down Drill Pipe & Collar
400		Break Kelly Install 5½ Rams
	300	& check work O.K.
300	100	Unload Pipe Rig up Run Csg.
400		Rig up to run Casing &
	1200	Run Casing

DRILLER Gary Christenson NO. HELPERS 4

DRILLER Mitch Boychuk NO. HELPERS 4 good man

DRILLER Jim Halabisky NO. HELPERS 3

52 - 8BAX4
REV. 2/71

Hudson's Bay Oil and Gas Company Limited

DAILY DRILLERS REPORT

DATE Feb. 16/73

WELL NAME Hudson Bay Amoco S. Island River M-52	LDG. FLG. TO KB	CASING RECORD	DEPTH	SIZE	WEIGHT	GRADE	CEMENT	ADD.	PLUG DOWN	COMPANY SUPERVISOR
CONTRACTOR Regent Drilling. TYPE RIG Bewster N-7	K. B. ELEV.		912	10 3/4						
RIG NO. 3 TOOL PUSHER L. Marachel	GRD. ELEV.									

	12 P.M. TO 8 A.M.	8 A.M. TO 4 P.M.	4 P.M. TO 12 P.M.
DEPTH	START PROGRESS END 7080	START PROGRESS END 7080	START PROGRESS END

BIT RECORD

NO.	SERIAL NO.	TYPE	SIZE	FROM	TO	FOOTAGE	HRS. RUN

DRILLING DATA

LINER SIZE	PUMP PRESSURE	TABLE SPEED	WEIGHT ON BIT

DRILLING STRING

SIZE	STANDS	SINGLES	DRILL COL.	KELLY IN	CORE BBL.

MUD RECORD

TYPE OF MUD	WEIGHT	VIS	WL	PH	FC

ADDITIVES

CORING

NO.	FROM	TO	RECOVERED	FORMATION

SURVEY

DEG. AT FT. | DEG. AT FT. | DEG. AT FT.

DRILL STEM TESTS

NO. INTERVAL FORMATION

VALVE OPEN (MINS.) INITIAL SHUT-IN (MINS.) FINAL SHUT-IN (MINS.)

GAS TO SURFACE MIN. @ MCF/D MAX.

OIL TO SURFACE MIN. @ BBL/D MAX.

RECOVERY:

PRESSURES IHP FHP IFP FFP ISIP FSIP

REMARKS INCLUDING: CEMENTING, LOGGING, PERFORATING, ACIDIZING, FRACTURING, PLUGS

FROM	TO	DESCRIPTION OF WORK
1200	800	W.O.O. - C.S.G.

DRILLER Gary Christenson NO. HELPERS 4

FROM	TO	DESCRIPTION OF WORK
800	400	W.O. Csg

DRILLER M. A. Boychuk NO. HELPERS 4

FROM	TO	DESCRIPTION OF WORK
400	1200	W.O. Csg.

DRILLER Gary Christenson NO. HELPERS 4

52 - 8BAX4
REV. 2/71Δ

Hudson's Bay Oil and Gas Company Limited

DAILY DRILLERS REPORT

DATE Feb 15 - 1/73

WELL NAME	HUDSON BAY AMOCO S. ISLAND RIVER M-52	LDG. FLG. TO KB	
CONTRACTOR	REGENT DRILLING	TYPE RIG BEWSTER N-7	K. B. ELEV.
RIG NO.	3	TOOL PUSHER L. MARACHEL	GRD. ELEV.

CASING RECORD	DEPTH	SIZE	WEIGHT	GRADE	CEMENT	ADD.	PLUG DOWN	COMPANY SUPERVISOR
	912	10¾						[illegible]

	12 P.M. TO 8 A.M.	8 A.M. TO 4 P.M.	4 P.M. TO 12 P.M.
DEPTH	START 7080 PROGRESS — END 7080	START PROGRESS END 7080	START PROGRESS END 7080

BIT RECORD

NO.	SERIAL NO.	TYPE	SIZE	FROM	TO	FOOTAGE	HRS. RUN
#13	49588	XDV	8¾	7080			

DRILLING DATA

LINER SIZE	PUMP PRESSURE	TABLE SPEED	WEIGHT ON BIT

DRILLING STRING

SIZE	STANDS	SINGLES	DRILL COL.	KELLY IN	CORE BBL.
4½	68	637692	23	19.56	

MUD RECORD

TYPE OF MUD	WEIGHT	VIS	WL	PH	FC
GEL-BENEX	9.2	185	6.8	9.5	

ADDITIVES SAWDUST 45 SKS.

TYPE OF MUD	WEIGHT	VIS	WL	PH	FC
	9.2	190	6.8	9.5	3-

ADDITIVES GEL 22 SK.

TYPE OF MUD	WEIGHT	VIS	WL	PH	FC
GEL-BENEX	9.2	185	6.6	9.	2-

ADDITIVES GEL-2400# CAUSTIC 50#

CORING

NO.	FROM	TO	RECOVERED	FORMATION

SURVEY 2¾ DEG. AT 7080 FT. DEG. AT FT. DEG. AT FT.

DRILL STEM TESTS

NO. INTERVAL FORMATION

VALVE OPEN (MINS.) INITIAL SHUT-IN (MINS.) FINAL SHUT-IN (MINS.)

GAS TO SURFACE MIN. " MCF/D MAX.

OIL TO SURFACE MIN. " BBL/D MAX.

RECOVERY:

PRESSURES IHP FHP IFP FFP ISIP FSIP

REMARKS INCLUDING: CEMENTING LOGGING PERFORATING ACIDIZING FRACTURING PLUGS

FROM	TO	DESCRIPTION OF WORK
1200	130	LOGGING W/SCHLUMBERGER
130	445	TRIP IN - FROST PLUGS IN 18 STANDS
445	500	BREAK CIRC. 4 STANDS OFF BOTTOM
500	515	FINISH TRIP IN.
515	800	CIRC. COND. HOLE
Log Ran By SCHLUMBERGER. Dual Induction Laterolog From 7079 To 912. 2" scale. Detailed From 7079 To 6800 - 5" scale. Gamma Ray Borehole Compensated Sonic 7079 To 912 - 2" scale. Detailed 7079 To 6800 - 5" scale. Compensated Formation Density Log + Sidewall Neutron Porosity Log From 7079 To 6800.		
DRILLER Gary Christenson NO. HELPERS 4		

FROM	TO	DESCRIPTION OF WORK
800	400	W.O.O.
DRILLER M. Jobchuk NO. HELPERS 4		

FROM	TO	DESCRIPTION OF WORK
400	1200	W.O.O.
DRILLER Gary Christenson NO. HELPERS 4		

52 - 8BAX4
REV. 2/71

Hudson's Bay Oil and Gas Company Limited

DAILY DRILLERS REPORT

DATE FEB 4/73

WELL NAME Hudson Bay Amoco S. Island R. M-52
CONTRACTOR Regent Drlg.
RIG NO. 3
TYPE RIG Bewster
TOOL PUSHER L. Marachel
LDG. FLG. TO KB
K. B. ELEV.
GRD. ELEV.

CASING RECORD	DEPTH	SIZE	WEIGHT	GRADE	CEMENT	ADD.	PLUG DOWN
	912	10 3/4					

COMPANY SUPERVISOR

	12 P.M. TO 8 A.M.	8 A.M. TO 4 P.M.	4 P.M. TO 12 P.M.
DEPTH	START 7010 PROGRESS 70 END 7080	START 7080 PROGRESS END	START PROGRESS END

BIT RECORD

NO.	SERIAL NO.	TYPE	SIZE	FROM	TO	FOOTAGE	HRS. RUN
13	49588	XDV	8 3/4	6963	7080	117	8 1/2

DRILLING DATA

	LINER SIZE	PUMP PRESSURE	TABLE SPEED	WEIGHT ON BIT
12 P.M. TO 8 A.M.	5 1/2	725	74	45/50
8 A.M. TO 4 P.M.				
4 P.M. TO 12 P.M.				

DRILLING STRING

	SIZE	STANDS	SINGLES	DRILL COL	KELLY IN	CORE BBL.
12 P.M. TO 8 A.M.						
8 A.M. TO 4 P.M.						
4 P.M. TO 12 P.M.						

MUD RECORD

	TYPE OF MUD	WEIGHT	VIS	WL	PH	FC
12 P.M. TO 8 A.M.	Gel-Benex	9.2	180	6.8	9.5	
8 A.M. TO 4 P.M.						
4 P.M. TO 12 P.M.						

ADDITIVES (12 P.M. TO 8 A.M.): Gel-2000# Sawdust-90 SKS Cane Fibre-10 SK Caustic 100#
ADDITIVES (8 A.M. TO 4 P.M.):
ADDITIVES (4 P.M. TO 12 P.M.):

CORING

	NO.	FROM	TO	RECOVERED	FORMATION
12 P.M. TO 8 A.M.					
8 A.M. TO 4 P.M.					
4 P.M. TO 12 P.M.					

SURVEY

	DEG. AT	FT.	DEG. AT	FT.	DEG. AT	FT.
12 P.M. TO 8 A.M.						
8 A.M. TO 4 P.M.						
4 P.M. TO 12 P.M.						

DRILL STEM TESTS

	NO.	INTERVAL	FORMATION	VALVE OPEN (MINS.)	INITIAL SHUT-IN (MINS.)	FINAL SHUT-IN (MINS.)	GAS TO SURFACE	MIN. @	MCF/D MAX.	OIL TO SURFACE	MIN. @	BBL/D MAX.	RECOVERY:	PRESSURES	IHP	FHP	IFP	FFP	ISIP	FSIP
12 P.M. TO 8 A.M.																				
8 A.M. TO 4 P.M.																				
4 P.M. TO 12 P.M.																				

REMARKS INCLUDING: CEMENTING, LOGGING, PERFORATING, ACIDIZING, FRACTURING, PLUGS

	FROM	TO	DESCRIPTION OF WORK
12 P.M. TO 8 A.M.	1200	145	DRLG 8 3/4" HOLE.
	145	200	RIG SERV. & CHECK B.O.P.S
	200	315	DRLG 8 3/4" HOLE.
	315	600	CIRC COND HOLE
	600	700	DUMMY TRIP 5 STANDS
	700	800	CIRC. COND HOLE.
8 A.M. TO 4 P.M.	800	1000	Circ Cond Mud
	1000	130	Pull out of hole
	130	300	Wait on log Truck
	300	400	Pick up logging Tool & Log
4 P.M. TO 12 P.M.	400		Logging

DRILLER Gary Christenson NO. HELPERS 4
DRILLER Mike Boychuk NO. HELPERS 4 good men
DRILLER NO. HELPERS 4

52 - 8BAX4
REV. 2471△

Hudson's Bay Oil and Gas Company Limited

DAILY DRILLERS REPORT

DATE Feb 13/73

WELL NAME	Hudson Bay Amoco S. Island K. M-52	LDG. FLG. TO KB	13.20
CONTRACTOR	Regent Drilling	K. B. ELEV.	2213
RIG NO.	3	GRD. ELEV.	2200
TYPE RIG	Brewster N-7	TOOL PUSHER	Lynch

CASING RECORD	DEPTH	SIZE	WEIGHT	GRADE	CEMENT	ADD.	PLUG DOWN	COMPANY SUPERVISOR
	912'	10¾"						K Lynch

	12 P.M. TO 8 A.M.	8 A.M. TO 4 P.M.	4 P.M. TO 12 P.M.
DEPTH	START / PROGRESS / END	START / PROGRESS / END	START 6980 PROGRESS 30 END 7010

BIT RECORD

NO.	SERIAL NO.	TYPE	SIZE	FROM	TO	FOOTAGE	HRS. RUN
12	119588	ADV	8¾	6963	7010	47	5½

DRILLING DATA

LINER SIZE	PUMP PRESSURE	TABLE SPEED	WEIGHT ON BIT

DRILLING STRING

SIZE	STANDS	SINGLES	DRILL COL.	KELLY IN	CORE BBL.
4½	67		23	41	

MUD RECORD

TYPE OF MUD	WEIGHT	VIS	WL	PH	FC

ADDITIVES 3000# Gel
50# C.M.C.

ADDITIVES

ADDITIVES GEL - 22 sk's

CORING

NO.	FROM	TO	RECOVERED	FORMATION

SURVEY

DEG. AT FT. / DEG. AT FT. / DEG. AT FT.

DRILL STEM TESTS

NO. / INTERVAL / FORMATION

VALVE OPEN (MINS.) / INITIAL SHUT-IN (MINS.) / FINAL SHUT-IN (MINS.)

GAS TO SURFACE / MIN. " / MCF/D MAX.

OIL TO SURFACE / MIN. " / BBL/D MAX.

RECOVERY:

PRESSURES: IHP / FHP / IFP / FFP / ISIP / FSIP

REMARKS INCLUDING: CEMENTING, LOGGING, PERFORATING, ACIDIZING, FRACTURING, PLUGS

FROM	TO	DESCRIPTION OF WORK
12⁰⁰	1¹⁵	Pull out of hole
1¹⁵		Thaw standpipe & break off
	2¹⁵	Kelly hose
2¹⁵	8⁰⁰	Pull out of hole
8⁰⁰	10³⁰	TRIP OUT W/TEST TOOLS
10³⁰	10⁴⁵	RIG SERV & CHECK B.O.P.'S
10⁴⁵		BREAK DOWN & SERV. TEST TOOLS
	1⁴⁵	& LOAD OUT
1⁴⁵	4⁰⁰	CHANGE KELLY HOSE (UNTHRAW KELLY & BLOW W/STEAM.
4⁰⁰	4³⁰	PUT Kelly hose on
4³⁰	8³⁰	RUN IN hole
8³⁰	9⁰⁰	Work on Pump
9⁰⁰	9³⁰	Circ Bim hole
9³⁰	12⁰⁰	Drill

DRILLER Jim Halabisky NO. HELPERS 4

DRILLER Gary Christensen NO. HELPERS 3½

DRILLER M. Tech Boychuk NO. HELPERS 4

52 - 8BAX4
REV 2/71

Hudson's Bay Oil and Gas Company Limited

DAILY DRILLERS REPORT

DATE February 12/73

WELL NAME Hudson Bay Amoco S. Island River M-52		LDG. FLG. TO KB 12.20	CASING RECORD	DEPTH	SIZE	WEIGHT	GRADE	CEMENT	ADD.	PLUG DOWN	COMPANY SUPERVISOR
CONTRACTOR Regent Drilling	TYPE RIG Brewster N-7	K. B. ELEV. 2213		912'	10¾"						
RIG NO. 3	TOOL PUSHER	GRD. ELEV. 2200									

	12 P.M. TO 8 A.M.	8 A.M. TO 4 P.M.	4 P.M. TO 12 P.M.
DEPTH	START	START	START
	PROGRESS	PROGRESS	PROGRESS
	END	END	END 6980

BIT RECORD

NO.	SERIAL NO.	TYPE	SIZE	FROM	TO	FOOTAGE	HRS. RUN

DRILLING DATA

LINER SIZE	PUMP PRESSURE	TABLE SPEED	WEIGHT ON BIT

DRILLING STRING

SIZE	STANDS	SINGLES	DRILL COL	KELLY IN	CORE BBL.

MUD RECORD

TYPE OF MUD	WEIGHT	VIS	WL	PH	FC
Gel-Benex	9.4	180			

ADDITIVES Water
Gel - 3000# C.M.C. 50#
Sawdust ~~125~~ Core Tubes 10

CORING

NO.	FROM	TO	RECOVERED	FORMATION

SURVEY

DEG. AT	FT.	DEG. AT	FT.	DEG. AT	FT.

DRILL STEM TESTS

NO. / INTERVAL 6950-6980 / FORMATION Shaunavon

VALVE OPEN (MINS.) 60 / INITIAL SHUT-IN (MINS.) 30 / FINAL SHUT-IN (MINS.) 60

GAS TO SURFACE / MIN. / 4000.000 MCF/D MAX.

OIL TO SURFACE / MIN. / BBL/D MAX.

RECOVERY: 1205 FT. Drlg mud.

PRESS-URES	IHP	FHP	IFP	FFP	ISIP	FSIP
	3434	3240	760	613	2257	1193

REMARKS INCLUDING: CEMENTING, LOGGING, PERFORATING, ACIDIZING, FRACTURING, PLUGS

FROM	TO	DESCRIPTION OF WORK
12 00	12 30	Condition mud (circulate)
12 30	1 30	Dummy trip 5 stands
1 30	1 45	Service rig & check b.o.p.
1 45	2 00	Repair 2" Cameron on fill up line
2 00	5 30	Circ. to cond. hole for test
5 30	8 00	Strap out of hole

FROM	TO	DESCRIPTION OF WORK
8 00	8 15	Rig Serv. & Check B.O.P's
8 15	9 45	Strap out of Hole
9 45	10 30	Air line to throttle control froze
10 30	11 00	Trip out
11 00	11 30	W.O. Breakout line
11 30	12 15	Trip out - Lay down Shock Sub.
12 15	2 30	Pickup & Make up testing Tools
2 30	4 00	Trip in w/ testing tools.

FROM	TO	DESCRIPTION OF WORK
4 00	6 00	Run in hole @ Test Tool
6 00	12 00	Rig up Test Tool Pulling out of hole

DRILLER Jim Halabisky NO. HELPERS 4

DRILLER Gary Christensen NO. HELPERS 4.

DRILLER Mitch Boychuk NO. HELPERS 4

52 - 8BAX4
REV 2/71Δ

Hudson's Bay Oil and Gas Company Limited

DAILY DRILLERS REPORT

DATE February 11/73

WELL NAME	Hudson Bay Amoco S. Island Rivers M-52	LDG. FLG. TO KB	13.20'
CONTRACTOR	Regent Drilling	TYPE RIG	Brewster N-7
RIG NO.	3	TOOL PUSHER	L. Marechal
		K. B. ELEV.	2213'
		GRD. ELEV.	2200'

CASING RECORD	DEPTH	SIZE	WEIGHT	GRADE	CEMENT	ADD.	PLUG DOWN	COMPANY SUPERVISOR
	912'	10 3/4"						

	12 P.M. TO 8 A.M.	8 A.M. TO 4 P.M.	4 P.M. TO 12 P.M.
DEPTH	START 6876' PROGRESS 52' END 6928'	START 6928 PROGRESS 35 END 6963	START 6963 PROGRESS 17 END 6980

BIT RECORD

	NO.	SERIAL NO.	TYPE	SIZE	FROM	TO	FOOTAGE	HRS. RUN
12 P.M. TO 8 A.M.	12	49585	XDV	8 3/4	6799'	6928'	129'	19 1/4
8 A.M. TO 4 P.M.	12	49585	XDV	8 3/4	6799	6963	164	23 3/4
4 P.M. TO 12 P.M.	13	49588	XDV	8 3/4	6963	6980	17	1

DRILLING DATA

	LINER SIZE	PUMP PRESSURE	TABLE SPEED	WEIGHT ON BIT
12 P.M. TO 8 A.M.	5 1/2"	750	77	40 - 50
8 A.M. TO 4 P.M.	5 1/2	750	77	45/50
4 P.M. TO 12 P.M.	5 1/2	1000	72	

DRILLING STRING

	SIZE	STANDS	SINGLES	DRILL COL	KELLY IN	CORE BBL.
12 P.M. TO 8 A.M.	4 1/2"	66	1	674.32 (23)	15.00	
8 A.M. TO 4 P.M.	4 1/2	66	2	23	1737	
4 P.M. TO 12 P.M.	4 1/2	66	2	23	[illegible]	

MUD RECORD

	TYPE OF MUD	WEIGHT	VIS	WL	PH	FC
12 P.M. TO 8 A.M.	Gel-Benex	9.6	70-75	8.0	9.5	2/32
8 A.M. TO 4 P.M.	GEL & BENEX	9.6	82	6.6	9.5	
4 P.M. TO 12 P.M.						

ADDITIVES (12 P.M. TO 8 A.M.): Gel-2000# - C.M.C.-50# Caustic-100# - Benex-8# - Water

ADDITIVES (8 A.M. TO 4 P.M.): 1" H20

ADDITIVES (4 P.M. TO 12 P.M.): GEL 40 sks BENEX 2 sks

CORING

	NO.	FROM	TO	RECOVERED	FORMATION
12 P.M. TO 8 A.M.					
8 A.M. TO 4 P.M.					
4 P.M. TO 12 P.M.					

SURVEY

	DEG. AT FT.	DEG. AT FT.	DEG. AT FT.
12 P.M. TO 8 A.M.			
8 A.M. TO 4 P.M.			
4 P.M. TO 12 P.M.			

DRILL STEM TESTS

	12 P.M. TO 8 A.M.	8 A.M. TO 4 P.M.	4 P.M. TO 12 P.M.
NO.			
INTERVAL			
FORMATION			
VALVE OPEN (MINS.)			
INITIAL SHUT-IN (MINS.)			
FINAL SHUT-IN (MINS.)			
GAS TO SURFACE	MIN. @ MCF/D MAX.	MIN. @ MCF/D MAX.	MIN. @ MCF/D MAX.
OIL TO SURFACE	MIN. @ BBL/D MAX.	MIN. @ BBL/D MAX.	MIN. @ BBL/D MAX.
RECOVERY:			
PRESSURES	IHP FHP IFP FFP ISIP FSIP	IHP FHP IFP FFP ISIP FSIP	IHP FHP IFP FFP IS.P FSIP

REMARKS INCLUDING: CEMENTING, LOGGING, PERFORATING, ACIDIZING, FRACTURING, PLUGS

FROM	TO	DESCRIPTION OF WORK
12 00	3 00	Drilling 8 3/4" hole
3 00	3 15	Servicing & check 4 1/2" rams and kelly cock
3 15	8 00	Drilling 8 3/4" hole

FROM	TO	DESCRIPTION OF WORK
8 00	11 30	DRLG. 8 3/4" HOLE.
11 30	11 45	RIG SERV. & CHECK B.O.P'S
11 45	12 45	DRLG. 8 3/4' HOLE.
12 45	1 15	CIRC. DROP SURVEY & PUMP DOWN.
1 15	4 00	TRIP OUT.

FROM	TO	DESCRIPTION OF WORK
4 00	5 15	FINNISH PULL OUT OF HOLE
5 15	5 30	CHANGE B.T check BLIND RAMS.
5 30	7 00	RUN IN HOLE
7 00	8 15	CLEAN TO BTM 28 FEET
8 15	9 15	Drill.
9 15		Circ Sample up
	12 00	Condition Mude

DRILLER Jim Halabisky NO. HELPERS 4

DRILLER Gary Christensen NO. HELPERS 4

DRILLER M. Tchir Boychuk NO. HELPERS 4

52 - 8BAX4
REV. 2/71Δ

Hudson's Bay Oil and Gas Company Limited

DAILY DRILLERS REPORT

DATE February 10/73

WELL NAME Hudson Bay Amoco S. Island River M-52
CONTRACTOR Regent Drilling — TYPE RIG Brewster A-7
RIG NO. 3 — TOOL PUSHER L. Marechal

LDG. FLG. TO KB 13.20
K. B. ELEV. 2213
GRD. ELEV. 2200

CASING RECORD	DEPTH	SIZE	WEIGHT	GRADE	CEMENT	ADD.	PLUG DOWN	COMPANY SUPERVISOR
	912	10 3/4						D. Simpson

	12 P.M. TO 8 A.M.	8 A.M. TO 4 P.M.	4 P.M. TO 12 P.M.
DEPTH	START 6799 PROGRESS END	START 6799 PROGRESS 27 END 6826	START 6826 PROGRESS 50 END 6876

BIT RECORD

NO.	SERIAL NO.	TYPE	SIZE	FROM	TO	FOOTAGE	HRS. RUN
12	49585	XDV	8 3/4				

NO.	SERIAL NO.	TYPE	SIZE	FROM	TO	FOOTAGE	HRS. RUN
#12	49585	XDV	8 3/4	6799	6826	27	3 1/2

NO.	SERIAL NO.	TYPE	SIZE	FROM	TO	FOOTAGE	HRS. RUN
12	49585	XDV	8 3/4	6799	6876	77	11 1/2

DRILLING DATA

LINER SIZE	PUMP PRESSURE	TABLE SPEED	WEIGHT ON BIT

LINER SIZE	PUMP PRESSURE	TABLE SPEED	WEIGHT ON BIT
5 1/2	700	105	25/30

LINER SIZE	PUMP PRESSURE	TABLE SPEED	WEIGHT ON BIT
5 1/2	650	105/72	30/45

DRILLING STRING

SIZE	STANDS	SINGLES	DRILL COL	KELLY IN	CORE BBL.

SIZE	STANDS	SINGLES	DRILL COL	KELLY IN	CORE BBL.
4 1/2	65		23	36.54	

SIZE	STANDS	SINGLES	DRILL COL	KELLY IN	CORE BBL
4 1/2	65	2	23	23.21	

MUD RECORD

TYPE OF MUD	WEIGHT	VIS	WL	PH	FC

ADDITIVES

TYPE OF MUD	WEIGHT	VIS	WL	PH	FC
Gel & Benex	9.8	70	8.1	9.5	

ADDITIVES H20-2" Lazy Stream
Gel 2000# Benex 4 sacks Caustic 50#

TYPE OF MUD	WEIGHT	VIS	WL	PH	FC
Gel + Benex	9.7	78	7.4	10.0	2/32

ADDITIVES WATER
50 SKS. Gel 10 SKS. Benex
100 lbs Caustic Soda

CORING

NO.	FROM	TO	RECOVERED	FORMATION

NO.	FROM	TO	RECOVERED	FORMATION

NO.	FROM	TO	RECOVERED	FORMATION

SURVEY

DEG. AT	FT.	DEG. AT	FT.	DEG. AT	FT.

DEG. AT	FT.	DEG. AT	FT.	DEG. AT	FT.

DEG. AT	FT.	DEG. AT	FT.	DEG. AT	FT.

DRILL STEM TESTS

NO. INTERVAL FORMATION
VALVE OPEN (MINS.) INITIAL SHUT-IN (MINS.) FINAL SHUT-IN (MINS.)
GAS TO SURFACE MIN. @ MCF/D MAX.
OIL TO SURFACE MIN. @ BBL/D MAX.
RECOVERY:
PRESSURES IHP FHP IFP FFP ISIP FSIP

NO. INTERVAL FORMATION
VALVE OPEN (MINS.) INITIAL SHUT-IN (MINS.) FINAL SHUT-IN (MINS.)
GAS TO SURFACE MIN. @ MCF/D MAX.
OIL TO SURFACE MIN. @ BBL/D MAX.
RECOVERY:
PRESSURES IHP FHP IFP FFP ISIP FSIP

NO. INTERVAL FORMATION
VALVE OPEN (MINS.) INITIAL SHUT-IN (MINS.) FINAL SHUT-IN (MINS.)
GAS TO SURFACE MIN. @ MCF/D MAX.
OIL TO SURFACE MIN. @ BBL/D MAX.
RECOVERY:
PRESSURES IHP FHP IFP FFP ISIP FSIP

REMARKS INCLUDING: CEMENTING, LOGGING, PERFORATING, ACIDIZING, FRACTURING, PLUGS

FROM	TO	DESCRIPTION OF WORK
12 00	2 15	Pull out of hole @ bit # 11
2 15	2 30	Service Rig & Check Blind Rams
2 30	6 30	Run in @ bit #12 (very windy)
6 30	8 00	Pick up kelly, break circ. & ream from 6540'

DRILLER Jim Habbick NO. HELPERS 4

FROM	TO	DESCRIPTION OF WORK
8 00	12 15	Ream & Clean Hole 250'
12 15	12 30	Rig Serv. & Check B.O.P's
12 30	4 00	Drlg. 8 3/4" Hole

DRILLER Gary Winterton NO. HELPERS 4

FROM	TO	DESCRIPTION OF WORK
4:00	12:00	Drill 8 3/4" Hole

DRILLER Matt Baychuk NO. HELPERS 4

52 - 8BAX4
REV. 2/71

Hudson's Bay Oil and Gas Company Limited

DAILY DRILLERS REPORT

DATE Feb 9/73

WELL NAME Hudson Bay Amoco S. Indian River M-52
CONTRACTOR Regent Drilling Ltd. TYPE RIG Brewster N-7
RIG NO. 3 TOOL PUSHER L Marcel

LDG. FLG. TO KB 13.20
K. B. ELEV. 2213
GRD. ELEV. 2200

CASING RECORD	DEPTH	SIZE	WEIGHT	GRADE	CEMENT	ADD.	PLUG DOWN	COMPANY SUPERVISOR
	912'	10¾"						D. Simpson

	12 P.M. TO 8 A.M.	8 A.M. TO 4 P.M.	4 P.M. TO 12 P.M.
DEPTH	START 6582' PROGRESS 66' END 6648'	START 6648 PROGRESS 82 END 6730	START 6730 PROGRESS 69 END 6799

BIT RECORD

	NO.	SERIAL NO.	TYPE	SIZE	FROM	TO	FOOTAGE	HRS. RUN
12 P.M. TO 8 A.M.	11	49511	X1G	8¾	6443'	6648'	205	18¼
8 A.M. TO 4 P.M.	11	49511	X1G	8¾	6443	6730	287	23½
4 P.M. TO 12 P.M.	11	49511	X1G	8¾	6443	6799	356	29¼

DRILLING DATA

	LINER SIZE	PUMP PRESSURE	TABLE SPEED	WEIGHT ON BIT
12 P.M. TO 8 A.M.	5½" x 16"	1400	105	25 - 35
8 A.M. TO 4 P.M.	5½	1400	105	25/30
4 P.M. TO 12 P.M.	5½	1400	105	25

DRILLING STRING

	SIZE	STANDS	SINGLES	DRILL COL.	KELLY IN	CORE BBL.
12 P.M. TO 8 A.M.	4½"	63	1	23	13'	
8 A.M. TO 4 P.M.	4½	64	—	23	32.16	
4 P.M. TO 12 P.M.	4½		2	23		

MUD RECORD

	TYPE OF MUD	WEIGHT	VIS	WL	PH	FC
12 P.M. TO 8 A.M.	~~Gel Benex~~	9.6	65-70		9.5	
8 A.M. TO 4 P.M.	Gel - Benex	9.7	70	6.8	9.5	
4 P.M. TO 12 P.M.		9.6	70	7.0	10.5	2/32

ADDITIVES (12 P.M. TO 8 A.M.): Gel - 2500#; Benex - 10#; Caustic - 50#

ADDITIVES (8 A.M. TO 4 P.M.): CMC REG - 50# GEL - 2600#; BENEX - 5 SKS.; CAUSTIC - 100#; 2" STREAM H20

ADDITIVES (4 P.M. TO 12 P.M.): CMC 100; GEL 40 sks; BEN-EX 8 sks; CAUSTIC 50 lb.

CORING

NO.	FROM	TO	RECOVERED	FORMATION

SURVEY

12 P.M. TO 8 A.M.	2½ DEG. AT 6540' FT.	DEG. AT	FT.	LEG. AT	FT.	
8 A.M. TO 4 P.M.	3° DEG. AT 6708 FT.	DEG. AT	FT.	DEG. AT	FT.	
4 P.M. TO 12 P.M.	DEG. AT	FT.	DEG. AT	FT.	DEG. AT	FT.

DRILL STEM TESTS

	NO.	INTERVAL	FORMATION	VALVE OPEN (MINS.)	INITIAL SHUT-IN (MINS.)	FINAL SHUT-IN (MINS.)	GAS TO SURFACE	MIN.	MCF/D MAX.	OIL TO SURFACE	MIN.	BBL/D MAX.	RECOVERY:	PRESSURES	IHP	FHP	IFP	FFP	ISIP	FSIP
12 P.M. TO 8 A.M.																				
8 A.M. TO 4 P.M.																				
4 P.M. TO 12 P.M.																				

REMARKS INCLUDING: CEMENTING, LOGGING, PERFORATING, ACIDIZING, FRACTURING, PLUGS

FROM	TO	DESCRIPTION OF WORK
12 00	12 45	Run survey @ 6540' (40' off btm)
12 45	1 00	Service rig & check B.O.Ps
1 00	1 30	Repair 4" Cameron valve on mud man.
1 30	3 00	Drilling 8¾" hole
3 00	4 15	Work on #1 pump & mud manifold
4 15	8 00	Drilling 8¾" hole

FROM	TO	DESCRIPTION OF WORK
8 00	9 45	DRLG 8¾" HOLE.
9 45	11 00	CIRC. & RUN SURVEY @ 6676
11 00	12 45	DRLG. 8¾" HOLE.
12 45	2 15	CIRC. & RUN SURVEY @ 6708
2 15	4 00	DRLG 8¾" HOLE

FROM	TO	DESCRIPTION OF WORK
4 00	9 45	DRILL
9 45	10 15	DROPPED TOTCO & CIRC
10 15	12 00	PULL OUT OF HOLE B.T #11
		TIGHT HOLE 5 STD OF BTM.

DRILLER Jim Halabisky NO. HELPERS 3

DRILLER Gary Christensen NO. HELPERS 3½

DRILLER Mike Baychuk NO. HELPERS 4

88AX4
V 2/71

Hudson's Bay Oil and Gas Company Limited

DAILY DRILLERS REPORT

DATE Feb. 8/73

WELL NAME Hudson Bay Amoco S. Island River M-52
CONTRACTOR Regent Drilling — TYPE RIG Brewster N-7
RIG NO. 3 — TOOL PUSHER L Maschal

LDG. FLG. TO KB 13.20'
K. B. ELEV. 2213'
GRD. ELEV. 2200'

CASING RECORD	DEPTH	SIZE	WEIGHT	GRADE	CEMENT	ADD.	PLUG DOWN	COMPANY SUPERVISOR
	912	10¾						

	12 P.M. TO 8 A.M.	8 A.M. TO 4 P.M.	4 P.M. TO 12 P.M.
DEPTH	START — PROGRESS — END 6443	START 6443 PROGRESS 66 END 6509	START 6509 PROGRESS 73 END 6582

BIT RECORD

NO.	SERIAL NO.	TYPE	SIZE	FROM	TO	FOOTAGE	HRS. RUN
10	49575	X1G	8¾	6117'	6443'	326'	13½
11	49511	X1G	8¾	6443'			

NO.	SERIAL NO.	TYPE	SIZE	FROM	TO	FOOTAGE	HRS. RUN
#11	49511	X1G	8¾	6443	6509	66	6½

NO.	SERIAL NO.	TYPE	SIZE	FROM	TO	FOOTAGE	HRS. RUN
11	49511	X1G	8¾	6443	6582	139	13.

DRILLING DATA

12 P.M. TO 8 A.M.			
LINER SIZE	PUMP PRESSURE	TABLE SPEED	WEIGHT ON BIT
5½" x 16"			

8 A.M. TO 4 P.M.			
LINER SIZE	PUMP PRESSURE	TABLE SPEED	WEIGHT ON BIT
5½	1400	72	20/25

4 P.M. TO 12 P.M.			
LINER SIZE	PUMP PRESSURE	TABLE SPEED	WEIGHT ON BIT
5½	1400	105/72	35/

DRILLING STRING

12 P.M. TO 8 A.M.					
SIZE	STANDS	SINGLES	DRILL COL	KELLY IN	CORE BBL.
4½"	61		23	37.35	

8 A.M. TO 4 P.M.					
SIZE	STANDS	SINGLES	DRILL COL	KELLY IN	CORE BBL.
4½	61	2	23	30.08	

4 P.M. TO 12 P.M.					
SIZE	STANDS	SINGLES	DRILL COL	KELLY IN	CORE BBL.

MUD RECORD

12 P.M. TO 8 A.M.					
TYPE OF MUD	WEIGHT	VIS	WL	PH	FC

ADDITIVES Lgd 1000#
L.M.L (1 can) 25#
wt material 500#

8 A.M. TO 4 P.M.					
TYPE OF MUD	WEIGHT	VIS	WL	PH	FC
GEL & BENEX	9.6	80	7.6	9.5	

ADDITIVES CAUSTIC 50#

4 P.M. TO 12 P.M.					
TYPE OF MUD	WEIGHT	VIS	WL	PH	FC

ADDITIVES Gel 20 sks
BENNEX 4 SKS.
Water

CORING

12 P.M. TO 8 A.M.				
NO.	FROM	TO	RECOVERED	FORMATION

8 A.M. TO 4 P.M.				
NO.	FROM	TO	RECOVERED	FORMATION

4 P.M. TO 12 P.M.				
NO	FROM	TO	RECOVERED	FORMATION

SURVEY

12 P.M. TO 8 A.M.	8 A.M. TO 4 P.M.	4 P.M. TO 12 P.M.
DEG. AT FT. — DEG. AT FT. — DEG. AT FT.	DEG. AT FT. — DEG. AT FT. — DEG. AT FT.	DEG. AT FT. — DEG. AT FT. — DEG. AT FT.

DRILL STEM TESTS

12 P.M. TO 8 A.M.			
NO.	INTERVAL	FORMATION	
VALVE OPEN (MINS.)	INITIAL SHUT-IN (MINS.)	FINAL SHUT-IN (MINS.)	
GAS TO SURFACE	MIN. @	MCF/D MAX.	
OIL TO SURFACE	MIN. @	BBL/D MAX.	
RECOVERY:			
PRESSURES	IHP	FHP	IFP FFP ISIP FSIP

8 A.M. TO 4 P.M.			
NO.	INTERVAL	FORMATION	
VALVE OPEN (MINS.)	INITIAL SHUT-IN (MINS.)	FINAL SHUT-IN (MINS.)	
GAS TO SURFACE	MIN. @	MCF/D MAX.	
OIL TO SURFACE	MIN. @	BBL/D MAX.	
RECOVERY.			
PRESSURES	IHP	FHP	IFP FFP ISIP FSIP

4 P.M. TO 12 P.M.			
NO.	INTERVAL	FORMATION	
VALVE OPEN (MINS.)	INITIAL SHUT-IN (MINS.)	FINAL SHUT-IN (MINS.)	
GAS TO SURFACE	MIN. @	MCF/D MAX.	
OIL TO SURFACE	MIN. @	BBL/D MAX.	
RECOVERY.			
PRESSURES	IHP	FHP	IFP FFP ISIP FSIP

REMARKS INCLUDING: CEMENTING, LOGGING, PERFORATING, ACIDIZING, FRACTURING, PLUGS

12 P.M. TO 8 A.M.		
FROM	TO	DESCRIPTION OF WORK
12 00	12 30	Circulate to condition mud & hole
12 30	1 00	Drop survey
1 00	1 15	Blow kelly & strap out of hole
1 15	1 45	work on boiler
1 45	5 45	strap out of hole
5 45	6 00	Service rig & check blind rams
6 00	8 00	Change bits & run in @ bit #11
		measured out O.K.

DRILLER Jim Habisheb — NO. HELPERS 3

8 A.M. TO 4 P.M.		
FROM	TO	DESCRIPTION OF WORK
8 00	8 15	RIG SERV. & CHECK B.O.P'S
8 15	9 15	TRIP IN W/BIT #11
9 15	9 30	BREAK CIRC. & CLEAN TO BOTTOM
9 30	4 00	DRLG. 8 3/4" HOLE.

DRILLER Gary Christenson — NO. HELPERS 4

4 P.M. TO 12 P.M.		
FROM	TO	DESCRIPTION OF WORK
4 00	4 30	Drill
4 30	5 30	Circ & Toto
5 30	11 30	Drill
11 30	12 00	Circ & Toto

DRILLER Mick Boychuk — NO. HELPERS 3

52 - 8BAX4
REV 2/71

Hudson's Bay Oil and Gas Company Limited

DAILY DRILLERS REPORT

DATE Feb. 7/73

WELL NAME	Hudson Bay Amoco S. Zeland R. M-52	LDG. FLG. TO KB	13.20'	CASING RECORD	DEPTH	SIZE	WEIGHT	GRADE	CEMENT	ADD.	PLUG DOWN	COMPANY SUPERVISOR
CONTRACTOR	Regent Drilling	TYPE RIG	Brewster N-7									
RIG NO.	3	TOOL PUSHER	Prospect	K. B. ELEV.	2213'							
				GRD. ELEV.	2200'	912	10 3/4	32.75	H-40	600	2% C.C.	

	12 P.M. TO 8 A.M.	8 A.M. TO 4 P.M.	4 P.M. TO 12 P.M.
DEPTH	START 6117' PROGRESS 33 END 6150'	START 6150 PROGRESS 140 END 6290	START 6290 PROGRESS 153 END 6443

BIT RECORD

NO.	SERIAL NO.	TYPE	SIZE	FROM	TO	FOOTAGE	HRS. RUN
10	49575	X1G	8 3/4"	6117'	6150'	33	1 1/2
#10	49575	X1G	8 3/4"	6117	6290	173	7 1/4
#10	49575	X1G	8 3/4	6117	6443	326	13 1/2

DRILLING DATA

LINER SIZE	PUMP PRESSURE	TABLE SPEED	WEIGHT ON BIT
5 1/2" x 16"	1400	105	40 - 45
5 1/2	1400	105	40/45
5 1/2	1400	105	40/45

DRILLING STRING

SIZE	STANDS	SINGLES	DRILL COL	KELLY IN	CORE BBL.
4 1/2"	58		23	27.	
4 1/2	61		23	27.35	

MUD RECORD

TYPE OF MUD	WEIGHT	VIS	WL	PH	FC
Gel-Benex	9.6	70			
Gel & Benex	9.6	60	7.2	9.5	
Gel & Benex	9.6	72	7.4	9.5	

ADDITIVES

ADDITIVES Gel-2700# Caustic-150# Benex 5sks.

ADDITIVES Gel-2400 Caustic-50 Benex 3SKS Low Vis C.M.C.-50LB.

CORING

NO.	FROM	TO	RECOVERED	FORMATION

SURVEY

DEG. AT	FT.	DEG. AT	FT.	DEG. AT	FT.
2° DEG. AT	6361 FT.	DEG. AT	FT.	DEG. AT	FT.

DRILL STEM TESTS

NO.	INTERVAL	FORMATION

VALVE OPEN (MINS.) | INITIAL SHUT-IN (MINS.) | FINAL SHUT-IN (MINS.)

GAS TO SURFACE | MIN. @ | MCF/D MAX.

OIL TO SURFACE | MIN. @ | BBL/D MAX.

RECOVERY:

PRESS-URES | IHP | FHP | IFP | FFP | ISIP | FSIP

REMARKS INCLUDING: CEMENTING, LOGGING, PERFORATING, ACIDIZING, FRACTURING, PLUGS

FROM	TO	DESCRIPTION OF WORK
12 00	1 15	Finish pulling out of hole
1 15	1 30	Lay [illegible] & blind rams
1 30	2 15	C[illegible] in drill collars
2 15	3 15	[illegible] line (46')
3 15	3 45	Repair [illegible] shifter
3 45	5 45	Run in [illegible] drill pipe
5 45		Pick up [illegible] circulation
	6 30	[illegible] to bottom
6 30	8 00	Drilling 8 3/4" hole
8 00	8 15	Rig Serv. & Check Pipe Rams - 4 1/2.
8 15	9 00	Replace 2" Cameron Valve on Fillup Line
9 00	11 15	Drlg. 8 3/4" Hole.
11 15	12 00	Tear Out #1 Floor Motor.
12 00	1 00	Drlg. 8 3/4" Hole.
1 00	1 30	Pick-up & Install-New #1 Motor.
1 30	4 00	Drlg. 8 3/4" Hole
4 00	4 30	Rig Serv. & Board-Conservation Check
4 30	7 00	Drlg. 8 3/4" Hole.
7 00	7 15	Circ & Clean Hole - To Survey
7 15	7 45	Survey @ 6361
7 45	11 30	Drlg. 8 3/4" Hole.
11 30	12 00	Circ. Cond. Mud & Hole.

DRILLER Jim Habicky NO. HELPERS 3

DRILLER NO. HELPERS

DRILLER Gary Christensen NO. HELPERS 4

52 - 8BAX4
REV. 2/71

Hudson's Bay Oil and Gas Company Limited

DAILY DRILLERS REPORT

DATE Feb. 6/73

WELL NAME Hudson Bay Dome S. Island Plain M-59
CONTRACTOR TYPE RIG Bruster N-7
RIG NO. Keyont Drlg. 3 TOOL PUSHER

LDG. FLG. TO KB 13.20'
K. B. ELEV. 2213'
GRD. ELEV. 2200'

CASING RECORD	DEPTH	SIZE	WEIGHT	GRADE	CEMENT	ADD.	PLUG DOWN	COMPANY SUPERVISOR
	912	10 3/4						

	12 P.M. TO 8 A.M.	8 A.M. TO 4 P.M.	4 P.M. TO 12 P.M.
DEPTH	START PROGRESS END	START 5856 PROGRESS 144 END 6000	START 6000 PROGRESS 117 END 6117

BIT RECORD

	NO.	SERIAL NO.	TYPE	SIZE	FROM	TO	FOOTAGE	HRS. RUN
12 P.M. TO 8 A.M.	9	49472	X1G	8 3/4	5837	5856	19	3/4
8 A.M. TO 4 P.M.	#9	49472	X1G	8 3/4	5837	6000	163	7
4 P.M. TO 12 P.M.	#9	49472	X1G	8 3/4	5837	6117	280	11 1/2

DRILLING DATA

	LINER SIZE	PUMP PRESSURE	TABLE SPEED	WEIGHT ON BIT
12 P.M. TO 8 A.M.	5 1/2" x 16"	1500	105	40-45
8 A.M. TO 4 P.M.	5 1/2	1400	105	40/45
4 P.M. TO 12 P.M.	5 1/2	1400	105	45

DRILLING STRING

	SIZE	STANDS	SINGLES	DRILL COL.	KELLY IN	CORE BBL.
12 P.M. TO 8 A.M.	4 1/2"	54	2	23	41	
8 A.M. TO 4 P.M.	4 1/2"	56	1	23	27.04	
4 P.M. TO 12 P.M.	4 1/2	57	2	23	1769	

MUD RECORD

	TYPE OF MUD	WEIGHT	VIS	WL	PH	FC
8 A.M. TO 4 P.M.	GEL & BENEX	9.6	70	6.9	9.5	

ADDITIVES (12 P.M. TO 8 A.M.)

ADDITIVES (8 A.M. TO 4 P.M.) GEL 1600# BENEX 3 SAX CAUSTIC 150#

ADDITIVES (4 P.M. TO 12 P.M.) CMC-HI VIS. 25# GEL 3000# BENEX 6 SKS. CMC REG. 50# CAUSTIC 150#

CORING

	NO.	FROM	TO	RECOVERED	FORMATION
12 P.M. TO 8 A.M.					
8 A.M. TO 4 P.M.					
4 P.M. TO 12 P.M.					

SURVEY

12 P.M. TO 8 A.M.	1/4 DEG. AT 5835 FT.	DEG. AT FT.	DEG. AT FT.	DEG. AT FT.
8 A.M. TO 4 P.M.	DEG. AT FT.	DEG. AT FT.	DEG. AT FT.	DEG. AT FT.
4 P.M. TO 12 P.M.	1° DEG. AT 6077 FT.	DEG. AT FT.	DEG. AT FT.	DEG. AT FT.

DRILL STEM TESTS

	NO.	INTERVAL	FORMATION
12 P.M. TO 8 A.M.			
8 A.M. TO 4 P.M.			
4 P.M. TO 12 P.M.			

VALVE OPEN (MINS.) / INITIAL SHUT-IN (MINS.) / FINAL SHUT-IN (MINS.)

GAS TO SURFACE MIN. @ MCF/D MAX.

OIL TO SURFACE MIN. @ BBL/D MAX.

RECOVERY:

PRESSURES: IHP FHP IFP FFP ISIP FSIP

REMARKS INCLUDING: CEMENTING, LOGGING, PERFORATING, ACIDIZING, FRACTURING, PLUGS

	FROM	TO	DESCRIPTION OF WORK
12 P.M. TO 8 A.M.	12 00	1 15	Finish pulling out of hole
	1 15	1 30	Service rig & check blind rams
	1 30	2 00	Work on #2 air compressor
	2 00	3 00	Run in w/ bit #9 (slow)
	3 00	3 30	Repair drum clutch control
	3 30	4 45	Run in slow-tite 22 & 10 std. off stm.
	4 45	7 15	Pick up kelly, break circulation and ream from 5200 - 5300' run in - 15' fill
	7 15	8 00	Drilling 8 3/4" hole
8 A.M. TO 4 P.M.	8 00	8 15	Rig Serv. & Check H2 Drl
	8 15	1 30	Drlg. 8 3/4" Hole
	1 30	3 00	Dummy Trip - 8 stands 2 singles
	3 00	4 00	Drlg 8 3/4" Hole
4 P.M. TO 12 P.M.	4 00	6 45	Drlg 8 3/4" Hole
	6 45	7 00	Circ. & Clean Hole - For Survey
	7 00	7 30	Rig Survey @ 6077 (Rig Serv.)
	7 30	9 15	Drlg 8 3/4" Hole.
	9 15	10 00	Circ. Cond. Mud & Hole
	10 00	12 00	Blow Kelly & Trip Out.

DRILLER Jim Holubesky NO. HELPERS 3

DRILLER NO. HELPERS

DRILLER Gary Christensen NO. HELPERS 4

52 - 8BAX4
REV. 3/71

Hudson's Bay Oil and Gas Company Limited

DAILY DRILLERS REPORT

DATE FEB 5 '73

WELL NAME H.B. AMOCO M-52
CONTRACTOR RIGGAT — TYPE RIG BRANTLE N7
RIG NO. 3 — TOOL PUSHER

LDG. FLG. TO KB 13.20'
K. B. ELEV. 2213'
GRD. ELEV. 2200'

CASING RECORD	DEPTH	SIZE	WEIGHT	GRADE	CEMENT	ADD.	PLUG DOWN	COMPANY SUPERVISOR
	912	10¾						

12 P.M. TO 8 A.M.

DEPTH: START 5666 — PROGRESS 14 — END 5680

BIT RECORD

NO.	SERIAL NO.	TYPE	SIZE	FROM	TO	FOOTAGE	HRS. RUN
8	149537	X-9	8¾	5600	5680	80	5¼

DRILLING DATA

LINER SIZE	PUMP PRESSURE	TABLE SPEED	WEIGHT ON BIT
5½	1400	105	45

DRILLING STRING

SIZE	STANDS	SINGLES	DRILL COL.	KELLY IN	CORE BBL.

MUD RECORD

TYPE OF MUD	WEIGHT	VIS	WL	PH	FC

ADDITIVES

CORING

NO.	FROM	TO	RECOVERED	FORMATION

SURVEY: DEG. AT FT. | DEG. AT FT. | DEG. AT FT.

DRILL STEM TESTS

NO. INTERVAL FORMATION
VALVE OPEN (MINS.) INITIAL SHUT-IN (MINS.) FINAL SHUT-IN (MINS.)
GAS TO SURFACE MIN. @ MCF/D MAX.
OIL TO SURFACE MIN. @ BBL/D MAX.
RECOVERY:
PRESSURES IHP FHP IFP FFP ISIP FSIP

REMARKS INCLUDING: CEMENTING, LOGGING, PERFORATING, ACIDIZING, FRACTURING, PLUGS

FROM	TO	DESCRIPTION OF WORK
12⁰⁰		Pull out of hole to find washed out Drill Collar & Collar from BTM
	0⁵³⁰	
3³⁰	4⁰⁰	Work on Pump
4⁰⁰		Lay down washed collar
	6⁴⁵	Run in hole
6⁴⁵	7¹⁵	Clean to BTM 30 feet
9¹⁵	8³⁰	Drill

DRILLER M. A. Bayshuk — NO. HELPERS 4

8 A.M. TO 4 P.M.

DEPTH: START 5680' — PROGRESS 100' — END 5780'

BIT RECORD

NO.	SERIAL NO.	TYPE	SIZE	FROM	TO	FOOTAGE	HRS. RUN
8	149537	X-16	8¾	5600'	5780'	180'	12

DRILLING DATA

LINER SIZE	PUMP PRESSURE	TABLE SPEED	WEIGHT ON BIT
5½"×16"	1400	105	45-50

DRILLING STRING

SIZE	STANDS	SINGLES	DRILL COL.	KELLY IN	CORE BBL.
4½"	54		23	28'	

MUD RECORD

TYPE OF MUD	WEIGHT	VIS	WL	PH	FC
Lyte-Benex					

ADDITIVES
Lyte - 1000#
Benex 4#
Caustic 100#

CORING

NO.	FROM	TO	RECOVERED	FORMATION

SURVEY: 7/8 DEG. AT 5690 FT. | DEG. AT FT. | DEG. AT FT.

DRILL STEM TESTS

NO. INTERVAL FORMATION
VALVE OPEN (MINS.) INITIAL SHUT-IN (MINS.) FINAL SHUT-IN (MINS.)
GAS TO SURFACE MIN. @ MCF/D MAX.
OIL TO SURFACE MIN. @ BBL/D MAX.
RECOVERY:
PRESSURES IHP FHP IFP FFP ISIP FSIP

FROM	TO	DESCRIPTION OF WORK
8⁰⁰	9¹⁵	Drilling → 8¾" hole
9¹⁵	9³⁰	Service rig & check kelly cock
9³⁰	11¹⁵	Run survey @ 5690' - Pull 4"
11¹⁵	12¹⁵	'L' back on mud manifold.
		Drilling 8¾" hole
12¹⁵	4⁰⁰	Drilling 8¾" hole

DRILLER Jim Holabishy — NO. HELPERS 4

4 P.M. TO 12 P.M.

DEPTH: START 5780 — PROGRESS 57 — END 5837

BIT RECORD

NO.	SERIAL NO.	TYPE	SIZE	FROM	TO	FOOTAGE	HRS. RUN
8	149537	X-16	8¾	5600	5837	237	16¼

DRILLING DATA

LINER SIZE	PUMP PRESSURE	TABLE SPEED	WEIGHT ON BIT
5½	1400	105	45/50

DRILLING STRING

SIZE	STANDS	SINGLES	DRILL COL.	KELLY IN	CORE BBL.
4½	54	2	23	22.50	

MUD RECORD

TYPE OF MUD	WEIGHT	VIS	WL	PH	FC
GEL & BENEX	9.6	56		9.5	

ADDITIVES GEL 3000# CAUSTIC 150#
BENEX 6SK CMC HI VIS 25#

CORING

NO.	FROM	TO	RECOVERED	FORMATION

SURVEY: DEG. AT FT. | DEG. AT FT. | DEG. AT FT.

DRILL STEM TESTS

NO. INTERVAL FORMATION
VALVE OPEN (MINS.) INITIAL SHUT-IN (MINS.) FINAL SHUT-IN (MINS.)
GAS TO SURFACE MIN. @ MCF/D MAX.
OIL TO SURFACE MIN. @ BBL/D MAX.
RECOVERY
PRESSURES IHP FHP IFP FFP ISIP FSIP

FROM	TO	DESCRIPTION OF WORK
4⁰⁰	5⁰⁰	DRLG. 8¾" HOLE
5⁰⁰	5¹⁵	RIG SERV. & CHECK B.O.P.'S / REPLACE BRUSHING ROLLER
5¹⁵	8³⁰	DRLG. 8¾" HOLE
8³⁰	9¹⁵	CIRC. COND. MUD & HOLE - DROP TOTCO
9¹⁵	10⁴⁵	TRIP OUT - WET 24 STDS BLOW KELLY
10⁴⁵	11⁰⁰	BREAK CIRC.
11⁰⁰	12⁰⁰	TRIP OUT. AFTER BLOWING KELLY

DRILLER G. Christensen — NO. HELPERS 4

52 - 8BAX4
REV. 2/71

Hudson's Bay Oil and Gas Company Limited

DAILY DRILLERS REPORT

DATE Feb. 4/73

WELL NAME Hudson Bay Amoco Mrs 2
CONTRACTOR Regent Drlg TYPE RIG Brewster
RIG NO. 3 TOOL PUSHER

LDG. FLG. TO KB 13.20'
K. B. ELEV. 2213'
GRD. ELEV. 2200'

CASING RECORD	DEPTH	SIZE	WEIGHT	GRADE	CEMENT	ADD.	PLUG DOWN	COMPANY SUPERVISOR
	912	10 3/4						K Fraser

12 P.M. TO 8 A.M.

DEPTH START 5571 PROGRESS END

BIT RECORD

NO.	SERIAL NO.	TYPE	SIZE	FROM	TO	FOOTAGE	HRS. RUN
7	48662	x3A	8 3/4	5416.			

DRILLING DATA

LINER SIZE	PUMP PRESSURE	TABLE SPEED	WEIGHT ON BIT
5 1/2	1200	105	45

DRILLING STRING

SIZE	STANDS	SINGLES	DRILL COL	KELLY IN	CORE BBL.
4 1/2	5	2	24	37.5'	

MUD RECORD

TYPE OF MUD	WEIGHT	VIS	WL	PH	FC
			24		

ADDITIVES

CORING

NO	FROM	TO	RECOVERED	FORMATION

SURVEY DEG. AT FT. DEG. AT FT. DEG. AT FT.

DRILL STEM TESTS

NO. INTERVAL FORMATION
VALVE OPEN (MINS.) INITIAL SHUT-IN (MINS.) FINAL SHUT-IN (MINS.)
GAS TO SURFACE MIN. " MCF/D MAX.
OIL TO SURFACE MIN. " BBL/D MAX.
RECOVERY:
PRESSURES IHP FHP IFP FFP ISIP FSIP

REMARKS INCLUDING: CEMENTING LOGGING PERFORATING ACIDIZING FRACTURING PLUGS

FROM	TO	DESCRIPTION OF WORK
12 00	5 00	DRILL 8 3/4 hole
5 00	5 30	DROPPED
5 30	8 00	Pull out of hole B.I.no7

DRILLER M. A. Boychuk NO. HELPERS 3

8 A.M. TO 4 P.M.

START 5600 PROGRESS END

BIT RECORD

NO.	SERIAL NO.	TYPE	SIZE	FROM	TO	FOOTAGE	HRS. RUN
8	49537	X16	8 3/4	5600			

DRILLING DATA

LINER SIZE	PUMP PRESSURE	TABLE SPEED	WEIGHT ON BIT

DRILLING STRING

SIZE	STANDS	SINGLES	DRILL COL	KELLY IN	CORE BBL.

MUD RECORD

TYPE OF MUD	WEIGHT	VIS	WL	PH	FC

ADDITIVES

CORING

NO	FROM	TO	RECOVERED	FORMATION

SURVEY DEG. AT FT. DEG. AT FT. DEG. AT FT.

DRILL STEM TESTS

NO. INTERVAL FORMATION
VALVE OPEN (MINS.) INITIAL SHUT-IN (MINS.) FINAL SHUT-IN (MINS.)
GAS TO SURFACE MIN. " MCF/D MAX.
OIL TO SURFACE MIN. " BBL/D MAX.
RECOVERY:
PRESSURES IHP FHP IFP FFP ISIP FSIP

FROM	TO	DESCRIPTION OF WORK
8 00	8 15	Service rig & check blind rams
8 15	10	Jak 4" L out of mud manifold, change
	10 00	load in D-5004 Jack rotary table back
10 00	10 45	Run in drill collars
10 45	12 00	Pick up kelly & work on bushings
12 00	1 45	Run in drill pipe (slow)
1 45		Pick up kelly, break circulation
		& ream from 5220' - 5320'
	4 00	Run in & clean 25' to btm.

DRILLER Jim Halabishop NO. HELPERS 5

4 P.M. TO 12 P.M.

START 5600 PROGRESS 66 END 5666

BIT RECORD

NO.	SERIAL NO.	TYPE	SIZE	FROM	TO	FOOTAGE	HRS. RUN
8	49537	X1G	8 3/4	5600	5666	66	4 1/2

DRILLING DATA

LINER SIZE	PUMP PRESSURE	TABLE SPEED	WEIGHT ON BIT
5 1/2	1400	100	40/45

DRILLING STRING

SIZE	STANDS	SINGLES	DRILL COL	KELLY IN	CORE BBL.

MUD RECORD

TYPE OF MUD	WEIGHT	VIS	WL	PH	FC
Gel & Benex	9.4	80		9.5	

ADDITIVES Gel 500# Benex 2# Caustic 50# Hi Vis CMC 25#

CORING

NO	FROM	TO	RECOVERED	FORMATION

SURVEY DEG. AT FT. DEG. AT FT. DEG. AT FT.

DRILL STEM TESTS

NO. INTERVAL FORMATION
VALVE OPEN (MINS.) INITIAL SHUT-IN (MINS.) FINAL SHUT-IN (MINS.)
GAS TO SURFACE MIN. " MCF/D MAX.
OIL TO SURFACE MIN. " BBL/D MAX.
RECOVERY:
PRESSURES IHP FHP IFP FFP ISIP FSIP

FROM	TO	DESCRIPTION OF WORK
4 00	4 15	Rig Serv & Check B.O.P's
4 15	4 45	Drlg 8 3/4" Hole
4 45	5 00	Replace "Rotary Chain"
5 00	6 45	Drlg 8 3/4" Hole
6 45	7 00	W.O. Pump
7 00	8 00	Drlg. 8 3/4" Hole.
8 00	8 30	W.O. Pump, Change" BOP Valve.
8 30	9 30	Drlg 8 3/4 Hole
9 30	10 15	Loss Pressure W.O. Pump
10 15	10 30	Drlg 8 3/4" Hole — 10 30 - 11 00 Cond Mud
10 00	12 00	TRIP OUT FOR WASH OUT

DRILLER Gary Christensen NO. HELPERS 4

52 - 8BAX4
REV. 2/71Δ

Hudson's Bay Oil and Gas Company Limited

DAILY DRILLERS REPORT

DATE Feb. 3/77

WELL NAME Hudson Bay Amoco M-52
CONTRACTOR Regent Drlg. TYPE RIG Brewster N-7
RIG NO. 3 TOOL PUSHER

LDG. FLG. TO KB 13.20'
K. B. ELEV. 2213'
GRD. ELEV. 2200'

CASING RECORD	DEPTH	SIZE	WEIGHT	GRADE	CEMENT	ADD.	PLUG DOWN
	912'	10¾"					

COMPANY SUPERVISOR K. Magoon

	12 P.M. TO 8 A.M.	8 A.M. TO 4 P.M.	4 P.M. TO 12 P.M.
DEPTH	START 5360 PROGRESS 56 END 5416	START 5416 PROGRESS 80 END 5496	START 5496 PROGRESS 75 END 5571

BIT RECORD

NO.	SERIAL NO.	TYPE	SIZE	FROM	TO	FOOTAGE	HRS. RUN
6	49455	X19	8¾	4928	5416	488	19¾

NO.	SERIAL NO.	TYPE	SIZE	FROM	TO	FOOTAGE	HRS. RUN
7	48662	X3A	2-11 1-12	5416	5496'	80	4

NO.	SERIAL NO.	TYPE	SIZE	FROM	TO	FOOTAGE	HRS. RUN
7	48662	X3A	8¾	5416	5571	155	10¾

DRILLING DATA

LINER SIZE	PUMP PRESSURE	TABLE SPEED	WEIGHT ON BIT
5½"	1400	105	50

LINER SIZE	PUMP PRESSURE	TABLE SPEED	WEIGHT ON BIT
5½"x16"	1400	105	40 - 45

LINER SIZE	PUMP PRESSURE	TABLE SPEED	WEIGHT ON BIT
5½ - 16"	1400	105	40-45

DRILLING STRING

SIZE	STANDS	SINGLES	DRILL COL.	KELLY IN	CORE BBL.
4½	—	2	24	39.12	

SIZE	STANDS	SINGLES	DRILL COL	KELLY IN	CORE BBL.
4½"	52	2	24	27.00	

SIZE	STANDS	SINGLES	DRILL COL	KELLY IN	CORE BBL.
4	51	1	24	40.05	

MUD RECORD

TYPE	WEIGHT	VIS	WL	PH	FC
	9.3	53			

ADDITIVES

TYPE OF MUD	WEIGHT	VIS	WL	PH	FC
Gel-Benex	9.4	60		9.5	

ADDITIVES

TYPE OF MUD	WEIGHT	VIS	WL	PH	FC
GEL-BENEX	9.4	60		9.5	

ADDITIVES

CORING

NO.	FROM	TO	RECOVERED	FORMATION

NO.	FROM	TO	RECOVERED	FORMATION

NO.	FROM	TO	RECOVERED	FORMATION

SURVEY

⅛° DEG. AT 5416 FT.	DEG. AT FT.	DEG. AT FT.			

DEG. AT FT.	DEG. AT FT.	DEG. AT FT.

DEG. AT FT.	DEG. AT FT.	DEG. AT FT.

DRILL STEM TESTS

NO. INTERVAL FORMATION
VALVE OPEN (MINS.) INITIAL SHUT-IN (MINS.) FINAL SHUT-IN (MINS.)
GAS TO SURFACE MIN. " MCF/D MAX.
OIL TO SURFACE MIN. " BBL/D MAX.
RECOVERY:
PRESSURES IHP FHP IFP FFP ISIP FSIP

NO. INTERVAL FORMATION
VALVE OPEN (MINS.) INITIAL SHUT-IN (MINS.) FINAL SHUT-IN (MINS.)
GAS TO SURFACE MIN. " MCF/D MAX.
OIL TO SURFACE MIN. " BBL/D MAX.
RECOVERY:
PRESSURES IHP FHP IFP FFP ISIP FSIP

NO. INTERVAL FORMATION
VALVE OPEN (MINS.) INITIAL SHUT-IN (MINS.) FINAL SHUT-IN (MINS.)
GAS TO SURFACE MIN. " MCF/D MAX.
OIL TO SURFACE MIN. " BBL/D MAX.
RECOVERY:
PRESSURES IHP FHP IFP FFP ISIP FSIP

REMARKS INCLUDING: CEMENTING LOGGING PERFORATING ACIDIZING FRACTURING PLUGS

FROM	TO	DESCRIPTION OF WORK
12:00	2:00	Drill 8¾ hole
2:00	2:30	Dropped Totco
2:30	5:30	Pull out of hole #6 Bit. Work tight hole 6-10 stds
5:30	8:00	Run in hole @ Bit #7 Ream & clean to Bit.

DRILLER M. Baydusk NO. HELPERS 4

FROM	TO	DESCRIPTION OF WORK
8:00		Ream & clean from 4930' to
	11:45	5416' (Bottom) 486 ft
11:45	1:45	Drilling 8¾" hole
1:45		Service rig - check B.O.P.s
	2:00	Repair pop valve on #1 pump
2:00	4:00	Drilling 8¾" hole

DRILLER J. Halabisky NO. HELPERS 5

FROM	TO	DESCRIPTION OF WORK
4:00	4:45	DRLG. 8¾" HOLE.
4:45	5:00	RIG SERV. & CHECK B.O.P.'S
5:00	6:00	DRLG. 8¾" HOLE.
6:00	7:00	WELD ON PUMP MANIFOLD
7:00	12:00	DRLG 8¾" HOLE

DRILLER Gary Christenson NO. HELPERS 4

52 - 8BAX4
REV. 2/71△

Hudson's Bay Oil and Gas Company Limited

DAILY DRILLERS REPORT

WELL NAME Hudson Bay M-52 | LDG. FLG. TO KB 13.20 | DATE FEB. 2/73
CONTRACTOR Regent Drlg. | TYPE RIG Brewster N-7 | K. B. ELEV. 2213
RIG NO. 3 | TOOL PUSHER | GRD. ELEV. 2200

CASING RECORD	DEPTH	SIZE	WEIGHT	GRADE	CEMENT	ADD	PLUG DOWN	COMPANY SUPERVISOR
	902	10 3/4						

	12 P.M. TO 8 A.M.	8 A.M. TO 4 P.M.	4 P.M. TO 12 P.M.
DEPTH	START 4928 PROGRESS 111 END 5039	START 5039 PROGRESS 161 END 5200	START 5200 PROGRESS 160 END 5360

BIT RECORD

NO.	SERIAL NO.	TYPE	SIZE	FROM	TO	FOOTAGE	HRS. RUN
12 M-S							
6	49455	X1G	8 3/4	4928	5039	111	3 1/2

NO.	SERIAL NO.	TYPE	SIZE	FROM	TO	FOOTAGE	HRS. RUN
6	49455	X1G	8 3/4	4928	5200	272	10 1/4

NO.	SERIAL NO.	TYPE	SIZE	FROM	TO	FOOTAGE	HRS. RUN
6	49455	X1G	8 3/4	4928	5360	432	17 3/4

DRILLING DATA

LINER SIZE	PUMP PRESSURE	TABLE SPEED	WEIGHT ON BIT
5 1/2	1400	105	50

LINER SIZE	PUMP PRESSURE	TABLE SPEED	WEIGHT ON BIT
5 1/2" x 16"	1400	105	45 - 55

LINER SIZE	PUMP PRESSURE	TABLE SPEED	WEIGHT ON BIT
5 1/2" x 16"	1400	105	50-55

DRILLING STRING

SIZE	STANDS	SINGLES	DRILL COL.	KELLY IN	CORE BBL.
4 1/2	45	2	24	4100	

SIZE	STANDS	SINGLES	DRILL COL	KELLY IN	CORE BBL.
4 1/2"	47	2	24	13'	

SIZE	STANDS	SINGLES	DRILL COL	KELLY IN	CORE BBL.
4 1/2	49	1	24	14.83	

MUD RECORD

TYPE OF MUD	WEIGHT	VIS	WL	PH	FC
	9.5	49			

ADDITIVES Gel 15 sks

TYPE OF MUD	WEIGHT	VIS	WL	PH	FC
gel + benex	94	51		9.5	

ADDITIVES Caustic - 100#
Gel - 5000# Benex 20#

TYPE OF MUD	WEIGHT	VIS	WL	PH	FC
GEL & BENEX	9.4	50			

ADDITIVES GEL 25 SKS.
BENEX 3 SKS

CORING

NO.	FROM	TO	RECOVERED	FORMATION

NO.	FROM	TO	RECOVERED	FORMATION

NO.	FROM	TO	RECOVERED	FORMATION

SURVEY

DEG. AT FT. | DEG. AT FT. | DEG. AT FT.

DEG. AT FT. | DEG. AT FT. | DEG. AT FT.

DEG. AT FT. | DEG. AT FT. | DEG. AT FT.

DRILL STEM TESTS

NO. INTERVAL FORMATION
VALVE OPEN (MINS.) INITIAL SHUT-IN (MINS.) FINAL SHUT-IN (MINS.)
GAS TO SURFACE MIN. @ MCF/D MAX.
OIL TO SURFACE MIN. @ BBL/D MAX.
RECOVERY:
PRESS-URES IHP FHP IFP FFP ISIP FSIP

NO. INTERVAL FORMATION
VALVE OPEN (MINS.) INITIAL SHUT-IN (MINS.) FINAL SHUT-IN (MINS.)
GAS TO SURFACE MIN. @ MCF/D MAX.
OIL TO SURFACE MIN. @ BBL/D MAX.
RECOVERY:
PRESS-URES IHP FHP IFP FFP ISIP FSIP

NO. INTERVAL FORMATION
VALVE OPEN (MINS.) INITIAL SHUT-IN (MINS.) FINAL SHUT-IN (MINS.)
GAS TO SURFACE MIN. @ MCF/D MAX.
OIL TO SURFACE MIN. @ BBL/D MAX.
RECOVERY
PRESS-URES IHP FHP IFP FFP ISIP FSIP

REMARKS INCLUDING: CEMENTING, LOGGING, PERFORATING, ACIDIZING, FRACTURING, PLUGS

FROM	TO	DESCRIPTION OF WORK
12 M-S	1 M-S	Pull out of hole
1 M-S	2 00	Check Blind Rams & Rig See
2 00	4 00	Run in hole @ Bit #6
4 00	4 30	Clean To Btm 110 Feet
4 30	8 00	Drill.

FROM	TO	DESCRIPTION OF WORK
8 00	9 00	Drilling 8 3/4" hole
9 00	9 15	Service rig & check B.O.P.
9 15	2 45	Drilling 8 3/4" hole
2 45	3 45	Repair air brake & Rotary chain
3 45	4 00	Drilling 8 3/4" hole

FROM	TO	DESCRIPTION OF WORK
400	445	DRLG. 8 3/4" HOLE.
445		RIG SERV. & CHECK B.O.P.'S REPAIR
	515	AIR LEAK.
515	1200	DRLG 8 3/4" HOLE.

DRILLER Mitch Boychuk NO. HELPERS 4 | DRILLER Jim Halabishy NO. HELPERS 5 | DRILLER Gary Christensen NO. HELPERS 4

52 - 88AX4
REV. 2/72

Hudson's Bay Oil and Gas Company Limited

DAILY DRILLERS REPORT

DATE Feb. 1/73

WELL NAME

CONTRACTOR Hudson Bay Dmoco RIG TYPE ~~RIG~~

RIG NO. 3 Regent Drlg TOOL PUSHER ~~PUSHER~~ Brewster

LDG. FLG. TO KB 13.20
K. B. ELEV. 2213
GRD. ELEV. 2200

CASING RECORD	DEPTH	SIZE	WEIGHT	GRADE	CEMENT	ADD.	PLUG DOWN	COMPANY SUPERVISOR
	912	10 3/4						B. Pryor

	12 P.M. TO 8 A.M.	8 A.M. TO 4 P.M.	4 P.M. TO 12 P.M.
DEPTH	START 4600 PROGRESS END	START 4733 PROGRESS 92 END 4825	START PROGRESS END

BIT RECORD

NO.	SERIAL NO.	TYPE	SIZE	FROM	TO	FOOTAGE	HRS. RUN
5	49578	X1G	8 3/4	4446	4733	133	16 1/4

NO.	SERIAL NO.	TYPE	SIZE	FROM	TO	FOOTAGE	HRS. RUN
5	49578	X1G	8 3/4	4446	4825	379	23 3/4

NO.	SERIAL NO.	TYPE	SIZE	FROM	TO	FOOTAGE	HRS. RUN
5	49578	X1G	8 3/4	4446			

DRILLING DATA

LINER SIZE	PUMP PRESSURE	TABLE SPEED	WEIGHT ON BIT
5 1/2	1400	105	48

LINER SIZE	PUMP PRESSURE	TABLE SPEED	WEIGHT ON BIT
5 1/2" x 16"	1400	105	45 - 55

LINER SIZE	PUMP PRESSURE	TABLE SPEED	WEIGHT ON BIT
5 1/2	1400	105	50-55

DRILLING STRING

SIZE	STANDS	SINGLES	DRILL COL.	KELLY IN	CORE BBL.
4 1/2	42	2	24	1723.	

SIZE	STANDS	SINGLES	DRILL COL	KELLY IN	CORE BBL.
4 1/2"	43	2	24 - 704.66		

SIZE	STANDS	SINGLES	DRILL COL	KELLY IN	CORE BBL.
4 1/2	44	2	24 - 966.66	2432	

MUD RECORD

TYPE OF MUD	WEIGHT	VIS	WL	PH	FC
Gel slurry	9.6	45			

ADDITIVES
Gel 40 sks.
Benex 7 sks.

TYPE OF MUD	WEIGHT	VIS	WL	PH	FC
Gel + Benex	9.4	50			

ADDITIVES water
Gel - 4500
Benex - 18 LB

TYPE OF MUD	WEIGHT	VIS	WL	PH	FC
GEL + BENEX	9.5	42			

ADDITIVES: WATER CAUSTIC #50
GEL - 4500
BENEX - 18 LB

CORING

NO.	FROM	TO	RECOVERED	FORMATION

NO.	FROM	TO	RECOVERED	FORMATION

NO	FROM	TO	RECOVERED	FORMATION

SURVEY

DEG. AT FT. | DEG. AT FT. | DEG. AT FT.

DEG. AT FT. | DEG. AT FT. | DEG. AT FT.

DEG. AT FT. | DEG. AT FT. | DEG. AT FT.

DRILL STEM TESTS

NO. INTERVAL FORMATION
VALVE OPEN (MINS.) INITIAL SHUT-IN (MINS.) FINAL SHUT-IN (MINS.)
GAS TO SURFACE MIN. @ MCF/D MAX.
OIL TO SURFACE MIN. @ BBL/D MAX.
RECOVERY:
PRESSURES IHP FHP IFP FFP ISIP FSIP

NO. INTERVAL FORMATION
VALVE OPEN (MINS.) INITIAL SHUT-IN (MINS.) FINAL SHUT-IN (MINS.)
GAS TO SURFACE MIN. @ MCF/D MAX.
OIL TO SURFACE MIN. @ BBL/D MAX.
RECOVERY:
PRESSURES IHP FHP IFP FFP ISIP FSIP

Held "blowout" drill @ crew.

NO. INTERVAL FORMATION
VALVE OPEN (MINS.) INITIAL SHUT-IN (MINS.) FINAL SHUT-IN (MINS.)
GAS TO SURFACE MIN. @ MCF/D MAX.
OIL TO SURFACE MIN. @ BBL/D MAX.
RECOVERY:
PRESSURES IHP FHP IFP FFP ISIP FSIP

REMARKS INCLUDING: CEMENTING, LOGGING, PERFORATING, ACIDIZING, FRACTURING, PLUGS

FROM	TO	DESCRIPTION OF WORK
1200	345	DRILL
345	400	RIG SER
400		DR. LL

FROM	TO	DESCRIPTION OF WORK
800	945	Drilling 8 3/4" hole
945	1000	Service Rig & check 4 1/2" rams
1000	1015	Work on air lines & gages
1015	400	Drilling 8 3/4" hole

FROM	TO	DESCRIPTION OF WORK
400	515	DRLG. 8 3/4" HOLE
515	530	RIG SERV. & CHECK B.O.P.'S
530	1045	DRLG. 8 3/4" HOLE
1045	1100	DROP SURVEY.
1100	1200	TRIP OUT

DRILLER M. K. Boychuk NO. HELPERS 4

DRILLER Jim Halabisky NO. HELPERS 5

DRILLER G. Chouteau NO. HELPERS

52 - 8BAX4
REV. 2/71

Hudson's Bay Oil and Gas Company Limited

DAILY DRILLERS REPORT

DATE Jan 31/73

WELL NAME Hudson Bay Amoco M-52.
CONTRACTOR Regent
RIG NO. 2
TYPE RIG Bruster N-7
TOOL PUSHER

LDG. FLG. TO KB 1320
K. B. ELEV. 2213
GRD. ELEV. 2200

CASING RECORD	DEPTH	SIZE	WEIGHT	GRADE	CEMENT	ADD.	PLUG DOWN	COMPANY SUPERVISOR
	912	10¾						K. Moore

	12 P.M. TO 8 A.M.	8 A.M. TO 4 P.M.	4 P.M. TO 12 P.M.
DEPTH	START 4330 PROGRESS 116 END 4446	START 4446 PROGRESS 10 END 4456	START 4456 PROGRESS 144 END 4600

BIT RECORD

	NO.	SERIAL NO.	TYPE	SIZE	FROM	TO	FOOTAGE	HRS. RUN
12 P.M. TO 8 A.M.	4	49530	X1G	8¾	3823	4446	623	24¾
8 A.M. TO 4 P.M.	5	49578	X1G	8¾	4446	4456	10	½
4 P.M. TO 12 P.M.	5	49578	X1G	8¾	4446	4600	144	8½

DRILLING DATA

	LINER SIZE	PUMP PRESSURE	TABLE SPEED	WEIGHT ON BIT
12 P.M. TO 8 A.M.	5½	1600	105	45.M
8 A.M. TO 4 P.M.	5½"	1400	105	40,000
4 P.M. TO 12 P.M.	5½	1400	105	48

DRILLING STRING

	SIZE	STANDS	SINGLES	DRILL COL	KELLY IN	CORE BBL
12 P.M. TO 8 A.M.				24		
8 A.M. TO 4 P.M.	4½"	39	2	24	19	
4 P.M. TO 12 P.M.						

MUD RECORD

	TYPE OF MUD	WEIGHT	VIS	WL	PH	FC
12 P.M. TO 8 A.M.	GEL 20 sk CMC 50 #	9.4	60			
8 A.M. TO 4 P.M.						
4 P.M. TO 12 P.M.		9.3	40			

ADDITIVES (12 P.M. TO 8 A.M.): Caustic 50 #; Bentex 4 bags 2 lb sack
ADDITIVES (8 A.M. TO 4 P.M.): Caustic 100 LB
ADDITIVES (4 P.M. TO 12 P.M.): Gel 1500; Bennex 6 LB

CORING

	NO.	FROM	TO	RECOVERED	FORMATION
12 P.M. TO 8 A.M.					
8 A.M. TO 4 P.M.					
4 P.M. TO 12 P.M.					

SURVEY

	DEG. AT	FT.	DEG. AT	FT.	DEG. AT	FT.
12 P.M. TO 8 A.M.						
8 A.M. TO 4 P.M.	¼°	4446 FT	DEG. AT	FT.	DEG. AT	FT.
4 P.M. TO 12 P.M.						

DRILL STEM TESTS

	NO.	INTERVAL	FORMATION	VALVE OPEN (MINS.)	INITIAL SHUT-IN (MINS.)	FINAL SHUT-IN (MINS.)	GAS TO SURFACE	MIN. @	MCF/D MAX.	OIL TO SURFACE	MIN. @	BBL/D MAX.	RECOVERY:	PRESSURES	IHP	FHP	IFP	FFP	ISIP	FSIP
12 P.M. TO 8 A.M.																				
8 A.M. TO 4 P.M.																				
4 P.M. TO 12 P.M.																				

REMARKS INCLUDING: CEMENTING, LOGGING, PERFORATING, ACIDIZING, FRACTURING, PLUGS

	FROM	TO	DESCRIPTION OF WORK
12 P.M. TO 8 A.M.	12:00	6:00	Drill.
	6:00	6:15	Dropped Totco Circ Down.
	6:15	8:00	Pulling out of hole
8 A.M. TO 4 P.M.	8:00	9:30	Finish pulling out of hole
	9:30	9:45	Service rig & check blind rams
	9:45	10:15	Run in Drill collars
	10:15	1:15	Change swivel packing & line up
	~~1:15~~	~~2:15~~	#1 motors @ Lavwick
	2:15	2:45	Run in 4½" pipe
	2:45	3:00	Pick up kelly & ream 30' - 9 std off btm.
	3:00	3:30	Run in 4½" pipe
	3:30	4:00	Pick up kelly & ream & clean 30' to btm
4 P.M. TO 12 P.M.	4:00	12:00	Drilling 8¾" hole

DRILLER (12 P.M. TO 8 A.M.): M. Tob Boychuk NO. HELPERS 3
DRILLER (8 A.M. TO 4 P.M.): Jim Halabisky NO. HELPERS 5
DRILLER (4 P.M. TO 12 P.M.): M. Tob Boychuk NO. HELPERS 4

52 - 8BAX4
REV. 2/71

Hudson's Bay Oil and Gas Company Limited

DAILY DRILLERS REPORT

DATE Jan. 30/73

WELL NAME Hudson Bay Amoco M-52
CONTRACTOR
RIG NO.
TYPE RIG BREWSTER N-7
TOOL PUSHER

LDG. FLG. TO KB 1320
K. B. ELEV. 2213
GRD. ELEV. 2200

CASING RECORD	DEPTH	SIZE	WEIGHT	GRADE	CEMENT	ADD.	PLUG DOWN	COMPANY SUPERVISOR
	912	10 3/4						D. Simpson

	12 P.M. TO 8 A.M.	8 A.M. TO 4 P.M.	4 P.M. TO 12 P.M.
DEPTH	START 3823 PROGRESS 201 END 4024	START 4024' PROGRESS 172' END 4196'	START 4196 PROGRESS 134 END 4330

BIT RECORD

NO.	SERIAL NO.	TYPE	SIZE	FROM	TO	FOOTAGE	HRS. RUN
4	49530	X1G	8 3/4	3823	4024	201	5 1/2

NO.	SERIAL NO.	TYPE	SIZE	FROM	TO	FOOTAGE	HRS. RUN
4	49530	X1G	8 3/4"	3823	4196	373	11 3/4

NO.	SERIAL NO.	TYPE	SIZE	FROM	TO	FOOTAGE	HRS. RUN
4	49530	X1G	8 3/4	3823	4330	507	18 3/4

DRILLING DATA

LINER SIZE	PUMP PRESSURE	TABLE SPEED	WEIGHT ON BIT

LINER SIZE	PUMP PRESSURE	TABLE SPEED	WEIGHT ON BIT
5 1/2"		105	40,000

LINER SIZE	PUMP PRESSURE	TABLE SPEED	WEIGHT ON BIT
5 1/2	1600	105	45

DRILLING STRING

SIZE	STANDS	ANGLES	COL	KELLY	CORE BBL.
Size 2	60	ANGLES	4Q.S	KELLY 40	

SIZE	STANDS	SINGLES	DRILL COL	KELLY IN	CORE BBL.
4 1/2	36	2	24	41	

SIZE	STANDS	SINGLES	DRILL COL	KELLY IN	CORE BBL
4 1/2	38	1	24	19 19	

MUD RECORD

TYPE OF MUD	WEIGHT	VIS	WL	PH	FC
Gel	9.3	47			

ADDITIVES WATER + Gel

TYPE OF MUD	WEIGHT	VIS	WL	PH	FC
Gel	9.4	40		9.0	

ADDITIVES Water - Gel - 1000# Bene 4#

TYPE OF MUD	WEIGHT	VIS	WL	PH	FC
GEL	9.4	60			

ADDITIVES

CORING

NO.	FROM	TO	RECOVERED	FORMATION

NO.	FROM	TO	RECOVERED	FORMATION

NO	FROM	TO	RECOVERED	FORMATION

SURVEY

DEG. AT FT. | DEG. AT FT. | DEG. AT FT.

DEG. AT FT. | DEG. AT FT. | DEG. AT FT.

DEG. AT FT. | DEG. AT FT. | DEG. AT FT.

DRILL STEM TESTS

NO. INTERVAL FORMATION
VALVE OPEN (MINS.) INITIAL SHUT-IN (MINS.) FINAL SHUT-IN (MINS.)
GAS TO SURFACE MIN. @ MCF/D MAX.
OIL TO SURFACE MIN. @ BBL/D MAX.
RECOVERY:
PRESSURES IHP FHP IFP FFP ISIP FSIP

NO. INTERVAL FORMATION
VALVE OPEN (MINS.) INITIAL SHUT-IN (MINS.) FINAL SHUT-IN (MINS.)
GAS TO SURFACE MIN. @ MCF/D MAX.
OIL TO SURFACE MIN. @ BBL/D MAX.
RECOVERY:
PRESSURES IHP FHP IFP FFP ISIP FSIP

NO. INTERVAL FORMATION
VALVE OPEN (MINS.) INITIAL SHUT-IN (MINS.) FINAL SHUT-IN (MINS.)
GAS TO SURFACE MIN. @ MCF/D MAX.
OIL TO SURFACE MIN. @ BBL/D MAX.
RECOVERY:
PRESSURES IHP FHP IFP FFP ISIP FSIP

REMARKS INCLUDING: CEMENTING, LOGGING, PERFORATING, ACIDIZING, FRACTURING, PLUGS

FROM	TO	DESCRIPTION OF WORK
12 00	2 30	hole stuffing Ream + clean To Btm
2 30	8 00	Drill

FROM	TO	DESCRIPTION OF WORK
8 00	8 30	Drilling 8 3/4" hole
8 30	8 45	Service rig + check hydril
8 45	11 45	Drilling 8 3/4" hole
11 45	12 15	Attempt to jack rig
12 15	3 00	Drilling 8 3/4" hole
3 00	4 00	Change swivel

FROM	TO	DESCRIPTION OF WORK
4 00	5 30	Drilling 8 3/4 hole
5 30	5 45	Ser Rig + check 4 1/2 Ram's
5 45	6 30	Jack R q
6 30	12 00	Drill q

DRILLER M. McBoychuk NO. HELPERS 3

DRILLER J. Halabiskey NO. HELPERS 4

DRILLER M. McBoychuk NO. HELPERS 3

52 - 8BAX4
REV. 2/71

Hudson's Bay Oil and Gas Company Limited — DAILY DRILLERS REPORT

WELL NAME: Hudson Bay Amoco M-52 | CONTRACTOR | RIG NO. | TYPE RIG: BENSTER N-7 | TOOL PUSHER: LOU MARECHAL

LDG. FLG. TO KB: 1320 | K. B. ELEV.: 2213 | GRD. ELEV.: 2200

DATE: Jan 29/73

CASING RECORD	DEPTH	SIZE	WEIGHT	GRADE	CEMENT	ADD/	PLUG DOWN
	912	10 3/4					

COMPANY SUPERVISOR: [signature]

12 P.M. TO 8 A.M.

BIT RECORD

NO.	SERIAL NO.	TYPE	SIZE	START DEPTH	END DEPTH	FOOTAGE	HRS. RUN
#3	49451	XIC	8 3/4	2990	3823	833	17 1/4

DRILLING DATA

LINER SIZE	PUMP PRESSURE	TABLE SPEED	WEIGHT ON BIT
5 1/2	1000	80	40/45

DRILLING STRING

SIZE	STANDS	SINGLES	DRILL COL	KELLY IN	CORE BBL.

MUD RECORD

TYPE OF MUD	WEIGHT	VIS	WL	PH	FC
	87	29			

ADDITIVES: Bench 8 3/4 BB
Gel 2200#
Caustic 120#

CORING

NO.	FROM	TO	RECOVERED	FORMATION

SURVEY

DEG. AT FT. | DEG. AT FT. | DEG. AT FT.

DRILL STEM TESTS

NO. | INTERVAL | FORMATION
VALVE OPEN (MINS.) | INITIAL SHUT-IN (MINS.) | FINAL SHUT-IN (MINS.)
GAS TO SURFACE MIN. @ MCF/D MAX.
OIL TO SURFACE MIN. @ BBL/D MAX
RECOVERY:
PRESSURES: IHP FHP IFP FFP ISIP FSIP

REMARKS INCLUDING: CEMENTING, LOGGING, PERFORATING, ACIDIZING, FRACTURING, PLUGS

FROM	TO	DESCRIPTION OF WORK
12 00	12 15	DRLG. 8 3/4" HOLE
12 15	12 30	RIG SERV. & CHECK B.O.P.'S
12 30	7 15	DRLG. 8 3/4" HOLE
7 15	7 30	DROP SURVEY
7 30	8 00	WORK ON AIR -

DRILLER | NO. HELPERS

8 A.M. TO 4 P.M.

START 3823

BIT RECORD

NO.	SERIAL NO.	TYPE	SIZE	FROM	TO	FOOTAGE	HRS. RUN

DRILLING DATA

LINER SIZE	PUMP PRESSURE	TABLE SPEED	WEIGHT ON BIT

DRILLING STRING

SIZE	STANDS	SINGLES	DRILL COL	KELLY IN	CORE BBL.

MUD RECORD

TYPE OF MUD	WEIGHT	VIS	WL	PH	FC

ADDITIVES

CORING

NO.	FROM	TO	RECOVERED	FORMATION

SURVEY

DEG. AT FT. | DEG. AT FT. | DEG. AT FT.

DRILL STEM TESTS

NO. | INTERVAL | FORMATION
VALVE OPEN (MINS.) | INITIAL SHUT-IN (MINS.) | FINAL SHUT-IN (MINS.)
GAS TO SURFACE MIN. @ MCF/D MAX.
OIL TO SURFACE MIN. @ BBL/D MAX.
RECOVERY:
PRESSURES: IHP FHP IFP FFP ISIP FSIP

FROM	TO	DESCRIPTION OF WORK
8 00	10 30	Work on Air Comp.
10 30	1 00	Pull out & work Tight Hole
1 00	1 30	Change Bit
1 30	4 00	Ron in

DRILLER M. Tak Boyaluk | NO. HELPERS 4

4 P.M. TO 12 P.M.

START 3823

BIT RECORD

NO.	SERIAL NO.	TYPE	SIZE	FROM	TO	FOOTAGE	HRS. RUN
4	49530	XIC	8 3/4	3823			

DRILLING DATA

LINER SIZE	PUMP PRESSURE	TABLE SPEED	WEIGHT ON BIT

DRILLING STRING

SIZE	STANDS	SINGLES	DRILL COL	KELLY IN	CORE BBL

MUD RECORD

TYPE OF MUD	WEIGHT	VIS	WL	PH	FC

ADDITIVES: 6000# Gel
24# Bench
200 Bi CarB.

CORING

NO	FROM	TO	RECOVERED	FORMATION

SURVEY

DEG. AT FT. | DEG. AT FT. | DEG. AT FT.

DRILL STEM TESTS

NO. | INTERVAL | FORMATION
VALVE OPEN (MINS.) | INITIAL SHUT-IN (MINS.) | FINAL SHUT-IN (MINS.)
GAS TO SURFACE MIN. @ MCF/D MAX.
OIL TO SURFACE MIN. @ BBL/D MAX.
RECOVERY:
PRESSURES: IHP FHP IFP FFP ISIP FSIP

FROM	TO	DESCRIPTION OF WORK
4 00		Mix mud & clean tanks
		Circulate & ream 160' @ 3000
		Run in 4 stds pipe. Lie up
		Kelly, break circ. & ream from
	12 00	3530' to 3650'
		No work on Air.

DRILLER J. Halabisky | NO. HELPERS 4

52 - 8BAX4
REV. 2/71Δ

Hudson's Bay Oil and Gas Company Limited

DAILY DRILLERS REPORT

DATE Jan 28/73

WELL NAME Hudson Bay Amoco
CONTRACTOR Regent Drlg. TYPE RIG Bewster
RIG NO. 3 TOOL PUSHER Lou Marechal

LDG. FLG. TO KB 1520
K. B. ELEV. 2213
GRD. ELEV. 2200

CASING RECORD	DEPTH	SIZE	WEIGHT	GRADE	CEMENT	ADD.	PLUG DOWN
	912	10¾					

COMPANY SUPERVISOR D. Simpson

	12 P.M. TO 8 A.M.	8 A.M. TO 4 P.M.	4 P.M. TO 12 P.M.
DEPTH	START	START 3050 PROGRESS 181 END 3231	START 3231 PROGRESS END

BIT RECORD

NO.	SERIAL NO.	TYPE	SIZE	FROM	TO	FOOTAGE	HRS. RUN
3	49451	XIG	8¾	2990	3050	60	¾
3	49451	XIG	8¾	3050	3231	181	2
3	49451	XIG	8¾	2990	3654	664	10¼

DRILLING DATA

12 P.M. TO 8 A.M. LINER SIZE	PUMP PRESSURE	TABLE SPEED	WEIGHT ON BIT

8 A.M. TO 4 P.M. LINER SIZE	PUMP PRESSURE	TABLE SPEED	WEIGHT ON BIT
5½	1000	100	45

4 P.M. TO 12 P.M. LINER SIZE	PUMP PRESSURE	TABLE SPEED	WEIGHT ON BIT
5½" x 16"	1,000	100 R.P.M.	35 - 45

DRILLING STRING

12 P.M. TO 8 A.M. SIZE	STANDS	SINGLES	DRILL COL.	KELLY IN	CORE BBL.
4½	30	2	20	1410	

8 A.M. TO 4 P.M. SIZE	STANDS	SINGLES	DRILL COL.	KELLY IN	CORE BBL.
4½	26	1	24	41	

4 P.M. TO 12 P.M. SIZE	STANDS	SINGLES	DRILL COL.	KELLY IN	CORE BBL.
4½"	31		29	30'	

MUD RECORD

12 P.M. TO 8 A.M. TYPE OF MUD	WEIGHT	VIS	WL	PH	FC

ADDITIVES

8 A.M. TO 4 P.M. TYPE OF MUD	WEIGHT	VIS	WL	PH	FC

ADDITIVES WATER

4 P.M. TO 12 P.M. TYPE OF MUD	WEIGHT	VIS	WL	PH	FC
water	8.8	29			

ADDITIVES Desilter is running - wt. is coming down

CORING

12 P.M. TO 8 A.M. NO.	FROM	TO	RECOVERED	FORMATION

8 A.M. TO 4 P.M. NO.	FROM	TO	RECOVERED	FORMATION

4 P.M. TO 12 P.M. NO.	FROM	TO	RECOVERED	FORMATION

SURVEY

12 P.M. TO 8 A.M.	8 A.M. TO 4 P.M.	4 P.M. TO 12 P.M.
DEG. AT FT. DEG. AT FT. DEG. AT FT.	DEG. AT FT. DEG. AT FT. DEG. AT FT.	½° DEG. AT 3405 FT. DEG. AT FT. DEG. AT FT.

DRILL STEM TESTS

12 P.M. TO 8 A.M.	8 A.M. TO 4 P.M.	4 P.M. TO 12 P.M.
NO. INTERVAL FORMATION	NO. INTERVAL FORMATION	NO. INTERVAL FORMATION
VALVE OPEN (MINS.) INITIAL SHUT-IN (MINS.) FINAL SHUT-IN (MINS.)	VALVE OPEN (MINS.) INITIAL SHUT-IN (MINS.) FINAL SHUT-IN (MINS.)	VALVE OPEN (MINS.) INITIAL SHUT-IN (MINS.) FINAL SHUT-IN (MINS.)
GAS TO SURFACE MIN. @ MCF/D MAX.	GAS TO SURFACE MIN. @ MCF/D MAX.	GAS TO SURFACE MIN. @ MCF/D MAX.
OIL TO SURFACE MIN. @ BBL/D MAX.	OIL TO SURFACE MIN. @ BBL/D MAX.	OIL TO SURFACE MIN. @ BBL/D MAX.
RECOVERY:	RECOVERY:	RECOVERY:
PRESSURES IHP FHP IFP FFP ISIP FSIP	PRESSURES IHP FHP IFP FFP ISIP FSIP	PRESSURES IHP FHP IFP FFP ISIP FSIP

REMARKS INCLUDING: CEMENTING, LOGGING, PERFORATING, ACIDIZING, FRACTURING, PLUGS

12 P.M. TO 8 A.M. FROM	TO	DESCRIPTION OF WORK
1200	100	Pick & Make up 6 Drill Collars
100	115	Rig Serv.
115	200	Slip & Cut Line
200	330	Trip in w/ Drill Pipe, & Break Down, Singles
330	345	Break Circ.
345	515	W.O. Water
515	545	Ream & Clean To Bottom
545	630	Drlg. 8¾" Hole
630	800	Time of Con. - Wish Bone on Swivel
		Broke Circ & Rota Slow.

DRILLER Gary Christensen NO. HELPERS 4

8 A.M. TO 4 P.M. FROM	TO	DESCRIPTION OF WORK
800	900	Finish Trip in to off Btm
900	130	Circ Tight hole w/ Water
		Welder Back on Kelly
30	115	Run in to to Ream Tight Spot
		Down To Btm
115	400	Drill 8¾ hole

DRILLER Mitch Bayshuk NO. HELPERS 5

4 P.M. TO 12 P.M. FROM	TO	DESCRIPTION OF WORK
400	415	Service rig & check B.O.Ps
415	645	Drilling 8¾" hole
645	715	Circulate & run survey
715	1200	Drilling 8¾" hole

DRILLER Jim Habasicky NO. HELPERS 4

52 - 88AX4
REV 2/71

Hudson's Bay Oil and Gas Company Limited

DAILY DRILLERS REPORT

DATE Jan 27/73

WELL NAME Hudson Bay Amoco M-52
CONTRACTOR Regent Drlg
RIG NO. 3
TYPE RIG Bewster N-7
TOOL PUSHER Lou Marechal
LDG. FLG. TO KB
K. B. ELEV. 2213 1330
GRD. ELEV.

CASING RECORD

DEPTH	SIZE	WEIGHT	GRADE	CEMENT	ADD.	PLUG DOWN
10 3/4 912'						

COMPANY SUPERVISOR D. Simpson

	12 P.M. TO 8 A.M.	8 A.M. TO 4 P.M.	4 P.M. TO 12 P.M.
DEPTH	START 2200	START 2788	START
	PROGRESS 588	PROGRESS 202	PROGRESS
	END 2788	END 2990	END

BIT RECORD

	NO.	SERIAL NO.	TYPE	SIZE	FROM	TO	FOOTAGE	HRS. RUN
12 P.M. TO 8 A.M.	#2	49479	X1G	8 3/4	2100	2788	688	18
8 A.M. TO 4 P.M.	2	49479	X1G	8 3/4	2100	2990	890	23 3/4
4 P.M. TO 12 P.M.	3	49451	X1G	8 3/4				

DRILLING DATA

	LINER SIZE	PUMP PRESSURE	TABLE SPEED	WEIGHT ON BIT
12 P.M. TO 8 A.M.	5 1/2	1500	100/110	40
8 A.M. TO 4 P.M.	5 1/2	1500	100	40
4 P.M. TO 12 P.M.				

DRILLING STRING

	SIZE	STANDS	SINGLES	DRILL COL	KELLY IN	CORE BBL.
12 P.M. TO 8 A.M.	4 1/2			18		
8 A.M. TO 4 P.M.	4 1/2	25	2	18	44.00	
4 P.M. TO 12 P.M.						

MUD RECORD

	TYPE OF MUD	WEIGHT	VIS	WL	PH	FC
12 P.M. TO 8 A.M.	WATER	8.9	28			
	"	9.1	29			
8 A.M. TO 4 P.M.	Water					
4 P.M. TO 12 P.M.						

ADDITIVES SAPP 10 lb.

CORING

	NO.	FROM	TO	RECOVERED	FORMATION
12 P.M. TO 8 A.M.					
8 A.M. TO 4 P.M.					
4 P.M. TO 12 P.M.					

SURVEY

12 P.M. TO 8 A.M.	0 DEG. AT	2771 FT.	DEG. AT	FT.	DEG. AT	FT.		
8 A.M. TO 4 P.M.	DEG. AT	2990 FT.	DEG. AT	FT.	DEG. AT	FT.	DEG. AT	FT.
4 P.M. TO 12 P.M.	DEG. AT	FT.	DEG. AT	FT.	DEG. AT	FT.		

DRILL STEM TESTS

	NO.	INTERVAL	FORMATION	VALVE OPEN (MINS.)	INITIAL SHUT-IN (MINS.)	FINAL SHUT-IN (MINS.)	GAS TO SURFACE	OIL TO SURFACE	RECOVERY:	PRESSURES: IHP	FHP	IFP	FFP	ISIP	FSIP
12 P.M. TO 8 A.M.							MIN. @ MCF/D MAX.	MIN. @ BBL/D MAX.							
8 A.M. TO 4 P.M.							MIN. @ MCF/D MAX.	MIN. @ BBL/D MAX.							
4 P.M. TO 12 P.M.							MIN. @ MCF/D MAX.	MIN. @ BBL/D MAX.							

REMARKS INCLUDING: CEMENTING, LOGGING, PERFORATING, ACIDIZING, FRACTURING, PLUGS

12 P.M. TO 8 A.M.

FROM	TO	DESCRIPTION OF WORK
12:00	12:30	DRLG 8 3/4" HOLE
12:30	1:15	W.O. WATER (RIG SERV.)
1:15	4:30	DRLG 8 3/4" HOLE
4:30	4:45	W.O. WATER
4:45	7:00	DRLG. 8 3/4" HOLE
7:00	7:30	SURVEY @ 2771 CIRC. - WORK PIPE
7:30	8:00	DRLG. 8 3/4" HOLE

DRILLER Gary Christensen NO. HELPERS 4

8 A.M. TO 4 P.M.

FROM	TO	DESCRIPTION OF WORK
8:00	11:30	DRILL 8 3/4 hole
11:30	11:45	R.g SER
11:45	2:00	DRILL
2:00	2:30	DROPPED TOTCO CIRC
2:30	4:00	HOIST PIPE

DRILLER M. Tokaryk NO. HELPERS 4

4 P.M. TO 12 P.M.

FROM	TO	DESCRIPTION OF WORK
4:00	5:15	Finish out of hole
5:15	10:00	Gun up & clean all mud tanks
10:00	10:15	Service Rig & check blind rams
10:15		Run in drill collars & start
	12:00	picking up 6 more.

DRILLER J. Halabisky NO. HELPERS 4

52 - 8BAX4
REV. 2/71

Hudson's Bay Oil and Gas Company Limited

DAILY DRILLERS REPORT

DATE Jan 26/73

WELL NAME Hudson Bay Amoco M-52
CONTRACTOR Regent Drlg TYPE RIG Brewster N-7
RIG NO. #3 TOOL PUSHER Lou Marechal

LDG. FLG. TO KB 1320
K. B. ELEV. 2213
GRD. ELEV. 2200

CASING RECORD	DEPTH	SIZE	WEIGHT	GRADE	CEMENT	ADD.	PLUG DOWN	COMPANY SUPERVISOR
	912	10¾	32.75	N.40	600	2% CC.		D. Rapoo

	12 P.M. TO 8 A.M.	8 A.M. TO 4 P.M.	4 P.M. TO 12 P.M.
DEPTH	START 1991 PROGRESS 109 END 2100	START 2100 PROGRESS 232 END 2332	START 2332 PROGRESS 226 END 2558

BIT RECORD

	NO.	SERIAL NO.	TYPE	SIZE	FROM	TO	FOOTAGE	HRS. RUN
12 M to 8 A.M.	1#	46936	X3A	8¾	912	2100	1188	15¾
	2#	49479	X1G	8¾	2100			
8 A.M. to 4 P.M.	2	49479	X1G	8¾	2100	2332	232	5¼
4 P.M. to 12 P.M.	2	49479	X1G	8¾"	2100	2558	458	11½

DRILLING DATA

	LINER SIZE	PUMP PRESSURE	TABLE SPEED	WEIGHT ON BIT
12 M to 8 A.M.	5½	1400	100	35/40
8 A.M. to 4 P.M.	5½	1500	100	40-M
4 P.M. to 12 P.M.	5½"x16"	1550	100	30 - 40

DRILLING STRING

	SIZE	STANDS	SINGLES	DRILL COL.	KELLY IN	CORE BBL.
12 M to 8 A.M.	4½	16	1			
8 A.M. to 4 P.M.	4½	19		15	10	
4 P.M. to 12 P.M.	4½"	21	1	5 - 6¾ 13 - 2¼	16'	

MUD RECORD

	TYPE OF MUD	WEIGHT	VIS	WL	PH	FC
12 M to 8 A.M.		8.8	28			
8 A.M. to 4 P.M.	WATER	8.9	30			
4 P.M. to 12 P.M.	Water	8.9	29			

ADDITIVES
8 A.M. to 4 P.M.: WATER

CORING

	NO.	FROM	TO	RECOVERED	FORMATION

SURVEY

12 M to 8 A.M.	0 DEG. AT 2080 FT. DEG. AT FT. DEG. AT FT.
8 A.M. to 4 P.M.	DEG. AT FT. DEG. AT FT. DEG. AT FT.
4 P.M. to 12 P.M.	0 DEG. AT 2510' FT. DEG. AT FT. DEG. AT FT.

DRILL STEM TESTS

	NO.	INTERVAL	FORMATION
12 M to 8 A.M.			
8 A.M. to 4 P.M.			
4 P.M. to 12 P.M.			

VALVE OPEN (MINS.) | INITIAL SHUT-IN (MINS.) | FINAL SHUT-IN (MINS.)
GAS TO SURFACE MIN. " MCF/D MAX.
OIL TO SURFACE MIN. " BBL/D MAX.
RECOVERY:
PRESSURES IHP FHP IFP FFP ISIP FSIP

REMARKS INCLUDING: CEMENTING, LOGGING, PERFORATING, ACIDIZING, FRACTURING, PLUGS

12 M to 8 A.M.

FROM	TO	DESCRIPTION OF WORK
1200	1215	Rig Serv.
1215	200	Drlg 8¾" Hole
200	215	Drop Survey
215	415	Trip Out. Tight Hole 1050-915
415	600	Trip In
600	800	Break Circ. Ream & Clean 110'

8 A.M. to 4 P.M.

FROM	TO	DESCRIPTION OF WORK
800	900	Drill
900	915	Wait on Water check B.O.P.
915	945	Drill
945	1100	Change Wash Pipe & Packing
1100	1115	Clean To Btm
1115	1200	Drill
1200	1230	Con. Boards Rig inspection.
1230	300	Drill
300	400	Attempt To Jack Rig.

4 P.M. to 12 P.M.

FROM	TO	DESCRIPTION OF WORK
400	800	Drilling 8¾" hole
800	815	Service rig & check hydrill
815	830	Build up volume
830	900	Drilling 8¾" hole
900	930	Circulate, work pipe & run survey
930	1115	Drilling 8¾" hole
1115	1200	Wait on water

	DRILLER	NO. HELPERS
12 M to 8 A.M.		
8 A.M. to 4 P.M.	M. Baychuk	3
4 P.M. to 12 P.M.	J. Halabisky	4

DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT
GEOLOGICAL DIRECTION
FEB 13 1973
YELLOWKNIFE, N.W.T.
NORTHERN ECONOMIC DEVELOPMENT BRANCH

52 - 8BAX4
REV. 2/71

Hudson's Bay Oil and Gas Company Limited

DAILY DRILLERS REPORT

DATE Jan 25/73

WELL NAME	Hudson Bay Amoco R.M.S	LDG. FLG. TO KB	13.30
CONTRACTOR	Regent Drlg	TYPE RIG	Bewster N-7
RIG NO.	3	TOOL PUSHER	Lou Marechal
		K. B. ELEV.	~~2220~~ 2213
		GRD. ELEV.	2200

CASING RECORD	DEPTH	SIZE	WEIGHT	GRADE	CEMENT	ADD.	PLUG DOWN	COMPANY SUPERVISOR
	912	10 3/4						Kemp

	12 P.M. TO 8 A.M.	8 A.M. TO 4 P.M.	4 P.M. TO 12 P.M.
DEPTH	START PROGRESS END	START 867 PROGRESS 678' END 1600	START 1600 PROGRESS 391 END 1991

BIT RECORD

	NO.	SERIAL NO.	TYPE	SIZE	FROM	TO	FOOTAGE	HRS. RUN
12 P.M. TO 8 A.M.	1	48936	X3A	8 3/4	DRLG-OUT	867.18		
8 A.M. TO 4 P.M.	1	48936	X3A	8 3/4	~~911~~ 912	1600.	~~678~~ 688 1600	7 3/4
4 P.M. TO 12 P.M.	1	48936	X3A	8 3/4	912'	1991	1079	14

DRILLING DATA

	LINER SIZE	PUMP PRESSURE	TABLE SPEED	WEIGHT ON BIT
12 P.M. TO 8 A.M.				
8 A.M. TO 4 P.M.	5 1/2	1400	105	28-M
4 P.M. TO 12 P.M.	5 1/2"	1400	100	30 - 40

DRILLING STRING

	SIZE	STANDS	SINGLES	DRILL COL.	KELLY IN	CORE BBL.
12 P.M. TO 8 A.M.						
8 A.M. TO 4 P.M.	4 1/2	11		18	2367	
4 P.M. TO 12 P.M.	4 1/2"	15		18	~~44~~	

MUD RECORD

	TYPE OF MUD	WEIGHT	VIS	WL	PH	FC
12 P.M. TO 8 A.M.						
8 A.M. TO 4 P.M.	WATER	9.0	29			
4 P.M. TO 12 P.M.	Water	90-91	29			

ADDITIVES (12 P.M. TO 8 A.M.): check Kelly Cock & motor shut off's. O.K. BOP's & manifolds 1200 P.S.I - 15 min OK ~~Any~~.

ADDITIVES (8 A.M. TO 4 P.M.): SAPP 50#

ADDITIVES (4 P.M. TO 12 P.M.): water

CORING

	NO.	FROM	TO	RECOVERED	FORMATION
12 P.M. TO 8 A.M.					
8 A.M. TO 4 P.M.					
4 P.M. TO 12 P.M.					

SURVEY

	DEG. AT	FT.	DEG. AT	FT.	DEG. AT	FT.
12 P.M. TO 8 A.M.						
8 A.M. TO 4 P.M.	1/2° DEG. AT 1327	FT.	DEG. AT	FT.	DEG. AT	FT.
4 P.M. TO 12 P.M.	1/2° DEG. AT 1730	FT.	DEG. AT	FT.	DEG. AT	FT.

DRILL STEM TESTS

	NO.	INTERVAL	FORMATION
12 P.M. TO 8 A.M.			
8 A.M. TO 4 P.M.			
4 P.M. TO 12 P.M.			

	VALVE OPEN (MINS.)	INITIAL SHUT-IN (MINS.)	FINAL SHUT-IN (MINS.)
12 P.M. TO 8 A.M.			
8 A.M. TO 4 P.M.			
4 P.M. TO 12 P.M.			

	GAS TO SURFACE	MIN. @	MCF/D MAX.
12 P.M. TO 8 A.M.			
8 A.M. TO 4 P.M.			
4 P.M. TO 12 P.M.			

	OIL TO SURFACE	MIN. @	BBL/D MAX.
12 P.M. TO 8 A.M.			
8 A.M. TO 4 P.M.			
4 P.M. TO 12 P.M.			

	RECOVERY:	PRESSURES	IHP	FHP	IFP	FFP	ISIP	FSIP
12 P.M. TO 8 A.M.								
8 A.M. TO 4 P.M.								
4 P.M. TO 12 P.M.								

REMARKS INCLUDING: CEMENTING, LOGGING, PERFORATING, ACIDIZING, FRACTURING, PLUGS

FROM	TO	DESCRIPTION OF WORK
12 00	1 00	NIPPLING UP B.O.P'S
1 00	2 45	KELLY FROZEIN & FROZE
		W. O. BLOWING KELLY.
2 45	3 00	PICK & MAKE UP SHOCK SUB W/BIT
3 00	3 30	PRESSURE TEST BLIND RAMS
3 30	4 15	TRIP IN W/BIT #1 1200 P.S.I.
4 15	5 00	PICK & MAKE UP 3 D.C.
5 00	5 30	FINISH TRIP IN
5 30	6 45	BREAK CIRC. @ PRESSURE TEST 4 1/2" PIPE, HYDRIL, & CHOKE MANIFOLD. 1200 - 15 MIN OK
6 45	8 00	DRLG CMT. FLOAT PLUG @ 867.18

DRILLER ____ NO. HELPERS 2

FROM	TO	DESCRIPTION OF WORK
8 00	12 30	Finnish Drlg shoe DRILL 8 3/4 hole
12 30	12 45	Circ To Trip
12 45	4 00	DRILL

DRILLER Mitch Boyachuk NO. HELPERS 5

FROM	TO	DESCRIPTION OF WORK
4 00	5 30	Drilling 8 3/4" hole
5 30	6 00	Bit plugged. work pipe & spud
6 00	6 30	Drilling 8 3/4" hole
6 30	6 45	Service Rig & check 4 1/2" rams
6 45	7 30	Circ & run survey
7 00	7 45	Drilling 8 3/4" hole
7 45	8 30	Break, dope, tighten union on stand pipe. Also change pressure gage
8 30	12 00	Drilling 8 3/4" hole

DRILLER ____ NO. HELPERS 4

52 - 88AX4
REV. 2/71

Hudson's Bay Oil and Gas Company Limited

DAILY DRILLERS REPORT

DATE Jan 24

WELL NAME	Hudson Bay Amoco S. Island	LDG. FLG. TO KB	
CONTRACTOR	Regent Drlg	TYPE RIG	Brewster N-7
RIG NO.	3	TOOL PUSHER	Lou Marechal
		K. B. ELEV.	2213
		GRD. ELEV.	2200

CASING RECORD	DEPTH	SIZE	WEIGHT	GRADE	CEMENT	ADD.	PLUG DOWN	COMPANY SUPERVISOR
	912	10¾	32.75	H-40	600	2% CC	7 PM Jan 23/71	D Lofgren

	12 P.M. TO 8 A.M.	8 A.M. TO 4 P.M.	4 P.M. TO 12 P.M.
DEPTH	START 912 PROGRESS END	START 912 PROGRESS END	START 912 PROGRESS END

BIT RECORD

NO.	SERIAL NO.	TYPE	SIZE	FROM	TO	FOOTAGE	HRS. RUN

DRILLING DATA

LINER SIZE	PUMP PRESSURE	TABLE SPEED	WEIGHT ON BIT

DRILLING STRING

SIZE	STANDS	SINGLES	DRILL COL	KELLY IN	CORE BBL.

MUD RECORD

TYPE OF MUD	WEIGHT	VIS	WL	PH	FC

ADDITIVES

CORING

NO.	FROM	TO	RECOVERED	FORMATION

SURVEY

DEG. AT FT. DEG. AT FT. DEG. AT FT.

DRILL STEM TESTS

NO. INTERVAL FORMATION

VALVE OPEN (MINS.) INITIAL SHUT-IN (MINS.) FINAL SHUT-IN (MINS.)

GAS TO SURFACE MIN. @ MCF/D MAX.

OIL TO SURFACE MIN. @ BBL/D MAX.

RECOVERY:

PRESS-URES IHP FHP IFP FFP ISIP FSIP

REMARKS INCLUDING: CEMENTING, LOGGING, PERFORATING, ACIDIZING, FRACTURING, PLUGS

FROM	TO	DESCRIPTION OF WORK
12⁰⁰	7⁰⁰	W.O.C
7⁰⁰	8⁰⁰	WELDER / CUT CONDUCTOR BARREL

DRILLER J Christenson NO. HELPERS 4

FROM	TO	DESCRIPTION OF WORK
8⁰⁰	2⁰⁰	Cut Csg Weld Csg Bowl
2⁰⁰	4⁰⁰	Start nipple up.

DRILLER Mike Boychuk NO. HELPERS 5

FROM	TO	DESCRIPTION OF WORK
4⁰⁰	12⁰⁰	Nipple up B.O.P.s.

DRILLER Jim Halabisky NO. HELPERS 4

52 - 88AX4
REV 2/71Δ

Hudson's Bay Oil and Gas Company Limited — DAILY DRILLERS REPORT

WELL NAME H.B. AMOCO S. ISLAND R. M-52 | LDG. FLG. TO KB | DATE Jan 23/73

CONTRACTOR REGENT DRLG. | TYPE RIG BREWSTER N-7 | K. B. ELEV. 2213.20

RIG NO. 3 | TOOL PUSHER Lou. MARECHAL | GRD. ELEV. 2200

CASING RECORD	DEPTH	SIZE	WEIGHT	GRADE	CEMENT	ADD.	PLUG DOWN	COMPANY SUPERVISOR
	912	10 3/4	32.75	H-40	600 CA	2% CaCl2	7:00 PM	B Simpson

12 P.M. TO 8 A.M.

DEPTH

BIT RECORD

START NO.	SERIAL NO.	TYPE	SIZE	PROGRESS FROM	TO	FOOTAGE	HRS. RUN	END
#3A		OSC3	13¾	784	912	128	3½	

DRILLING DATA

LINER SIZE	PUMP PRESSURE	TABLE SPEED	WEIGHT ON BIT
5½	400	190	15/16000

DRILLING STRING

SIZE	STANDS	SINGLES	DRILL COL	KELLY IN	CORE BBL.

MUD RECORD

TYPE OF MUD	WEIGHT	VIS	WL	PH	FC
GEL	9.2	50			

ADDITIVES GEL #500lb CAUSTIC 50#

CORING

NO.	FROM	TO	RECOVERED	FORMATION

SURVEY

1° DEG. AT 824 FT. | ½° DEG. AT 897 FT. | DEG. AT FT.

DRILL STEM TESTS

NO. INTERVAL FORMATION

VALVE OPEN (MINS.) INITIAL SHUT-IN (MINS.) FINAL SHUT-IN (MINS.)

GAS TO SURFACE MIN. @ MCF/D MAX.

OIL TO SURFACE MIN. @ BBL/D MAX.

RECOVERY:

PRESSURES	IHP	FHP	IFP	FFP	ISIP	FSIP

REMARKS INCLUDING: CEMENTING, LOGGING, PERFORATING, ACIDIZING, FRACTURING, PLUGS

FROM	TO	DESCRIPTION OF WORK
12:00	12:15	RIG SERV
12:15	1:30	RUN IN W/BIT #3A
1:30	3:00	BREAK CIRC & WORK MUD REN GS OUT
3:00	4:00	DRLG 13¾" HOLE
4:00	4:15	SURVEY
4:15	6:15	DRLG 13¾" HOLE
6:15	6:30	SURVEY
6:30	7:00	DRLG 13¾" HOLE
7:00	8:00	CIRC COND HOLE FOR CSG.

DRILLER H. Christensen NO. HELPERS 4

8 A.M. TO 4 P.M.

START 912

BIT RECORD

NO.	SERIAL NO.	TYPE	SIZE	PROGRESS FROM	TO	FOOTAGE	HRS. RUN	END

DRILLING DATA

LINER SIZE	PUMP PRESSURE	TABLE SPEED	WEIGHT ON BIT
5½			

DRILLING STRING

SIZE	STANDS	SINGLES	DRILL COL	KELLY IN	CORE BBL.

MUD RECORD

TYPE OF MUD	WEIGHT	VIS	WL	PH	FC

ADDITIVES

CORING

NO.	FROM	TO	RECOVERED	FORMATION

DEG. AT FT. | DEG. AT FT. | DEG. AT FT.

DRILL STEM TESTS

NO. INTERVAL FORMATION

VALVE OPEN (MINS.) INITIAL SHUT-IN (MINS.) FINAL SHUT-IN (MINS.)

GAS TO SURFACE MIN. @ MCF/D MAX.

OIL TO SURFACE MIN. @ BBL/D MAX.

RECOVERY:

PRESSURES	IHP	FHP	IFP	FFP	ISIP	FSIP

FROM	TO	DESCRIPTION OF WORK
8:00	9:00	POH OUT OFF HOLE
9:00	11:00	RIG UP TO RUN CSG
11:00	4:00	START RUN CSG

DRILLER M.A. Boyko NO. HELPERS 7

4 P.M. TO 12 P.M.

START | PROGRESS | END

BIT RECORD

NO.	SERIAL NO.	TYPE	SIZE	FROM	TO	FOOTAGE	HRS. RUN

DRILLING DATA

LINER SIZE	PUMP PRESSURE	TABLE SPEED	WEIGHT ON BIT

DRILLING STRING

SIZE	STANDS	SINGLES	DRILL COL	KELLY IN	CORE BBL.

MUD RECORD

TYPE OF MUD	WEIGHT	VIS	WL	PH	FC

ADDITIVES

CORING

NO.	FROM	TO	RECOVERED	FORMATION

DEG. AT FT. | DEG. AT FT. | DEG. AT FT.

DRILL STEM TESTS

NO. INTERVAL FORMATION

VALVE OPEN (MINS.) INITIAL SHUT-IN (MINS.) FINAL SHUT-IN (MINS.)

GAS TO SURFACE MIN. @ MCF/D MAX.

OIL TO SURFACE MIN. @ BBL/D MAX.

RECOVERY

PRESSURES	IHP	FHP	IFP	FFP	ISIP	FSIP

FROM	TO	DESCRIPTION OF WORK
4:00	4:45	Finish running 10¾" casing
4:45		Circulate casing & work same
	6:00	Help rig up Halliburton to run cement
6:00	7:00	Run cement & displace
7:00	12:00	W.O.C.

DRILLER J. Halabisky NO. HELPERS 4

52 - 88Ax4
REV. 2/71Δ

Hudson's Bay Oil and Gas Company Limited

DAILY DRILLERS REPORT

DATE Jan 22/73

WELL NAME H.B. Amoco L. Island R. M-52
CONTRACTOR Regent Drilling
RIG NO. 3
TYPE RIG Brewster N-7
TOOL PUSHER L. Marcel

LDG. FLG. TO KB
K. B. ELEV. 22 13
GRD. ELEV. 2200

CASING RECORD	DEPTH	SIZE	WEIGHT	GRADE	CEMENT	ADD.	PLUG DOWN	COMPANY SUPERVISOR
								A. Simpson

DEPTH

12 P.M. TO 8 A.M.	8 A.M. TO 4 P.M.	4 P.M. TO 12 P.M.
START	START 460	START 614
PROGRESS	PROGRESS 154	PROGRESS 180
END	END 614	END 784

BIT RECORD

	NO.	SERIAL NO.	TYPE	SIZE	FROM	TO	FOOTAGE	HRS. RUN
12 P.M. TO 8 A.M.	1A	412 13 Retip	OSC3	13¾	~~2230~~ 0	460	460	16
8 A.M. TO 4 P.M.	1A	R.T.	OSC	13¾	0	460	460	16
	2A	RT	OSC3	13¾				
4 P.M. TO 12 P.M.	2	R.T	OSC3	13¾	460	784	324	6⅝

DRILLING DATA

12 P.M. TO 8 A.M.	LINER SIZE	PUMP PRESSURE	TABLE SPEED	WEIGHT ON BIT
	5½"			
8 A.M. TO 4 P.M.	LINER SIZE	PUMP PRESSURE	TABLE SPEED	WEIGHT ON BIT
4 P.M. TO 12 P.M.	5½	400	120	25.

DRILLING STRING

12 P.M. TO 8 A.M.	SIZE	STANDS	SINGLES	DRILL COL	KELLY IN	CORE BBL.
				14 - 410.45'	41	
8 A.M. TO 4 P.M.	SIZE	STANDS	SINGLES	DRILL COL	KELLY IN	CORE BBL.
4 P.M. TO 12 P.M.	4½			15. 61	23.	

MUD RECORD

12 P.M. TO 8 A.M.	TYPE OF MUD	WEIGHT	VIS	WL	PH	FC
ADDITIVES						
8 A.M. TO 4 P.M.	TYPE OF MUD	WEIGHT	VIS	WL	PH	FC
		9.	42			
ADDITIVES						
4 P.M. TO 12 P.M.	TYPE OF MUD	WEIGHT	VIS	WL	PH	FC
ADDITIVES						

CORING

12 P.M. TO 8 A.M.	NO.	FROM	TO	RECOVERED	FORMATION
8 A.M. TO 4 P.M.	NO.	FROM	TO	RECOVERED	FORMATION
4 P.M. TO 12 P.M.	NO	FROM	TO	RECOVERED	FORMATION

SURVEY

12 P.M. TO 8 A.M.						
	½ DEG. AT 320 FT.	½ DEG. AT 400 FT.	½ DEG. AT 460 FT.			
8 A.M. TO 4 P.M.	½ DEG. AT 551 FT.	0 DEG. AT 646 FT.	½ DEG. AT 739 FT.			
4 P.M. TO 12 P.M.	DEG. AT FT.	DEG. AT FT.	DEG. AT FT.			

DRILL STEM TESTS

12 P.M. TO 8 A.M.	NO.	INTERVAL	FORMATION
	VALVE OPEN (MINS.)	INITIAL SHUT-IN (MINS.)	FINAL SHUT-IN (MINS.)
	GAS TO SURFACE	MIN. @	MCF/D MAX.
	OIL TO SURFACE	MIN. @	BBL/D MAX.
	RECOVERY:		
	PRESSURES	IHP FHP IFP FFP ISIP FSIP	
8 A.M. TO 4 P.M.	NO.	INTERVAL	FORMATION
	VALVE OPEN (MINS.)	INITIAL SHUT-IN (MINS.)	FINAL SHUT-IN (MINS.)
	GAS TO SURFACE	MIN. @	MCF/D MAX.
	OIL TO SURFACE	MIN. @	BBL/D MAX.
	RECOVERY:		
	PRESSURES	IHP FHP IFP FFP ISIP FSIP	
4 P.M. TO 12 P.M.	NO.	INTERVAL	FORMATION
	VALVE OPEN (MINS.)	INITIAL SHUT-IN (MINS.)	FINAL SHUT-IN (MINS.)
	GAS TO SURFACE	MIN. @	MCF/D MAX.
	OIL TO SURFACE	MIN. @	BBL/D MAX.
	RECOVERY:		
	PRESSURES	IHP FHP IFP FFP ISIP FSIP	

REMARKS INCLUDING: CEMENTING, LOGGING, PERFORATING, ACIDIZING, FRACTURING, PLUGS

12 P.M. TO 8 A.M. FROM	TO	DESCRIPTION OF WORK
12 00	1 15	Drilling 13¾" hole
1 15	1 30	Run Survey @ 320'
1 30	3 00	Drilling 13¾ hole
3 00	3 30	Work on air lines
3 30	4 45	Drilling 13¾ hole
4 45	5 00	Run Survey @ 400'
5 00	6 30	Drilling 13¾" hole
6 30	7 15	Repair airline to #1 pump
7 15	8 00	Drilling 13¾" hole

DRILLER J. Halabisky NO. HELPERS 4

8 A.M. TO 4 P.M. FROM	TO	DESCRIPTION OF WORK
8	8 15	Rig Serv & Surv
8 15	12 30	Trip for Bit #2.
12 30	3 00	Drill
3	3 15	Surv
3 15	4	Drill

DRILLER A. Laychuk NO. HELPERS

4 P.M. TO 12 P.M. FROM	TO	DESCRIPTION OF WORK
4	4 15	Rig Ser.
4 15	5 30	Drill
5 30	5 45	Surv
5 45	11 00	Drill
11	12	Pull out of Hole.

DRILLER NO. HELPERS

52 - 88AX4
REV 2/71

Hudson's Bay Oil and Gas Company Limited

DAILY DRILLERS REPORT

DATE Jan 21/73

WELL NAME HB Amoco South Island Rose M-52
CONTRACTOR Regent
RIG NO. Rig 3
TYPE RIG
TOOL PUSHER
LDG. FLG. TO KB
K. B. ELEV. ~~2210~~ 2215 Est
GRD. ELEV. 2200 Est

CASING RECORD	DEPTH	SIZE	WEIGHT	GRADE	CEMENT	ADD / PLUG DOWN	COMPANY SUPERVISOR

	12 P.M. TO 8 A.M.	8 A.M. TO 4 P.M.	4 P.M. TO 12 P.M.
DEPTH	START	START 0	START 79
	PROGRESS	PROGRESS 79	PROGRESS 214
	END	END 79	END 293

BIT RECORD

NO.	SERIAL NO.	TYPE	SIZE	FROM	TO	FOOTAGE	HRS. RUN

8 A.M. TO 4 P.M.							
NO.	SERIAL NO.	TYPE	SIZE	FROM	TO	FOOTAGE	HRS. RUN
1A	R. Tip	OSC	13¾	0	79	79	2½

4 P.M. TO 12 P.M.							
NO.	SERIAL NO.	TYPE	SIZE	FROM	TO	FOOTAGE	HRS. RUN
1A	R. Tip	OSC	13¾	0	293	293	9¾

DRILLING DATA

12 P.M. TO 8 A.M.			
LINER SIZE	PUMP PRESSURE	TABLE SPEED	WEIGHT ON BIT

8 A.M. TO 4 P.M.			
LINER SIZE	PUMP PRESSURE	TABLE SPEED	WEIGHT ON BIT

4 P.M. TO 12 P.M.			
LINER SIZE	PUMP PRESSURE	TABLE SPEED	WEIGHT ON BIT

DRILLING STRING

12 P.M. TO 8 A.M.					
SIZE	STANDS	SINGLES	DRILL COL.	KELLY IN	CORE BBL.

8 A.M. TO 4 P.M.					
SIZE	STANDS	SINGLES	DRILL COL	KELLY IN	CORE BBL.

4 P.M. TO 12 P.M.					
SIZE	STANDS	SINGLES	DRILL COL	KELLY IN	CORE BBL.

MUD RECORD

12 P.M. TO 8 A.M.					
TYPE OF MUD	WEIGHT	VIS	WL	PH	FC
ADDITIVES Gel. 4000 # Caustic 50 # Lime 50 #					

8 A.M. TO 4 P.M.					
TYPE OF MUD	WEIGHT	VIS	WL	PH	FC
	8.8	40			
ADDITIVES Gel 1500 #					

4 P.M. TO 12 P.M.					
TYPE OF MUD	WEIGHT	VIS	WL	PH	FC
	8.8	40			
ADDITIVES					

CORING

12 P.M. TO 8 A.M.				
NO.	FROM	TO	RECOVERED	FORMATION

8 A.M. TO 4 P.M.				
NO.	FROM	TO	RECOVERED	FORMATION

4 P.M. TO 12 P.M.				
NO	FROM	TO	RECOVERED	FORMATION

SURVEY

12 P.M. TO 8 A.M.					
DEG. AT	FT.	DEG. AT	FT.	DEG. AT	FT.

8 A.M. TO 4 P.M.					
DEG. AT	FT.	DEG. AT	FT.	DEG. AT	FT.

4 P.M. TO 12 P.M.					
½ DEG. AT	109 FT.	½ DEG. AT	176 FT.	½ DEG. AT	265 FT.

DRILL STEM TESTS

12 P.M. TO 8 A.M.		
NO.	INTERVAL	FORMATION
VALVE OPEN (MINS.)	INITIAL SHUT-IN (MINS.)	FINAL SHUT-IN (MINS.)
GAS TO SURFACE	MIN. @	MCF/D MAX.
OIL TO SURFACE	MIN. @	BBL/D MAX.
RECOVERY:		
PRESSURES: IHP	FHP	IFP / FFP / ISIP / FSIP

8 A.M. TO 4 P.M.		
NO.	INTERVAL	FORMATION
VALVE OPEN (MINS.)	INITIAL SHUT-IN (MINS.)	FINAL SHUT-IN (MINS.)
GAS TO SURFACE	MIN. @	MCF/D MAX.
OIL TO SURFACE	MIN. @	BBL/D MAX.
RECOVERY:		
PRESSURES: IHP	FHP	IFP / FFP / ISIP / FSIP

4 P.M. TO 12 P.M.		
NO.	INTERVAL	FORMATION
VALVE OPEN (MINS.)	INITIAL SHUT-IN (MINS.)	FINAL SHUT-IN (MINS.)
GAS TO SURFACE	MIN. @	MCF/D MAX.
OIL TO SURFACE	MIN. @	BBL/D MAX.
RECOVERY:		
PRESSURES: IHP	FHP	IFP / FFP / ISIP / FSIP

REMARKS INCLUDING: CEMENTING, LOGGING, PERFORATING, ACIDIZING, FRACTURING, PLUGS

12 P.M. TO 8 A.M.		
FROM	TO	DESCRIPTION OF WORK
12.	8.00	Rig To Spud. & mix Mud

8 A.M. TO 4 P.M.		
FROM	TO	DESCRIPTION OF WORK
8.	12.00	Rig up & mix Mud
12.	1.30	Rig To Spud.
1.30	400	Drill
		Spudded w/ Jan 21/73 @ 1.30 P.M.

4 P.M. TO 12 P.M.		
FROM	TO	DESCRIPTION OF WORK
4	5.30	Drill
5.30	5.45	Survey
5.45	8.45	Drill
8.45	9.00	Survey
9	11.15	Drill
11.15	11.30	Survey
11.30	12	Drill

109 - ½°
176 - ½
265 - ½

DRILLER
NO. HELPERS

DRILLER M. Roychuk
NO. HELPERS

DRILLER
NO. HELPERS

TRAVERSE TABLE

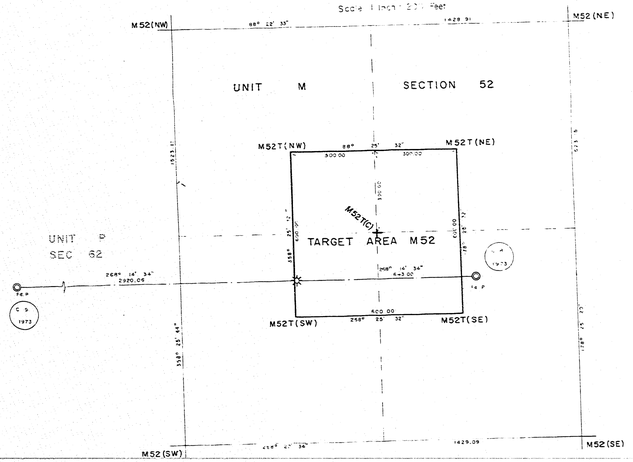
ALL NORTH CO-ORDINATES TO BE PREFIXED BY 21 MILLION e.g. 21,843 930.76

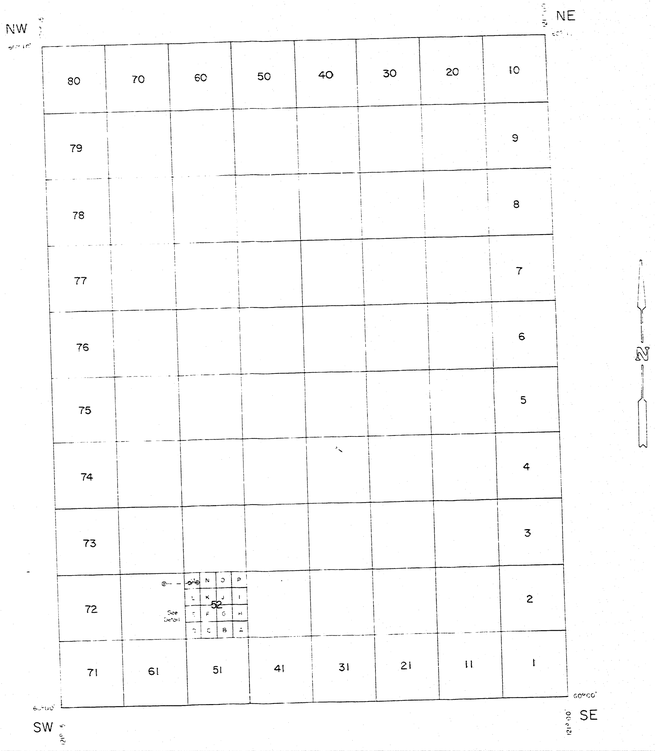
STATION	ANGLE	BEARING	DISTANCE	TOTAL CO-ORDINATES NORTH	TOTAL CO-ORDINATES EAST	BEARING TREES
C 8				838 947.76	332 627.64	47 MTHL 124° 39' 30" S 57.0 W 2369.46 21.7
Well Location M52	89° 00' 00"	268° 14' 34"	433.00	843 911.05	331 877.94	
C 9		268° 14' 34"	2920.09	841 921.32	328 959.26	2 PINE 334° 00' 17.5 3 PINE 280° 45' 24.0
NE				894 5.9.01	364 238.96	
SE				833 690.76	366 082.91	
NW				893 226.26	318 7.6.75	
SW				832 323.64	320 329.55	
M52 (NE)				844 868.73	332 861.97	
M52 (SE)				843 346.19	332 903.91	
M52 (NW)				804 828.23	331 433.63	
M52 (SW)				843 305.69	331 475.39	
M52T (NE)				844 355.54	332 467.38	
M52T (SE)				843 793.17	332 476.44	
M52T (NW)				844 316.80	331 860.41	
M52T (SW)				844 279.98	331 877.98	
M52 T (C)				841 087.21	332 68.73	

UNIT D

Detail

Scale 1 Inch = 2.0 Chains





UNIT L

PROVISIONAL

THIS PRINT IS FOR YOUR INTERIM REFERENCE ONLY AND IS NOT TO BE USED FOR OFFICIAL PURPOSES.

PLAN AND FIELD NOTES

OF SURVEY OF

"HB AMOCO S ISLAND R M-52" IN TARGET AREA M52, 60°10', 121°00'

NORTHWEST TERRITORIES

(SECTION 14 , CANADA OIL AND GAS LAND REGULATIONS)

SCALE: 1 INCH = 5000 FEET

THIS SURVEY WAS EXECUTED BY LAWRENCE O. OLSEN , D. L. S., JANUARY 10 TO JANUARY 13 , 1973 .

LEGEND

Bearings are referred to longitude 123° W and are derived from the bearing 268°14'34" between authorized control monuments C8 and C9 as shown on plan C.L.S.R.

C.L.S. standard posts ◎ (69 Type)

Traverse lines

All co-ordinates are based on the Territorial Plane Co-ordinate System with origin longitude 123° W at the Equator

Conversion Factor (0.999941) was applied to all distances when computing T.P.C.S. co-ordinates.

Lands dealt with by this plan bounded thus

Proposed Well Location shown thus ☼

M52 Well as located is 131.98' North and 0.85' East of the S.W. corner of the Target Area of Unit M.

Ground Elev. 2259.0'

Elevations are referred to top of Boundary Mon No 69 (Elev. 2102.82')

U.W.I.P. Co-ordinates Lat. 60.03064°
Long. 121.18521°

I, Lawrence O. Olsen, of the City of Edmonton, Dominion Land Surveyor, make oath and say that I have in my own proper person complied to law and the instructions of the Surveyor General of Canada Lands, carefully and correctly executed the survey shown by this plan and field notes, and that the said plan and field notes are correct and true to the best of my knowledge and belief.

Sworn before me at Edmonton this 17 day of January, 1973.

A Commissioner for Oaths in and for the Province of Alberta.

Lawrence O. Olsen
Dominion Land Surveyor

POOR COPY