

CPOG CHEVRON TATHLINA
K-24

WELL NAME: CPOG Chevron Tatalina K-24

FIELD

LOCATION: Unit

K

Area

24

Section

Grid 60-40-118-00

Latitude 60-33-39.36

Longitude 118-04-58.3

U.W.L.R. 60.56593 -- 118.08286

U.W.I. 300K24604011800

Rig Release Date:

Status

Information Release Date

CHANGE OF NAME

DATE RECEIVED

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21-1-70

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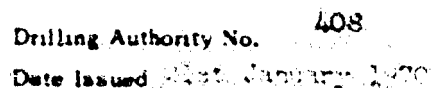
Well Card.

New Service Well Report.

Monthly Water Flood Operations Report

Monthly Water Receipts and Disposal of Fluids Report

Logs. Large scale..... Small scale.....



1400 W. 9th St., Apt. 101

To be submitted in duplicate within thirty days after the completion, rework, abandonment, recompletion or suspension of every well.

Well name and number EPOG Chevron Tathlina K-24

Permit No. 3512 Lease No.

Chevron Standard Limited Exploratory Licence No. 1283
(Permitter, Licensee, Lessee)

Canadian Pacific Oil & Gas Ltd. Exploratory Licence No. 1221
(Operator)

Location Unit K Section 24 Grid 60°40'N ; 118°00'W

Latitude 60°33'39.36"N Longitude 118°04'58.3"W

Unique well identifier 304712210000

Universal Well Location Reference Lat. 60.56593°N Long. 118.08286°W

CASING RECORD

[illegible]

CEMENTING RECORD (Plug, Squeeze, etc.)				PERFORATING RECORD (Bullet, Jet)				SERVICING RECORD (Acidizing, Fracing, etc.)			
Date	From	To	Remarks	Date	From	To	Remarks	Date	From	To	Remarks
5th Apr/70	3451	3050	170 sacks cement								
"	2800	2700	50 sacks cement + 3% CaCl ₂ Felt @ 2705'								
6th Apr/70	430	330	50 sacks cement + 3% CaCl ₂ Felt @ 340'								
"	Surface		5 sacks cement. Cut off casing 3' below ground level. Erected Well Identifier Sign and welded on plate.								

DRILL STEM TESTS

No.	Date	Formation	From	To	V.O. Mins.	I.S.L. Mins.	P.S.L. Mins.	I.S.L.R.H.P.	F.S.L.R.H.P.	I.F.R.H.P.	F.F.R.H.P.	L.H.P.	F.H.P.	REMARKS
1	30/3/70	Slave Point	2882	2822	90	30	120	925	1203	37	40	1384	1384	Miss Run
2	30/3/70	Slave Point	2882	2822	60	60	60	492	124	49	52	1408	1404	Miss Run
3	1/4/70	Slave Point	2882	2832	60	60	60	411	1412	124	1412	1584	1580	30' mud. GTS in 1 min 30" fluid throughput test.
4	5/4/70	Slave Point	2910	2950	60	60	60							20' mud
5	6/4/70	Presqu'ile	3230	3320	60	60	60							90' mud 3060' water

ANALYSIS

Lab. No.	Sample	From	To	Source	Remarks
CNP-4-5071	Core	2882	2914	Core #1	Rec. 31.3'
CAL-2-2107	Chemical	2822	2882	DST #2	
"	"	2832	2882	DST #3	
"	"	2910	2950	DST #4	
"	"	3130	3320	DST #5	

PRESENT STATUS OF WELL

Oil	(Interval)
Gas	(Interval)
Dry	D & A
Susp.	

Company Canadian Pacific Oil and Gas Limited

Signed by

Title Drilling Operations Superintendent

Date May 6th, 1970

Form to be prepared in duplicate and forwarded to the Oil Conservation Engineer, Calgary, Alberta.



File No. 408
Drilling Authority No.

DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT
OIL AND MINERAL DIVISION

Application to Abandon a Well

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 CPOG Chevron Tathlima L-24
Location: Unit Section 24 Grid 60°40'N : 118°00'W
Latitude 60°33'39.36"N Longitude 118°04'56.1"W
From Established Reference Marker Line 4, Shot Point 31
Universal Well Location Reference Lat. 60.56093°N Long. 118.08285°W
Permit No. 3512 Lease No.

Chevron Standard Limited
Oreham, Laramie, Canada

Date of commencement of proposed program April 6th, 1970

OIL, GAS, AND WATER ENCOUNTERED (Depths)

Oil at
Gas at 2832 - 2832' (DST #3)
Water at 3120 - 3120' (DST #1)
Total Depth 3451 Date of last operations April 6th, 1970
Present condition of well D & A

CASING RECORD

Casing Size O.D. Inches	Weight	Amount	Net At	Notes of Cement and Additives	Amount Poured
1. 8 5/8	24.7	13 joints	322	100% Cement	
2.					
3.					
4.					
5.					

PROPOSED ABANDONMENT PROGRAM

No.	Plug Position	Geological Formation	Number of Sacks of Cement	Remarks
1	3050' - 3451'		170	No seal
2	2700' - 2800'		50 + 3% CaCl ₂	Tagged at 2705'
3	330' - 430'		50 + 3% CaCl ₂	Tagged at 340'
4		Cut off casing 3' below ground level. Dropped 5 sacks plug. Welded on plate.		

The following logs have been run DIL, BCS-GRC, PDL, SEP, Lithology
Other operations proposed

Operations to be carried out by Regent Drilling (11) Contractor Licence No. 501
Address 1200 Calgary House, Calgary 1, Alberta Address
Responsible Agent in field, Leo Kuvratil
Dated at Calgary, this 6th Day of May 1970
Signed by [Signature] Company Canadian Pacific Oil and Gas Ltd.
Title Drilling Operations Superintendent's Exploratory Licence No. 1221

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

(For OIL AND MINERAL DIVISION use only)

APPROVAL

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

Confirming oral approval given by Mr. B.H.J. Thoms
on the 5th April 1970.

Dated 15th June, 1970.

[Signature]
Oil Conservation Engineer

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

Drilling Authority No. 408

Project No.

File No.



DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT
RESOURCE MANAGEMENT DIVISION
OIL AND MINERAL DIVISION

Application for a Drilling Authority

This notice of intention to begin drilling operations, in triplicate, and where required a plan, must be submitted to 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 **CPUC Chevron Dethling E-24**
Location Unit **E** Section **24** Grid **60°40'N 118°00'W**
Latitude **60°33'39.34" N** Longitude **118°04'55.37" W**
From Established Reference Marker **Line 4, Shot Point 31**
Universal Well Location Reference Lat. **60°36'59.3" N., 118°08'28.6" W.**
Elevation Ground **1022'** K.R. **1034'** feet above sea-level.
Well is expected to produce from **Slave Point** formation at a depth
of about **2850 K.L.** feet. Expected total final depth **3450'**
Area assigned to well

(For Oil Conservation Engineer's use only)

Permit No. **3512** Location **Alberta** Acreage **62,840**
Permitter, licensee, or lessee **Chevron Standard Limited**
Exploratory Licence No. **1283**
Surface owned by Crown or **Crown**
Petroleum and natural-gas rights owned by **Crown**
(For information submit name and address of owner and occupant)

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	Scale of Cement
1. 8 5/8	24.5	J-55	New	350'	To Surface
2.					
3.					
4.					
5.					

Expected water, gas, and oil horizons and type of control equipment **Hy-Drill Model CK 900 x 10"**
Ram type **R.C.P. Cameron SS 900 x 10"**. Closing unit **Payne - 40 gals.**
Shaffer drill pipe Safety valve. Shaffer Kelly Cock.

Well will be drilled with Rotary Rig No. **11-11** by **Regent Drilling Co., Ltd.**
(Drilling Contractor or company)

Responsible agent of applicant:—

At well

Address

Contractor's business Licence No. **501**

At registered office

Address **A.W. Groll**
205 Ninth Avenue S.E., Calgary 21, Alta.

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

Dated at **Calgary**

this **19th** day of **January** 19 **70**

Signed by

Title

H.K. [Signature]
Drilling Superintendent

Company

Canadian Pacific Oil & Gas Ltd.

Operator's Licence No. **1221**

(For Resource Management Division use only)

APPROVED

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

1. The Company will submit to this office, on Tuesday of each week, the latest reports received by radio on the progress of the well.
2. During well drilling and testing operations, every effort shall be made to ensure

Dated **21st January** 19 **70** Please see over page

Oil Conservation Engineer

Forms to be submitted to Oil Conservation Engineer,
Department of Indian Affairs and Northern Development, Calgary, Alberta.

IAND 52-90-1 (3-6-)

UNIQUE WELL IDENTIFIER - 300K246040118000

that Drilling fluids, chemicals and wastes shall be disposed of or contained in a manner that will prevent the contamination of adjacent vegetation and surface or sub-surface waters.

3. We draw your attention to Sections 95 and 96 of the Canada Oil and Gas Land Regulations.
4. Intermediate and production strings of casing are to receive the approval of the Oil Conservation Engineer.

B. L. J. Thoms
B.L.J. Thoms, Oil Conservation Engineer

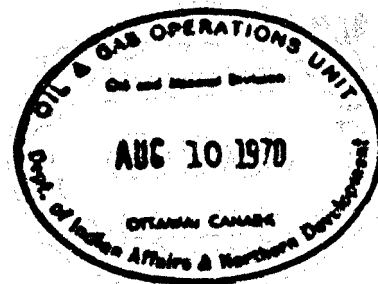
651-11-4-6

WELL HISTORY REPORT

CP03 Chevron Tathlina K-24

60-33-31.36

CPOG Chevron Tathlina K-24



WELL HISTORY REPORT

on

CPOG Chevron Tathlina K-24

Unit K, Sec. 24, Grid. 60°40'N ; 119°00'W

Northwest Territories

CPOG Chevron Tathlina K-24

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WELL HISTORY REPORTSECTION I(a) Well Name and Number:

CPOG Chevron Tathlina K-11
Unit K, Sec. 24, Grid. 60°40'N ; 118°00'W

(b) Permitter:

Chevron Standard Limited

(c) Operator:

Canadian Pacific Oil and Gas Limited
205 Ninth Avenue S.E., Calgary 21, Alberta

(d) Location:

Unit K, Sec. 24, Grid. 60°40'N ; 118°00'W
Latitude: 60°33'39.36"N Longitude: 118°04'58.3"W
Universal Well Reference:
Latitude: 60.5653°N Longitude: 118.08286°W
Unique Well Identifier: 3000246040118000

(e) Development Well:

Nil

(f) Permit Number:

3512

(g) Drilling Contractor:

Regent Drilling Co. Limited
Rig No. 11-H

(h) Drilling Authority Number:

No. 408, January 21st, 1970

(i) Classification:

Exploratory Wildcat

(j) Elevations:

Ground Level	1022 feet
Kelly Bush	1035 feet

(con't.....)

- (k) Spudded:
March 23rd, 1970
- (l) Completed Drilling:
April 3rd, 1970
- (m) Total Depth:
3451 feet
- (n) Well Status:
Dry and Abandon
- (o) Rig Release:
April 6th, 1970
- (p) Hole Sizes:
12 1/4" 0 - 382'
7 7/8" 382' - Total Depth
- (q) Casing:
8 5/8" 0 - 382'

(cont.....)

Section II Geological Summary

(a)

<u>Formation Tops</u>	<u>Mechanical Logs</u>	<u>Samples</u>
Devonian		100
Kakisa	509	510
Redknife	650	660
Tathlina	890	890
Twin Falls	1378	-
Hay River	1867	1900
Horn River	2642	2660
Slave Point	2825	2830
Watt Mountain	2989	2990
Sulphur Point	2995	2995
Presqu'ile	3079	3085
Lower Keg River	3313	3315
Chinchaga	3381	3385
Granite Wash	3403	3405
Precambrian	3412	3415
Total Depth	3451	

(b) Cored Intervals - Core #1: 2882 - 2914 Slave Point
Rec. 31.3 feet

(c) Core Description - SEE SAMPLE DESCRIPTION

(c)

SAMPLE DESCRIPTION

Sample quality poor from 390 to 2,000' and fair from 2,000 to 2,500'. Samples were lagged from 2,000 to T.D.

- 0 - 40 No Sample.
- 40 - 100 Glacial till, limestone, from 60% above to 80% below; Granite 20% to 5% below; Quartzite 10% to 5%; and Basic Igneous 10%.
- 100 - 120 Limestone, light grey brown, mottled medium grey, micro-crystalline, very fossiliferous, silty and slightly dolomitic, Ostracods, Crinoids and Foraminifera.
- 120 - 460 Limestone, light to medium brown, microcrystalline, fractures infilled with very fine crystalline calcite, micrite, disseminated pyrite, slightly argillaceous and silty, Crinoids, Ostracods, few Brachiopods and Pelecypods.
- 460 - 510 Sandstone, 80%, very fine grained, silty, calcite cement, slightly argillaceous; interbedded with siltstone, 20%, light brown, calcareous.
- 510 - 580 Limestone, light brown to white, micro to very finely crystalline, trace of silty, sparry calcite in part, pellets, intercrystalline and earthy porosity.
- 580 - 600 Siltstone, light brown, very calcareous, slightly argillaceous, few quartz grains interbedded with thin minor beds of limestone, as above.
- 600 - 680 Limestone, light brown, micro to very finely crystalline, very fine sandstone grains, slightly dolomitic and argillaceous, very silty below.
- 680 - 820 Siltstone, 40%, light grey-brown, calcareous, very fine sandstone grains, siderite, pyrite. Limestone, 30%, light brown, micro to very finely crystalline, silty, disseminated pyrite; Sandstone, 30%, light grey-brown, very fine to fine grained, glauconitic, disseminated pyrite, silty, argillaceous.
- 820 - 930 Siltstone, 50%, as above; interbedded with shale, light grey-green, soft, waxy streak, micaceous, silty, becomes red-brown, thinly laminated below.
- 930 - 1190 Siltstone, 70%, as above, very fine sand grains, argillaceous and calcareous. Sandstone, 20%, light grey-brown, slightly argillaceous, calcareous, micaceous, silty, glauconitic. Shale, 10%, medium red-brown, thinly laminated, micaceous. Limestone stringers below, light brown, microcrystalline, argillaceous, silty, Gastropods, Ostracods.

- 1190 - 1770 Siltstone, 75%, light grey-brown, disseminated pyrite, argillaceous, calcareous. Limestone, 20%, light brown, micro to very finely crystalline, disseminated pyrite, cherty, silty, slightly dolomitic, coquina at 1,280', increasing Limestone beds below. Shale, light to medium green, red-brown in part, soft waxy streak, thinly laminated; stringers Sandstone, very fine to finely grained, medium grey-brown, calcareous, quartz grains, silty.
- 1770 - 2090 Siltstone, 90%, light grey-green, calcareous, argillaceous, micaceous, glauconitic. Shale, medium red-brown and medium grey-green, thin bedded, silty, soft waxy streak. Interbedded with Sandstone stringers, very fine grained, light grey, calcareous, glauconitic.
- 2090 - 2450 Shale, 50%, light to medium green and maroon, thin bedded, soft, slightly silty. Interbedded with Siltstone stringers, 49%, light to medium grey-green, calcareous, argillaceous, micaceous. Thin Limestone stringers, light grey, micro to very finely crystalline, argillaceous, silty, trace of pyrite, Brachiopod or Pelecypod fragments.
- 2450 - 2650 Shale, medium green to brown, thin bedded, soft, micaceous, slightly silty, in part red-brown.
- 2650 - 2790 Shale, dark grey, thin bedded, micaceous, silty, soft, light grey to dark brown waxy streak below, carbonaceous.
- 2790 - 2830 Mudstone, dark grey to black, silty, carbonaceous.
- 2830 - 2990 Slave Point - Limestone, light to medium brown, micro to very finely crystalline, slightly argillaceous, bituminous stylolites, trace of pyrite and dolomite below, pel micrite, sparry calcite in fossil fragments, 2 - 6% intergranular and fragmental porosity with some oil staining from 2,860 to 2,930', bleeding oil and gas from fractures in core, Amphipora, Stromatoporoids, and Brachiopods.
- 2990 - 3085 Watt Mountain - Sulphur Point - Limestone, light grey-brown to medium brown, micro to very finely crystalline, pel sparite, bituminous stylolites, disseminated pyrite and dolomite; interbedded with minor green argillaceous pyritic partings.
- 3085 - 3315 Presqu'ile - Dolomite, light to medium brown, becomes dark brown to black, very fine to finely crystalline with coarse white dolomite rhombs lining fractures and vugs, sucrosic, bituminous, trace of pyrite, slightly argillaceous, sparry calcite below, vuggy and intercrystalline porosity.
- 3315 - 3385 Lower Keg River - Limestone, 95%, medium to dark grey brown, microcrystalline, argillaceous, earthy, disseminated pyrite, few dolomite rhombs, slightly bituminous, minor fractures with sparry calcite; interbedded below with 5% Dolomite,

medium to dark brown, micro to very fine crystalline, argillaceous, bituminous, calcareous.

- 3385 - 3405 Upper Chinchaga - Dolomite, light brown, microcrystalline, thin bedded to laminated, earthy porosity, disseminated pyrite, trace of organic material. Anhydrite, light grey, microcrystalline, thin bedded, disseminated above and interbedded with dolomite below.
- 3405 - 3415 Granite Wash - Dolomite, light brown, quartz grains, argillaceous; becomes Sandstone, medium grey with a light brown dolomite cement. Granite, light red to pink, orthoclase, quartz, trace of mafic minerals.
- 3415 - 3451 PreCambrian - Granite, light red, mostly quartz and orthoclase with a trace to 5% mafic minerals.
-

DRILL STEM TESTS

DST #1: 2822 - 2882

Slave Point Formation
Hole was bridged off about 1000 feet from bottom. Misrun.

DST #2: 2822 - 2882

Slave Point Formation
Fair initial puff. The mud held for 4 minutes on preflow then dropped. The mud dropped very slowly on flow with the air blow remaining active throughout. The tool was skidded 10 feet to bottom causing packer rubber to rupture and cause a partial packer seat failure. Misrun.

DST #3: 2832 - 2882

Slave Point Formation
Fair initial puff on preflow. Fair blow with gas to surface in 20 minutes on flow. Three foot flare remaining steady throughout test.

ISI	30	VO	90	FSI	120
IHP	1384			FHP	1384
ISIP	925			FSIP	1203
IFP	37			FFP	40

Temperature - Fluid Recovery: 30' mud

DST #4: 2910 - 2950

Slave Point Formation
Very weak initial puff on preflow. Very weak blow when tool opened for flow and dead after 10 minutes.

ISI	60	VO	60	FSI	60
IHP	1408			FHP	1404
ISIP	492			FSIP	124
IFP	39	IFP	49	FFP	52

Temperature - Fluid Recovery: 20' mud

DST #5: 3230 - 3320

Presqu'ile

Strong initial air puff on preflow. Strong air blow when tool opened for flow, dead in 40 minutes.

ISI	60	VO	60	FSI	60
IHP	1584			FHP	1580
ISIP	1411			FSIP	1412
IFP	1224	IFP	1242	FFP	1412

Temperature - 104° Fluid Recovery: 90' mud
3060' water

DRILL STEM TESTING & COPENG LTD.

EDMONTON: PHONE 433-7793

CALGARY: PHONE 269-3925

P.O. BOX 4188, EDMONTON, ALBERTA

TEST NUMBER

1

Date Nov. 30, 1970
 Customer CANADIAN PACIFIC OIL & GAS LTD.
205 - 9th AVENUE S.E.
CALGARY 21, ALBERTA
 Well Name CPOC CHEVRON TATHILINA K-24
 Location 60 33'39.36 118 04'58.03
 Area TATHILINA LAKE N.W.T.
 Formation TIGHT HOLE
 Est. Pay Thick. ---
 Ticket No. B-1188
 Purchase Order No. 32417

Interval 2822' TO 2882'
 Test Duration MIS-RUN
 Initial Hydrostatic 674
 Final Hydrostatic ---
 Initial Flowing ---
 Final Flowing --- after --- mins.
 Initial Shut-In --- after --- mins.
 Final Shut-In --- after --- mins.
 Blow ---
 Recovery ---

Mud Type GEL. CHIM. Size Full Hole 7-7/8" Size Rubber 7"
 Mud Wt. 9.2 Size Rat Hole NIL O.D. Drill Collar 6-1/4"
 Vis. 38 Size & Type Pipe 4-1/2" P.H. O.D. Sub or T.J. 5-5/8"
 W. L. --- Time Circulated 1 Hrs. Tool Length 52.90'
 pH 11 Where Circulated ON BOTTOM Rat Hole Length ---
 F. C. --- Bit off Bottom 4.30 P.M. Difference ---
 Condition TIGHT-BRIDGED Formation TIGHT HOLE Total Depth 2882'
 TEST EXTRAS: SAFETY JT. PUMP OUT SUB.

Type of Test BOTTOM HOLE Wt. to Set Packer MIS-RUN To Pull Loose
 Initial Puff --- Gas Flow --- Size Bean 3/4" Fluid Cushion NIL
 Temp. --- Gravity --- No. Drill Collars 16(4x90) Length 477.21' LD's 2-7/8"

PRESSURES

FLUID RECOVERY

Started In 8.00 A.M. Recorder No. ---
 Tool Open --- M. Depth Run ---
 " Closed --- M. Hydrostatics ---
 " Open --- M. Flow ---
 " Closed --- M. Initial S.I.P. ---
 " Loose --- M. Final S.I.P. ---
 " Out 10.00 A.M. Difference ---

2832	3152	
672	674	

Mud ---
 Oil ---
 Water ---
 Total ---
 Sampled at ---

Description of Fluid ---

Witnessed By: ---

REMARKS: HOLE WAS TIGHT AT 11 STANDS OFF BOTTOM. PULLED OUT TO CONDITION HOLE.

TEST MIS-RUN

R.H. GUNDERSON

Testing Supervisor

L.W. NAVRATIL

Customer's Representative

D.S.T. # 1

WELL NAME

CPOC CHEVRON TATHILINA K-24

RECORDED 7847

MIS-RUN

672

RECORDED 3152

MIS-RUN

674

DRILL STEM TESTING & COPI'NG LTD.

EDMONTON: PHONE 433-7293

CALGARY: PHONE 269-2923

P.O. BOX 4188, EDMONTON, ALBERTA

TEST NUMBER

2

Date MARCH 30, 1970,
 Customer CANADIAN PACIFIC OIL & GAS LTD.
205 - 9th AVENUE S.E.
CALGARY 21, ALBERTA.
 Well Name CPOG CHEVRON TATHILINA K-24
 Location 60 33'39.56 118 04'58.03
 Area TATHILINA LAKE, N.W.T.
 Formation TIGHT HOLE
 Est. Pay Thick. ---
 Ticket No. D-1189
 Purchase Order No. 32417

Interval 2822' TO 2882'
 Test Duration MIS-RUN (169 MINUTES)
 Initial Hydrostatic 1393
 Final Hydrostatic 1379
 Initial Flowing ---
 Final Flowing --- after 60 mins.
 Initial Shut-In --- after 15 mins.
 Final Shut-In 1204 after 90 mins.
 Blow ---
 Recovery 325'

Mud Type GEL. CHEM. Size Full Hole 7-7/8" Size Rubber 7"
 Mud Wt. 9.3 Size Rat Hole NIL O.D. Drill Collar 6-1/4"
 Vis. 100 Size & Type Pipe 4-1/2" P.H. O.D. Sub or T.J. 5-5/8"
 W. L. 5.6 Time Circulated 4 Hrs. Tool Length 52.90'
 pH 12. Where Circulated ON BOTTOM Rat Hole Length ---
 F. C. 2/32 Bit off Bottom 3.15 AM. Difference ---
 Condition 10' OF FILL Formation TIGHT HOLE Total Depth 2882'
 TEST EXTRAS: SKID TO BOTTOM, SAFETY JT. PUMP OUT SUB. SAMPLER, PAIR SAFE HEAD.

Type of Test BOTTOM HOLE Wt. to Set Packer 40,000 30,000 To Pull Loose
 Initial Puff PAIR Gas Flow NIL Size 3/4" Fluid Cushion NIL
 Temp. 104 Gravity --- No. Drill Collars 18(41890) Length 477.21' I.D.'s 2-7/8"

PRESSURES

FLUID RECOVERY

Started In 5.00 A.M. Recorder No. ---
 Tool Open 7.46 A.M. Depth Run ---
 " Closed 7.50 A.M. Hydrostatics ---
 " Open 8.05 A.M. Flow ---
 " Closed 9.05 A.M. Initial S.I.P. ---
 " Loose 10.35 A.M. Final S.I.P. ---
 " Out 12.01 P.M. Difference ---

2832	3152	
2830'	2836'	
1384-1378	1393-1379	
SEE CHARTS	---	
---	---	
1203	1204	

Mud 325'
 Oil ---
 Water ---
 Total 325'
 Sampled at DRILL COLLAR

Description of Fluid 325' DRILLING MUD.

Witnessed By: ---

REMARKS: PAIR INITIAL PUFF, MUD HELD FOR 4 MINUTES ON PRE-FLOW THEN DROPPED RAPIDLY.
SHUT TOOL IN FOR 15 MINS. MUD DROPPED VERY SLOWLY ON FLOW - BLOW REMAINED ACTIVE
THROUGHOUT FLOW PERIOD. HAD TO SKID TOOL 10' TO BOTTOM, CAUSING PACKER RUBBER TO
RUPTURE AND CAUSE PARTIAL PACKER SEAT FAILURE.

TEST MIS-RUN.

R.H. GUNDERSON.

Testing Supervisor

L.W. NAVRATIL.

Customer's Representative

D.S.T. # 2

WELL NAME

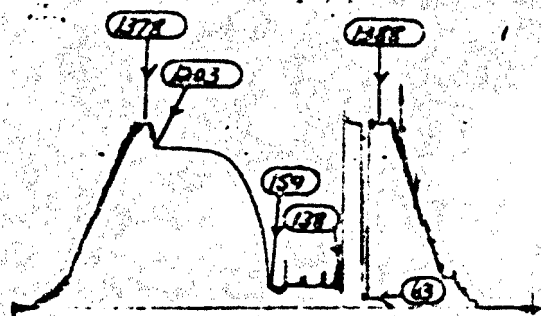
CPOG CHEVRON TATHILINA K-24

CPOG CHEVRON TATHLINA K-24

DST-2 TICKET-B-1189

RECORDER 223

MIS-RUN

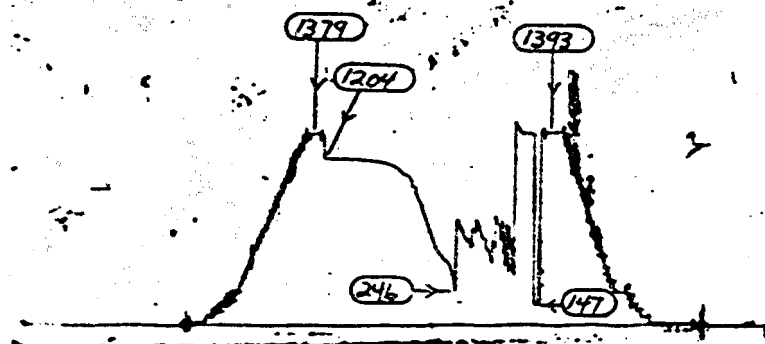


CPOG CHEVRON TATHLINA K-24

DST-2 TICKET-B-1189

RECORDER 3152

MIS-RUN



DRILL STEM TESTING & CORKING LTD.

EDMONTON, PHONE 433-7793

CALGARY, PHONE 249-3923

P.O. BOX 4188, EDMONTON, ALBERTA

TEST NUMBER

3

Date MARCH 31, 1970.
 Customer CANADIAN PACIFIC OIL & GAS LTD.
205 - 20th AVENUE S.E.
CALGARY 21, ALBERTA.
 Well Name CPOG CHEVRON TATILINA K-24
 Location 60 33' 39.36 118 04' 54.03
 Area TATILINA LAKE, N.W.T.
 Formation TIGHT HOLE
 Est. Pay Thick ----
 Ticket No. B-1120
 Purchase Order No. 32417

Interval 2632' TO 2682'
 Test Duration 245 MINUTES
 Initial Hydrostatic 1384
 Final Hydrostatic 1314
 Initial Flowing 37
 Final Flowing 40 after 50 mins.
 Initial Shut-In 925 after 30 mins.
 Final Shut-In 1203 after 120 mins.
 Blow PAIR
 Recovery 30'

Mud Type GEL CUM Size Full Hole 7-7/8" Size Rubber 7"
 Mud Wt. 9.0 Size Rat Hole NIL O.D. Drill Collar 6-2/4"
 Vis. BO Size & Type Pipe 4-1/2" P.H. O.D. Sub or T.J. 5-5/8"
 W. L. 5.6 Time Circulated 1 Hrs. Tool Length 73.15'
 pH 12 Where Circulated ON BOTTOM Rat Hole Length ---
 F. C. 2/32 Bit off Bottom 4.15 A.M. Difference ---
 Condition --- Formation TIGHT HOLE Total Depth 2682'
 TEST EXTRAS: SAFETY JT. DOUBLE SHUT IN. PUMP OUT SUB. SAMPLER. PAIL SAFE HEAD. 1 EX.

Type of Test DUAL BOTTOM HOLE Wt. to Set Packer 35,000 To Pull Loose
 Initial Puff PAIR Gas Flow P.S.T.H. Size Been 3/4" Fluid Cushion NIL
 Temp. --- Gravity --- No. Drill Collars 16(4' H90) Length 477.21' I.D.'s 2-7/8"

PRESSURES

FLUID RECOVERY

Started In 6.45 A.M. Recorder No. 2632
 Tool Open 8.05 A.M. Depth Run 2642'
 " Closed 8.10 A.M. Hydrostatics 1385-1381
 " Open 8.40 A.M. Flow 29-29
 " Closed 10.10 A.M. Initial S.I.P. 927
 " Loose 12.10 P.M. Final S.I.P. 1203
 " Out 3.15 P.M. Difference 276

2632	3152
2642'	2647'
1385-1381	1384-1384
29-29	37-40
927	925
1203	1203
276	278

Mud 30'
 Oil ---
 Water ---
 Total 30'
 Sampled at TOP OF TOOL

Description of Fluid 30' SLIGHTLY GAS CUT DRILLING MUD.

Witnessed By: ---

REMARKS: FAIR INITIAL AIR PUFF ON PRE-FLOW. PAIR BLOW WITH GAS TO SURFACE IN
ONE MINUTE ON FLOW. 3' PLARE REMAINING STEADY THROUGH TEST. GAS TOO SMALL
TO MEASURE.
SAMPLER # 13 DRAINED ON LOCATION.

TEST SATISFACTORY.

R.H. GUNDERSON.

Testing Supervisor

L.W. NAVRATIL.

Customer's Representative

D.S.T. # 3

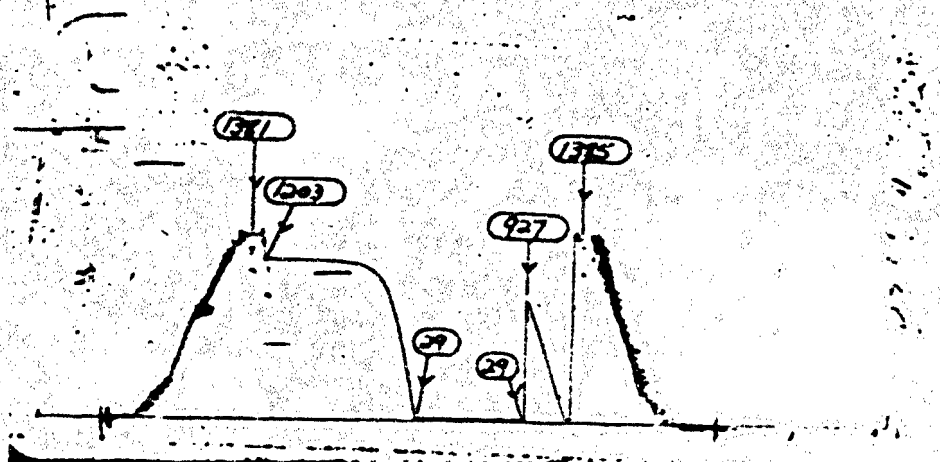
WELL NAME

CPOG CHEVRON TATILINA K-24

POG CHEVRON TATHLINA K-24

DST-3 TICKET-B-1190

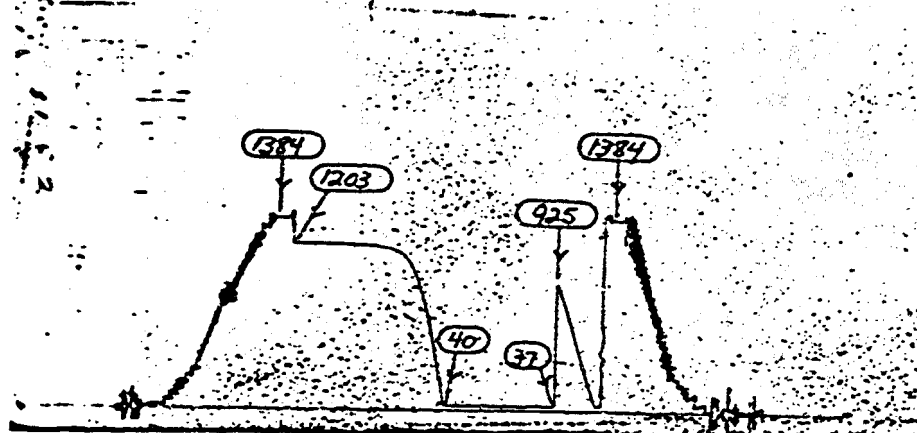
RECORDER-2932



POG CHEVRON TATHLINA K-24

DST-3 TICKET-B-1190

RECORDER-3152



DRILL STEM TESTING & COPI'NG LTD.

EDMONTON, PHONE 433-7792

CALGARY, PHONE 268-3923

P.O. BOX 4188, EDMONTON, ALBERTA

TEST NUMBER

4

Date APRIL 4, 1970.
 Customer CANADIAN PACIFIC OIL & GAS LTD.
205 - 9th AVENUE S.E.,
CALGARY 21, ALBERTA.
 Well Name CPOG CHEVRON TATHILINA K-24
 Location 60 33'39.36 118 04'58.03
 Area TATHILINA LAKE, N.W.T.
 Formation TIGHT HOLE
 Est. Pay Thick ---
 Ticket No. B-1191
 Purchase Order No. 32417

Interval 2910' TO 2950'
 Test Duration 185 MINUTES
 Initial Hydrostatic 1408
 Final Hydrostatic 1404
 PRE- 39
 Initial Flowing 42
 Final Flowing 52 after 60 mins.
 Initial Shut-In 422 after 60 mins.
 Final Shut-In 124 after 60 mins.
 Blow VERY WEAK-DEAD
 Recovery 20'

Mud Type GEL CHEM Size Full Hole 7-7/8" Size Rubber 7"
 Mud Wt. 9.0 Size Rat Hole NIL O.D. Drill Collar 6-1/4"
 Vis. 115 Size & Type Pipe 4-1/2" P.H. O.D. Sub or T.J. 5-5/8"
 W.L. 6.0 Time Circulated 8 Hrs. Tool Length 64.30'
 pH 10. Where Circulated ON BOTTOM Rat Hole Length ---
 F. C. 2/32 Bit off Bottom 2.15 P.M. Difference ---
 Condition GOOD Formation TIGHT HOLE Total Depth 3452'
 TEST EXTRAS: SAFETY JT. DOUBLE SHUT IN. PUMP OUT SUB. FAIL SAFE HEAD. BY-PASS EQUIP.

Type of Test STRADDLE BY-PASS Wt. to Set Packer 35,000 15,000 To Pull Loose
 Initial Puff WEAK Gas Flow NIL Size Bean 3/4" Fluid Cushion NIL
 Temp. --- Gravity --- No. Drill Collars 15(4#90) Length 451.99' LD's 2-7/8"

PRESSURES

FLUID RECOVERY

Started In 5.00 P.M. Recorder No. ---
 Tool Open 7.35 P.M. Depth Run ---
 " Closed 7.40 P.M. Hydrostatics ---
 " Open 8.40 P.M. Flow ---
 " Closed 9.40 P.M. Initial S.I.P. ---
 " Loose 10.40 P.M. Final S.I.P. ---
 " Out 12.15 A.M. Difference ---

2832	3152	
2940'	2945'	
1401-1401	1408-1404	
37-37	49-52	
488	492	
102	124	
386	368	

Mud 20'
 Oil ---
 Water ---
 Total 20'
 Sampled at TOP OF TOOL

Description of Fluid 20' OF DRILLING MUD.

Witnessed By: ---

REMARKS: VERY WEAK INITIAL PUFF DURING PRE-FLOW. VERY WEAK BLOW WHEN TOOL
OPENED FOR FLOW PERIOD AND DEAD AFTER 10 MINUTES.

TEST SATISFACTORY.

R.H. GUNDERSON,
 Testing Supervisor

L.W. NAVRATIL,
 Customer's Representative

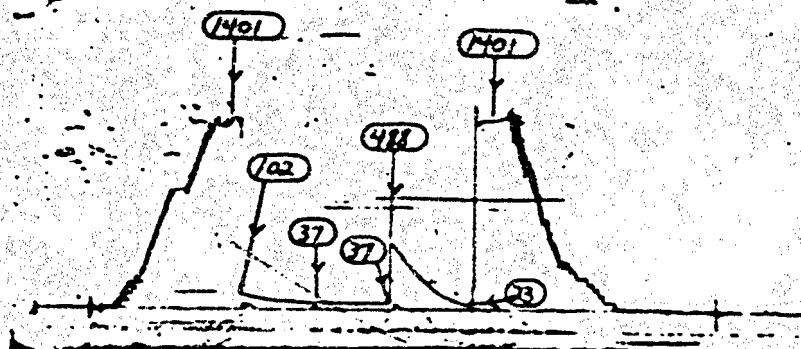
D.S.T. # 4 WELL NAME

CPOG CHEVRON TATHILINA K-24

POG CHEVRON TATHUNA K-24

DST-4 TICKET-B-1191

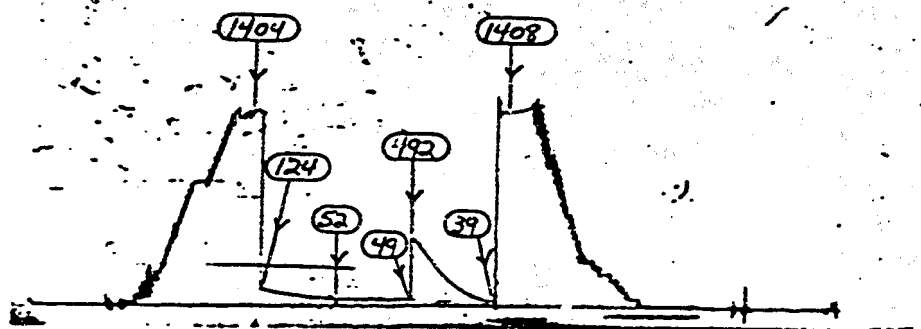
RECORDER-2832



POG CHEVRON TATHUNA K-24

DST-4 TICKET-B-1191

RECORDER-3152



DRILL STEM TESTING & COPI'NG LTD.

EDMONTON, PHONE 433-7293

CALGARY, PHONE 249-3925

P.O. BOX 4188, EDMONTON, ALBERTA

TEST NUMBER

5

Date APRIL 5, 1970.
 Customer CANADIAN PACIFIC OIL & GAS LTD.,
205 - 9th AVENUE S.E.,
CALGARY 21, ALBERTA.
 Well Name SPOG CHEVRON TATHILINA K-24
 Location 60 33'39.36 118 04'58.03
 Area TATHILINA LAKE, N.W.T.
 Formation TIGHT HOLE
 Est. Pay Thick ---
 Ticket No. B-1192
 Purchase Order No. 32417

Interval 3230' TO 3320'
 Test Duration 185 MINUTES
 Initial Hydrostatic 1584
 Final Hydrostatic 1580
 PRE- 1224
 Initial Flowing 1242
 Final Flowing 1412 after 60 mins.
 Initial Shut-In 1411 after 60 mins.
 Final Shut-In 1412 after 60 mins.
 Blow STRONG
 Recovery 3150'

Mud Type GEL. CHEM. Size Full Hole 7-7/8" Size Rubber 7"
 Mud Wt. 9.0 Size Rat Hole NIL O.D. Drill Collar 6-1/4"
 Vis. 115 Size & Type Pipe 4-1/2" P.H. O.D. Sub or T.J. 5-5/8"
 W. L. 6.0 Time Circulated --- Hrs. Tool Length 123.10'
 pH 10. Where Circulated --- Rat Hole Length ---
 F. C. 2/32 Bit off Bottom PREVIOUS TEST #4 M. Difference ---
 Condition GOOD Formation TIGHT HOLE Total Depth 3451'
 TEST EXTRAS: SAFETY JT. DOUBLE SHUT IN. PUMP OUT SUB. BY-PASS EQUIP. FAIL SAFE HEAD.

Type of Test STRADDLE BY-PASS Wt. to Set Packer 35,000 To Pull Loose
 Initial Puff STRONG Gas Flow NIL Size 3/4" Fluid Cushion NIL
 Temp. 104 Gravity --- No. Drill Collars 15 (4 1/2 H90) Length 451.99' I.D.'s 2-7/8"

PRESSURES

FLUID RECOVERY

Started In 2.45 A.M. Recorder No. ---
 Tool Open 4.20 A.M. Depth Run ---
 " Closed 4.25 A.M. Hydrostatics ---
 " Open 5.25 A.M. Flow ---
 " Closed 6.25 A.M. Initial S.I.P. ---
 " Loose 7.25 A.M. Final S.I.P. ---
 " Out 1.00 P.M. Difference ---

3152	2832
3310'	3315'
1580-1580	1584-1580
1243-1408	1242-1412
1408	1411
1408	1412
0	1

Mud 90'
 Oil ---
 Water 3060'
 Total 3150'
 Sampled at DRILL PIPE

Description of Fluid 90' HEAVY CONTAMINATED MUD.
3060' SALT WATER.

Witnessed By: ---
 REMARKS: STRONG INITIAL AIR PUFF ON PRE-FLOW. STRONG AIR BLOW ON FLOW, DEAD
AFTER 40 MINUTES ON FLOW PERIOD.

TEST SATISFACTORY.

R.H. GUNDERSON.

Testing Supervisor

L.W. NAVRATIL.

Customer's Representative

D.S.T. # 5

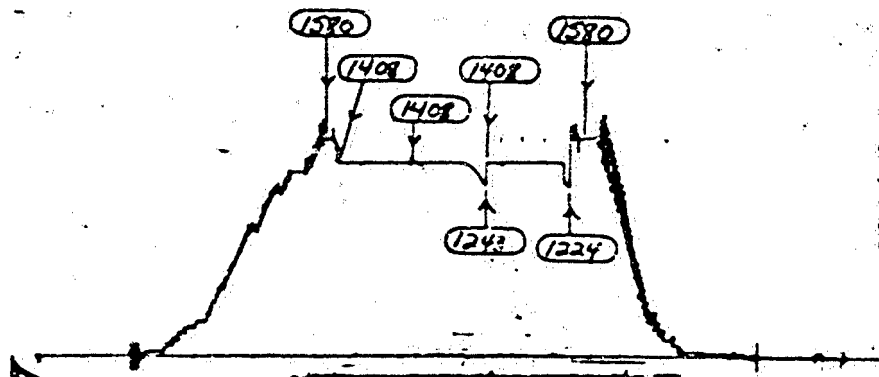
WELL NAME

SPOG CHEVRON TATHILINA K-24

LOG CHEVRON TATHLINA K-24

DST-5 TICKET-B-1192

RECORDED 3/22

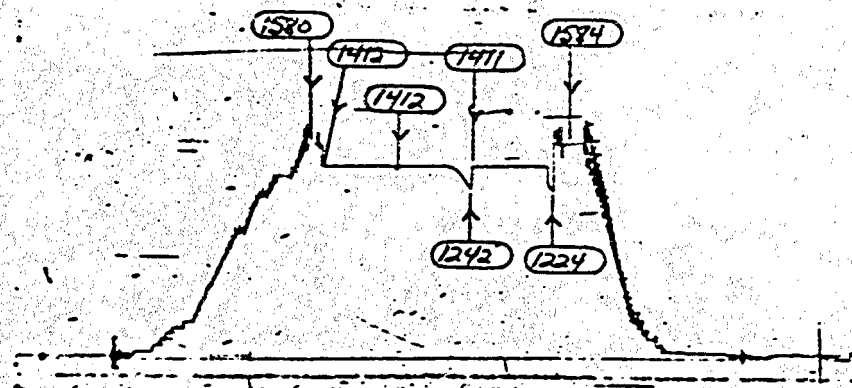


25146 K-24 1152

LOG CHEVRON TATHLINA K-24

DST-5 TICKET-B-1192

RECORDED 28/2



25146 K-24 1152

CASING RECORD

13 joints, 8 5/8", 24#, Grade K-55. Casing
length 392.91 feet. Landed at 382' K.B.
Cemented with 240 sacks Portland Cement plus
3% CaCl_2 . P/D at 3:35 P.M., March 25th, 1970.

BIT RECORD

<u>BIT NUMBER</u>	<u>SIZE</u>	<u>TYPE</u>	<u>FEET</u>	<u>HOURS</u>
1A	12 $\frac{1}{2}$	YT3	176	13 $\frac{1}{2}$
1	7 7/8	STIAC	950	20 $\frac{1}{2}$
2	7 7/8	ST3	1065	23 $\frac{1}{2}$
3	7 7/8	XIG	495	21 $\frac{1}{2}$
4	6 3/16	ACS	30	7 $\frac{1}{2}$
5	7 7/8	SCM	639	34 $\frac{1}{2}$

MUD REPORT

<u>DEPTH</u>	<u>WEIGHT</u>	<u>VISCOSITY</u>	<u>WATER LOSS</u>	<u>F/C</u>	<u>P.H.</u>
66'	8.2	32			
203'	9.2	37			
2687'	9.0	28			
2882'	9.3	38	5.8	2/32	12.0
2912	9.1	48	5.8	2/32	11.0
3083	9.1	51	6.4	2/32	12.0
3451	9.3	140	5.8	2/32	12.0

DEVIATION SURVEYS

<u>DEPTH</u>	<u>DEVIATION</u>
649	$\frac{1}{2}$
803	$1\frac{1}{8}$
927	0
1176	0
1290	$1\frac{1}{2}$
1425	$2\frac{1}{8}$
1488	$1\frac{1}{2}$
1550	1
1580	$1\frac{1}{2}$
1690	$1\frac{2}{3}$
1736	$1\frac{1}{8}$
1887	$\frac{1}{2}$
2046	1
2202	1
2387	$2\frac{1}{2}$
2453	3
2544	$2\frac{1}{3}$
2637	3
2700	$3\frac{1}{8}$
2762	3
3010	3
3451	$1\frac{1}{2}$

ABANDONMENT PLUGS

Plug #1	3050' - 3451'	170 sacks	
Plug #2	2700' - 2800'	50 sacks plus 3% CaCl_2 .	Felt Plug #2 at 2705'.
Plug #3	330' - 430'	50 sacks plus 3% CaCl_2 .	Felt plug #3 at 340'.

Cut off casing 3 feet below Ground Level. Cemented with 5 sacks cement and erected a Well Identifier Sign 4 feet above Ground Level. Weld on plate.

SECTION IVLogs:

F.D.L.	3444' - 1940'	April 3rd, 1970
S.N.P.	3444' - 1940'	April 3rd, 1970
S.L.C. - G.R.	3444' - 378'	April 3rd, 1970
D.I.L.	3442' - 378'	April 3rd, 1970
Lithology	3442' - 1940'	April 3rd, 1970

SECTION VAnalysis

<u>Lab. No.</u>	<u>Sample</u>	<u>From</u>	<u>To</u>	<u>Source</u>	<u>Remarks</u>
CAL-2-2107	Chemical	2822	2882	DST #2	
		2832	2882	DST #3	
		2910	2950	DST #4	
		3130	3320	DST #5	
CNP-4-5071	Core	2882	2914	Core #1	Rec. 31.3'



CORE LABORATORIES — CANADA LTD.
PETROLEUM RESERVOIR ENGINEERING



WELL FILE

Company Canadian Pacific Oil and Gas Limited Page 1 of 4
Well CPOG Chevron Tathlina K-24 File CAL-2-2107
Field Tathlina Lake Area, Northwest Territories Analyst DS
60 33'39.36
Location 118 04'58.03 Elevation: K.B. _____ Grd. 1022'
Formation _____ Depth _____
Sampled from DST #2 (Top of Tool) by _____
Sampling pressure _____ psig Sampling temp. _____ °F Ambient temp. _____ °F
Date sampled March 31/70 Date received May 5/70 Date analyzed May 7/70
Container pressure _____ Mud _____ Water cushion _____
Recovery or flowrate: Misrun - Seat Failure

Chloride

775 mg/liter

Resistivity

1.370 Ohm-meters @ 76°F



CORE LABORATORIES - CANADA LTD.
PETROLEUM RESERVOIR ENGINEERING



Company Canadian Pacific Oil and Gas Limited Page 2 of 4
Well CPOG Chevron Tathlina K-24 File CAL-2-2107
Field Tathlina Lake Area, Northwest Territories Analyst DS
Location 60 33'39.36
118 04'58.03 Elevation: K.B. _____ Grd. 1022'
Formation _____ Depth 2832' - 2882'
Sampled from DST #3 (Top of Tool) by _____
Sampling pressure _____ psig Sampling temp. _____ °F Ambient temp. _____ °F
Date sampled April 1/70 Date received May 5/70 Date analysed May 7/70
Container pressure _____ Mud _____ Water cushion _____
Recovery or flowrate: 30' Fluid

Chloride 1,057 mg/liter

Resistivity 1.310 Ohm-meters @ 76°F



CORE LABORATORIES - CANADA LTD.
PETROLEUM RESERVOIR ENGINEERING



Company Canadian Pacific Oil and Gas Limited Page 3 of 4
Well CPOG Chevron Tathlina K-24 File CAL-2-2107
Field Tathlina Lake Area, Northwest Territories Analyst DS
Location 60 33'39.36
118 04'58.03 Elevation: K.B. _____ Grd. 1022'
Formation _____ Depth 2910' - 2950'
Sampled from DST #4 (Top of Tool) by _____
Sampling pressure _____ psig Sampling temp. _____ °F Ambient temp. _____ °F
Date sampled April 5/70 Date received May 5/70 Date analysed May 7/70
Container pressure _____ Mud _____ Water cushion _____
Recovery or flowrate: 20' Fluid

Chloride 141 mg/liter

Resistivity 1.88 Ohm-meters @ 76°F



CORE LABORATORIES - CANADA LTD.

PETROLEUM RESERVOIR ENGINEERING

WATER ANALYSIS



File CAL-2-2107 Page 4 of 4

Company Canadian Pacific Oil and Gas Limited
Well CPOG Chevron Tathlina K-24 K.B. Grd. 1022'
60 33'39.36
Location 118 04'58.03 Field Tathlina Lake Area Province N.W.T.
Formation Interval 3130' - 3320'
Sampled from DST #5 (Top of Tool) by
Date sampled April 6/70 Date analysed May 7/70 Analyst DS
Recovery 3050' Fluid

Mud type Water cushion

Resistivity 0.071 Ohm-meters @ 75 °F
Specific gravity 1.0722 @ 60°F
pH 6.9 H₂S Present
Refractive index 1.347 @ 75°F

Total Solids:
Calculated 105,994 mg/liter
By evaporation @ 110°C - mg/liter
By evaporation @ 180°C - mg/liter
At ignition - mg/liter

MILLIGRAMS PER LITER

Na + K	Ca	Mg	Fe	Ba	Br	I	Cl	HCO ₃	SO ₄	CO ₃	OH
27,901	9,385	2,246	Pres.	Abs.	-	-	65,767	693	2	Nil	Nil

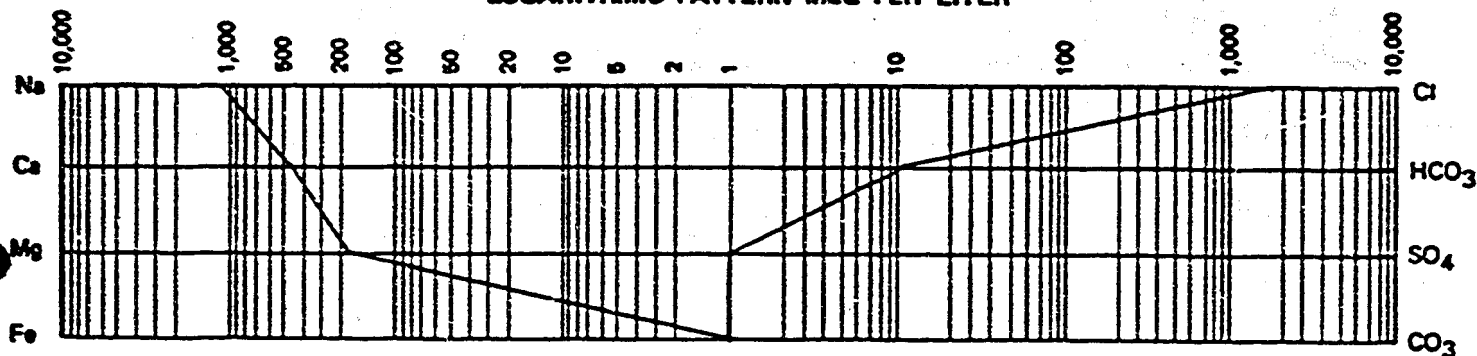
PER CENT CALCULATED SOLIDS

26.3	8.9	2.1	Pres.	Abs.	-	-	62.0	0.7	0.0	Nil	Nil
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MEQ PER LITER

1213.1	468.3	184.6	Pres.	Abs.	-	-	1854.6	11.4	0.0	Nil	Nil
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LOGARITHMIC PATTERN MEQ PER LITER



CORE LABORATORIES - CANADA, LTD.
CALGARY

COMPANY CANADIAN PACIFIC OIL AND GAS LIMITED
WELL CPOG CHEVRON TATHLINA K-24
FIELD WILDCAT, NORTHWEST TERRITORIES
LOCATION 60° 33' 39.36" N. LAT.
118° 04' 58.03" W. LONG.

FORMATION SLAVE POINT
DRILLING FLUID WATER BASE MUD
ELEVATION
ANALYSIS
REMARKS

PAGE 1 of 3
FILE CNP-4-5071
DATE REPORT APRIL 14/70
ANALYSIS MK CC

ANALYST: J. L. HARRIS
CORRECTION: J. L. HARRIS
CHECKED: J. L. HARRIS
DATE: 11/1/70

TEST: PERMEABILITY TO AIR, MILLIDARCY
TEMP: 25°C
HUMIDITY: 50%

TEST: POROSITY
METHOD: MERCURY INJECTION
TEMP: 25°C

TEST: DENSITY
METHOD: GRAIN
TEMP: 25°C

TEST: VISUAL EXAMINATION
METHOD: VISUAL EXAMINATION

SAMPLE NUMBER	INTERVAL REPRESENTED, FEET		PERMEABILITY TO AIR, MILLIDARCY		PERMEABILITY FEET	POROSITY PER CENT	POROSITY FEET	DENSITY, LB./CC.		MERCUY INJECTION POROSITY PER CENT		VISUAL EXAMINATION
	DEPTH	THICK	K MAX	K 50°				BULK	GRAIN	BULK	GRAIN	

CORED INTERVAL 2882' - 2914'

CORE NO. 1 2882' - 2914' (REC. 31.3') (7 BOXES)

1	2882.0-83.1	1.1	1.32	0.36	-0.01	1.45	2.5	2.75	2.65	2.72	35.8	21.5	I SCATTERED PPV F
2	2883.1-84.3	1.2	0.10	0.09	-0.01	0.12	1.7	2.04	2.65	2.69	44.4	11.1	SCATTERED PPV
3	2884.3-85.4	1.1	0.38	0.36	-0.01	0.42	2.0	2.20	2.65	2.71	52.4	6.5	I SCATTERED PPV F
4	2885.4-86.3	0.9	0.07	0.02	-0.01	0.06	0.6	0.54	2.68	2.69	35.8	17.9	SCATTERED PPV
5	2886.3-87.5	1.2	0.06	-0.01	-0.01	0.07	1.0	1.20	2.67	2.70	39.2	31.4	SCATTERED PPV
6	2887.5-88.4	0.9	0.10	0.08	-0.01	0.09	1.0	0.90	2.67	2.69	42.9	21.4	SCATTERED PPV
7	2888.4-89.3	0.9	0.05	0.04	-0.01	0.05	1.2	1.08	2.67	2.70	41.1	16.4	I
8	2889.3-90.3	1.0	0.06	0.01	-0.01	0.06	1.0	1.00	2.68	2.71	31.1	18.6	SCATTERED PPV
9	2890.3-91.6	1.3	0.69	0.09	-0.01	0.90	0.1	0.13	2.69	2.69	0.0	18.5	DENSE F
10	2891.6-92.8	1.2	-0.01	-0.01	-0.01	-	0.3	0.36	2.68	2.69	42.7	25.6	DENSE
11	2892.8-93.3	0.5	0.09	0.09	-0.01	0.05	4.5	2.25	2.57	2.70	30.7	21.9	I PPV
12	2893.3-94.1	0.8	0.12	-0.01	-0.01	0.10	0.2	0.16	2.69	2.69	29.3	39.1	DENSE F
13	2894.1-95.0	0.9	-0.01	-0.01	-0.01	-	3.9	3.51	2.59	2.69	39.7	14.9	I PPV
14	2895.0-95.8	0.8	5.12	3.80	-0.01	4.10	3.6	2.88	2.59	2.69	33.2	13.2	I PPV STY F
15	2895.8-96.9	1.1	0.11	0.11	-0.01	0.12	3.1	3.41	2.61	2.70	32.0	32.0	I FEW PPV
16	2896.9-98.0	1.1	0.09	0.04	-0.01	0.10	3.2	3.52	2.60	2.68	52.6	21.1	I SCATTERED PPV
17	2898.0-99.5	1.5	1.11	0.12	-0.01	1.69	1.7	2.55	2.65	2.70	40.1	30.0	I F
18	2899.5-00.6	1.1	0.04	0.02	-0.01	0.04	0.8	0.88	2.68	2.70	35.8	21.5	SCATTERED PPV
19	2900.6-01.9	1.3	1.56	0.36	-0.01	2.03	2.5	3.25	2.63	2.70	47.2	13.5	I SCATTERED PPV F
20	2901.9-03.1	1.2	-0.01	-0.01	-0.01	-	0.4	0.48	2.68	2.69	34.2	17.1	DENSE
21	2903.1-04.1	1.0	0.18	0.12	-0.01	0.18	0.8	0.80	2.67	2.69	38.3	19.1	SCATTERED PPV F
22	2904.1-05.2	1.1	0.22	0.16	-0.01	0.24	3.1	3.41	2.61	2.69	34.5	14.8	I PPV F
23	2905.2-06.4	1.2	1.66	0.58	-0.01	1.99	4.1	4.92	2.59	2.70	37.7	37.7	I PPV F
24	2906.4-07.4	1.0	0.56	-0.01	-0.01	0.56	0.3	0.30	2.69	2.70	0.0	59.1	DENSE F
25	2907.4-08.3	0.9	0.56	0.16	-0.01	0.50	0.7	0.63	2.68	2.70	35.5	23.7	DENSE F
26	2908.3-09.3	1.0	0.03	0.03	-0.01	0.03	0.3	0.30	2.68	2.69	39.4	29.6	DENSE

CORE LABORATORIES - CANADA, LTD.

CALGARY

ALBERTA

COMPANY CANADIAN PACIFIC OIL AND GAS LIMITED

FORMATION

SLAVE POINT

PAGE 2 of 3

WELL CPOG CHEVRON TATHILINA K-24

DRILLING FLUID

WATER BASE MUD

FILE

CNP-4-5071

SAMPLE NUMBER	INTERVAL REPRESENTED, FEET		PERMEABILITY TO AIR, MILLIDARCS		PERMEABILITY FEET		POROSITY PER CENT	POROSITY FEET	DENSITY, gm./cc.		GRAIN OIL		VISUAL EXAMINATION
	DEPTH	THICK	K MAX	490°	EV				BULK				
27	2909.3-10.1	0.8	0.03	-0.01	-0.01	0.02	0.9	0.72	2.67	2.69	Trace	44.2	SCATTERED PPV F
28	2910.1-10.8	0.7	4.42	4.32	-0.01	3.09	1.1	0.77	2.65	2.68	34.7	46.3	SCATTERED PPV F
29	2910.8-11.6	0.8	0.37	0.19	-0.01	0.30	2.3	1.84	2.62	2.68	32.9	24.7	I F
30	2911.6-12.5	0.9	0.13	0.05	-0.01	0.12	1.4	1.26	2.66	2.70	31.5	39.3	SCATTERED PPV F
31	2912.5-13.3	0.8	0.13	-0.01	-0.01	0.10	1.9	1.52	2.66	2.71	36.5	27.4	I F
-	2913.3-14.0	0.7	-	-	-	-	-	-	-	-	-	-	LOST CORE.

CORE NO. 1 (Cont'd)

CORE LABORATORIES - CANADA, LTD.
Petroleum Reservoir Engineering

CPOG CHEVRON TATHLINA K-24

PAGE 3 of 3
FILE CIP-4-5171

WELL:

FORMATION:

SUMMARY INTERVAL: 2882.0 - 2914.0

TOTAL FOOTAGE: 32.0

FOOTAGE ANALYZED 31.3

FOOTAGE NOT ANALYZED: TOTAL: .7 DENSE .0 LOST .7 DRILLED .0 RUBBLE .0

SUMMARY
OF
ANALYZED CORE:

TOTAL

BY
PERM
RANGES:

LESS THAN 0.10 Md.

0.10 0.49 Md.

0.50 0.99 Md.

1.00 9.99 Md.

GREATER THAN 9.99 Md.

FOOTAGE	% OF ANALYZED CORE	WEIGHTED AVERAGE POROS %	PERMEABILITY MD	WEIGHTED AVERAGE PERM MD	PERM MD	PERM MD	PERM MD
31.3	100.00	1.65	51.56	.59	18.55	34.66	24.67
11.8	37.70	1.34	15.84	.04	.48	36.23	23.27
9.7	30.99	1.81	17.54	.18	1.78	37.97	22.54
3.2	10.22	.33	1.06	.61	1.96	9.98	32.65
6.6	21.09	2.59	17.12	2.17	14.33	38.94	26.43
.0	.00	.00	.00	.00	.00	.00	.00

*NOT ANALYZED BY REQUEST

CORE LABORATORIES - CANADA LTD.



Petroleum Reservoir Engineering

Canadian Pacific
COMPANY Oil And Gas Limited

FIELD Wildcat

FILE CNP-4-5071

WELL CPOG Chevron Tathlins K-24

DATE

LOCATION 60 33' 39.56 North Lat.
118 04' 58.05 West Long.

PROV ELEV.

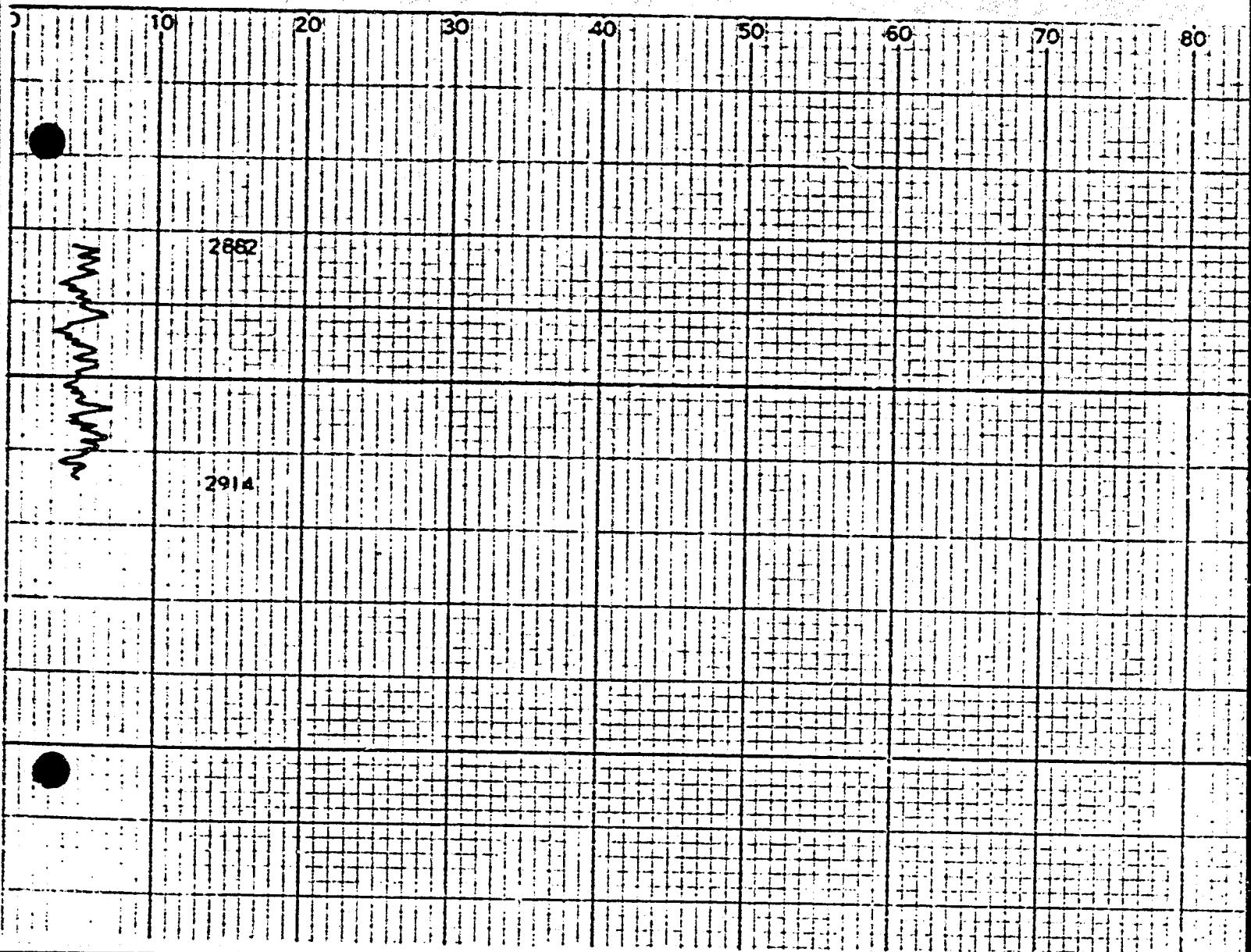
CORE-GAMMA CORRELATION

This correlation, whether in reproduction or used as a reference, is not to be used for any purpose other than that for which it was prepared. The user of this correlation is responsible for the accuracy of the data used in its preparation. The user of this correlation is also responsible for the accuracy of the data used in its preparation. The user of this correlation is also responsible for the accuracy of the data used in its preparation.

VERTICAL SCALE: 5" = 100'

T.C. 11 Sec.

Sens. 3000 CPM



SECTION VI

Completion Summary:

N11



CORE LABORATORIES — CANADA LTD.
PETROLEUM RESERVOIR ENGINEERING



Company Canadian Pacific Oil and Gas Limited Page 1 of 4
Well CPOG Chevron Tathlina K-24 File CAL-2-2107
Field Tathlina Lake Area, Northwest Territories Analyst DS
Location 60 33'39.36
118 04'58.03 Elevation: K.B. _____ Grd. 1022'
Formation _____ Depth _____
Sampled from DST #2 (Top of Tool) by _____
Sampling pressure _____ psig Sampling temp. _____ °F Ambient temp. _____ °F
Date sampled March 31/70 Date received May 5/70 Date analysed May 7/70
Container pressure _____ Mud _____ Water cushion _____
Recovery or flowrate: Misrun - Seat Failure

Chloride

775 mg/liter

Resistivity

1.370 Ohm-meters @ 76°F



CORE LABORATORIES — CANADA LTD.
PETROLEUM RESERVOIR ENGINEERING



Company Canadian Pacific Oil and Gas Limited Page 2 of 4
Well CPOG Chevron Tathlina K-24 File CAL-2-2107
Field Tathlina Lake Area, Northwest Territories Analyst DS
60 33'39.36
Location 118 04'58.03 Elevation: K.B. _____ Grd. 1022'
Formation _____ Depth 2832' - 2882'
Sampled from DST #3 (Top of Tool) by _____
Sampling pressure _____ psig Sampling temp. _____ °F Ambient temp. _____ °F
Date sampled April 1/70 Date received May 5/70 Date analysed May 7/70
Container pressure _____ Mud _____ Water cushion _____
Recovery or flowrate: 30' Fluid

Chloride 1,057 mg/liter

Resistivity 1.310 Ohm-meters @ 76°F



CORE LABORATORIES - CANADA LTD.
PETROLEUM RESERVOIR ENGINEERING



Company Canadian Pacific Oil and Gas Limited Page 3 of 4
Well CPOG Chevron Tathlina K-24 File CAL-2-2107
Field Tathlina Lake Area, Northwest Territories Analyst DS
Location 60 33'39.36
118 04'58.03 Elevation: K.B. Grd. 1022'
Formation Depth 2910' - 2950'
Sampled from DST #4 (Top of Tool) by
Sampling pressure psig Sampling temp. °F Ambient temp. °F
Date sampled April 5/70 Date received May 5/70 Date analysed May 7/70
Container pressure Mud Water cushion
Recovery or flowrate: 20' Fluid

Chloride 141 mg/liter

Resistivity 1.88 Ohm-meters @ 75°F



CORE LABORATORIES - CANADA LTD.

PETROLEUM RESERVOIR ENGINEERING

WATER ANALYSIS

File CAL-2-2107 Page 4 of 4

Company Canadian Pacific Oil and Gas Limited

Well CPOG Chevron Tathlina K-24 K.B. Grd. 1022'

Location 60 33'39.36
118 04'58.03 Field Tathlina Lake Area Province N.W.T.

Formation Interval 3130' - 3320'

Sampled from DST #5 (Top of Tool) by

Date sampled April 6/70 Date analysed May 7/70 Analyst DS

Recovery 3050' Fluid

Mud type Water cushion

Resistivity 0.071 Ohm-meters @ 75 of

Specific gravity 1.0722 @ 60°F

pH 6.9 H₂S Present

Refractive Index 1.347 @ 75°F

Total Solids:

Calculated 105.994 mg/liter

By evaporation @ 110°C - mg/liter

By evaporation @ 180°C - mg/liter

At ignition - mg/liter

MILLIGRAMS PER LITER

Na + K	Ca	Mg	Fe	Ba	Br	I	Cl	HCO ₃	SO ₄	CO ₃	OH
27,901	9,385	2,246	Pres.	Abs.	-	-	65,767	693	2	Nil	Nil

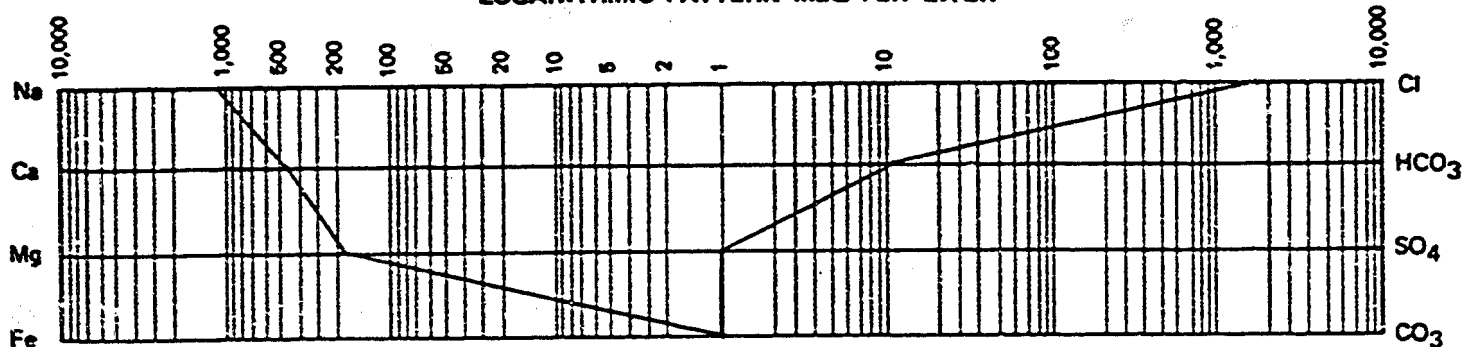
PER CENT CALCULATED SOLIDS

26.3	8.9	2.1	Pres.	Abs.	-	-	62.0	0.7	0.0	Nil	Nil
------	-----	-----	-------	------	---	---	------	-----	-----	-----	-----

MEQ PER LITER

1213.1	468.3	184.6	Pres.	Abs.	-	-	1854.6	11.4	0.0	Nil	Nil
--------	-------	-------	-------	------	---	---	--------	------	-----	-----	-----

LOGARITHMIC PATTERN MEQ PER LITER



CEME ANALYSIS REPORT

FOR

CANADIAN PACIFIC OIL AND GAS LIMITED

CPGS CHEVRON TATIANA H-24

WILSON

NORTHWEST TERRITORIES

CEME LABORATORIES - CANADA LTD.

Petroleum Research Engineering

CALGARY - EDMONTON - REGINA

PAGE 1 of 3
FILE CNP-4-5071
DATE REPORT APRIL 14/70
ANALYSTS MR CC

COMPANY	FORMATION	SLAVE POINT
WELL	DRILLING FLUID	WATER BASE MUD
FIELD	ELEVATION	ANALYSIS
LOCATION	REMARKS	
CANADIAN PACIFIC OIL AND GAS LIMITED		
CPOG CHEVRON TATHLINA K-24		
WILDCAT, NORTHWEST TERRITORIES		
60° 33' 39.36" N. LAT.		
118° 04' 58.03" W. LONG.		

[illegible][illegible]

CORED INTERVAL 2832' - 2914'

CORE NO. 1 2882' - 2914' (REC. 31.3') (7 BOXES)

1	2882.0-83.1	1.1	1.32	0.36	-0.04	1.45	2.5	2.75	2.65	2.72	35.8	21.5	I SCATTERED PPV F
2	2883.1-84.3	1.2	0.10	0.09	-0.01	0.12	1.7	2.04	2.65	2.69	44.4	11.1	SCATTERED PPV
3	2884.3-85.4	1.1	0.38	0.36	-0.01	0.42	2.0	2.20	2.65	2.71	52.4	6.5	I SCATTERED PPV F
4	2885.4-86.3	0.9	0.07	0.02	-0.01	0.06	0.6	0.54	2.68	2.69	35.8	17.9	SCATTERED PPV
5	2886.3-87.5	1.2	0.06	-0.01	-0.01	0.07	1.0	1.20	2.67	2.70	39.2	31.4	SCATTERED PPV
6	2887.5-88.4	0.9	0.10	0.08	-0.01	0.09	1.0	0.90	2.67	2.69	42.9	21.4	SCATTERED PPV
7	2888.4-89.3	0.9	0.05	0.04	-0.01	0.05	1.2	1.08	2.67	2.70	41.1	16.4	I
8	2889.3-90.3	1.0	0.06	0.01	-0.01	0.06	1.0	1.00	2.68	2.71	31.1	18.6	SCATTERED PPV
9	2890.3-91.6	1.3	0.69	0.09	-0.01	0.90	0.1	0.13	2.69	2.69	0.0	18.5	DENSE F
10	2891.6-92.8	1.2	-0.01	-0.01	-0.01	-	0.3	0.36	2.68	2.69	42.7	25.6	DENSE
11	2892.8-93.3	0.5	0.09	0.09	-0.01	0.05	4.5	2.25	2.57	2.70	30.7	21.9	I PPV
12	2893.3-94.1	0.8	0.12	-0.01	-0.01	0.10	0.2	0.16	2.69	2.69	29.3	39.1	DENSE F
13	2894.1-95.0	0.9	-0.01	-0.01	-0.01	-	3.9	3.51	2.59	2.69	39.7	14.9	I PPV
14	2895.0-95.8	0.8	5.12	3.80	-0.01	4.10	3.6	2.88	2.59	2.65	33.2	13.2	I PPV STY F
15	2895.8-96.9	1.1	0.11	0.11	-0.01	0.12	3.1	3.41	2.61	2.70	32.0	32.0	I FEW PPV
16	2896.9-98.0	1.1	0.09	0.04	-0.01	0.10	3.2	3.52	2.60	2.68	52.8	21.1	I SCATTERED PPV
17	2898.0-99.5	1.5	1.11	0.12	-0.01	1.69	1.7	2.55	2.65	2.70	40.1	30.0	I F
18	2899.5-00.6	1.1	0.04	0.02	-0.01	0.04	0.8	0.88	2.68	2.70	35.8	21.5	SCATTERED PPV
19	2900.6-01.9	1.3	1.56	0.36	-0.01	2.03	2.5	3.25	2.63	2.70	47.2	13.5	I SCATTERED PPV F
20	2901.9-03.1	1.2	-0.01	-0.01	-0.01	-	0.4	0.48	2.68	2.69	34.2	17.1	DENSE
21	2903.1-04.1	1.0	0.18	0.12	-0.01	0.18	0.8	0.80	2.67	2.69	38.3	19.1	SCATTERED PPV F
22	2904.1-05.2	1.1	0.22	0.16	-0.01	0.24	3.1	3.41	2.61	2.69	34.5	14.8	I PPV F
23	2905.2-06.4	1.2	1.66	0.58	-0.01	1.99	4.1	4.92	2.59	2.70	37.7	37.7	I PPV F
24	2906.4-07.4	1.0	0.56	-0.01	-0.01	0.50	0.3	0.30	2.69	2.70	0.0	59.1	DENSE F
25	2907.4-08.3	0.9	0.56	0.16	-0.01	0.50	0.7	0.63	2.68	2.70	35.5	23.7	DENSE F
26	2908.3-09.3	1.0	0.03	0.03	-0.01	0.03	0.3	0.30	2.68	2.69	39.4	29.6	DENSE

CORE LABORATORIES - CANADA, LTD.

CALGARY

ALBERTA

COMPANY CANADIAN PACIFIC OIL AND GAS LIMITED
WELL CPOG CHEVRON TATHLINA K-24

FORMATION
DRILLING FLUID

SLAVE POINT
WATER BASE MUD

PAGE 2 of 3
FILE CNP-4-5071

SAMPLE NUMBER	INTERVAL REPRESENTED, FEET		PERMEABILITY TO AIR, MILLIDARCS				PERMEABILITY FEET	POROSITY PER CENT	POROSITY FEET	DENSITY, gm./cc.		WATER SATURATION		VISUAL EXAMINATION
			K MAX		K 50%					BULK	GRAIN	GAS	TOTAL WATER	
	DEPTH	THICK												
CORE NO. 1 (Cont'd)														
27	2909.3-10.1	0.8	0.03	-0.01	-0.01	0.02	0.9	0.72	2.67	2.69	Trace	44.2	SCATTERED	PPV F
28	2910.1-10.8	0.7	4.42	4.32	-0.01	3.09	1.1	0.77	2.65	2.68	34.7	46.3	SCATTERED	PPV F
29	2910.8-11.6	0.8	0.37	0.19	-0.01	0.30	2.3	1.84	2.62	2.68	32.9	24.7	I F	
30	2911.6-12.5	0.9	0.13	0.05	-0.01	0.12	1.4	1.26	2.66	2.70	31.5	39.3	SCATTERED	PPV F
31	2912.5-13.3	0.8	0.13	-0.01	-0.01	0.10	1.9	1.52	2.66	2.71	36.5	27.4	I F	
-	2913.3-14.0	0.7	-	-	-	-	-	-	-	-	-	-	LOST CORE.	

CORE LABORATORIES - CANADA, LTD.

Petroleum Reservoir Engineering

CPOG CHEVRON TATHLINA K-24

PAGE 3 of 3
FILE CIP-4-5(171)

WELL:

FORMATION:

SUMMARY INTERVAL:

2882.0 - 2914.0

TOTAL FOOTAGE:

32.0

FOOTAGE ANALYZED

31.3

FOOTAGE NOT ANALYZED:

TOTAL: .7 DENSE .0 LOST .7 DRILLED .0 NABR .0 RABLE .0

SUMMARY

OF
ANALYZED CORE:

TOTAL

BY
PERM
RANGES:

LESS THAN 0.10 Md.

0.10 0.49 Md.

0.50 0.99 Md.

1.00 9.99 Md.

GREATER THAN 9.99 Md.

FOOTAGE	NO OF ANALYZED CORE	WEIGHTED AVERAGE POROSITY %	POROSITY FEET	WEIGHTED AVERAGE PERM MD	PERM FEET	WEIGHTED AVERAGE NABR	WEIGHTED AVERAGE RABLE
31.3	100.00	1.65	51.56	.59	18.55	34.66	24.67
11.8	37.70	1.34	15.84	.04	.48	36.23	23.27
9.7	30.99	1.81	17.54	.18	1.78	37.97	22.54
3.2	10.22	.33	1.06	.61	1.96	9.98	32.65
6.6	21.09	2.59	17.12	2.17	14.33	38.94	26.43
.0	.00	.00	.00	.00	.00	.00	.00

*NOT ANALYZED BY REQUEST



CORE LABORATORIES - CANADA LTD.

Petroleum Reservoir Engineering

Canadian Pacific

COMPANY Oil And Gas Limited

FIELD Wildcat

FILE CNP-4-5071

WELL CPOG Chevron Tethiine K-24

DATE _____

LOCATION 60 33' 39.36 North Lat.
118 04' 58.03 West Long.

PROV _____ ELEV. _____

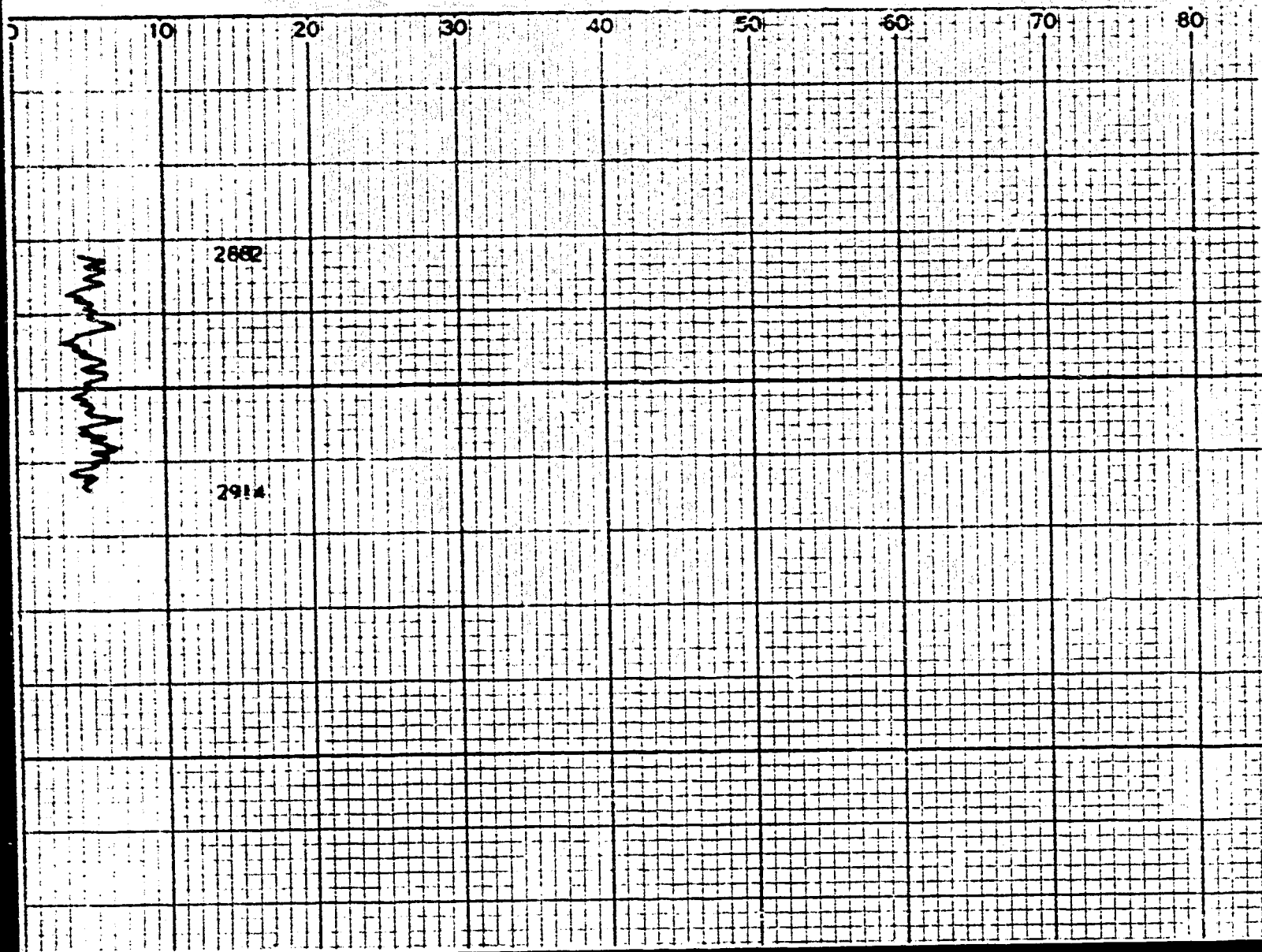
CORE-GAMMA CORRELATION

This system consists of measurements and data on observations and services supplied by the user to the user and for user purposes and conditions for the user to make. The measurements and data on observations and services supplied by the user to the user and for user purposes and conditions for the user to make. The measurements and data on observations and services supplied by the user to the user and for user purposes and conditions for the user to make. The measurements and data on observations and services supplied by the user to the user and for user purposes and conditions for the user to make.

VERTICAL SCALE: 5" = 100'

T.C. 11 Sec.

Sens. 5000 CPM



**TESTING
CORING**



DRILL STEM TESTING & CORING LTD.

EDMONTON: PHONE 433-7210

CALGARY: PHONE 269-7923

P.O. BOX 4188, EDMONTON, ALBERTA

TEST NUMBER

1

Date MARCH 30, 1970.
 Customer CANADIAN PACIFIC OIL & GAS LTD.
205 - 9th AVENUE S.W.,
CALGARY 21, ALBERTA.
 Well Name CPOG CHEVRON TATHILINA K-24
 Location 60 33'35.56 128 04'58.03
 Area TATHILINA LAKE N.W.T.
 Formation TIGHT HOLE
 Est. Pay Thick ----
 Ticket No. B-1188
 Purchase Order No. 32417

Interval 2622' TO 2642'
 Test Duration MIS-RUN
 Initial Hydrostatic 674
 Final Hydrostatic ---
 Initial Flowing ---
 Final Flowing --- after --- mins.
 Initial Shut-In --- after --- mins.
 Final Shut-In --- after --- mins.
 Blow ---
 Recovery ---

Mud Type GEL. CHDK. Size Full Hole 7-7/8" Size Rubber 7"
 Mud Wt. 9.2 Size Ret Hole NIL O.D. Drill Collar 6-1/4"
 Vis. 38 Size & Type Pipe 4-1/2" P.H. O.D. Sub or T.J. 5-5/8"
 W. L. --- Time Circulated 2 Hrs. Tool Length 52.90'
 pH 11 Where Circulated ON BOTTOM Ret Hole Length ---
 F. C. --- Bit off Bottom 4.30 P.M. Difference ---
 Condition TIGHT-BRIDGED Formation TIGHT HOLE Total Depth 2842'
 TEST EXTRAS: SAFETY JT. PUMP OUT SUB.

Type of Test BOTTOM HOLE Wt. to Set Packer MIS-RUN To Pull Loose
 Initial Puff --- Gas Flow --- Size Bean 3/4" Fluid Cushion NIL
 Temp. --- Gravity --- No. Drill Collars 16 (42890) Length 477.21' LD's 2-7/8"

PRESSURES

FLUID RECOVERY

Started In 8.00 A.M. Recorder No. 2832
 Tool Open --- M. Depth Run 3152
 " Closed --- M. Hydrostatics 672
 " Open --- M. Flow 674
 " Closed --- M. Initial S.I.P. ---
 " Loose --- M. Final S.I.P. ---
 " Cut 10.00 A.M. Difference ---

Mud ---
 Oil ---
 Water ---
 Total ---
 Sampled at ---

Description of Fluid ---

Witnessed By: ---

REMARKS: HOLE WAS TIGHT AT 11 STANDS OFF BOTTOM. PULLED OUT TO CONDITION HOLE.

TEST MIS-RUN

R.H. GUNDERSON.

Testing Supervisor

L.W. NAVRATIL.

Customer's Representative

D.S.T. # 1

WELL NAME

CPOG CHEVRON TATHILINA K-24

POOR COPY.

LOG CHEVRON TATHLINA K-24

057-1 TICKET-2-113

RECORDER 7137

MIS-RUN

672

CPOG CHEVRON TATHLINA K-24

DST-1 TICKET-B-1188

RECORDED 3152

MIS-RUN

674

**TESTING
CORING**



DRILL STEM TESTING & CORING LTD.

EDMONTON: PHONE 433-7273

CALGARY: PHONE 269-2725

P.O. BOX 4188, EDMONTON, ALBERTA

TEST NUMBER

2

Date MARCH 30, 1970.
 Customer CANADIAN PACIFIC OIL & GAS CORP.
205 - 11th AVENUE S.E.
CALGARY 21, ALBERTA
 Well Name CPOG CHEVRON TATHILINA K-24
 Location 60 33'39.36 118 04'58.03
 Area TATHILINA LAKE, N.W.T.
 Formation TIGHT HOLE
 Est. Pay Thick ---
 Ticket No. 3-1189
 Purchase Order No. 32417

Interval 2832' TO 2882'
 Test Duration MIS-RUN (169 MINUTES)
 Initial Hydrostatic 3273
 Final Hydrostatic 3379
 Initial Flowing ---
 Final Flowing --- after 60 mins.
 Initial Shut-In --- after 15 mins.
 Final Shut-In 1204 after 90 mins.
 Blow ---
 Recovery 325'

Mud Type GEL. CHEV. Size Full Hole 7-7/8" Size Rubber 7"
 Mud Wt. 9.3 Size Rat Hole NIL O.D. Drill Collar 6-1/4"
 V.L. 100 Size & Type Pipe 4-1/2" F.H. O.D. Sub or T.J. 5-5/8"
 W.L. 5.6 Time Circulated 4 Hrs. Tool Length 52.90'
 pH 12. Where Circulated ON BOTTOM Rat Hole Length ---
 F.C. 2/32 Bit off Bottom 3.15 AM. Difference ---
 Condition 10' OF FILL Formation TIGHT HOLE Total Depth 2982'
 TEST EXTRAS: SKID TO BOTTOM. SAFETY JT. PUMP OUT SUB. SAMPLER. PAID SAFE HEAD.

Type of Test BOTTOM HOLE Wt. to Set Packer 40,000 30,000 To Pull Loose
 Initial Puff FAIR Gas Flow NIL Size 3/4" Fluid Cushion NIL
 Temp. 104° Gravity --- No. Drill Collars 18(41890) Length 477.21' I.D.'s 2-7/8"

PRESSURES

FLUID RECOVERY

Started In 5.00 A.M. Recorder No. ---
 Tool Oper 7.45 A.M. Depth Run ---
 " Closed 7.50 A.M. Hydrostatics ---
 " Open 8.05 A.M. Flow ---
 " Closed 9.05 A.M. Initial S.L.P. ---
 " Loose 10.35 A.M. Final S.L.P. ---
 " Out 12.01 P.M. Difference ---

2832	3152
2830'	2836'
1388-1378	1393-1379
SEE CHARTS	---
---	---
1203	1204

Mud 325'
 Oil ---
 Water ---
 Total 325'
 Sampled at DRILL COLLAR

Description of Fluid 325' DRILLING MUD.

Witnessed By: ---

REMARKS: FAIR INITIAL PUFF. MUD HELD FOR 4 MINUTES ON PRE-FLOW THEN DROPPED RAPIDLY.
SHUT TOOL IN FOR 15 MINS. MUD DROPPED VERY SLOWLY ON FLOW - BLOW REMAINED ACTIVE
THROUGHOUT FLOW PERIOD. HAD TO SKID TOOL 10' TO BOTTOM, CAUSING PACKER RUBBER TO
RUPTURE AND CAUSE PARTIAL PACKER SEAT FAILURE.

TEST MIS-RUN.

R.H. GUNDERSON.

Testing Supervisor

L.W. NAVRATIL.

Customer's Representative

D.S.T. # 2

WELL NAME

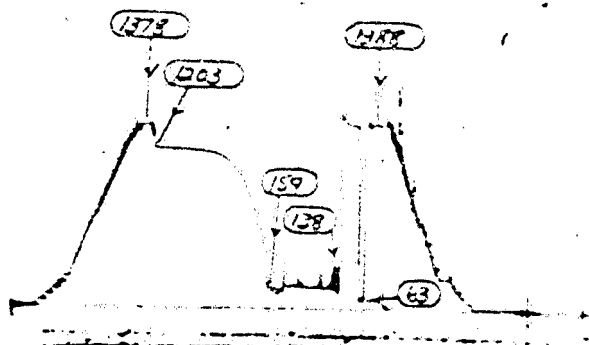
CPOG CHEVRON TATHILINA K-24

CPOG CHEVRON TATHUNA K-24

DST-2 TICKET-2-1189

RECORDER-2932

MIS-RUN

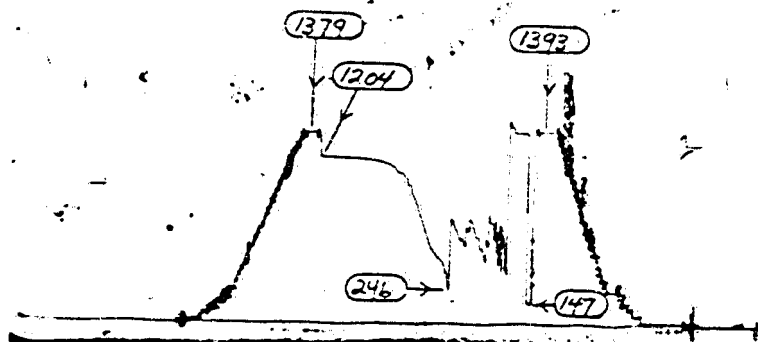


CPOG CHEVRON TATHUNA K-24

DST-2 TICKET-2-1189

RECORDER-3152

MIS-RUN



**TESTING
CORING**



DRILL STEM TESTING & CORING LTD.

EDMONTON: PHONE 433-7293

CALGARY: PHONE 269-2925

P.O. BOX 4788, EDMONTON, ALBERTA

TEST NUMBER

Date: JAN 11, 1970.
Customer: CANADIAN IMPERIAL OIL LTD.
WELL Name: CDOG CHEVRON TATHILNA K-24
Location: 10-21-34-50-22N-51W-74
Area: TATHILNA LAKE, N.W.T.
Formation: TIGHT ROCK
Est. Pay Thick: ---
Ticket No.: B-1170
Purchase Order No.: 24522

Interval: INITIAL TO 20' 20' 20'
Test Duration: 240 MINUTES
Initial Hydrostatic: 1304
Final Hydrostatic: 1304
Initial Flowing: 1304
Final Flowing: 1304 after 10 mins.
Initial Shut-in: 1304 after 30 mins.
Final Shut-in: 1304 after 120 mins.
Blow: PAIR
Recovery: 30'

Mud Type: GEL-CHEM Size Full Hole: 2-7/8" Size Rubber: 7"
Mud Wt.: 8.5 Size Rat Hole: 1 1/2 O.D. Drill Collar: 4-1/2"
Vis: 60 Size & Type Pipe: 4-1/2" S.S. O.D. Sub or T.J.: 4-1/2"
W. L.: 5.0 Time Circulated: 1 Hrs. Tool Length: 75.0'
pH: 10 Where Circulated: ON BOTTOM Rat Hole Length: ---
F. C.: 1/32 Bit off Bottom: 4.15 AM. Difference: ---
Condition: --- Formation: TIGHT ROCK Total Depth: 200'
TEST EXTRAS: SUFFICIENT DOUBLE SIZED IN. PUMP OUT SUB. SAMPLER. PAIR GAPS HEAD.

Type of Test: DRILL BOTTOM HOLE Wt. to Set Packer: 35,000 --- To Pull Loose
Initial Puff: PAIR Gas Flow: 2.0 S.F.M. Size Bean: 3/4" Fluid Cushion: ---
Temp.: --- Gravity: --- No. Drill Collars: 16 (4,800) Length: 477.01' I.D.'s: 2-7/8"

PRESSURES

FLUID RECOVERY

Started In: 8.45 A.M. Recorder No.: 2832
Tool Open: 8.05 A.M. Depth Run: 2842'
" Closed: 8.10 A.M. Hydrostatics: 1389-1381
" Open: 8.40 A.M. Flow: 29-29 37-40
" Closed: 10.10 A.M. Initial S.I.P.: 927 925
" Loose: 12.10 P.M. Final S.I.P.: 1203 1203
" Out: 3.15 P.M. Difference: 276 278

2832	3152
2842'	2847'
1389-1381	1384-1384
29-29	37-40
927	925
1203	1203
276	278

Mud: 30'
Oil: ---
Water: ---
Total: 30'
Sampled at: TOP OF TOOL.

Description of Fluid: 30' SLIGHTLY GAS. OUT DRILLING MUD.

Witnessed By: ---

REMARKS: PAIR INITIAL AIR PUFF ON PRE-FLOW. PAIR BLOW WITH GAS TO SURFACE IN ONE MINUTE ON FLOW. 3' FLARE REMAINING STEADY THROUGH TEST. GAS TOO SMALL TO MEASURE.
SAMPLER # 13 DRAINED ON LOCATION.

TEST SATISFACTORY.

R.H. GUNDERSON.

Testing Supervisor

L.W. NAVRATIL.

Customer's Representative

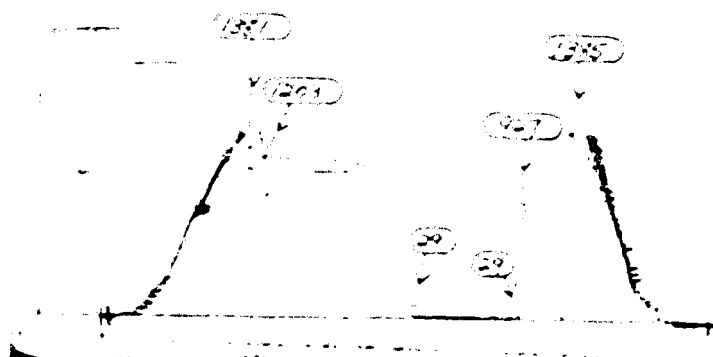
D.S.T. # 3 WELL NAME

CDOG CHEVRON TATHILNA K-24

CPOB CHEVRON TATHLINE K-24

DST-3 TICKET-3-1190

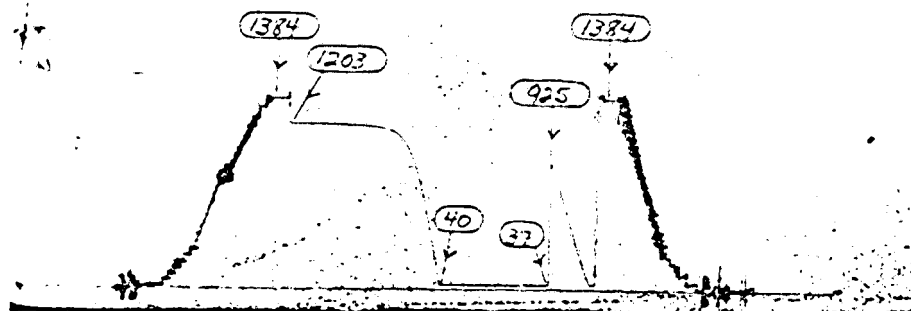
RECORDER-3152



CPOB CHEVRON TATHLINE K-24

DST-3 TICKET-3-1190

RECORDER-3152



**TESTING
CORING**



DRILL STEM TESTING & CORING LTD.

EDMONTON: PHONE 423-7293

CALGARY: PHONE 244-3925

P.O. BOX 4188, EDMONTON, ALBERTA

TEST NUMBER

4

Date APRIL 4, 1970.
 Customer CANADIAN PACIFIC OIL & GAS LTD.,
205 - 9th AVENUE S.E.,
CALGARY 21, ALBERTA.
 Well Name CPOG CHEVRON TATHILINA K-24
 Location 60 33'39.36 118 04'58.03
 Area TATHILINA LAKE, N.W.T.
 Formation TIGHT HOLE
 Est. Pay Thick ---
 Ticket No. B-1191
 Purchase Order No. 32427

Interval 2910' TO 2950'
 Test Duration 185 MINUTES
 Initial Hydrostatic 1408
 Final Hydrostatic 1404
PRE- 39
 Initial Flowing 49
 Final Flowing 52 after 60 mins.
 Initial Shut-In 492 after 60 mins.
 Final Shut-In 124 after 60 mins.
 Blow VERY WEAK-DEAD
 Recovery 20'

Mud Type CEL. CHEM. Size Full Hole 7-7/8" Size Rubber 7"
 Mud Wt. 9.0 Size Ret Hole NIL O.D. Drill Collar 6-2/4"
 Vis. 115 Size & Type Pipe 4-1/2" P.H. O.D. Sub or T.J. 5-5/8"
 W. L. 6.0 Time Circulated 8 Hrs. Tool Length 64.30'
 pH 10. Where Circulated ON BOTTOM Ret Hole Length ---
 F. C. 2/32 Bit off Bottom 2.15 P.M. Difference ---
 Condition GOOD Formation TIGHT HOLE Total Depth 3452'
 TEST EXTRAS: SAFETY JT. DOUBLE SHUT IN. PUMP OUT SUB. FAIL SAFE HEAD. BY-PASS EQUIP.

Type of Test STRADDLE BY-PASS Wt. to Set Packer 35,000 15,000 To Pull Loose
 Initial Puff WEAK Gas Flow NIL Size Bean 3/4" Fluid Cushion NIL
 Temp. --- Gravity --- No. Drill Collars 15(4-H90) Length 451.99' ID's 2-7/8"

PRESSURES

FLUID RECOVERY

Started In 5.00 P.M. Recorder No. 2832
 Tool Open 7.35 P.M. Depth Run 2940'
 " Closed 7.40 P.M. Hydrostatics 1401-1401
 " Open 8.40 P.M. Flow 37-37
 " Closed 9.40 P.M. Initial S.I.P. 488
 " Loose 10.40 P.M. Final S.I.P. 492
 " Out 12.15 A.M. Difference 102

2832	3152
2940'	2945'
1401-1401	1408-1404
37-37	49-52
488	492
102	124
386	368

Mud 20'
 Oil ---
 Water ---
 Total 20'
 Sampled at TOP OF TOOL

Description of Fluid 20' OF DRILLING MUD.

Witnessed By: ---

REMARKS: VERY WEAK INITIAL PUFF DURING PRE-FLOW. VERY WEAK BLOW WHEN TOOL
OPENED FOR FLOW PER. 1) AND DEAD AFTER 10 MINUTES.

TEST SATISFACTORY.

R.E. GUNDERSON.

Testing Supervisor

L.W. NAVRATIL.

Customer's Representative

O.S.T. # 4

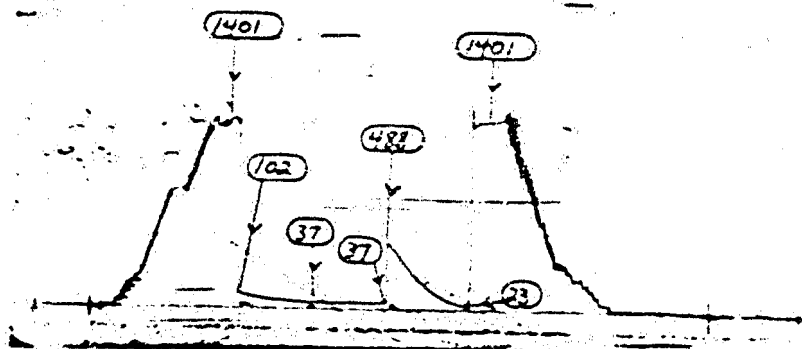
WELL NAME

CPOG CHEVRON TATHILINA K-24

POG CHEVRON TATHLINA K-24

DST. #4 TICKET # B-1191

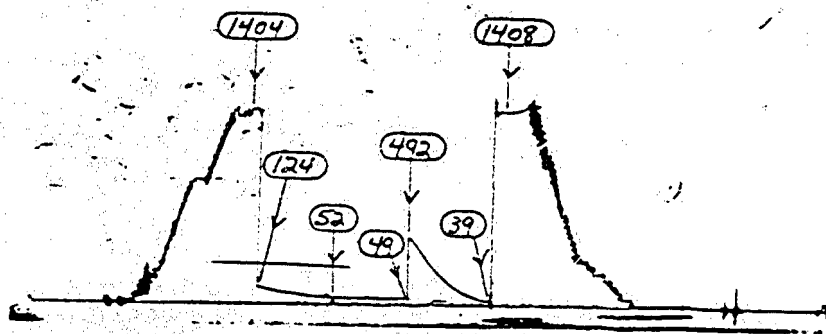
RECORDER # 2832



POG CHEVRON TATHLINA K-24

DST. #4 TICKET # B-1191

RECORDER # 3152



**TESTING
CORING**

DRILL STEM TESTING & CORING LTD.

EDMONTON: PHONE 433-7288

CALGARY: PHONE 248-3925

P.O. BOX 4188, EDMONTON, ALBERTA

TEST NUMBER

5

Date APRIL 5, 1970.
 Customer CANADIAN PACIFIC OIL & GAS LTD.
205 - 9th AVENUE S.E.
CALGARY 21, ALBERTA.
 Well Name CPOG CHEVRON TATHILINA K-24
 Location 60 33'39.36 118 04'58.03
 Area TATHILINA LAKE, N.W.T.
 Formation TIGHT HOLE
 Est. Pay Thick ---
 Ticket No. B-1192
 Purchase Order No. 32417

Interval 3230' TO 3220'
 Test Duration 185 MINUTES
 Initial Hydrostatic 1584
 Final Hydrostatic 1580
 PRE- 1224
 Initial Flowing 1242
 Final Flowing 1412 after 60 mins.
 Initial Shut-In 1411 after 60 mins.
 Final Shut-In 1412 after 60 mins.
 Blow STRONG
 Recovery 3150'

Mud Type GEL. CHEM. Size Full Hole 7-7/8" Size Rubber 7"
 Mud Wt. 9.0 Size Rat Hole NIL O.D. Drill Collar 6-1/4"
 Vis. 115 Size & Type Pipe 4-1/2" P.H. O.D. Sub or T.L. 5-5/8"
 W. L. 6.0 Time Circulated --- Hrs. Tool Length 123.10'
 pH 10. Where Circulated --- Rat Hole Length ---
 F. C. 2/32 Kit off Bottom PREVIOUS TEST #4 Difference ---
 Condition GOOD Formation TIGHT HOLE Total Depth 3451'
 TEST EXTRAS: SAFETY JT. DOUBLE SHUT IN. PUMP OUT SUB. BY-PASS EQUIP. FAIL SAFE HEAD.

Type of Test STRADDLE BY-PASS Wt. to Set Packer 15,000 To Pull Loose
 Initial Puff STRONG Gas Flow NIL Size 3/4" Fluid Cushion NIL
 Temp. 104° Gravity --- No. Drill Collars 15(43890) Length 451.99' LD's 2-7/8"

PRESSURES

FLUID RECOVERY

Started In 2.45 A.M. Recorder No. ---
 Tool Open 4.20 A.M. Depth Run ---
 " Closed 4.25 A.M. Hydrostatics ---
 " Open 5.25 A.M. Flow ---
 " Closed 6.25 A.M. Initial S.I.P. ---
 " Loose 7.25 A.M. Final S.I.P. ---
 " Out 1.00 P.M. Difference ---

3152	2832	
3310'	3315'	
1584-1580	1584-1580	
1243-1408	1242-1412	
1408	1411	
1408	1412	
0	1	

Mud 90°
 Oil ---
 Water 3060°
 Total 3150'
 Sampled at DRILL PIPE

Description of Fluid 90° HEAVY CONTAMINATED MUD.
3060° SALT WATER.

Witnessed By: ---
 REMARKS: STRONG INITIAL AIR PUFF ON PRE-FLOW. STRONG AIR BLOW ON FLOW, DEAD
AFTER 40 MINUTES ON FLOW PERIOD.

TEST SATISFACTORY.

R.H. GUNDERSON.

Testing Supervisor

L.W. NAVRATIL.

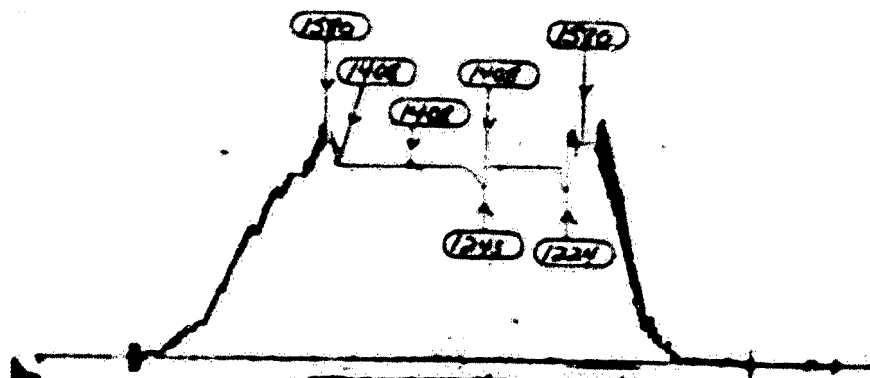
Company's Representative

D.S.T. # 5 WELL NAME CPOG CHEVRON TATHILINA K-24

LOG CHEVRON TATHLINE K-24

55505 TICKET 05-1192

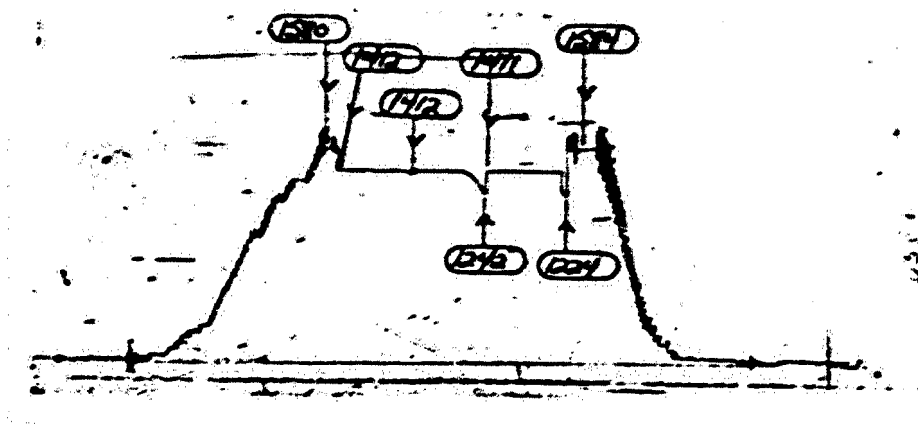
RECORDED 3152



LOG CHEVRON TATHLINE K-24

55505 TICKET 05-1192

RECORDED 3152



DAY WORK RECORD

DATE April 6/70 REPORT NO. 12

REGENT DRILLING LIMITED

DAY WORK RECORD

PUMPS			MANUFACTURER		TYPE	STROKE LENGTH	LAST CASING SIZE		LAST CASING SET AT		DATE	WELL NAME		DATE		REPORT NO.	
TOUR NO. 1 MIDNIGHT TO 8 A.M. <td colspan="2">EMSCO</td> <td>D-300</td> <td>14"</td> <td colspan="2">85</td> <td colspan="2">380</td> <td>APRIL 5/70</td> <td colspan="2">CPOG CHEVRON TATHLINA</td> <td colspan="2">APRIL 5/70</td> <td colspan="2">11</td>			EMSCO		D-300	14"	85		380		APRIL 5/70	CPOG CHEVRON TATHLINA		APRIL 5/70		11	
TOUR NO. 2 8 A.M. TO 4 P.M. <td colspan="2">EMSCO</td> <td>D-175</td> <td>12"</td> <td colspan="2"></td> <td colspan="2"></td> <td></td> <td colspan="2">60°33' 39.36" N 118°04' 58.3" W K-24</td> <td colspan="2"></td> <td colspan="2"></td>			EMSCO		D-175	12"						60°33' 39.36" N 118°04' 58.3" W K-24					
TOUR NO. 3 4 P.M. TO MIDNIGHT <td colspan="2"></td> <td></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td>																	
TOUR NO. 4 8 A.M. TO 4 P.M. <td colspan="2"></td> <td></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td>																	
TOUR NO. 5 4 P.M. TO MIDNIGHT <td colspan="2"></td> <td></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td>																	
TOUR NO. 6 8 A.M. TO 4 P.M. <td colspan="2"></td> <td></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td>																	
TOUR NO. 7 4 P.M. TO MIDNIGHT <td colspan="2"></td> <td></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td>																	
TOUR NO. 8 8 A.M. TO 4 P.M. <td colspan="2"></td> <td></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td>																	
TOUR NO. 9 4 P.M. TO MIDNIGHT <td colspan="2"></td> <td></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td>																	
TOUR NO. 10 8 A.M. TO 4 P.M. <td colspan="2"></td> <td></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td>																	
TOUR NO. 11 4 P.M. TO MIDNIGHT <td colspan="2"></td> <td></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td>																	
TOUR NO. 12 8 A.M. TO 4 P.M. <td colspan="2"></td> <td></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td>																	
TOUR NO. 13 4 P.M. TO MIDNIGHT <td colspan="2"></td> <td></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td>																	
TOUR NO. 14 8 A.M. TO 4 P.M. <td colspan="2"></td> <td></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td>																	
TOUR NO. 15 4 P.M. TO MIDNIGHT <td colspan="2"></td> <td></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td>																	
TOUR NO. 16 8 A.M. TO 4 P.M. <td colspan="2"></td> <td></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td>																	
TOUR NO. 17 4 P.M. TO MIDNIGHT <td colspan="2"></td> <td></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td>																	
TOUR NO. 18 8 A.M. TO 4 P.M. <td colspan="2"></td> <td></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td>																	
TOUR NO. 19 4 P.M. TO MIDNIGHT <td colspan="2"></td> <td></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td>																	
TOUR NO. 20 8 A.M. TO 4 P.M. <td colspan="2"></td> <td></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td>																	
TOUR NO. 21 4 P.M. TO MIDNIGHT <td colspan="2"></td> <td></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td>																	
TOUR NO. 22 8 A.M. TO 4 P.M. <td colspan="2"></td> <td></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td>																	
TOUR NO. 23 4 P.M. TO MIDNIGHT <td colspan="2"></td> <td></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td>																	
TOUR NO. 24 8 A.M. TO 4 P.M. <td colspan="2"></td> <td></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td>																	
TOUR NO. 25 4 P.M. TO MIDNIGHT <td colspan="2"></td> <td></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td>																	
TOUR NO. 26 8 A.M. TO 4 P.M. <td colspan="2"></td> <td></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td>																	
TOUR NO. 27 4 P.M. TO MIDNIGHT <td colspan="2"></td> <td></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td>																	
TOUR NO. 28 8 A.M. TO 4 P.M. <td colspan="2"></td> <td></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td>																	
TOUR NO. 29 4 P.M. TO MIDNIGHT <td colspan="2"></td> <td></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td>																	
TOUR NO. 30 8 A.M. TO 4 P.M. <td colspan="2"></td> <td></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td>																	
TOUR NO. 31 4 P.M. TO MIDNIGHT <td colspan="2"></td> <td></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td>																	
TOUR NO. 32 8 A.M. TO 4 P.M. <td colspan="2"></td> <td></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td>																	
TOUR NO. 33 4 P.M. TO MIDNIGHT <td colspan="2"></td> <td></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td>																	
TOUR NO. 34 8 A.M. TO 4 P.M. <td colspan="2"></td> <td></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td>																	
TOUR NO. 35 4 P.M. TO MIDNIGHT <td colspan="2"></td> <td></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td>																	
TOUR NO. 36 8 A.M. TO 4 P.M. <td colspan="2"></td> <td></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td>																	
TOUR NO. 37 4 P.M. TO MIDNIGHT <td colspan="2"></td> <td></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td>																	
TOUR NO. 38 8 A.M. TO 4 P.M. <td colspan="2"></td> <td></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td>																	
TOUR NO. 39 4 P.M. TO MIDNIGHT <td colspan="2"></td> <td></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td>																	
TOUR NO. 40 8 A.M. TO 4 P.M. <td colspan="2"></td> <td></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td>																	
TOUR NO. 41 4 P.M. TO MIDNIGHT <td colspan="2"></td> <td></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td>																	
TOUR NO. 42 8 A.M. TO 4 P.M. <td colspan="2"></td> <td></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td>																	
TOUR NO. 43 4 P.M. TO MIDNIGHT <td colspan="2"></td> <td></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td>																	
TOUR NO. 44 8 A.M. TO 4 P.M. <td colspan="2"></td> <td></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td>																	
TOUR NO. 45 4 P.M. TO MIDNIGHT <td colspan="2"></td> <td></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td>																	
TOUR NO. 46 8 A.M. TO 4 P.M. <td colspan="2"></td> <td></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td>																	
TOUR NO. 47 4 P.M. TO MIDNIGHT <td colspan="2"></td> <td></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td>																	
TOUR NO. 48 8 A.M. TO 4 P.M. <td colspan="2"></td> <td></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td>																	
TOUR NO. 49 4 P.M. TO MIDNIGHT <td colspan="2"></td> <td></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td>																	
TOUR NO. 50 8 A.M. TO 4 P.M. <td colspan="2"></td> <td></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td>																	
TOUR NO. 51 4 P.M. TO MIDNIGHT <td colspan="2"></td> <td></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td>																	
TOUR NO. 52 8 A.M. TO 4 P.M. <td colspan="2"></td> <td></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td>																	
TOUR NO. 53 4 P.M. TO MIDNIGHT <td colspan="2"></td> <td></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td>																	
TOUR NO. 54 8 A.M. TO 4 P.M. <td colspan="2"></td> <td></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td>																	
TOUR NO. 55 4 P.M. TO MIDNIGHT <td colspan="2"></td> <td></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td>																	
TOUR NO. 56 8 A.M. TO 4 P.M. <td colspan="2"></td> <td></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td>																	
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TOUR NO. 59 4 P.M. TO MIDNIGHT <td colspan="2"></td> <td></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td>																	
TOUR NO. 60 8 A.M. TO 4 P.M. <td colspan="2"></td> <td></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td>																	
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TOUR NO. 63 4 P.M. TO MIDNIGHT <td colspan="2"></td> <td></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td>																	
TOUR NO. 64 8 A.M. TO 4 P.M. <td colspan="2"></td> <td></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td>																	
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TOUR NO. 66 8 A.M. TO 4 P.M. <td colspan="2"></td> <td></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td>																	
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TOUR NO. 68 8 A.M. TO 4 P.M. <td colspan="2"></td> <td></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td>																	
TOUR NO. 69 4 P.M. TO MIDNIGHT <td colspan="2"></td> <td></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td>																	
TOUR NO. 70 8 A.M. TO 4 P.M. <td colspan="2"></td> <td></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td>																	
TOUR NO. 71 4 P.M. TO MIDNIGHT <td colspan="2"></td> <td></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td>																	
TOUR NO. 72 8 A.M. TO 4 P.M. <td colspan="2"></td> <td></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td>																	
TOUR NO. 73 4 P.M. TO MIDNIGHT <td colspan="2"></td> <td></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td>																	
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TOUR NO. 76 8 A.M. TO 4 P.M. <td colspan="2"></td> <td></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td>																	
TOUR NO. 77 4 P.M. TO MIDNIGHT <td colspan="2"></td> <td></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td>																	
TOUR NO. 78 8 A.M. TO 4 P.M. <td colspan="2"></td> <td></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td>																	
TOUR NO. 79 4 P.M. TO MIDNIGHT <td colspan="2"></td> <td></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td>																	
TOUR NO. 80 8 A.M. TO 4 P.M. <td colspan="2"></td> <td></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td>																	
TOUR NO. 81 4 P.M. TO MIDNIGHT <td colspan="2"></td> <td></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td>																	
TOUR NO. 82 8 A.M. TO 4 P.M. <td colspan="2"></td> <td></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td>																	
TOUR NO. 83 4 P.M. TO MIDNIGHT <td colspan="2"></td> <td></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td>																	
TOUR NO. 84 8 A.M. TO 4 P.M. <td colspan="2"></td> <td></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td>																	
TOUR NO. 85 4 P.M. TO MIDNIGHT <td colspan="2"></td> <td></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td>																	
TOUR NO. 86 8 A.M. TO 4 P.M. <td colspan="2"></td> <td></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td>																	
TOUR NO. 87 4 P.M. TO MIDNIGHT <td colspan="2"></td> <td></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td>																	
TOUR NO. 88 8 A.M. TO 4 P.M. <td colspan="2"></td> <td></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td>																	
TOUR NO. 89 4 P.M. TO MIDNIGHT <td colspan="2"></td> <td></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td>																	
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TOUR NO. 91 4 P.M. TO MIDNIGHT <td colspan="2"></td> <td></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td>																	
TOUR NO. 92 8 A.M. TO 4 P.M. <td colspan="2"></td> <td></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td>																	
TOUR NO. 93 4 P.M. TO MIDNIGHT <td colspan="2"></td> <td></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td>																	
TOUR NO. 94 8 A.M. TO 4 P.M. <td colspan="2"></td> <td></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td>																	
TOUR NO. 95 4 P.M. TO MIDNIGHT <td colspan="2"></td> <td></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td>																	
TOUR NO. 96 8 A.M. TO 4 P.M. <td colspan="2"></td> <td></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td>																	
TOUR NO. 97 4 P.M. TO MIDNIGHT <td colspan="2"></td> <td></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td>																	
TOUR NO. 98 8 A.M. TO 4 P.M. <td colspan="2"></td> <td></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td>																	
TOUR NO. 99 4 P.M. TO MIDNIGHT <td colspan="2"></td> <td></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td>																	
TOUR NO. 100 8 A.M. TO 4 P.M. <td colspan="2"></td> <td></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td></td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td>																	

TOOLPUSHER *G. Collett*
 APPROVE *W. Nawratil*

DAY WORK RECORD

TOOLPUSHER Al Corbett
APPROVED BY L. W. Naratik

REGENT DRILLING LIMITED

DAY WORK RECORD

PUMPS			DATE <u>April 3/70</u>		WELL NAME <u>CPDG CHEVRON TATHLINA</u>		DATE <u>April 3/70</u>		REPORT NO. <u>10</u>													
MANUFACTURER	TYPE	STROKE LENGTH	LAST CASING SIZE		LAST CASING SET AT		RIG NO. <u>11 H</u>		LOCATION <u>60° 33' 39.36" N 118° 04' 58.3" W K-24</u>													
TOUR NO. 1 MIDNIGHT TO 8 A.M.			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	REMARKS	START	STOP	INT VAL
DRILLER	<u>L. Jenkins</u>	<u>8</u>	<u>3352</u>	<u>99</u>	<u>3451</u>	<u>7</u>	<u>15000</u>	<u>16x6 1/8</u>	<u>32000</u>	<u>8</u>	<u>9022</u>	<u>34</u>	<u>9022</u>	<u>313</u>	<u>April 1</u>				<u>Drill</u>	<u>12:00</u>	<u>7:00</u>	<u>7</u>
DERRICK	<u>Ed Hollander</u>	<u>8</u>	<u>31</u>	STANDS	FT.	<u>5</u>	<u>7 3/8</u>	<u>2-11</u>	<u>489562</u>	<u>SCMT</u>	<u>30</u>	<u>50</u>	<u>2812</u>	<u>3451</u>	<u>639</u>	<u>35 1/2</u>			<u>Circ To Log</u>	<u>7:00</u>	<u>8:00</u>	<u>1</u>
FLOOR	<u>L. Quast</u>	<u>8</u>	<u>2</u>	SINGLES	<u>2954.10</u>	FT.																
FLOOR	<u>G. McLeod</u>	<u>8</u>	<u>16</u>	D.C.'S	<u>477.30</u>	FT.																
FLOOR			<u>2</u>	SUBS	<u>7.00</u>	FT.	<u>MUD</u>	<u>12 MID.</u>	<u>2 A.M.</u>	<u>4 A.M.</u>	<u>6 P.M.</u>	<u>WATER LOSS</u>	<u>FILTER CAKE</u>	<u>PH</u>	GENERAL REMARKS							
FIREMAN				SUB	FT.	<u>WEIGHT</u>	<u>9.3</u>	<u>9.3</u>	<u>9.2</u>	<u>9.2</u>				<u>12.</u>	<u>TOP - 3'</u>							
MECHANIC				BIT OR C.B.	FT.	<u>VISCOSITY</u>	<u>63</u>	<u>54</u>	<u>140</u>	<u>175</u>	<u>ADDITIVES</u>						<u>BOT - 2'</u>					
INJURIES					FT.	<u>PUMP PRESSURE</u>	<u>1000</u>	<u>1125</u>	<u>1150</u>	<u>1150</u>	<u>CMC REG. 180#</u>											
				KELLY IN	<u>12.60</u>	FT.	<u>R.P.M.</u>	<u>PUMP NO. 1</u>	<u>64</u>	<u>64</u>	<u>64</u>	<u>64</u>										
						FT.	<u>R.P.M.</u>	<u>PUMP NO. 2</u>														
						FT.	<u>PUMP NO. 1</u>	<u>5"</u>	<u>PUMP NO. 2</u>	<u>5 1/2"</u>												
TOTAL			<u>3451.00</u>	FT.																		
TOUR NO. 2 8 A.M. TO 4 P.M.			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	REMARKS	START	STOP	INT VAL
DRILLER	<u>L. Hanson</u>	<u>8</u>			<u>3451</u>		<u>15000</u>	<u>16x6 1/8</u>	<u>32000</u>	<u>8</u>	<u>9115</u>	<u>34</u>	<u>9022</u>	<u>313</u>	<u>April 1</u>				<u>Circulate to Log</u>	<u>8</u>	<u>9</u>	<u>1</u>
DERRICK	<u>J. Chlich</u>	<u>8</u>	<u>31</u>	STANDS	FT.	<u>5</u>	<u>7 3/8</u>	<u>2-11</u>	<u>489562</u>	<u>SCMT</u>		<u>2812</u>	<u>3451</u>	<u>639</u>	<u>35 1/2</u>				<u>Dummy Trip 12. stand</u>	<u>9</u>	<u>9 1/2</u>	<u>3</u>
FLOOR	<u>C. Day</u>	<u>8</u>	<u>2</u>	SINGLES	<u>2954.10</u>	FT.													<u>Cir to log.</u>	<u>9 1/2</u>	<u>10 45</u>	<u>1</u>
FLOOR	<u>H. Dash</u>	<u>8</u>	<u>16</u>	D.C.'S	<u>477.30</u>	FT.													<u>Drop survey</u>	<u>10 45</u>	<u>11</u>	<u>1/4</u>
FLOOR	<u>R. Dechance</u>	<u>8</u>	<u>2</u>	SUB	<u>7.00</u>	FT.	<u>MUD</u>	<u>8 A.M.</u>	<u>10 A.M.</u>	<u>12 NOON</u>	<u>2 P.M.</u>	<u>WATER LOSS</u>	<u>FILTER CAKE</u>	<u>PH</u>	GENERAL REMARKS							
FIREMAN				SUB	FT.	<u>WEIGHT</u>	<u>1</u>	<u>9.2</u>	<u>1</u>		<u>6.8</u>	<u>2/32</u>	<u>12</u>	<u>Board tally 34 38.40</u>								
MECHANIC				BIT OR C.B.	FT.	<u>VISCOSITY</u>	<u>R</u>	<u>200</u>	<u>R</u>		<u>ADDITIVES</u>						<u>Meaning 34 37.97</u>					
INJURIES					FT.	<u>PUMP PRESSURE</u>	<u>1</u>	<u>1100</u>	<u>1</u>		<u>20 if .43</u>						<u>Log</u>					
				KELLY IN	<u>12.60</u>	FT.	<u>R.P.M.</u>	<u>PUMP NO. 1</u>	<u>1</u>	<u>64</u>	<u>P</u>											
						FT.	<u>R.P.M.</u>	<u>PUMP NO. 2</u>	<u>P</u>	<u>MUD ROLL</u>												
						FT.	<u>PUMP NO. 1</u>	<u>5"</u>	<u>PUMP NO. 2</u>	<u>5 1/2"</u>												
TOTAL			<u>3451.00</u>	FT.																		
TOUR NO. 3 4 P.M. TO MIDNIGHT			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	REMARKS	START	STOP	INT VAL
DRILLER	<u>D. Sub</u>	<u>8</u>			<u>3451</u>		<u>15000</u>	<u>16x6 1/8</u>	<u>32000</u>	<u>8</u>	<u>9115</u>	<u>34</u>	<u>9022</u>	<u>313</u>	<u>3/1/70</u>				<u>Logging w/ Schlumberger</u>	<u>4:00</u>	<u>12:48</u>	<u>8</u>
DERRICK	<u>J. Boyka</u>	<u>8</u>		STANDS	FT.																	
FLOOR	<u>R. Long</u>	<u>8</u>		SINGLES	FT.																	
FLOOR	<u>H. Klein</u>	<u>8</u>		D.C.'S	FT.																	
FLOOR	<u>E. Martin</u>	<u>8</u>		SUB	FT.	<u>MUD</u>	<u>4 P.M.</u>	<u>6 P.M.</u>	<u>8 P.M.</u>	<u>10 P.M.</u>	<u>WATER LOSS</u>	<u>FILTER CAKE</u>	<u>PH</u>	GENERAL REMARKS								
FIREMAN				SUB	FT.	<u>WEIGHT</u>																
MECHANIC				BIT OR C.B.	FT.	<u>VISCOSITY</u>					<u>ADDITIVES</u>											
INJURIES					FT.	<u>PUMP PRESSURE</u>																
				KELLY IN		FT.	<u>R.P.M.</u>	<u>PUMP NO. 1</u>														
						FT.	<u>R.P.M.</u>	<u>PUMP NO. 2</u>														
						FT.	<u>PUMP NO. 1</u>	<u>5"</u>	<u>PUMP NO. 2</u>	<u>5 1/2"</u>												
TOTAL																						

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 <u>A. Carlett</u>			
APPROVED BY <u>D. Nowatil</u>								

REGENT DRILLING LIMITED

DAY WORK RECORD

DATE Apr 2/70

REPORT NO. 9

PUMPS
MANUFACTURER TYPE STROKE LENGTH

NO. 1 Emeco D-300 14"
NO. 2 Emeco D-175 12"

DATE April 2/70
RIG NO. 11 H

WELL NAME CPOG CHEURON TATHLINA
LOCATION 60°33' 39.36" N 118° 04' 58.3" W K-24
SEC. TWP. RGE.

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

TOUR NO. 1 MIDNIGHT TO 8 A.M.	HOURS	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
DRILLER <u>L. JENKINS</u>	<u>8</u>	<u>2994</u>	<u>88</u>	<u>3082</u>	<u>7</u>	<u>74000</u>	<u>16x6 1/2</u>	<u>32000</u>	<u>8</u>	<u>9022</u>	<u>34</u>	<u>9022</u>	<u>313</u>	<u>April 1</u>	<u>3010.53</u>	<u>3°</u>
DERRICK <u>Ed Holland</u>	<u>8</u>	NO.	DRILLING STRING	BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO
FLOOR <u>L. Quidst</u>	<u>8</u>	<u>27</u>	STANDS		<u>5</u>	<u>7 3/8</u>	<u>2-11 1-10</u>	<u>489562</u>	<u>SCM</u>	<u>30</u>	<u>50</u>	<u>2812</u>	<u>3082</u>	<u>270</u>	<u>14 1/4</u>	
FLOOR <u>G. McLeod</u>	<u>8</u>	<u>2</u>	SINGLES													
FLOOR		<u>16</u>	D.C.'S													
FLOOR		<u>2</u>	SUB													
FIREMAN			SUB													
MECHANIC			BIT OR C.B.													
INJURIES			KELLY IN													
TOTAL		<u>3082.00</u>	FT.													

REMARKS	START	STOP	INT VAL
<u>DRILL</u>	<u>12:00</u>	<u>1:30</u>	<u>1/2</u>
<u>SURVEY</u>	<u>1:30</u>	<u>2:00</u>	<u>1/2</u>
<u>THREAD & SPALCE BROKEN</u>			
<u>SAND LINE</u>	<u>2:00</u>	<u>2:30</u>	<u>1/2</u>
<u>DRILL</u>	<u>2:30</u>	<u>8:00</u>	<u>6 1/2</u>

TOUR NO. 2 8 A.M. TO 4 P.M.	HOURS	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
DRILLER <u>P. Hansen</u>	<u>8</u>	<u>3082</u>	<u>150</u>	<u>3232</u>	<u>7 3/4</u>	<u>75000</u>	<u>16x6 1/2</u>	<u>32000</u>	<u>8</u>	<u>9022</u>	<u>34</u>	<u>9022</u>	<u>313</u>	<u>April 1</u>		
DERRICK <u>J. Chrich</u>	<u>8</u>	NO.	DRILLING STRING	BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO
FLOOR <u>C. Day</u>	<u>8</u>	<u>29</u>	STANDS		<u>5</u>	<u>7 3/8</u>	<u>2-11 1-10</u>	<u>489562</u>	<u>SCMS</u>	<u>30 1/2</u>	<u>50</u>	<u>2812</u>	<u>3232</u>	<u>420</u>	<u>22</u>	
FLOOR <u>K. Dash</u>	<u>8</u>	<u>1</u>	SINGLES													
FLOOR <u>A. Duesten</u>	<u>8</u>	<u>16</u>	D.C.'S													
FLOOR		<u>2</u>	SUB													
FIREMAN			SUB													
MECHANIC			BIT OR C.B.													
INJURIES			KELLY IN													
TOTAL		<u>3232</u>	FT.													

REMARKS	START	STOP	INT VAL
<u>Drill</u>	<u>8</u>	<u>9:15</u>	<u>1 1/4</u>
<u>Big run</u>	<u>9:15</u>	<u>9:20</u>	<u>1/4</u>
<u>Drilling</u>	<u>9:30</u>	<u>4</u>	<u>6 1/2</u>

TOUR NO. 3 4 P.M. TO MIDNIGHT	HOURS	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
DRILLER <u>D. Sub</u>	<u>8</u>	<u>3232</u>	<u>120</u>	<u>3352</u>	<u>6 1/2</u>	<u>75000</u>	<u>16-6 1/2</u>	<u>32000</u>	<u>8</u>	<u>9022</u>	<u>34</u>	<u>9022</u>	<u>313</u>	<u>3/1/70</u>		
DERRICK <u>J. Boyko</u>	<u>8</u>	NO.	DRILLING STRING	BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO
FLOOR <u>R. Lang</u>	<u>8</u>	<u>30</u>	STANDS		<u>5</u>	<u>7 3/8</u>	<u>2-11 1-10</u>	<u>489562</u>	<u>SCMT</u>	<u>25-30</u>	<u>50</u>	<u>2812</u>	<u>3352</u>	<u>540</u>	<u>28 1/2</u>	
FLOOR <u>H. Vein</u>	<u>8</u>	<u>1</u>	SINGLES													
FLOOR <u>C. Martin</u>	<u>8</u>	<u>16</u>	D.C.'S													
FLOOR		<u>2</u>	SUB													
FIREMAN			SUB													
MECHANIC			BIT OR C.B.													
INJURIES			KELLY IN													
TOTAL		<u>3352</u>	FT.													

REMARKS	START	STOP	INT VAL
<u>Drilling</u>	<u>4:00</u>	<u>5:15</u>	<u>1 1/4</u>
<u>Big run</u>	<u>5:15</u>	<u>5:30</u>	<u>1/4</u>
<u>Drilling</u>	<u>5:30</u>	<u>12:00</u>	<u>6 1/2</u>

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. Corbett
APPROVED BY L.W. Navratil

REGENT DRILLING LIMITED

DAY WORK RECORD

PUMPS			MANUFACTURER		TYPE	STROKE LENGTH	LAST CASING SIZE		LAST CASING SET AT		DATE	WELL NAME		DATE		REPORT NO.
NO. 1			EMSCO		D-300	14"	380		380		APRIL 1/70	CPDG CHEVRON TATHLINA		APRIL 1/70		8
NO. 2			EMSCO		D-175	12"	380		380		APRIL 1/70	60°33'39.36"N 118°04'58.3"W K-24		APRIL 1/70		8
EACH EMPLOYEE MUST SIGN THIS BOOK																
TOUR NO. 1 MIDNIGHT TO 8 A.M.			HOURS													
DRILLER			L. JENKINS													
DERRICK			ED. HOLLAND													
FLOOR			H. EWACH													
FLOOR			G. McLEOD													
FLOOR			L. QUAST													
FIREMAN																
MECHANIC																
INJURIES																
TOTAL			2912.00													
TOUR NO. 2 8 A.M. TO 4 P.M.			HOURS													
DRILLER			J. HOLLAND													
DERRICK			J. GULCH													
FLOOR			C. DAY													
FLOOR			K. DASH													
FLOOR			R. DESCHAMPE													
FIREMAN																
MECHANIC																
INJURIES																
TOTAL			2897.59													
TOUR NO. 3 4 P.M. TO MIDNIGHT			HOURS													
DRILLER			D. LUB													
DERRICK			J. BOYKO													
FLOOR			R. LANG													
FLOOR			E. WAIN													
FLOOR			E. MARTIN													
FIREMAN																
MECHANIC																
INJURIES																
TOTAL			2994													
DRILL PIPE SIZE			TYPE													
B.O.P.'S TESTED			ELAPSED TIME													
PRESSURE			RESULTS													
TOTAL FOOTAGE DRILLED			LAST CALIPER DATE													
RESULTS			TOTCO RING ON BIT NO.													
TOOLPUSHER			D. Corbett													
APPROVED BY			L.W. Nowrat													

REGENT DRILLING LIMITED

DAY WORK RECORD

PUMPS

MANUFACTURER	TYPE	STROKE LENGTH
NO. 1 EMSCO	D-300	14"
NO. 2 EMSCO	D-175	12"

LAST CASING SIZE	LAST CASING SET AT
8"	380

DATE MAR 31/70

WELL NAME CPOG CHEVRON TATHLINA

DATE MAR 31/70

REPORT NO. 8

EACH EMPLOYEE MUST SIGN THIS BOOK

TOUR NO. 1 MIDNIGHT TO 8 A.M. HOURS

DRILLER	L JENKINS	8
DERRICK	Ed HOLLAND	8
FLOOR	H EWACH	8
FLOOR	G McLEOD	8
FLOOR	L QUAST	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	DEGREE	
				73000	16x6 7/8	32000		8	8826	68	8580	347	MAR 21				
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
25	STANDS		FT.	4	7 7/8	2-11 R ₁ RUN 21633	XIG	CIRC.									
1	SINGLES	2362.42	FT.														
16	D.C.'S	477.30	FT.														
2	SUBS	7.00	FT.	MUD	12 MID.	2 A.M.	4 A.M.	6 P.M.	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS					
	SUB		FT.	WEIGHT								BOARD TALLY - 2846.72					
	BIT OR C.B.		FT.	VISCOSITY			80	ADDITIVES				MEASURE - 2844.68					
			FT.	PUMP PRESSURE			750					DIFF - 2.04					
	KELLY IN		FT.	R.P.M. PUMP NO.1			64										
				R.P.M. PUMP NO.2													
TOTAL			FT.	PUMP NO. 1 LINER SIZE	5"	PUMP NO. 2 LINER SIZE	5 1/2"										

REMARKS	START	STOP	INT VAL
FINISH OUT DST 1	12:00	12:30	1/2
SERVICE TOOL & LAY DOWN	12:30	1:15	1/4
RUN IN TO CIRC TO TEST	1:15		
CLEAN 17' OF FILLS		3:15	1/2
CIRC TO TEST	3:15	4:15	1
PULL TO TEST & MEASURE OUT	4:15	5:30	1/4
MAKE UP D.S.T. 2	5:30	6:45	1/4
RUN IN DST 2	6:45	8:00	1/4

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

DRILLER	L. Hansen	8
DERRICK	J. Chelick	8
FLOOR	C. Day	8
FLOOR	H. Dash	8
FLOOR	H. Deschênes	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	
								8	8871	68	8580	347	MAR 21				
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	REAM-ED TO	CONDIT-ION
25	STANDS		FT.	3	7 7/8	3-11	21633	X16.									
1	SINGLES	2362.42	FT.														
16	D.C.'S	477.30	FT.														
2	SUBS	7.00	FT.	MUD	8 A.M.	10 A.M.	12 NOON	2 P.M.	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS					
	SUB		FT.	WEIGHT								init'd open 8:05-8:10 SHUT IN 9:10-9:40					
	BIT OR C.B.		FT.	VISCOSITY					ADDITIVES			OPEN 8:40 to 10:10 SHUT IN 10:50 to 11:10					
			FT.	PUMP PRESSURE								Recovered 30 ft of mud					
	KELLY IN	35.28	FT.	R.P.M. PUMP NO.1													
			FT.	R.P.M. PUMP NO.2													
TOTAL	2882.		FT.	PUMP NO. 1 LINER SIZE	PUMP NO. 2 LINER SIZE												

REMARKS	START	STOP	INT VAL
Finish heading up and initial	8	8:10	
Testing		12	4
Pull out	12	1:30	1/2
lay down tool	1:30	2:45	1/4
Run in	2:45	4	1/4

TOUR NO. 3 4 P.M. TO MIDNIGHT HOURS

DRILLER	D. Sub	8
DERRICK	J. Boyko	8
FLOOR	R. Lang	8
FLOOR	H. Hein	8
FLOOR	C. Martin	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		
					16-6 1/2		8	8969	68	8580	374	3/21/70						
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	REAM-ED TO	CONDIT-ION
25	STANDS	FT.	3	7 7/8	3-11	21633	XIG											
1	SINGLES	2362.42 FT.																
16	D.C.'S	477.30 FT.																
2	SUB	7.00 FT.	MUD	4 P.M.	6 P.M.	8 P.M.	10 P.M.	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS							
	SUB	FT.	WEIGHT	8.5				4.4	432	12								
	BIT OR C.B.	FT.	VISCOSITY	110				ADDITIVES	WATER									
		FT.	PUMP PRESSURE	800														
	KELLY IN	FT.	R.P.M. PUMP NO. 1	64														
			R.P.M. PUMP NO. 2	T R A N K S														
TOTAL		FT.	PUMP NO. 1 LINER SIZE			PUMP NO. 2 LINER SIZE												

REMARKS	START	STOP	INT VAL
Finish in.	4:00	4:15	1/4
Break circ a try to clean iron	4:15	4:30	1/4
Circ	4:30	5:00	1/2
Pull out, pick up magnet	5:00		
or run in		7:30	2 1/2
Circ - make magnet on iron	7:30	8:15	3/4
Pull out	8:15	9:30	1 1/4
Lay down magnet & pick up core	9:30	10:30	1
Run in	10:30	12:00	1 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. Cochet
 APPROVED BY L.W. Maratit

REGENT DRILLING LIMITED

DAY WORK RECORD

PUMPS			DATE <u>MAR 30/70</u>		WELL NAME <u>CPOG CHEVRON TATHLINA</u>		DATE <u>MAR 30/70</u>		REPORT NO. <u>8</u>		
MANUFACTURER	TYPE	STROKE LENGTH	LAST CASING SIZE		LAST CASING SET AT		RIG NO. <u>11 14</u>		LOCATION <u>60°33'39.36" N 118° 04' 58.3" W K-24</u>		
TOUR NO. 1 MIDNIGHT TO 8 A.M.			FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT	TRIPS	
DRILLER <u>L JENKINS</u>			2837	45	2882	3 3/4	72000	16x6 1/8	32000	8	
DERRICK <u>ED HERRARD</u>			25	STANDS	FT.	3	7 3/8	1-10	21633	X16	
FLOOR <u>H F WACH</u>			1	SINGLES	2362.32						
FLOOR <u>G McLEOD</u>			16	D.C.'S	477.30						
FLOOR <u>L QUART</u>			2	SUB	7.00	FT.	MUD	12 MID.	2 A.M.	4 A.M.	
FIREMAN				SUB	FT.	WEIGHT	9.0	9.1	9.3		
MECHANIC				BIT OR C.B.	FT.	VISCOSITY	28	28	38		
INJURIES					FT.	PUMP PRESSURE	1000	1050	1050		
					FT.	R.P.M.	64	64	64		
					FT.	R.P.M.					
					FT.	PUMP NO. 1					
					FT.	PUMP NO. 2					
					FT.	PUMP NO. 1 LINER SIZE	5"	PUMP NO. 2 LINER SIZE	5 1/2"		
TOTAL <u>2882.00</u>					FT.						
TOUR NO. 2 8 A.M. TO 4 P.M.			FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT	TRIPS	
DRILLER <u>J. Chelich</u>			2882				72000	16x6 1/8	32000	8	
DERRICK <u>J. Chelich</u>			25	STANDS	FT.	3	7 3/8	3-11	21633	X16	
FLOOR <u>C. D. Ray</u>			1	SINGLES	2362.42						
FLOOR <u>H. D. Walsh</u>			16	D.C.'S	477.30						
FLOOR <u>H. D. Walsh</u>			2	SUB	7.00	FT.	MUD	8 A.M.	10 A.M.	12 NOON	
FIREMAN				SUB	FT.	WEIGHT	1		9.2	8.8	
MECHANIC				BIT OR C.B.	FT.	VISCOSITY			63		
INJURIES					FT.	PUMP PRESSURE			700		
					FT.	R.P.M.			RD-111	400 lbs	
					FT.	R.P.M.			CAUSTIC	400 lbs	
					FT.	PUMP NO. 1			GEL	4000 lbs	
					FT.	PUMP NO. 2			H ₂ O - CMC - 15K		
TOTAL <u>2882.00</u>					FT.						
TOUR NO. 3 4 P.M. TO MIDNIGHT			FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT	TRIPS	
DRILLER <u>J. Sub</u>			2882				72000	16x6 1/8	32000	8	
DERRICK <u>J. Boyka</u>			25	STANDS	FT.						
FLOOR <u>R. Lang</u>			1	SINGLES	2362.42						
FLOOR <u>H. Klein</u>			16	D.C.'S	477.30						
FLOOR <u>C. Martin</u>			2	SUB	7.00	FT.	MUD	4 P.M.	6 P.M.	8 P.M.	
FIREMAN				SUB	FT.	WEIGHT					
MECHANIC				BIT OR C.B.	FT.	VISCOSITY					
INJURIES					FT.	PUMP PRESSURE					
					FT.	R.P.M.					
					FT.	R.P.M.					
					FT.	PUMP NO. 1					
					FT.	PUMP NO. 2					
TOTAL <u>2882.00</u>					FT.						
					FT.	PUMP NO. 1 LINER SIZE	5"	PUMP NO. 2 LINER SIZE	5 1/2"		
DRILL PIPE SIZE			TYPE		TOTAL NO. OF JOINTS		DATE LAST SONOSCOPED		FOOTAGE DRILLED SINCE LAST SONOSCOPED		
B.O.P.'S TESTED			ELAPSED TIME		PRESSURE		RESULTS		TOTCO RING ON BIT NO.		
TOOLPUSHER <u>A. Corbett</u>											
APPROVED BY <u>L. W. Navratil</u>											

DAY WORK RECORD

TOOLPUSHER L. C. Corbett
APPROVED BY W. Nawroth

REGENT DRILLING LIMITED

DAY WORK RECORD

PUMPS				DATE <u>MAR 28/70</u>		WELL NAME <u>CPDG CHEVRON TATHLINA K24</u>		DATE <u>MAR 28/70</u>		REPORT NO. <u>6</u>	
MANUFACTURER	TYPE	STROKE LENGTH	LAST CASING SIZE	LAST CASING SET AT	RIG NO. <u>114</u>		LOCATION <u>60°33'39.36" N 118°04'58.3" W K-24</u>		PLEASE SHOW FOOTAGE MADE WHILE "CONTROL DRILLING" AS WELL AS HOURS AND ALSO RECORD CORE CUTTERS, CATCHERS, SWAB RUBBERS, ETC.		
NO. 1 <u>Emeco</u>	<u>D-300</u>	<u>14"</u>	<u>8 1/2</u>	<u>380</u>							
NO. 2 <u>Emeco</u>	<u>D-175</u>	<u>12"</u>	<u>8 1/2</u>	<u>380</u>							
TOUR NO. 1 MIDNIGHT TO 8 A.M.				HOURS		FROM		FOOTAGE		REMARKS	
DRILLER <u>J. JENKINS</u>				8		1374		1684		DRILL	
DERRICK <u>Ed HOLLAND</u>				8		12		119.42		SURVEY	
FLOOR <u>H. FwACH</u>				8		1		146.32		DRILL	
FLOOR <u>G. McLEOD</u>				8		18		538.07		SURVEY	
FLOOR <u>L. QUAST</u>				8		2		7.00		DRILL	
FIREMAN											
MECHANIC											
INJURIES											
TOTAL				1684/00		FT.		PUMP NO. 1 LINER SIZE 5"		PUMP NO. 2 LINER SIZE 5 1/2"	
TOUR NO. 2 8 A.M. TO 4 P.M.				HOURS		FROM		FOOTAGE		REMARKS	
DRILLER <u>J. Hagen</u>				8		1684		341		DRILL	
DERRICK <u>J. Chlich</u>				8		15		146.32		SURVEY & Rig Sew	
FLOOR <u>C. Day</u>				8		1		146.32		DRILL	
FLOOR <u>H. Dash</u>				8		18		538.07		SURVEY	
FLOOR <u>R. Deackines</u>				8		2		7.00		DRILL	
FIREMAN											
MECHANIC											
INJURIES											
TOTAL				2025		FT.		PUMP NO. 1 LINER SIZE 5"		PUMP NO. 2 LINER SIZE 5 1/2"	
TOUR NO. 3 4 P.M. TO MIDNIGHT				HOURS		FROM		FOOTAGE		REMARKS	
DRILLER <u>D. Lutz</u>				8		2025		355		Drilling	
DERRICK <u>J. Bayka</u>				8		19		1804.42		Survey & Rig Sew	
FLOOR <u>R. Lang</u>				8		1		1804.42		Drilling	
FLOOR <u>H. Heun</u>				8		18		538.07		Survey	
FLOOR <u>E. Marten</u>				8		2		7.00		Drilling	
FIREMAN											
MECHANIC											
INJURIES											
TOTAL				2370		FT.		PUMP NO. 1 LINER SIZE 5"		PUMP NO. 2 LINER SIZE 5 1/2"	
DRILL PIPE SIZE <u>4 1/2</u>				TYPE <u>F.H.</u>		TOTAL NO. OF JOINTS		DATE LAST SONOSCOPED		FOOTAGE DRILLED SINCE LAST SONOSCOPED	
B.O.P.'S TESTED				ELAPSED TIME		PRESSURE		RESULTS		TOTCO RING ON BIT NO.	

TOOLPUSHER A. Corbett
 APPROVED BY L.W. Nawratil

REGENT DRILLING LIMITED

DAY WORK RECORD

PUMPS			DATE		WELL NAME		DATE		REPORT NO.	
MANUFACTURER	TYPE	STROKE LENGTH	LAST CASING SIZE	LAST CASING SET AT	DATE	WELL NAME	DATE	REPORT NO.		
NO. 1 EMSCO	D300	14"	8 3/4	380	MAR 27/70	CPOG CHEVRON TATHLINA	MAR 27/70	5		
NO. 2 EMSCO	D175	12"	8 3/4	380		40° 33' 39.36" N 118° 04' 58.3" W K-24				
EACH EMPLOYEE MUST SIGN THIS BOOK			RIG NO. 11 H		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.			
TOUR NO. 1 MIDNIGHT TO 8 A.M.			HOURS		FROM		FOOTAGE		TOTAL DEPTH	
DRILLER L JENKINS			8		463		249		712	
DERRICK ED HOLLAND			8		1		STANDS		FT.	
FLOOR H EWACH			8		1		SINGLES		125.98	
FLOOR G McLEOD			8		18		D.C.'S		538.07	
FLOOR L QUAST			8		2		SUB		7.00	
FIREMAN					SUB		FT.		WEIGHT	
MECHANIC					BIT OR C.B.		FT.		VISCOSITY	
INJURIES					KELLY IN		4100		FT.	
TOTAL			712.05		PUMP NO. 1 LINER SIZE		5"		PUMP NO. 2 LINER SIZE	
TOUR NO. 2 8 A.M. TO 4 P.M.			HOURS		FROM		FOOTAGE		TOTAL DEPTH	
DRILLER L. HANSEN			8		712		413		1143	
DERRICK J ENALICH			8		6		STANDS		557.16	
FLOOR C. DAY			8		18		D.C.'S		538.07	
FLOOR K. DASH			8		2		SUB		7.00	
FLOOR R. DESCHENES			8		SUB		FT.		WEIGHT	
FIREMAN					BIT OR C.B.		FT.		VISCOSITY	
MECHANIC					KELLY IN		41		FT.	
INJURIES					TOTAL		1143.17		PUMP NO. 1 LINER SIZE	
TOUR NO. 3 4 P.M. TO MIDNIGHT			HOURS		FROM		FOOTAGE		TOTAL DEPTH	
DRILLER D. DUBZ			8		1143		231		1374	
DERRICK J. Boleha			8		8		STANDS		FT.	
FLOOR R. Lancy			8		2		SINGLES		808.30	
FLOOR H. Klein			8		18		D.C.'S		538.07	
FLOOR C. Martin			8		2		SUB		7.00	
FIREMAN					SUB		FT.		WEIGHT	
MECHANIC					BIT OR C.B.		FT.		VISCOSITY	
INJURIES					KELLY IN		30.47		FT.	
TOTAL			1374		PUMP NO. 1 LINER SIZE		5"		PUMP NO. 2 LINER SIZE	
DRILL PIPE SIZE			TYPE		TOTAL NO. OF JOINTS		DATE LAST SONOSCOPED		FOOTAGE DRILLED SINCE LAST SONOSCOPED	
B.O.P.'S TESTED			ELAPSED TIME		PRESSURE		RESULTS		TOTCO RING ON BIT NO.	
TOOLPUSHER			A. Corbett		APPROVED BY		P.W. Newartil			

REGENT DRILLING LIMITED

DAY WORK RECORD

PUMPS

MANUFACTURER		TYPE	STROKE LENGTH	LAST CASING SIZE		LAST CASING SET AT		DATE		WELL NAME		LOCATION		DATE		REPORT NO.	
NO. 1 FMSCO		D300	14"	8 1/2		380		MAR 26 / 70		CPOG CHEVRON TATHLINH		60° 33' 39.36" N 118° 04' 58.3" W K-24		MAR 26 / 70		4	
NO. 2 FMSCO		D175	12"					RIG NO. 114		LOCATION LSD.		SEC.		TWP.		RGE.	
EACH EMPLOYEE MUST SIGN THIS BOOK				FROM		FOOTAGE		TOTAL DEPTH		HOURS ON BOTTOM		DRILL PIPE WEIGHT		NO. AND SIZE OF D.C.'S		D.C. WEIGHT	
TOUR NO. 1 MIDNIGHT TO 8 A.M.				HOURS													
DRILLER L. JENKINS				8													
DERRICK ED. HOLLAND				8													
FLOOR H. EWACH				8													
FLOOR G. McLEOD				8													
FLOOR L. QUAST				8													
FIREMAN																	
MECHANIC																	
INJURIES																	
TOTAL																	
TOUR NO. 2 8 A.M. TO 4 P.M.				HOURS													
DRILLER L. HANSEN				8													
DERRICK J. EARLICH				8													
FLOOR C. DAY				8													
FLOOR K. DASH				8													
FLOOR R. DESCHENES				8													
FIREMAN																	
MECHANIC																	
INJURIES																	
TOTAL																	
TOUR NO. 3 4 P.M. TO MIDNIGHT				HOURS													
DRILLER D. Dub				8													
DERRICK J. Boyka				8													
FLOOR R. Gang				8													
FLOOR G. Hein				8													
FLOOR C. Martin				8													
FIREMAN																	
MECHANIC																	
INJURIES																	
TOTAL																	
DRILL PIPE SIZE 4 1/2				TYPE F.H.		TOTAL NO. OF JOINTS		DATE LAST SONOSCOPE		FOOTAGE DRILLED SINCE LAST SONOSCOPE		TOTAL FOOTAGE DRILLED		LAST CALIPER DATE		RESULTS	
B.O.P.'S TESTED				ELAPSED TIME		PRESSURE		RESULTS		TOTCO RING ON BIT NO.							

TOOLPUSHER A. Corbett

APPROVED BY P.W. Nawasid

REGENT DRILLING LIMITED

DAY WORK RECORD

PUMPS			DATE <u>MAR 25/70</u>		WELL NAME <u>CPO & CHEVRON TATHLINA</u>		DATE <u>MAR 25/70</u>		REPORT NO. <u>3</u>	
MANUFACTURER	TYPE	STROKE LENGTH	LAST CASING SIZE		LAST CASING SET AT		RIG NO. <u>11 H</u>		LOCATION <u>60° 33' 39.36" N 118° 04' 58.3" W K-24</u>	
NO. 1 <u>EMSCO D-300 14"</u>									PLEASE SHOW FOOTAGE MADE WHILE "CONTROL DRILLING" AS WELL AS HOURS AND ALSO RECORD CORE CUTTERS, CATCHERS, SWAB RUBBERS, ETC.	
NO. 2 <u>EMSCO D-175 12"</u>										
TOUR NO. 1 MIDNIGHT TO 8 A.M.			HOURS		FROM		FOOTAGE		TOTAL DEPTH	
DRILLER <u>L JENKINS</u>			8		310		55		365	
DERRICK <u>ED HOLLAND</u>			8							
FLOOR <u>H EWACH</u>			8							
FLOOR <u>G McLEOD</u>			8							
FLOOR <u>L QUAST</u>			8							
FIREMAN										
MECHANIC										
INJURIES										
TOTAL			365.00		FT.		PUMP NO. 1 LINER SIZE		PUMP NO. 2 LINER SIZE	
TOUR NO. 2 8 A.M. TO 4 P.M.			HOURS		FROM		FOOTAGE		TOTAL DEPTH	
DRILLER <u>L. HANSEN</u>			12		365		17		382	
DERRICK <u>J. EHALICH</u>			12							
FLOOR <u>C. DAY</u>			12							
FLOOR <u>K. DASH</u>			12							
FLOOR <u>R. DESCHENES</u>			12							
FIREMAN										
MECHANIC										
INJURIES										
TOTAL			382.00		FT.		PUMP NO. 1 LINER SIZE		PUMP NO. 2 LINER SIZE	
TOUR NO. 3 4 P.M. TO MIDNIGHT			HOURS		FROM		FOOTAGE		TOTAL DEPTH	
DRILLER <u>L JENKINS</u>			4							
DERRICK <u>ED HOLLAND</u>			4							
FLOOR <u>H EWACH</u>			4							
FLOOR <u>G McLEOD</u>			4							
FLOOR <u>L QUAST</u>			4							
FIREMAN										
MECHANIC										
INJURIES										
TOTAL										
DRILL PIPE SIZE			TYPE		TOTAL NO. OF JOINTS		DATE LAST SONOSCOPED		FOOTAGE DRILLED SINCE LAST SONOSCOPED	
B.O.P.'S TESTED			ELAPSED TIME		PRESSURE		RESULTS		TOTAL FOOTAGE DRILLED	
									LAST CALIPER DATE	
									RESULTS	
									TOTCO RING ON BIT NO.	
									TOOLPUSHER <u>A. Corbetta</u>	
									APPROVED BY <u>P.W. Naurstiel</u>	

REGENT DRILLING LIMITED

DAY WORK RECORD

PUMPS

MANUFACTURER	TYPE	STROKE LENGTH
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NO. 1	FMSCD	D-300	14"
NO. 2	FMSCD	D-175	12"

LAST CASING SIZE LAST CASING SET AT

DATE MAR. 24/70

WELL NAME CPOG CHEVRON TATHLINA

DATE MAR 24/70

REPORT NO. 2

60° 33' 39.36" N 118° 04' 58.3" W K-24
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.

EACH EMPLOYEE MUST SIGN THIS BOOK

TOUR NO. 1 MIDNIGHT TO 8 A.M. HOURS

DRILLER L JENKINS 8

DERRICK ED HOLLAND 8

FLOOR H EWACH 8

FLOOR G M'LEOD 8

FLOOR L QUAST 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		
153	50	203	7 1/2	30 000	4 X 6 1/2	12 000		8	8580	68	8580	347	MAR 21 1897	159'		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
	STANDS		FT.	2A	12 1/4	3-12	559477	Y35	2 1/2	8M35/80	138	203	77	11 1/4				
	SINGLES		FT.															
6	D.C.'S	177.57	FT.															
2	SUB S	5.70	FT.	MUD	12 MID.	2 A.M.	4 A.M.	6 P.M.	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS						
1	SUB BELL	2.60	FT.	WEIGHT	9.2	9.1	9.1	9.2										
	BIT OR C.B.		FT.	VISCOSITY	35	32	35	37	ADDITIVES	H2O	FUEL 4' 4" TOP							
			FT.	PUMP PRESSURE	500	500	500	500	GEL-10 SAX	BOTTOM - 0"								
	KELLY IN	17.13	FT.	R.P.M. PUMP NO.1	64	64	64	64										
				R.P.M. PUMP NO.2														
TOTAL 203.00				FT.	PUMP NO. 1 LINER SIZE	5"	PUMP NO. 2 LINER SIZE	5 1/2"										

REMARKS	START	STOP	INT VAL
DRILL	12:00	2:45	2 3/4
SURVEY	2:45	3:00	1/4
DRILL	3:00	6:45	3 3/4
SURVEY	6:45	7:00	1/4
DRILL	7:00	8:00	1

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

DRILLER L. HANSEN 12

DERRICK J EMLICH 12

FLOOR C. DAY 12

FLOOR K DASH 12

FLOOR R. DESCHENES 12

FIREMAN

MECHANIC

INJURIES R. DESCHENES

WANT Right Forearm with STEAM HOSE.

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		
203	64	267	7 3/4		2-6 1/2	16000		8	8580	68	8580	347	MAR 21	226	76		
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	REAM-ED TO	CONDIT-ION
	STANDS		FT.	2-A	12 1/4	3-12	859477	T35	8/19 1/2	25/65	138	267	129	18			
	SINGLES		FT.														Running
8	D.C.'S	236.72	FT.														
2	SUB ^S	6.70	FT.	MUD	8 A.M.	10 A.M.	12 NOON	2 P.M.	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS					
1	SUB BELL	2.60	FT.	WEIGHT	9.1	9.2	9.2	9.2				USED REGENT PICK UP					
	BIT OR C.B.		FT.	VISCOSITY	36	36	36	36	ADDITIVES			TO MOVE 200 BAGS OF					
			FT.	PUMP PRESSURE	600	500	500	500				CEMENT					
	KELLY IN	21.98	FT.	R.P.M. PUMP NO.1	64	64	64	64									
				R.P.M. PUMP NO.2	MUD	ROCK											
TOTAL 267.00				FT.	PUMP NO. 1 LINER SIZE		PUMP NO. 2 LINER SIZE										

REMARKS	START	STOP	INT VAL
DRILL	8	11	3
SURVEY + Rig set.	11	11:15	1/4
DRILL	11:15	4	4 3/4

TOUR NO. 3 4 P.M. TO MIDNIGHT HOURS

DRILLER L JENKINS 4

DERRICK ED HOLLAND 4

FLOOR H EWACH 4

FLOOR G M'LEOD 4

FLOOR L QUAST 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			
267	43	310	6	30000	9x6 1/8	18000	8	8	8580	68	8580	347	MAR 21	277	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
	STANDS		FT.	2-A	12 1/4	3-12	RA ANN 859477	T35	16	62	138	310	172	24				
	SINGLES		FT.															
9	D.C.'S	268.75	FT.															
2	SUB	5.70	FT.	MUD	4 P.M.	6 P.M.	8 P.M.	10 P.M.	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS						
1	SUB	2.60	FT.	WEIGHT	9.1	9.4	9.6	9.6				SAFETY MEETING ON						
	BIT OR C.B.		FT.	VISCOSITY	36	40	35	35	ADDITIVES			BIG MOVES						
			FT.	PUMP PRESSURE	500	500	500	500										
	KELLY IN	32.95	FT.	R.P.M. PUMP NO. 1	64	64	64	64										
				R.P.M. PUMP NO. 2														
TOTAL		310.00	FT.	PUMP NO. 1 LINER SIZE		PUMP NO. 2 LINER SIZE												

REMARKS	START	STOP	INT VAL
DRILL	4	5:15	1 1/4
PULL TO CHECK BIT + LAY DOWN	5:15	7	1 3/4
DRILL TWO D.C.'S	7	8:15	1 1/4
SURVEY	8:15	8:30	1/4
DRILL	8:30	12:00	3 1/2

DRILL PIPE SIZE TYPE

TOTAL NO. OF JOINTS DATE LAST SONOSCOPIED

FOOTAGE DRILLED SINCE LAST SONOSCOPIED

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 Corlett

APPROVED BY F.W. Maurat

REGENT DRILLING LIMITED

DAY WORK RECORD

PUMPS			DATE <u>March 23rd 1970</u>		WELL NAME <u>C.P.O.G. CHEURON TATHLINA K-24</u>		DATE <u>March 23rd</u>		REPORT NO. <u>1</u>											
MANUFACTURER	TYPE	STROKE LENGTH	LAST CASING SIZE		LAST CASING SET AT		RIG NO. <u>11-H</u>		LOCATION <u>60° 33' 39.36" N 118° 04' 58.3" W</u>											
EACH EMPLOYEE MUST SIGN THIS BOOK			TOUR NO. 1 MIDNIGHT TO 8 A.M.		HOURS		RIG NO. <u>11-H</u>		LOCATION <u>60° 33' 39.36" N 118° 04' 58.3" W</u>											
DRILLER	<u>D. Lapp</u>	<u>8</u>	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	REMARKS	TIME	
DERRICK	<u>J. Boyko</u>	<u>8</u>	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	CONDIT-ION
FLOOR	<u>R. Long</u>	<u>8</u>	STANDS		FT.															
FLOOR	<u>D. Hien</u>	<u>8</u>	SINGLES		FT.															
FLOOR	<u>E. Martin</u>	<u>8</u>	D.C.'S	<u>28.23</u>	FT.															
FLOOR			SUB	<u>X-0</u>	<u>5.70</u>	FT.	MUD	12 MID.	2 A.M.	4 A.M.	6 P.M.	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS					
FIREMAN			SUB	<u>Bell</u>	<u>2.60</u>	FT.	WEIGHT									Spun out @ 1.30 A.M.				
MECHANIC			BIT OR C.B.		FT.	VISCOSITY										K.B. - 13'				
INJURIES																				
TOTAL			<u>66.58</u>	FT.																
TOUR NO. 2 8 A.M. TO 4 P.M.			HOURS																	
DRILLER	<u>L. JENKINS</u>	<u>8</u>	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	REMARKS	TIME	
DERRICK	<u>Ed. HOLLAND</u>	<u>8</u>	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	CONDIT-ION
FLOOR	<u>H. EWACH</u>	<u>8</u>	STANDS		FT.															
FLOOR	<u>G. McLEOD</u>	<u>8</u>	SINGLES		FT.															
FLOOR	<u>L. QUAST</u>	<u>8</u>	D.C.'S	<u>89.31</u>	FT.															
FLOOR			SUB	<u>5</u>	<u>5.70</u>	FT.	MUD	8 A.M.	10 A.M.	12 NOON	2 P.M.	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS					
FIREMAN			SUB	<u>Bell</u>	<u>2.60</u>	FT.	WEIGHT	8.8	9.0	9.2	9.2									
MECHANIC			BIT OR C.B.		FT.	VISCOSITY	37	36	38	38						ADDITIVES				
INJURIES																				
TOTAL			<u>126.00</u>	FT.																
TOUR NO. 3 4 P.M. TO MIDNIGHT			HOURS																	
DRILLER	<u>L. HANSEN</u>	<u>8</u>	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	REMARKS	TIME	
DERRICK	<u>J. EHALLICH</u>	<u>8</u>	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	CONDIT-ION
FLOOR	<u>E. DAY</u>	<u>8</u>	STANDS		FT.															
FLOOR	<u>K. DASH</u>	<u>8</u>	SINGLES		FT.															
FLOOR	<u>R. DESCHENES</u>	<u>8</u>	D.C.'S	<u>119.92</u>	FT.															
FLOOR			SUB	<u>3</u>	<u>5.70</u>	FT.	MUD	4 P.M.	6 P.M.	8 P.M.	10 P.M.	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS					
FIREMAN			SUB	<u>Bell</u>	<u>2.60</u>	FT.	WEIGHT	9.2	9.2	9.1	9.2									
MECHANIC			BIT OR C.B.		FT.	VISCOSITY	37	38	38	38						ADDITIVES				
INJURIES																				
TOTAL			<u>153</u>	FT.																
DRILL PIPE SIZE <u>4 1/2</u>			TYPE <u>F.H.</u>		TOTAL NO. OF JOINTS <u>120</u>		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 <u>A. Corbett</u>																				
APPROVED BY <u>F.W. Navratil</u>																				

REGENT DRILLING LIMITED

DAY WORK RECORD

PUMPS			MANUFACTURER		TYPE	STROKE LENGTH	LAST CASING SIZE		LAST CASING SET AT		DATE	WELL NAME	DATE		REPORT NO.
NO. 1			D-300		D-300	14"					MAR 22	CPOG CHEU TATHINA K. 27	MAR 22		1970
NO. 2			D-175		D-175	12"									
EACH EMPLOYEE MUST SIGN THIS BOOK															
TOUR NO. 1 MIDNIGHT TO 8 A.M.			HOURS												
DRILLER			8												
DERRICK			8												
FLOOR			8												
FLOOR			8												
FLOOR			8												
FIREMAN															
MECHANIC															
INJURIES															
TOUR NO. 2 8 A.M. TO 4 P.M.			HOURS												
DRILLER			9												
DERRICK			9												
FLOOR			9												
FLOOR			9												
FLOOR			9												
FIREMAN															
MECHANIC															
INJURIES															
TOUR NO. 3 4 P.M. TO MIDNIGHT			HOURS												
DRILLER			12												
DERRICK			12												
FLOOR			12												
FLOOR			12												
FLOOR			12												
FIREMAN															
MECHANIC															
INJURIES															
DRILL PIPE SIZE			4 1/2												
TYPE			F.H.												
B.O.P.'S TESTED			120												
ELAPSED TIME															
PRESSURE															
RESULTS															
TOTCO RING ON BIT NO.															
TOOLPUSHER			A. Corbett												
APPROVED BY			J.W. Narrati												

REGENT DRILLING LIMITED

DAY WORK RECORD

PUMPS

DATE March 21st/70

WELL NAME C.P.O.C. CHEU K. 24

DATE _____ REPORT NO. _____

PUMPS			LAST CASING SIZE		LAST CASING SET AT		LOCATION LSD.										DATE OF LAST CUT										REMARKS										TIME		
MANUFACTURER	TYPE	STROKE LENGTH	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	REMARKS	START	STOP	INT VAL																
TOUR NO. 1 MIDNIGHT TO 8 A.M.																							7																
DRILLER	<u>H. Lapp</u>	<u>13</u>																																					
DERRICK	<u>T. P. P.</u>	<u>13</u>																																					
FLOOR	<u>P. P.</u>	<u>13</u>																																					
FLOOR	<u>H. H.</u>	<u>13</u>																																					
FLOOR	<u>E. Martin</u>	<u>13</u>																																					
FIREMAN																																							
MECHANIC																																							
INJURIES																																							
TOTAL																																							
TOUR NO. 2 8 A.M. TO 4 P.M.																							7 8 13																
DRILLER	<u>L. JENKINS</u>	<u>13</u>																																					
DERRICK	<u>E. O. HOLLAND</u>	<u>13</u>																																					
FLOOR	<u>H. EWACH</u>	<u>13</u>																																					
FLOOR	<u>G. McLEOD</u>	<u>13</u>																																					
FLOOR	<u>L. QUAST</u>	<u>13</u>																																					
FIREMAN																																							
MECHANIC																																							
INJURIES																																							
TOTAL																																							
TOUR NO. 3 4 P.M. TO MIDNIGHT																							7 8 13																
DRILLER	<u>L. HANSEN</u>	<u>13</u>																																					
DERRICK	<u>J. EHRLICH</u>	<u>13</u>																																					
FLOOR	<u>C. DAY</u>	<u>13</u>																																					
FLOOR	<u>K. DASH</u>	<u>13</u>																																					
FLOOR	<u>B. DESCHENES</u>	<u>13</u>																																					
FIREMAN																																							
MECHANIC																																							
INJURIES																																							
TOTAL																																							

TOOLPUSHER A. Conlett
APPROVED BY P. W. Nawat

REGENT DRILLING LIMITED

DAY WORK RECORD

PUMPS

MANUFACTURER	TYPE	STROKE LENGTH
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NO. 1		
NO. 2		

DATE March 20th 1970

WELL NAME CPOC. CHEU TATHLINA. N. 24

DATE March 20th

REPORT NO. _____

PLEASE SHOW FOOTAGE MADE WHILE

"CONTROL DRILLING" AS WELL AS HOURS

AND ALSO RECORD CORE CUTTERS, CATCHERS, SWAB RUBBERS, ETC.

EACH EMPLOYEE MUST SIGN THIS BOOK

TOUR NO. 1 MIDNIGHT TO 8 A.M. HOURS

DRILLER D. L. Zapp 8
DERRICK J. Boyko 8
FLOOR R. Lang 8
FLOOR H. Hien 8
FLOOR E. Martin 8

FIREMAN
MECHANIC
INJURIES

RIG NO. _____																		LOCATION LSD. _____																		SEC. _____																		TWP. _____																		RGE. _____																	
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		DEGREE																																																									
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		CONDIT ION																																																							
		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

Tear out more Rig 8 4 8 hrs

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

DRILLER L. JENKINS 8
DERRICK ED. HOLLAND 8
FLOOR H. ENWACH 8
FLOOR G. McLEOD 8
FLOOR L. QUAST 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	REAM-ED TO	CONDIT-ION
	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

TEAR OUT 8 4 8

TOUR NO. 3 4 P.M. TO MIDNIGHT HOURS

DRILLER L. HANSEN 8
DERRICK J. EHRICH 8
FLOOR C. DAY 8
FLOOR K. DASH 8
FLOOR R. DESCHENES 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		CONDIT-ION	
		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

Tear out 8 4 8 hr.

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. Corbett

APPROVED BY P.W. Narasim