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

OIL & MINERAL DIVISION
DIVISION DU PÉTROLE ET DES MINÉRAUX

WELL COMPLETION DATA
RENSEIGNEMENTS SUR LES FORAGES

Drilling Authority No. 737
N° de l'autorisation de forage

Date Issued Dec. 31/73
Date de délivrance

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

Well Name & No — *Nom et n° du puits*	Permit No. — *N° de permis*	Lease No. — *N° de concession*
TPPL et al Carcajou J-27		540-R-69

(Permittee, Licensee, Lessee) — *(Détenteur de permis ou de licence, du concessionnaire)*	Exploratory Licence No. — *N° de licence de sondage*
Imperial Oil Enterprises	2023
(Operator) — *(Exécutant)*	Exploratory Licence No. — *N° de licence de sondage*
Trans-Prairie Pipelines, Ltd.	2046

LOCATION — *EMPLACEMENT*

Unit — *Unité*	Section	Grid — *Étendue quadrillée*	Latitude	Longitude
J	27	65-40-128-30	65°36'38" N	128°34'26" W

Unique Well Identifier — *Code d'ordinateur*	Universal Well Location Reference — *Références universelles d'emplacement du puits*
300J276540128300	Lat. 65.61055°N Long. 128.57389 W

	Date	Depth — *Profondeur*
Spudded — *Début des travaux*	Feb. 1/74	
Suspended — *Suspension des travaux*		
Resumed Operations — *Reprise des travaux*		
Finished Drilling — *Forage terminé*	Feb. 21/74	3250' Driller
Deepened — *Approfondissement*		3246' Logger
Complete (Gas/Oil) — *Achèvement (Gaz/Pétrole)*		
Abandoned — *Abandon*	Feb. 26/74	
Rig Released — *Fin des travaux*	Feb. 27/74	

Pool(s) — *Gisement(s)*

Interval(s) Open to Production — *Intervalle(s) de production*

Elevation: Gr. — *Altitude du sol* 180 K.B. — *du carré d'entraînement* 195

Rig No. — *N° de la tour de forage* 1

Drilling Contractor — *Entrepreneur en forage* Jennings

Contractor's Business Licence No. — *N° du permis de l'entrepreneur*

CASING RECORD — *TUBAGE*

Casing Size (Inches) — *Diamètre (en pouces)*	Grade — *Qualité*	Weight — *Poids*	Amount — *Longueur*	Set at — *Fixation à*	Sacks of Cement and Additives — *Sacs de ciment et d'additifs*
1. 9 5/8	KS	36	615'	612' K.B.	700 sx + 3%CaCl2
2.					
3.					
4.					
5.					
6.					

Geological Tops — *Sommet des formations*	Elevation — *Profondeur* Depths — *Sous le niveau du sol*	Sub-Sea — *Sous le niveau de la mer*
Imperial	1040	-845
Kee Scarp	1344	-1149
Hare Indian	2090	-1895
Hume	2550	-2355
Bear Rock	2858	-2663
T. D.	3250	-3055

Core Record — *Carottes*

From — *de*	To — *à*	Rec. — *Récupéré*	From — *de*	To — *à*	Rec. — *Recup.*
		NONE			

Log Record — *Diagrammes*

Run — *Série*	Type of Log — *Genre de diagramme*	From — *De*	To — *À*
1	BHC Sonic GR Caliper	3245	676
2	Dual Induction Laterolog	3241	676
3	Form. Density Log	3243	700
4	SNP	3245	676

DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT
CONSERVATION ENGINEER
JUN 20 1974
YELLOWKNIFE, N.W.T.
NORTHERN ECONOMIC DEVELOPMENT BR.

52-90-2 (7-71)

CEMENTING RECORD (Plug, Squeeze, etc.) CIMENTATION (Bouchon, sous pression, etc.)				PERFORATING RECORD (Bullet, Jet) PERFORATION (à balles, à jet)				SERVICING RECORD (Acidizing, Fracing, etc.) ENTRETIEN (acidification, fracturation, etc.)			
Date	From – de	To – à	Remarks – Remarques	Date	From – de	To – à	Remarks – Remarques	Date	From – de	To – à	Remarks – Remarques
Feb. 26/74	3250	3150	With 44 sacks cement	----------				-----			
	3000	2700	Tagged @ 2705 with 132 sacks cement + 2% $CaCl_2$								
	650	550	Tagged @ 557 with 64 sacks cement + 2% $CaCl_2$								
Cut off casing 3' below ground level, ran 5-sack plug. Welded on plate and marker.											

DRILL STEM TESTS – *ESSAIS AUX TIGES*

No. – N°	Date	Formation	From – de	To – à	V.O. Mins. *Venne ouverte (minutes)*	I.S.I. Mins. *Première obturation (minutes)*	F.S.I. Mins. *Obturation définitive (minutes)*	I.S.I.B.H.P. *Pression de fond à la 1re obturation*	F.S.I.B.H.P. *Pression de fond à l'obturation définitive*	I.F.B.H.P. *Pression de fond au jaillissement*	F.F.B.H.P. *Pression de fond à l'écoulement définitif*	I.H.P. *Pression hydrostatique de début*	F.H.P. *Pression hydrostatique définitif*	Remarks – Remarques
1	Feb. 24 1974	Bear Rock	2880	2985	60	60	60	1333	1277	114	228	1355	1355	Recovered 450' drilling mud and water.
					Pressures reported are field reading.									

ANALYSIS – *ANALYSE*

Lab. No. *N° de laboratoire*	Sample *Echantillon*	From – de	To – à	Source	Remarks – Remarques
C74-2198-1) C74-2198-2)	Filtrate	2880	2985	DST #1	
C74-2198-3	Water	2880	2985	DST #1	

PRESENT STATUS OF WELL
ETAT ACTUEL DU PUITS

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

Company *Société* Trans-Prairie Pipelines, Ltd.

Signed by *Signé par* N. L. Fisher

Title *Titre* Drilling Engineer

Date May 28, 1974

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

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

Drilling Authority No. 737

CANADA

DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT

OIL AND MINERAL DIVISION

Application for a Drilling Authority

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

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

Name and number of well . TPPL et al Carcajou J-27

Location: Unit J Section 27 Grid 65-40-128-30
Latitude 65° 36' 38" N Longitude 128° 34' 26" W
Unique Well Identifier. . . . 300J276540128300
Universal Well Location Reference. Lat. 65.61055° N., Long. 128.57389° W.

Elevation: Ground +180 K.B. +202 feet above sea-level.
Well is expected to produce from KEE SCARP formation at a depth of about 2300 feet. Expected total final depth 4300'
Area assigned to well Exploratory
(for District Conservation Engineer's use only)

Permit No. - Lease No. 540-R-69 Acreage 2,647
Permittee, licensee, or lessee Imperial Oil Enterprises Ltd.
Exploratory Licence No. 2023
Surface owned by Crown or CROWN
(If alienated submit name and address of owner and occupant.)

Petroleum and natural gas rights owned by . CROWN LEASED TO IMPERIAL OIL LTD.
We propose to use the following strings of casing, either cementing or landing them as indicated below:–

Casing Size O.D. (Inches)	Weight (Lb./Ft.)	Grade	New or Used	Estimated Depth	Sacks of Cement
1. 9-5/8	36#	K-55	New	600	450
2. 5½	15.5#	J-55	New	4300	250
3.					
4. * 13-3/8	54	K-55	New		
5. * 120' 13-3/8 conductor pipe will be available at lease. Amount to be run and cemented as conditions dictate once drilling commences.					

Expected water, gas, and oil horizons and type of control equipment
DIAGRAMS ATTACHED

Well will be drilled with Rotary Rig No. 1 by Jennings International Drilling
(Drilling Contractor or company)

Responsible agent of applicant:–
At well... Al. Stack
Address .. Norman Wells
Contractor's Business Licence No.
At registered office.... R. Comeau
Address 640 - 8 Avenue S.W., Calgary, Alberta.
It is understood that if changes become necessary, notice of the change of plan will be submitted.
Dated at Calgary, Alberta, this 18th day of December 19 73
Signed by [signature]
Company Trans-Prairie Pipelines, Ltd.
Title ... Drilling Engineer
Operator's Licence No. 2046

(For Oil and Mineral Division use only)

APPROVED

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

Please see Conditions of Approval on the attached sheet.

Dated. December 31, 19 73. [signature] for G.E. Blue
District Conservation Engineer

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

IAND 52-90-1 (8-71)

Voir au verso

TO BE ATTACHED TO AND MADE A PART OF DRILLING AUTHORITY NO. 737

FOR TPPL et al Carcajou J-27 APPROVED Dec. 31, 1973.

CONDITIONS OF APPROVAL:

1. Copies of this Drilling Authority or Amendments to a Drilling Authority shall be exhibited at the drilling rig in both the Doghouse and the Drilling Foreman's office between spud and rig release dates.

2. The Company shall submit to this office, on Tuesday of each week/daily, the latest reports received on the progress of the well.

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

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

5. Approval must be obtained from the District Conservation Engineer to run any casing or liners not approved on the Drilling Authority.

6. All shows of oil and/or gas, and water flows, or any unusual events shall be reported to the District Conservation Engineer immediately.

7. Should a fatal accident occur, drilling operations are to be suspended and the District Conservation Engineer notified immediately. Permission to resume drilling must be obtained from the District Conservation Engineer.

8. Two field print copies of all well logs and three copies of the core analyses and fluid analyses must be forwarded to the District Conservation Engineer as soon as they are available.

9. Formation tops (samples or logs) of the section penetrated each week are to be reported with the weekly drilling reports.

10. The District Conservation Engineer must be notified at least 24 hours before spudding the well.

11. Permission to drill beyond the approved final total depth MUST be obtained from the District Conservation Engineer.

12. All Tool-pushers and all back-up Supervisory Personnel who are engaged in Northern operations are required to hold a valid PITS Well-Control Training Course Certificate (or its equivalent as rated by a committee representative of industry interests, to be established by APOA).

cond

13. All such northern locations require at least one of the certified persons mentioned under item (12) above to be on-site at all times during drilling operations.

14. Pre-spud drilling safety Supervisory meetings shall be held on-site between Operator/Contractor(s) personnel, followed by regular blow-out control procedures drills. These meetings and drills shall be noted on the daily tour sheets.

for G.E. Blue,
District Conservation Engineer,
District 2.

TPPL ET AL CARCAJOU

WELL PROGRAM

PERTINENT DATA:

Well Name: TPPL et al Carcajou

Location: J27

Co-ordinates: 65° 36" 38" North Latitude
128° 34' 26" West Longitude

Elevations: Ground: 180'
K.B.: 200' Est.

Objective: Primary - Kee Scarp
Secondary - Bear Rock

Classification: Wildcat, Tight Hole

GEOLOGICAL PROGNOSIS

Marker	Depth	Subsea
Imperial	1600'	-1400'
Kee Scarp	2300'	-2100'
Hare Indian	3000'	-2800'
Hume	3600'	-3400'
Bear Rock	3880'	-3680'
T.D. - 350' into Bear Rock	4230'	-4030'

DRILLING PROGRAM

1. Drilled 12¼" surface hole sufficient to run 600' of 9-5/8" casing.

2. Run 9-5/8", 36#, J-55, ST&C new casing. Equip with float shoe, baffle plate on bottom joint and one centralizer 10' up on bottom joint. Cemented to surface with 295 sacks construction cement plus 3% $CaCl_2$.

3. Hang casing 8 hrs. then slack off. Install 10", 600 series casing bowl supplied by operator. Install double gate shaffer and hydril. Pressure test to 1000 PSI before drilling out casing shoe. Drill out after 18 hrs.

4. Drill 8-3/4" hole to core point as instructed by drilling supervisor.

.... cont'd

5. Core and test as instructed by supervisor. After coring, ream and drill ahead to T.D.

6. Case well with 5½" casing or abandon as instructed by supervisor.

SAMPLES

1. Drill Cuttings:
   a. 10' samples from base of surface casing to T.D.
   b. Imperial -1) 10' samples from base of surface casing to T.D.
      2) 10' bagged samples from base of surface casing to T.D.
      3) One set of canned samples from base of surface casing to T.D. at 50' intervals
   c. Government - from licence

2. Mud: A representative mud sample is to be caught just prior to coming out to log for Rm, Rmc and Rmf measurements.

3. Fluid: Representative samples of DST recovery fluids must be caught for analysis. Duplicate samples are to be retained on the lease for Rw analysis.

CORING AND TESTING

If porosity is encountered in the Kee Scarp formation, a bottom hole D.S.T. will be run after penetrating 10' of the porous interval.

A 60' core is to be cut if the above test of the Kee Scarp porosity has any show of hydrocarbons. Additional coring will be determined after evaluation of previous test and core data. Essentially testing and coring will continue until the base of the porosity of the Kee Scarp is reached or until only water is recovered on D.S.T.

Further testing of other zones will be determined after logging at T.D.

TIME DRILLING

A geolograph or equivalent time drilling recorder will be used.

DEVIATION

Surface Hole - Surveys are to be taken at least once per 100' in surface hole with maximum allowable deviation of 1^{o}.

Surface Casing to T.D.: Surveys are to be taken at least once per 500' of 8-3/4" hole with maximum allowable deviation of 3^{o}.

MUD PROGRAM

A detailed mud program will be supplied by the service company. Generally

the program will be as follows:

0	- 600 -	Gel/Lime	
600	-2000 -	Water	
2000	- T.D.-	Gel/Chem -	weight 8.8 - 9 Viscosity of 50 sec. for drilling and coring Viscosity of 80 - 100 sec. for logging and testing. Water loss of 6cc or less from 2200 - T.D.

LOGGING

Schlumberger:

DIL - 2" and 5" scale from T.D. to base of surface casing.
BHC Sonic GR (Intergrated) - 5" scale from T.D. to base of surface casing
Sonic Log Scales - 40/60/80 from T.D. to 50' above Kee Scarp
40/90/140 from Kee Scarp to top of log.
CNL/FDC - 5" scale from T.D. to 50' above Kee Scarp.

WELL SUPERVISION

Pending

COMPANY REPRESENTATIVES - Trans-Prairie Pipelines, Ltd. - 269-5111

PRODUCTION DEPARTMENT

D.I. Walker - 253-4381
N.Fisher - 286-1230
R.A. Comeau - 271-7862
W.R. Brooke - 281-5839

EXPLORATION DEPARTMENT

D.A. Klint - 243-7344
J. Henderson- 337-2256

COPIES REQUIRED

Logs: Field - 8, Final - 9, D.S.T. Reports - 8, Analyses - 8, Completion Report - 6

APPROVALS

PRODUCTION DEPARTMENT _____
D.I. Walker

EXPLORATION DEPARTMENT _____
D.A. Klint

ENGINEERING DEPARTMENT _____
W.R. Brooke

R.A. Comeau,
Drilling Supervisor.

RAC/ef
Dec. 14/'73

CANADA

Drilling Authority No. 737

DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT
OIL AND MINERAL DIVISION

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

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

Name and number of well TPPL et al Carcajou J-27

Location: Unit J Section 27 Grid 65-40-128-30

Latitude 65°36'38" N Longitude 128°34'26" W

From Established Reference Marker

Universal Well Location Reference 65.61055°N 128.57389°W

Permit No. Lease No. 540-R-69

Imperial Oil Enterprises Ltd.
(Permittee, Licencee, Lessee)

Date of commencement of proposed program

OIL, GAS, AND WATER ENCOUNTERED
(Depths)

Oil at Nil

Gas at Nil

Water at 2880' from DST #1

Total Depth 3250' Date of last operations Feb. 25/74

Present condition of well Plugged and abandoned

CASING RECORD

	Casing Size O.D. Inches	Weight	Amount	Set At—	Sacks of Cement and Additives	Amount Pulled
1.	9 5/8	36#	615'	612'K.B.	695 sx + 3%$CaCl_2$	Nil
2.						
3.						
4.						
5.						

PROPOSED ABANDONMENT PROGRAM

Plug No.	Plug Position	Geological Formation	Number of Sacks of Cement	Remarks
1	3250-3150	Bear Rock	45	
2	3000-2700	Bear Rock	130	Tagged @ 2705 after 8 hrs.
3	650-550		65	Tagged @ 557 after 8 hrs.

The following logs have been run DILL, Sonic GR Caliper, Density, SNP

Other operations proposed

Operations to be carried out by Jennings International Drilling Contractor Licence No.

Address 404, 736 - 8 Ave. S.W., Calgary, Alta. Address

Responsible Agent in field A. Stack

Dated at Calgary, Alberta, this 28 Day of May 19 74

Signed by N. L. Fisher Company Trans-Prairie Pipelines, Ltd.

Title Drilling Engineer Operator's Exploratory Licence No. 2046

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

(For OIL AND MINERAL DIVISION use only)

APPROVAL

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

Confirming oral approval given by Mr. C. E. Blue on February 25, 1974. This approval also included cutting off the casing 3 feet below ground level, capping with 5-sack cement plug at surface and welding on plate and well marker.

Dated May 31, 19 74

C. E. Blue
District Conservation Engineer

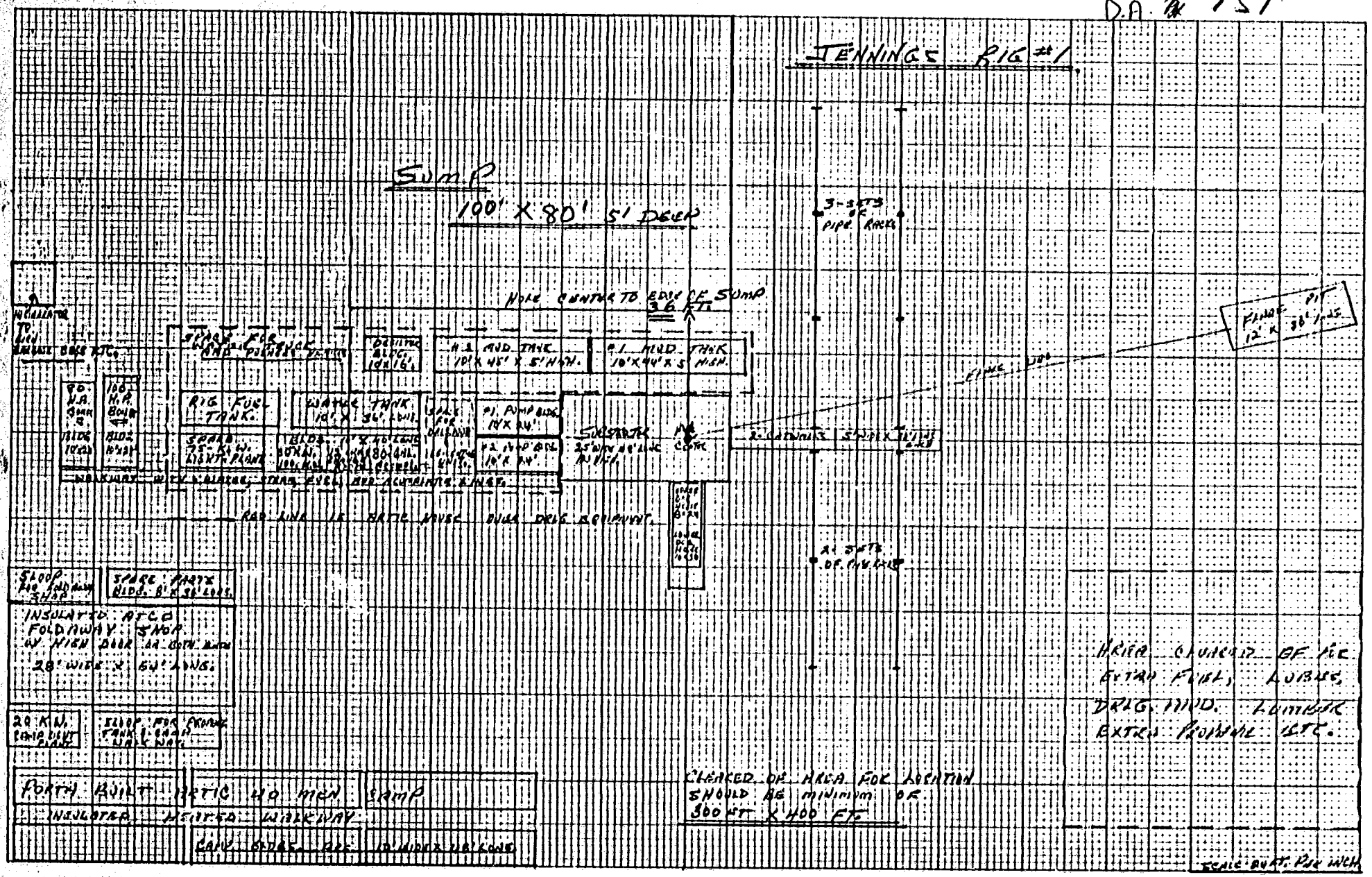
IAND 52-90-5 (7-71)

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

Voir au verso

73

D.A. # 737



HUGHES OWENS 335 8046 12 X 12

JENNINGS INTERNATIONAL DRILLING
RIG #1 BOP HOOKUP
D.A. 737

Check Valve
Flow Nipple
2" HOLE FILL LINE
10" HYDRIL
900 SERIES
1-3" 900 SERIES FLANGED STEEL VALVE
1-2" 900 SERIES FLANGED STEEL VALVE
2" STEEL LINE TO MANIFOLD OR MUD TANK
2" OUT LET
3" OUT LET
BLANK
CLOSING ARMS EXTEND OUT SIDE OF SUB BASE
SPACE SAVER FLANGE
HYDRAULIC
10" S.S. CAMERON.
DOUBLE RAM.
TOP PIPE RAMS
BOTTOM BLANK
FROM MUD LINE
2" STEEL KILL LINE
CLOSING ARMS EXTEND TO OUT SIDE SUB BASE
10" 900 SERIES SPOOL
2" LINE TO SUMP AND MUD TANK
OR MANIFOLD
2"
2"
2"
1-2" 900 SERIES CHECK STEEL FLANGED VALVE
2-2" 900 SERIES FLANGED STEEL VALVES
CASING HEAD
3" OUT LET
2-2" 900 SERIES FLANGED STEEL VALVES
1-2" STEEL FLANGED POSITIVE CHOKE

RETURN LINE FROM MANIFOLD TO MUD TANK

CAMERON GAUGE →

2" ADJUSTABLE CHOKE FLANGED

2" CAMERON SCREWED VALVES 900 SERIES

2" STEEL TEE W/ 2" BULL PLUG

2" OUT LET W/ VALVE

3" OUT LET W/ VALVE

1" OUT LET W/ VALVE

3" SERIES 900 FLANGED VALVE

2" SERIES 900 FLANGED VALVE

LINE TO RIG FLOOR FOR D.S.T.

2" SCREWED VALVE

FROM BOP'S 5" STEEL LINE

3" STEEL FLANGED CROSS

3" SERIES 900 FLANGED VALVE

150' 2" LINE TO FLARE PIT

4" MANIFOLD

TO FLARE PIT

(2" CHOKE TIE IN FOR MANIFOLD EITHER ABOVE OR BELOW THE DOUBLE HYDRAULIC RAMS IF OPERATOR REQUESTS

3" SERIES 900 FLANGED VALVE

2" 900 SERIES SCREWED VALVE

POSITIVE CHOKE FLANGED

2" STEEL TEE W/ 2" BULL PLUG

JENNINGS INTERNATIONAL DRILLING

RIG #1 BOP HOOKUP

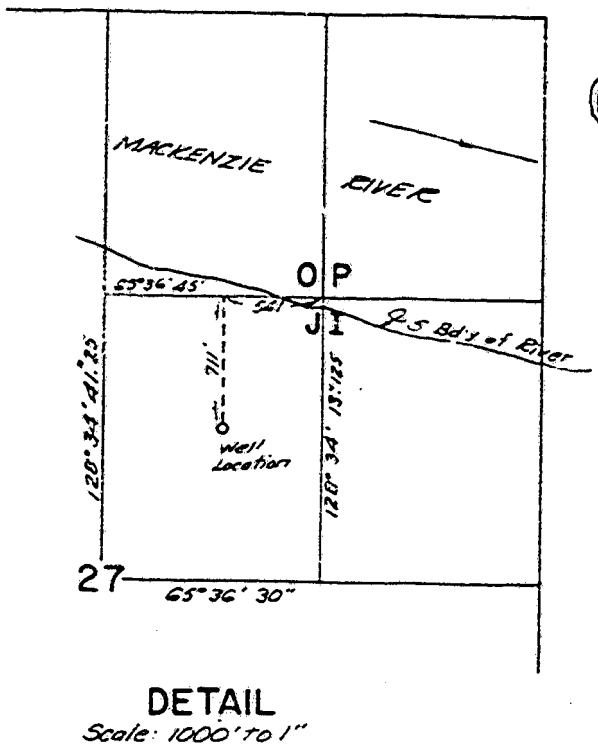
HIGH HAZARD AREA MANIFOLD

JJ.

TPPL ET AL CARCAJOU J27
J 27 65°40', 128°30'

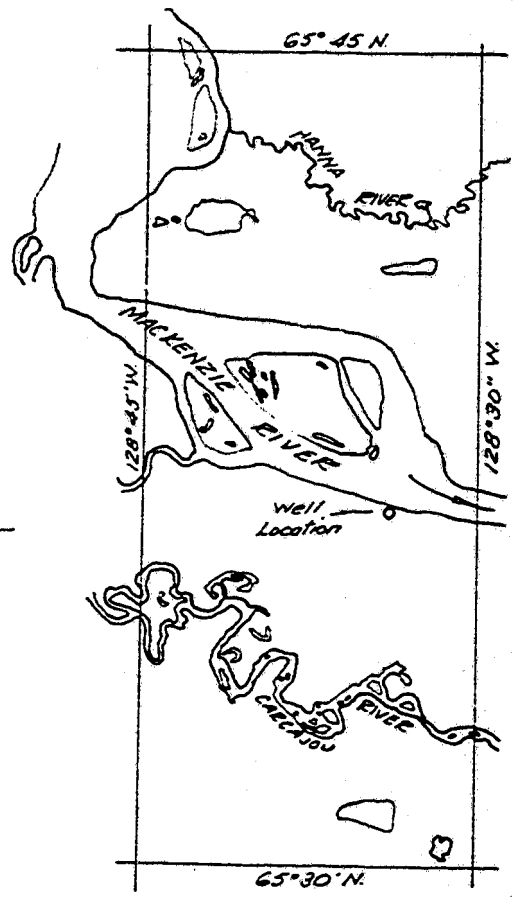
Latitude 65°36'38" Longitude 128°34'26"

Northwest Territories



DETAIL

Scale: 1000' to 1"



LOCATION PLAN

Scale: 1:250,000 (N.T.S. 106 H)

I certify that this plan is correct to the best of my knowledge and was completed on the 1st day of November, A.D. 1973.

Alberta Land Surveyor

Witness

NOTE:
1. Well is 711' South } of N.E. Cor. of Unit J
541' West }

TRANS-PRAIRIE PIPELINES LTD.

Prepared by:
MIDWEST SURVEYS CO. LTD.

D · 49 · 73 · 1

SUMMARY

WELL RECORD GENERAL

WELL RECORD GEOLOGICAL

WELL HISTORY REPORT

a. Well Name: TPPL ET AL CARCAJOU J-27
b. Permittee: Imperial Oil Enterprises Ltd.
c. Operator: Trans-Prairie Pipelines, Ltd.
d. Location: Unit J, Section 27, Grid 65-40-128-30
e. Co-ordinates: Latitude: 65° 36' 38" N
Longtitude: 128° 34' 26" W
Unique Well Identifier: 300J276540128300
Universal Well Location Reference: Lat. 65.61055°
Long. 128.57389°

f. Lease No. 510-R-69
g. Contractor: Jennings International Drilling
Rig No. 1
Rotary Rig
h. Drilling Authority No. : 737
Issued: Dec. 31, 1973
i. Classification: New Field Wildcat
j. Elevations: Ground +180'
K.B. 195'
Casing Flange: 180'
k. Date Spudded: February 1, 1974
l. Date Completed Drilling: February 21, 1974
m. Total Depth: 3250' K.B. Driller, 3247' Logger
n. Well Status: Drilled and Abandoned
o. Rig Released: February 27, 1974
p. Hole Size: $12\frac{1}{4}$" to 612'
8 3/4" from 612' to 3250'
q. Casing: Surface: 9 5/8" 36# KS ST&C new casing landed at 612' K.B. Cemented with 700 sacks oilwell cement + 3% $CaCl_2$.

ABANDONMENT PLUGS

TPPL ET AL CARCAJOU J-27

Plug #1: 3150 - 3250. Cemented with 44 sacks Oilwell Cement. Displaced with 44 bbls. mud. Plug down at 2:00 a.m., February 26/'74

Plug #2: 2700 - 3000' Cemented with 132 sacks Oilwell Cement plus 2% $CaCl_2$. Displaced with 37 bbls. mud. Plug down at 3:15 a.m., Feb. 26/'74.

Felt Plug #2 at 2705' at 11:45 a.m., February 26, 1974.

Plug #3: 550 - 650' Cemented with 64 sacks Oilwell cement plus 2% $CaCl_2$. Displaced with 7.5 bbls. mud. Plug down at 2:30 p.m., Feb. 26.

Felt plug #3 at 557' at 10:45 p.m.

Cut casing off 3' below ground. Cap with 5 sacks cement plus. Weld on plate and identification post.

NF/ef
Mar. 18, 1974

CHRONOLOGICAL DRILLING REPORT

COMPLETION

CHRONOLOGICAL COMPLETION REPORT
TREATMENT REPORTS

CSG/TBG

CASING TALLIES
TUBING TALLIES

BIT #

BIT RECORD

TPPL ET A [redacted]RCAJOU J27

BIT RECORD

BIT #	SIZE	TYPE	DEPTH OUT	FOOTAGE	HOURS	CUM. HOURS	CONDITION
1A	8-3/4	OSC1G	100	100	10½	10½	6-1-1
2A	8-3/4	X1G	193	93	17	27½	2-1-1
3A	12¼	OSC3	424	193 REAM 231 DRILL	4-3/4 17	44½	6-5-2
4A	8-3/4	X1G	496	72	13¼	57-3/4	2-1-1
5A	12¼	OSC3	612	72 REAM 116 DRILL	5½ 9	66-3/4	3-1-1
1	8-3/4	X1G RR	677	65	4¼	71	2-1-1
2	8-3/4	X1G	1075	398	29¼	100¼	4-1-1
3	8-3/4	X1G	1189	114	18	118¼	2-1-1
4	8-3/4	XDV	1445	256	23-3/4	142	3-1-1
5	8-3/4	XDV	1886	441	33½	175½	2-1-1
6	8-3/4	J44	2295	409	38½	214	1-1-1
7	8-3/4	XDV	2934	639	45¼	259¼	4-1-1
8	8-3/4	J44 RR	3250	316	31¼	290½	1-1-1

NF/jj
March 18/'74

MUD RECORD
MUD ADDITIVE RECORD

MUD

MUD REPORT

TPPL ET AL CARCAJOU J-27

Surface Hole:	Gel/Lime Slurry. Water Base
Used:	39,200# Bentonite 650# Lime 350# Caustic Soda
Main Hole:	Water to 1500' Gel/Benex Water Base System 1500' to 3250'
Used:	26,100# Bentonite 100# Caustic Soda 400# Bicarbonate of Soda 100# Benex 2,500# Soda Ash 800# CMC 200# Peltex

... cont'd

DEVIATION SURVEY RECORD

DEVIATION

DEVIATION RECORD

TPPL ET AL CARCAJOU J-27

DEPTH	DEVIATION
90'	1½ o
122'	3/4
169'	3/4
259'	1¼
323'	1-1/8
382'	2
413'	3
477'	3½
455'	3½
518'	3¼
555'	3¼
580'	3¼
612'	3-1/8
635'	3-7/8
663'	4¼
673'	4
722'	3-3/4
754'	4-3/4
784'	4-7/8
826'	3½
886'	4½
949'	5½
968'	4¼
1002'	4-3/4
1034'	4-3/4
1065'	4-7/8
1085'	5
1115'	4-7/8
1147'	4-7/8
1220'	4-7/8
1251'	5
1281'	5
1310'	5¼
1342'	5¼
1371'	5½
1394'	5½
1435'	5½
1457'	5½
1500'	5½
1561'	5½
1620'	5½
1713'	5½
1805'	5¼
1886'	5½
1958'	5-7/8
1988'	5-7/8
2049'	5-3/4
2112'	5-3/4
2173'	6
2233'	6¼
2295'	6½
2356'	6-3/4
2417'	6½
2477'	6-3/4
2541'	6-7/8
2634'	6-7/8
2727'	6-7/8
2819'	6-7/8
2909'	7½
2973'	7½
3044'	7½
3155'	7-7/8
3250'	8

... cont'd

CORE DESCRIPTION AND TIMES

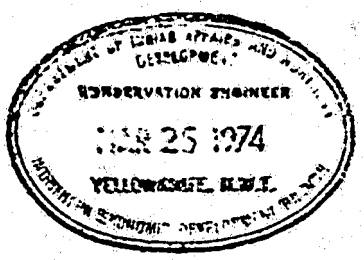
CORE ANALYSIS

SAMPLE DESCRIPTION

GEOLOGY

GEOLOGICAL REPORT

TPPL ET AL CARCAJOU J-27



Robert J. Mason, P.Geol.

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TPPL ET AL CARCAJOU J-27

SAMPLE DESCRIPTIONS

2080	LIMESTONE, 25%, grey-brown, finely crystalline, finely fragmental, few spines, small rounded fossils (small ostracods?). LIMESTONE, 25%, dark grey, finely crystalline, argillaceous, fluorescent cut in chlorothene. LIMESTONE, 25%, light grey, with bituminous specs, chalky, very silty. SHALE, 25%, black, calcareous, bituminous, part with fluorescent cut in chlorothene. LIMESTONE, trace, brown, coarsely fragmental to white, coarsely crystalline.
2090	LIMESTONE, grey-brown, finely crystalline, finely fragmental to grey, chalky, silty, with bituminous inclusions. SHALE, 20%, black, bituminous, calcareous.
2100	SHALE, black, bituminous, calcareous, interbedded with limestone, grey, argillaceous, silty, to 30% of sample. LIMESTONE, 10%, brownish-grey, argillaceous, very finely crystalline.
2110	SHALE, black, bituminous, silty, calcareous. LIMESTONE, grey, silty, with bituminous specs, argillaceous. LIMESTONE, minor, brown, very finely crystalline.
2120	SHALE, as above. LIMESTONE, 20%, grey, as above.
2130	SHALE and LIMESTONE, as above. LIMESTONE, trace, light grey, finely fragmental.
2140	SHALE, black, calcareous, bituminous, silty. LIMESTONE, 30%, grey, silty, argillaceous, with bituminous specs, minor, grading to brown, finely crystalline, argillaceous.
2150	SHALE, black, micromicaceous, to dark grey-brown, calcareous, grading to limestone, grey-brown, finely crystalline, trace fossiliferous. LIMESTONE, 10%, light grey, chalky, silty, with bituminous specs.

2160	SHALE,	black, micromicaceous, to dark grey-brown, grading to limestone, trace silty.
2170		As above.
2180	SHALE,	black, micromicaceous, calcareous, grading to grey-brown, limy, grading to limestone, brown, very finely crystalline.
	LIMESTONE,	minor, grey, silty, argillaceous, with bituminous specs.
2190		As above.
2200	SHALE,	grey-brown, limy, grading to limestone, dark grey-brown, argillaceous, grading to grey, chalky, silty, argillaceous.
	SHALE,	10%, black, calcareous, micromicaceous.
2210		As above.
2220	SHALE,	grey-brown, limy, micromicaceous, trace fossiliferous.
2230	SHALE,	as above.
2240	SHALE,	grey-brown, micromicaceous, limy.
	DOLOMITE,	minor, brown, very finely crystalline, argillaceous, grading to limestone.
2250		As above.
2260	SHALE,	as above.
2270	SHALE,	as above, minor black shale, assumed cavings.
2280	SHALE,	grey-brown, micromicaceous, calcareous, trace pyritic, trace fossil fragments.
2290	SHALE,	as above.
	LIMESTONE,	trace, brown, fossil fragments.
2300 - 2360	SHALE,	brownish-grey, micromicaceous, calcareous, trace fossil fragments, trace pyritic.
	LIMESTONE,	trace, brown fossil fragments.

SAMPLE DESCRIPTIONS

2080	LIMESTONE, 25%, grey-brown, finely crystalline, finely fragmental, few spines, small rounded fossils (small ostracods?). LIMESTONE, 25%, dark grey, finely crystalline, argillaceous, fluorescent cut in chlorothene. LIMESTONE, 25%, light grey, with bituminous specs, chalky, very silty. SHALE, 25%, black, calcareous, bituminous, part with fluorescent cut in chlorothene. LIMESTONE, trace, brown, coarsely fragmental to white, coarsely crystalline.
2090	LIMESTONE, grey-brown, finely crystalline, finely fragmental to grey, chalky, silty, with bituminous inclusions. SHALE, 20%, black, bituminous, calcareous.
2100	SHALE, black, bituminous, calcareous, interbedded with limestone, grey, argillaceous, silty, to 30% of sample. LIMESTONE, 10%, brownish-grey, argillaceous, very finely crystalline.
2110	SHALE, black, bituminous, silty, calcareous. LIMESTONE, grey, silty, with bituminous specs, argillaceous. LIMESTONE, minor, brown, very finely crystalline.
2120	SHALE, as above. LIMESTONE, 20%, grey, as above.
2130	SHALE and LIMESTONE, as above. LIMESTONE, trace, light grey, finely fragmental.
2140	SHALE, black, calcareous, bituminous, silty. LIMESTONE, 30%, grey, silty, argillaceous, with bituminous specs, minor, grading to brown, finely crystalline, argillaceous.
2150	SHALE, black, micromicaceous, to dark grey-brown, calcareous, grading to limestone, grey-brown, finely crystalline, trace fossiliferous. LIMESTONE, 10%, light grey, chalky, silty, with bituminous specs.

2370 - 2400	SHALE,	grey, micromicaceous, calcareous, part finely bedded, trace with carbonaceous specs, trace microfossils.
2410	SHALE,	as above, with minor limestone fossil fragments.
2420	SHALE,	calcareous, grey to grey-brown with calcite crystals.
	LIMESTONE,	minor, grey, chalky, argillaceous.
2430		As above.
2440 - 2460	SHALE,	as above.
2470	SHALE,	as above.
	LIMESTONE,	minor, grey, chalky to brown, finely crystalline, argillaceous.
2480 - 2510	SHALE,	as above.
2520	SHALE,	as above.
	SHALE,	20%, black, calcareous.
2530	SHALE,	black to dark grey, calcareous, micromicaceous.
	PYRITE.	
2540	SHALE,	black, carbonaceous to dark grey, calcareous, micromicaceous.
	PYRITE.	
	LIMESTONE,	trace, dark brown, fossil fragments and sandstone of limestone and carbon grains.
2550		As above.
2560	LIMESTONE,	grey to dark brown to black, chalky to finely crystalline, much slickensiden, argillaceous, grading to shale.
	SHALE,	dark grey, glossy, slightly calcareous, carbonaceous inclusions.
2570	LIMESTONE,	grey, chalky, argillaceous, to brown, very finely crystalline, to dark brown, very argillaceous.
	SHALE,	minor, dark brown.

2580 LIMESTONE, brown, grey-brown, very dark brown, very finely crystalline, grey, chalky, all argillaceous, grading to shale, part fossiliferous, trace pyritic, trace fossil cavities lined with calcite.
SHALE, 10%, grey to grey-brown, calcareous, minor black.

2590 LIMESTONE, grey, very finely crystalline, argillaceous, to brown, very finely crystalline, part fossiliferous, trace pyritic, 10% grey, chalky with scattered fossil fragments.
SHALE, 10%, grey to dark brown, calcareous.

2600 SHALE, grey, calcareous, grading to limestone, grey, very finely crystalline.
LIMESTONE, brown, very finely crystalline, argillaceous, to chalky, part fossiliferous, trace pyritic, trace small ostracods. Mostly lime mud, trace calcarinate.

2610 LIMESTONE, as above.
SHALE, as above.

2620 LIMESTONE, grey to brown, very fine grained to chalky, part very fossiliferous, trace pyritic, part argillaceous, trace black, bituminous.
SHALE, grey, calcareous, trace olive.

2630 LIMESTONE, grey to dark brown, lime mud, minor fossiliferous, part chalky, all argillaceous, grading to shale, trace with bituminous partings.

2640 LIMESTONE, very dark brown, bituminous, part fragmental, to brown, fossiliferous, to minor grey, chalky, with ostracods, slightly argillaceous.

2650 LIMESTONE, grey, chalky to brown, fossiliferous, to very dark brown, bituminous, argillaceous, part fragmental, trace pyritic.

2660 LIMESTONE, brown, very fine grained, to grey chalky to very dark brown, bituminous, part fossiliferous, trace pyritic, trace stylolites.

2670	LIMESTONE, brown, very finely crystalline, with some fracture faces covered with calcite, scattered fossil fragments, minor grading to grey chalky, all slightly argillaceous. SHALE, minor, black, calcareous, bituminous.
2680	LIMESTONE, as above, part very dark brown, bituminous. SHALE, minor, as above.
2690	LIMESTONE, brown, fragmental, very finely crystalline, to grey-brown, chalky, fossiliferous, argillaceous, minor dark brown, bituminous, minor bituminous partings. SHALE, trace, black, platey.
2700	LIMESTONE, brown, very finely crystalline, part fragmental to grey-chalky, fossiliferous, minor dark brown, bituminous, fragmental, trace pyritic. SHALE, trace, black, fissile.
2710	As above.
2720	LIMESTONE, as above. LIMESTONE, trace, vuggy, drusy calcite crystals, bitumen stain, trace with oil stain, trace fossil (coral?) porosity.
2730	LIMESTONE, as above.
2740	LIMESTONE, brown, very finely crystalline, part fragmental-granular, with bituminous partings, part dark brown, bituminous, part grading to grey chalky, trace, tan coarsely crystalline with intercrystalline porosity, minor earthy, appears oil stained, but has no cut or fluorescence.
2750	LIMESTONE, brown, very finely crystalline to coarsely crystalline, part fragmental and fossiliferous, part earthy, part chalky and grey, much bituminous partings and inclusions.
2760	LIMESTONE, as above, with some ostracods.

2770	LIMESTONE,	brown, fine to coarsely crystalline, dense to earthy to fragmental, minor chalky, argillaceous, part bituminous, bituminous partings, ostracods.
2780	LIMESTONE,	dark brown, earthy to granular, fragmental, bituminous, argillaceous, fossiliferous, part grading to chalky-marly.
	SHALE,	trace, black, bituminous to dark grey.
2790	LIMESTONE,	grey chalky to brown to dark brown, finely crystalline to coarsely crystalline and granular, fossiliferous, part bituminous, trace pyritic.
	SHALE,	minor dark grey and black, bituminous.
2800	LIMESTONE,	as above, slightly dolomitic.
	SHALE,	minor, as above.
2810	LIMESTONE,	grey to tan, chalky to earthy, brown to dark brown, finely granular, fossiliferous, part bituminous, bituminous partings, minor brown, very finely crystalline, slightly dolomitic.
	SHALE,	minor, dark grey and black, bituminous.
2820	LIMESTONE,	as above.
	SHALE,	as above:
	LIMESTONE,	minor, light grey, chalky matrix with fine to medium grain size, grey pellets grading to grey, pelletoid limestone with chalky cement, trace pyritic.
2830	LIMESTONE,	grey-brown, argillaceous, dolomitic, part pyritic, very finely crystalline to finely crystalline, part earthy textured, part fragmental, minor grey chalky, scattered bituminous shaly partings.
	SHALE,	trace, as above.
2840	LIMESTONE,	brown, dolomitic, very finely crystalline, part argillaceous, part fossiliferous, minor grey, pelletoid, minor grey chalky, part with shaly bituminous partings.
	SHALE,	10%, grey, part calcareous, to black, bituminous.

2850	LIMESTONE,	as above, more argillaceous.
	SHALE,	20%, dark grey, micromicaceous, part slightly calcareous, to minor black, bituminous.
2860	LIMESTONE,	as above.
	LIMESTONE,	10%, grey, lithographic, argillaceous, slightly pyritic.
	SHALE,	30%, as above.
2870	LIMESTONE,	dark grey to dark brown, lithographic to dark brown, finely crystalline, fragmental, to brown earthy to grey chalky, all argillaceous.
	SHALE,	10%, grey, calcareous.
2880	LIMESTONE,	dark grey, very finely crystalline, near lithographic to grey-brown fragmental (lime sand), part chalky, part pyritic, all argillaceous.
	SHALE,	20%, grey, micromicaceous, limy.
2890	LIMESTONE,	dark grey to grey-brown, very finely crystalline, argillaceous to brown, fragmental to grey and buff, chalky.
2900	LIMESTONE,	as above.
	DOLOMITE,	10%, brown, microcrystalline, oil stained with poor intercrystalline and scattered good pinpoint porosity.
2910	DOLOMITE,	60%, brown, microcrystalline to coarsely crystalline, oil stained, part with intercrystalline and pinpoint porosity.
	LIMESTONE,	40%, brown to grey-brown, fragmental, to grey-chalky, to dark brown, very finely crystalline, lithographic, part fossiliferous.
2920	DOLOMITE,	80%, brown, microcrystalline, oil stained, intercrystalline and pinpoint porosity.
	LIMESTONE,	20%, dark brown, very finely crystalline, to grey chalky.
	SHALE,	minor, grey.
2930	DOLOMITE,	as above, with some calcite crystals indicating vuggy porosity.
	LIMESTONE,	10%, dark brown, very finely crystalline, lithographic to brown, fragmental.
	SHALE,	minor grey.

2940	DOLOMITE,	60%, as above.
	SHALE,	20%.
	LIMESTONE,	20%.
2950	DOLOMITE,	as above.
	SHALE,	10%, grey, splintery.
	LIMESTONE,	minor, brown, earthy texture, marly.
2960	DOLOMITE,	as above.
	SHALE,	10%, as above.
	LIMESTONE,	10%, earthy to dense fossil fragments.
2970	DOLOMITE,	brown, coarsely crystalline to micro-crystalline, with intercrystalline and pinpoint porosity.
	LIMESTONE,	30%, tan, finely crystalline, to light grey chalky, to minor, brown, fragmental.
	SHALE,	20%, grey, slightly calcareous.
2980	DOLOMITE,	brown, microcrystalline, porous and oil stained, to finely crystalline, finely fragmental, and tight.
	LIMESTONE,	20%, brown to grey-brown, very finely crystalline, lithographic to finely crystalline.
	SHALE,	minor grey, splintery.
2990 - 3050	DOLOMITE,	brown to dark grey-brown, microcrystalline to finely crystalline, part with poor intercrystalline porosity and oil stain, part tight, porosity and oil stain decreasing downward, argillaceous with argillaceous content increasing downward.
	DOLOMITE,	minor, grey, lithographic, part grading to limestone.
	CALCITE,	white, part sealing fractures.
3060 - 3090	DOLOMITE,	dark grey-brown to brown, coarsely crystalline to very finely crystalline, part with intercrystalline porosity, part with bitumen stain, part oil stained, argillaceous, with calcite-filled fractures, trace pyritic.
	SHALE,	minor. grey-green, to grey, part with bands of very small pyrite crystals. Shale increasing downward.

3100	DOLOMITE,	as above.
	SHALE,	20%, as above.
3110	DOLOMITE,	grey-brown, finely crystalline, earthy, finely fragmental to very finely crystalline, lithographic, minor part limy, minor part with chalky textured anhydrite.
	ANHYDRITE,	minor, white, chalky to finely crystalline.
	SHALE,	10%, as above.
3120	DOLOMITE,	grey, anhydritic, to grey-brown, very finely crystalline, slightly argillaceous.
	ANHYDRITE,	10%, grey, chalky to dense, very finely crystalline.
	SHALE,	20%, grey, part grey-green, trace pyritic.
3130	DOLOMITE,	as above.
	ANHYDRITE,	15%, as above.
	SHALE,	15%, as above.
	SHALE,	minor, dark grey, platey.
3140 - 3160	DOLOMITE,	grey, anhydritic, grading to and bedded with anhydrite, white, chalky to grey, very finely crystalline.
	DOLOMITE,	brown, very finely crystalline, slightly anhydritic, slightly argillaceous, part lithographic, part fragmental.
	ANHYDRITE,	white chalky to grey, very finely crystalline.
	SHALE,	minor, greenish grey, part pyritic.
	SHALE,	partings, trace, black, bituminous.
3180		As above, with less anhydrite, more brown dolomite.
3190		As above, with Dolomite, minor, brown, microcrystalline, pinpoint porosity, oil stained.
3200	DOLOMITE,	as above.
	ANHYDRITE,	buff, very finely crystalline to grey, chalky.
	SHALE,	minor, greenish-grey, pyritic.
	SHALE,	trace, black.
3210		As above.

3220	DOLOMITE,	tan, very finely crystalline, anhydritic to brown, coarsely crystalline, part with intercrystalline porosity, poor oil stain, part anhydritic and tight.
	DOLOMITE,	grey, finely crystalline, fragmental, part bituminous, trace pyritic.
	ANHYDRITE,	grey, chalky, to buff, very finely crystalline.
	SHALE,	minor, greenish-grey, pyritic.
3230	DOLOMITE,	grey to brown, fine to coarsely crystalline, granular, stylolitic, minor part porous, with bitumen stain and oil stain, part anhydritic with grey chalky to brown crystalline anhydrite.
	ANHYDRITE,	as above.
	DOLOMITE,	minor, greenish grey, pyritic, anhydritic, argillaceous.
3240	DOLOMITE,	anhydritic, tan, very finely crystalline, lithographic, to brown, coarsely crystalline, fragmental, part porous, oil stained, bitumen stained, part with bituminous partings, part grading to anhydrite, grey chalky to buff, very finely crystalline.
	SHALE,	trace, greenish-grey, pyritic, dolomitic.
3250	DOLOMITE,	dark brown, coarsely crystalline, granular, part fragmental, part porous and oil stained, part bitumen stained, minor bituminous partings, grading to tan, very finely crystalline, anhydritic, grading to anhydrite, buff, very finely crystalline, and grey, chalky to finely crystalline.
	SHALE,	trace, greenish-grey, pyritic.

DRILLSTEM TEST REPORT AND ANALYSIS

DST

LYNES UNITED SERVICES LTD.

TEST DATA						GENERAL INFORMATION			
Test No.	1	Lynes Test	1						
Formation	Bear Rock	T.D.	3250	Ft.		Company	TransPrairie Pipe Line		
Interval Tested	2880	Ft. to	2985	Ft.		Address			
Interval Tested	105 Ft.	Net Pay Tested		Ft.					
Type of Test	Blank Off Dual Conventional Straddle								
Cushion		Amount		Ft.		Well Name	TPPL Et Al Carcajou		
Started in Hole at	7:30 Hrs.	Tool Open at	12:35	Hrs.		Well Number	J-27		
Pre-Flow	8 Mins.	Initial Shut-in	60	Mins.		K.B. Elevation	195	Sub-Sea Elevation	180
2nd Flow	Mins.	Second Shut-in		Mins.		Area	Norman Wells	Province	N.W.T.
Final Flow	60 Mins.	Final Shut-in	60	Mins.		Company Rep.	Al Stack		
Remarks:						Tester	Lew Bitzer		
						Contractor	Jennings	Rig No.	1
Blow: Weak bubble to surface on preflow. Very little increase throughout preflow. Weak bubble to surface on final flow. Very little increase throughout final flow.						Ticket No.	8765	Date	February 24, 1974
						Service Reports To:	8 - above		

GAS BLOW MEASUREMENTS			
Measured with	No gas to surface.		
Time	Surface Choke	Reading Inches	Cubic Feet/Day

MUD AND HOLE DATA					
Mud Type	Gel Chem				
Weight	9.1	Viscosity	55	Water Loss	6.4
Filter Cake	2/32	Bottom Hole Temperature			
Drill Pipe Size	4½XH			Weight	16
Drill Collars	6½	I.D.	2½	Feet Run	411.41
Main Hole or Casing Size	8¾				
Rathole or Liner Size	9 5/8			No. of Feet	612
Bottom Hole Choke Size	1"				
Surface Choke Size					
Packer Rubber Size	7½				

REMARKS

Shut-in pressures suggest average permeability within the interval tested.

RECOVERY

TOTAL FLUID RECOVERED 450 Ft. Consisting of:

100	Ft. of	Drilling mud-salinity too low to read.
350	Ft. of	Brackish formation fluid
	Ft. of	-salinity 11,540 PPM
	Ft. of	

Test was/was not Reverse Circulated: was not

Oil Recovery A.P.I. Water Specific Gravity

Salinity

PRESSURE READINGS

	Inside ___ Outside X	Inside X Outside ___	Inside ___ Outside X	Inside ___ Outside ___
Recorder No.	8870	909	2835	
Capacity	4300	4000	5400	
Depth	2888	2893	3207	
NUMBER KEY:				
1 - INITIAL HYDROSTATIC	1358	1345	1411	
2 - PRE-FLOW	75	72		
3 - INITIAL SHUT-IN	1344	1340		
4a - 2nd INITIAL FLOW			Below	
4b - 2nd FINAL FLOW			Straddle	
4c - 2nd SHUT-IN				
5 - 3rd INITIAL FLOW	105	94		
6 - FINAL FLOW	237	233		
7 - FINAL SHUT-IN	1319	1314		
8 - FINAL HYDROSTATIC	1358	1345	1410	

Company: TransPrairie Pipe Line | Well Name and Description: TPPL Et Al Carcajou J-27 | Test No.: 1 | Date of Test: February 24, 1974

LYNES UNITED SERVICES LTD.

WELL NAME - TPPL ET AL CARAJOU

LOCATION: - J-27

DST NUMBER - 1

INTERVAL TESTED - 2880 TO 2985

RECORDER NO. - 8870

DEPTH - 2888

INITIAL SHUT IN PRESSURE

TIME(MIN) Φ	$\frac{T + \Phi}{\Phi}$	PSIG
0	0.0000	75
5	2.6000	1292
10	1.8000	1315
15	1.5333	1324
20	1.4000	1330
25	1.3200	1333
30	1.2667	1336
35	1.2286	1339
40	1.2000	1340
45	1.1778	1342
50	1.1600	1343
55	1.1455	1344
60	1.1333	1344

EXTRAPOLATION OF INITIAL SHUT-IN = 1352.22

LYNES UNITED SERVICES LTD.

WELL NAME - TPPL ET AL CARAJOU

LOCATION - J-27

DST NUMBER - 1

INTERVAL TESTED - 2880 TO 2985

RECORDER NO. - 8870

DEPTH - 2888

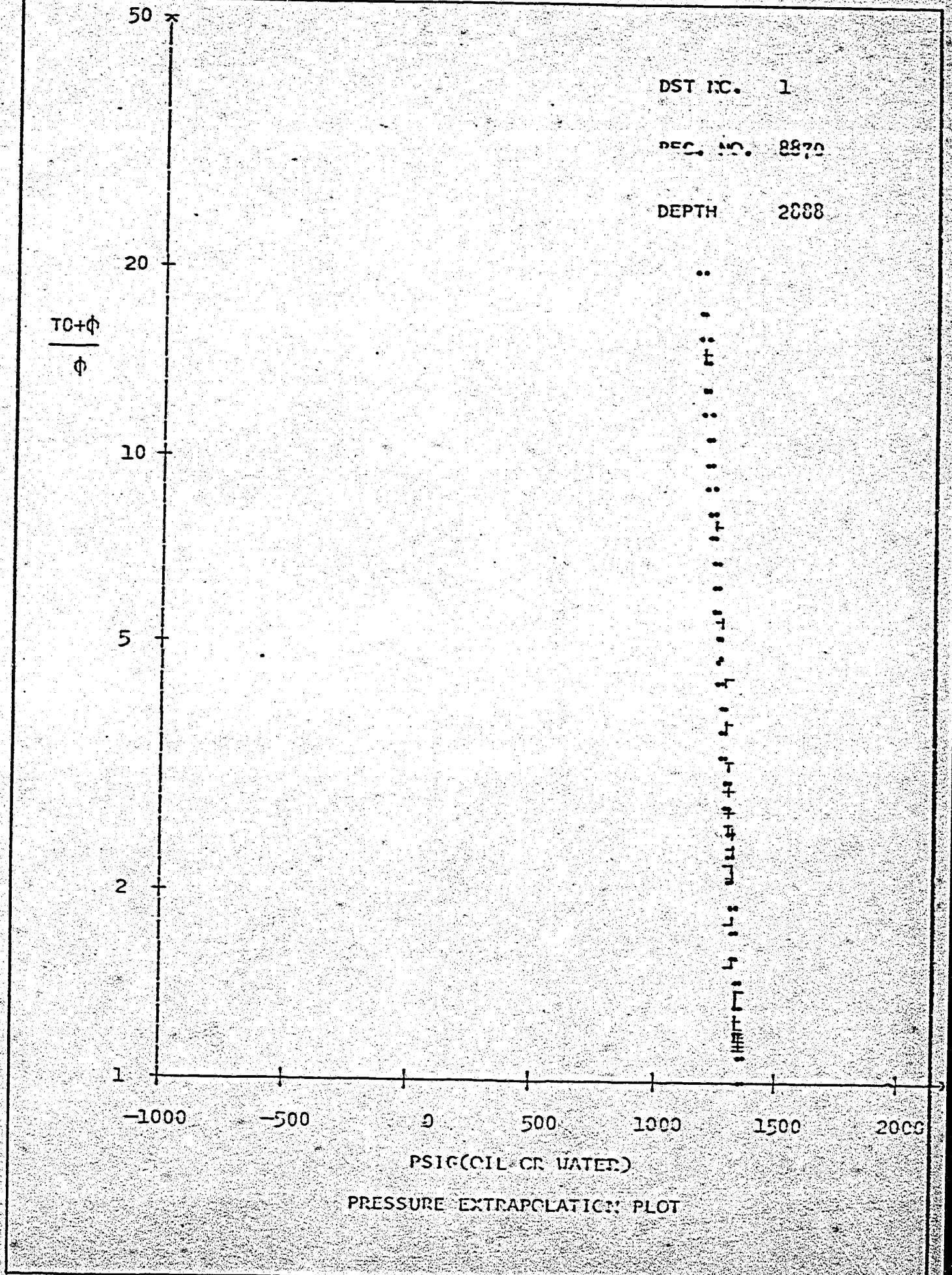
SECOND SHUT IN PRESSURE

TIME(MIN) Φ	$\frac{T+\Phi}{\Phi}$	PSIG
0	0.0000	237
5	14.6000	1189
10	7.8000	1234
15	5.5333	1260
20	4.4000	1275
25	3.7200	1286
30	3.2667	1294
35	2.9429	1300
40	2.7000	1305
45	2.5111	1309
50	2.3600	1312
55	2.2364	1314
60	2.1333	1316

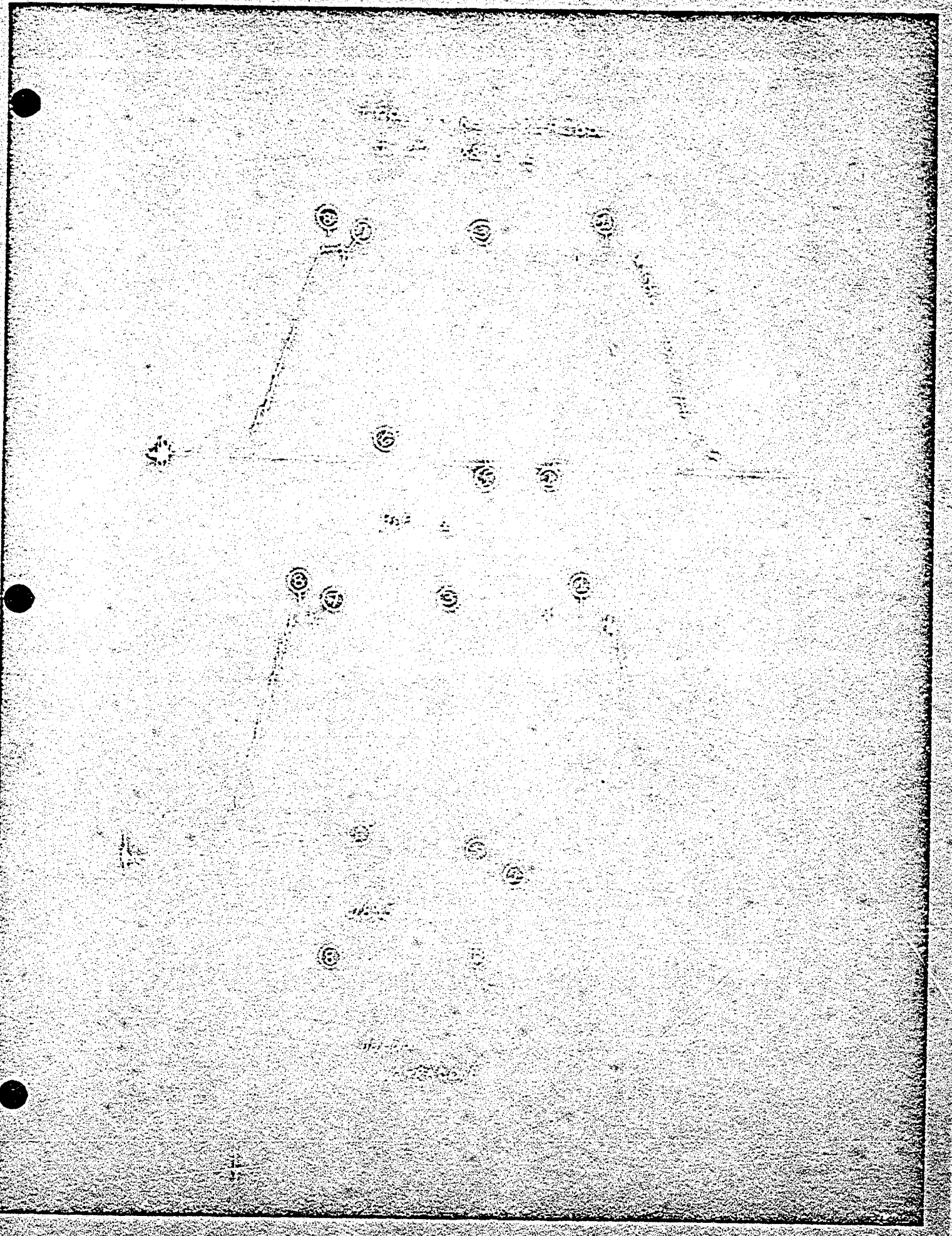
EQU. FITTED LINE IS LOG((T0+Φ)/Φ)= -0.00686 PSIG + 9.37403

EXTRAPOLATION OF SECOND SHUT-IN = 1366.99 M= 145.83

LYNES UNITED SERVICES LTD.



PRESSURE EXTRAPOLATION PLOT



OIL, GAS AND WATER ANALYSIS

CHEMICAL & GEOLOGICAL LABORATORIES LTD.

EDMONTON — FORT ST. JOHN — CALGARY

— WATER ANALYSIS —

CONTAINER IDENTITY:

LABORATORY NUMBER: C74-2198-3

OPERATOR NAME AND ADDRESS: TRANS-PRAIRIE PIPELINES LTD., 640 - 8th Avenue S.W., CALGARY

SAMPLE LOCATION: J27-65-40-128-30

WELL OR SAMPLE LOCATION NAME: TPPL etal Carcajoo J-27

ELEVATIONS: KB 195' GRD. 180'

FIELD OR AREA: Norman Wells

POOL OR ZONE: Bear Rock

NAME OF SAMPLER: Mr. Bitzer

COMPANY: Lynes United

TEST TYPE & NO.: D.S.T. 1

TEST RECOVERY: 450' 100' drilling mud. 350' brackish formation fluid.

TEST INTERVAL OR PERFS: 2880' - 2985'

POINT OF SAMPLE: Above Interval

AMT. & TYPE OF CUSHION:

MUD RESISTIVITY: @ °F

TYPE OF PRODUCTION: PUMPING | FLOWING | GAS LIFT | SWAB

PRODUCTION RATES: WATER BBLS/D | OIL BBLS/D | GAS MCF/D

PRESSURES - PSIG: SEPARATOR | TREATER | RESERVOIR | CONTAINER: WHEN SAMPLED | WHEN RECEIVED

TEMPERATURES (°F): SEPARATOR | TREATER | CONTAINER: WHEN SAMPLED | WHEN RECEIVED

DATE SAMPLED (D/M/Y): 24/2/74

DATE RECEIVED (D/M/Y): 6/3/74

DATE ANALYZED (D/M/Y): 15/3/74

ANALYST: B.Anderson

REMARKS:

ION	MG/L	MG%	MEQ/L
Na	5,685	30.96	247.29
K			
Ca	610	3.32	30.45
Mg	112	0.61	9.23
Ba			
Sr			
Fe	Trace		

ION	MG/L	MG%	MEQ/L
Cl	5,500	29.95	155.10
Br			
I			
HCO_3	556	3.03	9.13
SO_4	5,901	32.13	122.74
CO_3	Nil		
OH	Nil		
H_2S	Nil		

TOTAL SOLIDS Mg/L

BY EVAPORATION @ 110°C: 18996

BY EVAPORATION @ 180°:

AT IGNITION: 16,984

CALCULATED: 18,364

Organic Matter: Much

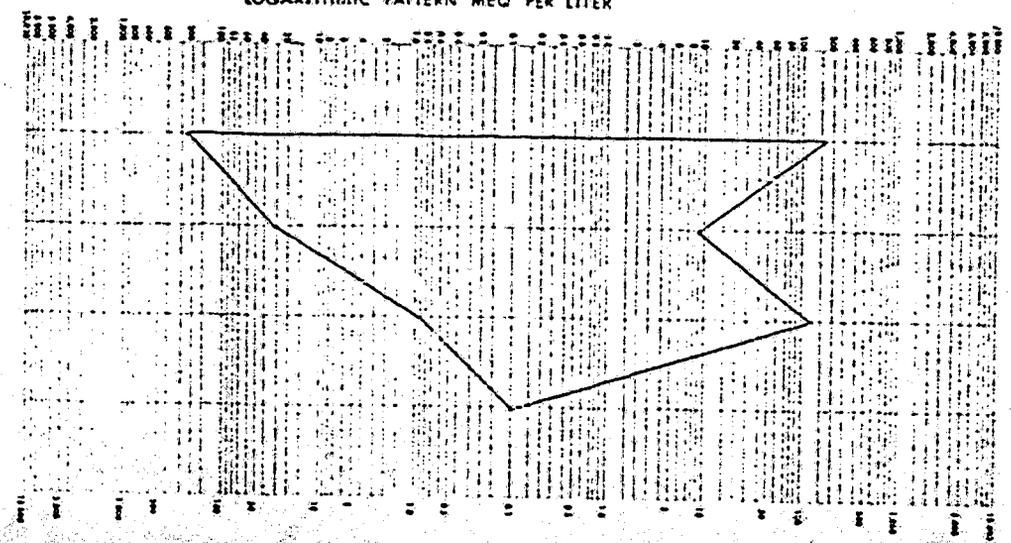
SPECIFIC GRAVITY: 1.016 @ 60°F

REFRACTIVE INDEX: 1.3361 @ 25°C

OBSERVED PH: 7.8 @ 78 °F

RESISTIVITY (Ohm/meters): 0.374 @ 25°C

LOGARITHMIC PATTERN MEQ PER LITER



Remarks and Conclusions

Analysis determined on a pale amber colored filtrate recovered from the sample containing approximately 60% sediment.

CHEMICAL & GEOLOGICAL LABORATORIES LTD.

Date Reported: March 15, 1974 Laboratory Report No.: C74-2198

TRANS-PRAIRIE PIPELINES LTD.

Well: TPPL etal Carcajoc J-27 Location: J27-65-40-128-30

C74-2198-1 450' above interval

RESISTIVITY: 0.429 ohm meters at 25°C.

Resistivity determined on an amber colored filtrate recovered from the sample containing approximately 60% sediment and a trace of hydrocarbons.

C74-2198-2 225' above interval

RESISTIVITY: 0.414 ohm meters at 25°C.

Resistivity determined on an amber colored filtrate recovered from the mud sample.

DAILY DRILLING REPORT

REPORT NO. 27 DATE Feb 27/1974

OPERATOR	LEASE	WELL NO.	FIELD OR DIST.	COUNTY	STATE
TRANS PRAIRIE LINES	T.P.P.L. ETAL-CARCAJOU J-27	J-27	CARCAJOU		

CONTRACTOR: Jennings International Drilling, Division of Pancana Industries Ltd. RIG NO. ONE

DRILL PIPE STRING NO. / SIZE: TOOL JOINT O.D. TYPE THD. X H

SIGNATURE OF OPERATOR'S REPRESENTATIVE: A Stack

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: Con Galbraith

PUMPS

NO.	MANUFACTURER	TYPE	STROKE LENGTH
1	EMSCO	D700	16
2	EMSCO	D500	16
3			

LAST CASING TUBING OR LINER

SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. TO CSG. HD.	SET AT	REMARKS
9 5/8	113 SON	36/45	15	615		612	

TIME DISTRIBUTION—HOURS

	MORN	DAY	EVE
RIG UP & TEAR DOWN			
DRILLING ACTUAL			
REAMING			
CONDITIONING MUD & CIRCULATING			
TRIPS			
LUBRICATE RIG			
DEVIATION SURVEY			
TEST B.O.P.			
CUT OFF DRILLING LINE			
REPAIR RIG			
CORING			
WIRE LINE LOGGING			
RUNNING CASING & CEMENTING			
WAITING ON CEMENT			
DRILL STEM TEST			
OTHER			
FISHING			
COMPLETION WORK A. PERFORATING			
B. TUBING TRIPS			
C. SWABBING			
D. TESTING			
E. ADDITIONAL			
TOTALS			

TIME SUMMARY (OFFICE USE ONLY)

DAY WORK			
HRS. W/DP			
HRS. WO/DP			
HRS. STANDBY			
TOTAL DAY WORK			

WIRE LINE RECORD

REEL NO.

NO. OF LINES SIZE

FEET SLIPPED

FEET CUT OFF

PRESENT LENGTH

TON MI. OR TRIPS SINCE LAST CUT

CUMULATIVE TON MI. OR TRIPS

NO. OF DAYS FROM SPUD

CUMULATIVE ROTATING HRS.

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.		
STANDS D.P.		FT.
SINGLES D.P.		FT.
D.C. I.D. O.D.		FT.
D.C. I.D. O.D.		FT.
STB. BODY O.D.		FT.
STB. BODY O.D.		FT.
RMR. BODY O.D.		FT.
SUBS O.D.		FT.
BIT OR C.B.		FT.
		FT.
KELLY DOWN		FT.
TOTAL		FT.
WT. OF STRING		LBS.

BIT RECORD

BIT NO.		
SIZE		
MFG.		
TYPE		
NOZZLE NO.		
NOZZLE SIZE		
SER. NO.		
DEPTH OUT		
DEPTH IN		
TOTAL FTG.		
TOTAL HR. RUN		
COND. OF BIT		
REAMER NO.		
REAMER TYPE		

MUD RECORD

TIME			
WEIGHT			
VISC.-SEC			
W.L.-C.C.			
FLTR. CK.			
PH			
SD. CONT. %			
PRESSURE GRADIENT			

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.

DRILLER Louis Zak

FOOTAGE

FROM	TO	DR.D RM.R CORE..C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	METHOD RUN SGL.-S PAR'EL-P COM'D-C

DEVIATION RECORD	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION

TIME LOG

FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
1200	1215	1/4	Rig SERVICE
1215	215	2	CLEAN UP BOPS & MATTING
215	900	5 3/4	CLEAN TANKS & LAY DOWN BOPS

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.		
STANDS D.P.		FT.
SINGLES D.P.		FT.
D.C. I.D. O.D.		FT.
D.C. I.D. O.D.		FT.
STB. BODY O.D.		FT.
STB. BODY O.D.		FT.
RMR. BODY O.D.		FT.
SUBS O.D.		FT.
BIT OR C.B.		FT.
		FT.
KELLY DOWN		FT.
TOTAL		FT.
WT. OF STRING		LBS.

BIT RECORD

BIT NO.		
SIZE		
MFG.		
TYPE		
NOZZLE NO.		
NOZZLE SIZE		
SER. NO.		
DEPTH OUT		
DEPTH IN		
TOTAL FTG.		
TOTAL HR. RUN		
COND. OF BIT		
REAMER NO.		
REAMER TYPE		

MUD RECORD

TIME			
WEIGHT			
VISC.-SEC			
W.L.-C.C.			
FLTR. CK.			
PH			
SD. CONT. %			
PRESSURE GRADIENT			

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.

DRILLER R. Lester

FOOTAGE

FROM	TO	DR.D RM.R CORE..C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	METHOD RUN SGL.-S PAR'EL-P COM'D-C

DEVIATION RECORD	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION

TIME LOG

FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
900	915	1/4	Rig SERVICE
915	1200	2 3/4	CLEAN MATTING AND AROUND Rig SHELTER
1200	300	3	TAKE PREFABS DOWN CUT CASING. SAY CEMENT
300	400	1	TAKE Rig SHELTER DOWN WELD ON PLATE & I.D.
			Rig RELEASED 400 p.m. FEB 27/74

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.		
STANDS D.P.		FT.
SINGLES D.P.		FT.
D.C. I.D. O.D.		FT.
D.C. I.D. O.D.		FT.
STB. BODY O.D.		FT.
STB. BODY O.D.		FT.
RMR. BODY O.D.		FT.
SUBS O.D.		FT.
BIT OR C.B.		FT.
		FT.
KELLY DOWN		FT.
TOTAL		FT.
WT. OF STRING		LBS.

BIT RECORD

BIT NO.		
SIZE		
MFG.		
TYPE		
NOZZLE NO.		
NOZZLE SIZE		
SER. NO.		
DEPTH OUT		
DEPTH IN		
TOTAL FTG.		
TOTAL HR. RUN		
COND. OF BIT		
REAMER NO.		
REAMER TYPE		

MUD RECORD

TIME			
WEIGHT			
VISC.-SEC			
W.L.-C.C.			
FLTR. CK			
PH			
SD. CONT. %			
PRESSURE GRADIENT			

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.

DRILLER

FOOTAGE

FROM	TO	DR.D RM.R CORE..C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	METHOD RUN SGL.-S PAR'EL-P COM'D-C

DEVIATION RECORD	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION

TIME LOG

FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
400	1200	8	TEAR OUT WATER & STEAM LINES

APPROVED APPROVED

A.A.O.D.C.--A.P.I. OFFICIAL DAILY DRILLING REPORT FORM

DAILY DRILLING REPORT — REPORT NO. 26 — DATE Feb 26/1024

OPERATOR	LEASE	WELL NO.	FIELD OR DIST.	COUNTY	STATE
TRANS PRAIRIE PIPE LINES	T.P.P.L. ETAL - CARLTON J-27	J-27	CARLTON		

CONTRACTOR	RIG NO.	SIGNATURE OF OPERATOR'S REPRESENTATIVE	SIGNATURE OF CONTRACTOR'S TOOL PUSHER
Jennings International Drilling Division of Pancana Industries Ltd.	ONF		

DRILL PIPE STRING NO.	DRILL PIPE STRING SIZE	TOOL JOINT O.D.	TYPE THD.
			X H

PUMPS

NO.	MANUFACTURER	TYPE	STROKE LENGTH
1	EMSCO	D700	16
2	EMSCO	D500	10
3			

LAST CASING TUBING OR LINER

SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. TO CSG. HD.	SET AT	REMARKS
9 5/8	IRSCO	36/J55	15	615		612	

TIME DISTRIBUTION—HOURS	MORN	DAY	EVE
RIG UP & TEAR DOWN			
DRILLING ACTUAL			
REAMING			
CONDITIONING MUD & CIRCULATING		½	
TRIPS		2	
LUBRICATE RIG		¼	¼
DEVIATION SURVEY			
TEST B.O.P.			
CUT OFF DRILLING LINE			
REPAIR RIG			
CORING			
WIRE LINE LOGGING			
RUNNING CASING & CEMENTING		1	
WAITING ON CEMENT		4¼	
DRILL STEM TEST			
OTHER			
FISHING			
COMPLETION WORK: A. PERFORATING			
B. TUBING TRIPS			
C. SWABBING			
D. TESTING			
E. ADDITIONAL			
TOTALS		8	8

TIME SUMMARY (OFFICE USE ONLY)

DAY WORK			
HRS. W/DP			
HRS. WO/DP			
HRS. STANDBY			
TOTAL DAY WORK			

WIRE LINE RECORD

REEL NO.	
NO. OF LINES 8	SIZE 1/8
FEET SLIPPED	
FEET CUT OFF	
PRESENT LENGTH	
TON MI. OR TRIPS SINCE LAST CUT	
CUMULATIVE TON MI. OR TRIPS	
NO. OF DAYS FROM SPUD	
CUMULATIVE ROTATING HRS.	

MORNING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD	
	STANDS D.P.	FT.	BIT NO.		TIME	5:00
	SINGLES D.P.	FT.	SIZE		WEIGHT	9.2
	D.C. I.D. O.D.	FT.	MFG.		VISC.-SEC	50
	D.C. I.D. O.D.	FT.	TYPE		W.L.-C.C.	
	STB. BODY O.D.	FT.	NOZZLE NO.		FLTR. CK.	
	STB. BODY O.D.	FT.	NOZZLE SIZE		PH	
	RMR. BODY O.D.	FT.	SER. NO.		SD. CONT. %	
	SUBS O.D.	FT.	DEPTH OUT		PRESSURE GRADIENT	
	BIT OR C.B.	FT.	DEPTH IN			
		FT.	TOTAL FTG.		MUD & CHEMICALS ADDED	
	KELLY DOWN	FT.	TOTAL HR. RUN		TYPE / AMT. / TYPE / AMT.	
	TOTAL	FT.	COND. OF BIT		~~RETEX~~	
WT. OF STRING		LBS.	REAMER NO.		PELTEX 100 lb	
			REAMER TYPE		DRILLER Lonnegak	

FOOTAGE FROM	TO	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	METHOD RUN SCL-S PAR'EL-P COM'D-C
3250				Fuel 5'4"								

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
1200	1215	¼	Rig SERVICE
1215	115	1	Warm up Halliburton Unit
115	200	¾	Run Plug #1 3150-3250 44 SAX Cont. d.s. 4/44 Am
200	215	¼	Pull to 3000 ft. Plug in at 200 Am
215	245	½	CiR
245	315	½	Run Plug #2 1325 ± Cont. 2700-3000 Plug in at 315 Am. d.s. 37 sx cl
315	345	½	Pull 10 Stds. 2% CAL. C.
345	800	4¼	CiR. W.O.C

DAY TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD	
7	STANDS D.P.	6536 FT.	BIT NO.		TIME	
	SINGLES D.P.	FT.	SIZE		WEIGHT	
	D.C. I.D. O.D.	FT.	MFG.		VISC.-SEC	
	D.C. I.D. O.D.	FT.	TYPE		W.L.-C.C.	
	STB. BODY O.D.	FT.	NOZZLE NO.		FLTR. CK.	
	STB. BODY O.D.	FT.	NOZZLE SIZE		PH	
	RMR. BODY O.D.	FT.	SER. NO.		SD. CONT. %	
	SUBS O.D.	FT.	DEPTH OUT		PRESSURE GRADIENT	
	BIT OR C.B.	FT.	DEPTH IN			
		FT.	TOTAL FTG.		MUD & CHEMICALS ADDED	
	KELLY DOWN	FT.	TOTAL HR. RUN		TYPE / AMT. / TYPE / AMT.	
	TOTAL	FT.	COND. OF BIT			
WT. OF STRING		LBS.	REAMER NO.			
			REAMER TYPE		DRILLER R Lestyn	

FOOTAGE FROM	TO	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	METHOD RUN SCL-S PAR'EL-P COM'D-C

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
800	815	¼	RIG SERV + CHECK BOPs
815	1115	3	WOC
1115	1145	½	FELT Plug #2 at 2705
1145	130	1¾	LAY DOWN PIPE
130	200	½	CiR. 2% CAL.
200	230	½	Run Plug #3 550-650- 64 SAX Cont. INAT 2:30
230	245	¼	PULL 7 STANDS out of Hole
245	400	1¼	WOC

EVENING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD	
	STANDS D.P.	FT.	BIT NO.		TIME	
	SINGLES D.P.	FT.	SIZE		WEIGHT	
	D.C. I.D. O.D.	FT.	MFG.		VISC.-SEC	
	D.C. I.D. O.D.	FT.	TYPE		W.L.-C.C.	
	STB. BODY O.D.	FT.	NOZZLE NO.		FLTR. CK	
	STB. BODY O.D.	FT.	NOZZLE SIZE		PH	
	RMR. BODY O.D.	FT.	SER. NO.		SD. CONT. %	
	SUBS O.D.	FT.	DEPTH OUT		PRESSURE GRADIENT	
	BIT OR C.B.	FT.	DEPTH IN			
		FT.	TOTAL FTG.		MUD & CHEMICALS ADDED	
	KELLY DOWN	FT.	TOTAL HR. RUN		TYPE / AMT. / TYPE / AMT.	
	TOTAL	FT.	COND. OF BIT			
WT. OF STRING		LBS.	REAMER NO.			
			REAMER TYPE		DRILLER	

FOOTAGE FROM	TO	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	METHOD RUN SCL-S PAR'EL-P COM'D-C

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
400	415	¼	RIG SERVICE
415	1530	11¼	WOC LAY DOWN FELT
1530	1045	¼	RUN IN TO FELT Plug 3 # 4557
1045	1200	1¼	LAY DOWN PIPE

APPROVED — APPROVED

A.A.O.D.C.--A.P.I. OFFICIAL DAILY DRILLING REPORT FORM

DAILY DRILLING REPORT — REPORT NO. 25 — DATE Feb 25/1974

OPERATOR	LEASE	WELL NO.	FIELD OR DIST.	COUNTY	STATE
TRANS PRAIRIE PIPE LINE	T.P.P.L. ETAL - CARCAJOU	J-27			

CONTRACTOR: Jennings International Drilling, Division of Pancana Industries Ltd. — RIG NO.: ONE

DRILL PIPE STRING: NO. — SIZE: 4½ — TYPE THD.: XH — TOOL JOINT O.D.

SIGNATURE OF OPERATOR'S REPRESENTATIVE: A Stack

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: Chas Elliott

PUMPS

NO.	MANUFACTURER	TYPE	STROKE LENGTH
1	EMSCO	D700	16
2	EMSCO	D500	10
3			

LAST CASING TUBING OR LINER

SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. TO CSG. HD.	SET AT	REMARKS
9⅝	IRSON	36/45	15	615		612	700 SKS CEMENT 3% CACL

TIME DISTRIBUTION—HOURS

	MORN	DAY	EVE
RIG UP & TEAR DOWN			
DRILLING ACTUAL			
REAMING			
CONDITIONING MUD & CIRCULATING			
TRIPS	1¾	3¾	3
LUBRICATE RIG	¼	¼	¼
DEVIATION SURVEY			
TEST B.O.P.			
CUT OFF DRILLING LINE			
REPAIR RIG			
CORING			
WIRE LINE LOGGING			
RUNNING CASING & CEMENTING			
WAITING ON CEMENTERS	6	7¾	
DRILL STEM TEST			
OTHER			
FISHING			
COMPLETION WORK: A. PERFORATING			
B. TUBING TRIPS			
C. SWABBING			
D. TESTING			
E. ADDITIONAL			
TOTALS	8	8	8

TIME SUMMARY (OFFICE USE ONLY)

DAY WORK			
HRS. W/DP			
HRS. WO/DP			
HRS. STANDBY			
TOTAL DAY WORK			

WIRE LINE RECORD

REEL NO.	
NO. OF LINES	SIZE
FEET SLIPPED	
FEET CUT OFF	
PRESENT LENGTH	
TON MI. OR TRIPS SINCE LAST CUT	
CUMULATIVE TON MI. OR TRIPS	
NO. OF DAYS FROM SPUD	
CUMULATIVE ROTATING HRS.	

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.		
35	STANDS D.P.	3240 34 FT.
	SINGLES D.P.	FT.
	D.C. I.D. O.D.	FT.
	D.C. I.D. O.D.	FT.
	STB. BODY O.D.	FT.
	STB. BODY O.D.	FT.
	RMR. BODY O.D.	FT.
	SUBS O.D.	FT.
	BIT OR C.B.	FT.
		FT.
	KELLY DOWN	9.64 FT.
	TOTAL	3250 FT.
WT. OF STRING	40.000	LBS.

BIT RECORD

BIT NO.		
SIZE		
MFG.	O	
TYPE	P	
NOZZLE NO.	E	
NOZZLE SIZE	N	
SER. NO.		
DEPTH OUT	E	
DEPTH IN	N	
TOTAL FTG.	D	
TOTAL HR. RUN		
COND. OF BIT		
REAMER NO.		
REAMER TYPE		

MUD RECORD

TIME	
WEIGHT	9.2
VISC.-SEC	50
W.L.-C.C.	6.4
FL.TR. CK.	
PH	8.2
SD. CONT. %	
PRESSURE GRADIENT	

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.

DRILLER: Lonnie Zell

FOOTAGE

FROM	TO	DR. D RM. R CORE C.	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	METHOD RUN SGL-S PAR'EL-P COMP'D-C
3250				Fuel 6'				5½	52			

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION

TIME LOG

FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12:00	12:15	¼	RIG SERV
12:15	2:00	1¾	RUN IN OPEN END PICK UP 14 SINGLES
2:00	8:00	6	CIRC W/O ORDERS

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.		
35	STANDS D.P.	3240 30 FT.
	SINGLES D.P.	FT.
	D.C. I.D. O.D.	FT.
	D.C. I.D. O.D.	FT.
	STB. BODY O.D.	FT.
	STB. BODY O.D.	FT.
	RMR. BODY O.D.	FT.
	SUBS O.D.	FT.
	BIT OR C.B.	FT.
		FT.
	KELLY DOWN	9.64 FT.
	TOTAL	3250 FT.
WT. OF STRING	40,000	LBS.

BIT RECORD

BIT NO.	
SIZE	
MFG.	
TYPE	
NOZZLE NO.	
NOZZLE SIZE	
SER. NO.	
DEPTH OUT	
DEPTH IN	
TOTAL FTG.	
TOTAL HR. RUN	
COND. OF BIT	
REAMER NO.	
REAMER TYPE	

MUD RECORD

TIME	
WEIGHT	
VISC.-SEC	
W.L.-C.C.	
FL.TR. CK.	
PH	
SD. CONT. %	
PRESSURE GRADIENT	

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.

DRILLER: R. Leslie

FOOTAGE

FROM	TO	DR. D RM. R CORE C.	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD RUN SGL-S PAR'EL-P COMP'D-C
3250								5½		5½		

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION

TIME LOG

FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8⁰⁰	8¹⁵	¼	RIG SERVICE & CHECK BOPS
8¹⁵	4⁰⁰	7¾	CIRC + W/O CEMENTERS

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.		
35	STANDS D.P.	3240 30 FT.
	SINGLES D.P.	FT.
	D.C. I.D. O.D.	FT.
	D.C. I.D. O.D.	FT.
	STB. BODY O.D.	FT.
	STB. BODY O.D.	FT.
	RMR. BODY O.D.	FT.
	SUBS O.D.	FT.
	BIT OR C.B.	FT.
		FT.
	KELLY DOWN	9.64 FT.
	TOTAL	3250 FT.
WT. OF STRING	40.000	LBS.

BIT RECORD

BIT NO.	
SIZE	
MFG.	
TYPE	
NOZZLE NO.	
NOZZLE SIZE	
SER. NO.	
DEPTH OUT	
DEPTH IN	
TOTAL FTG.	
TOTAL HR. RUN	
COND. OF BIT	
REAMER NO.	
REAMER TYPE	

MUD RECORD

TIME	
WEIGHT	
VISC.-SEC	
W.L.-C.C.	
FL.TR. CK	
PH	
SD. CONT. %	
PRESSURE GRADIENT	

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.

DRILLER:

FOOTAGE

FROM	TO	DR. D RM. R CORE C.	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	METHOD RUN SGL-S PAR'EL-P COMP'D-C
3250												

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION

TIME LOG

FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4⁰⁰	4¹⁵	¼	RIG SERVICE
4¹⁵	8:00	3¾	W/O CEMENTERS
8:00	12:00	4	RIG UP CEMENTING UNIT

APPROVED — APPROVED

A.A.O.D.C.—A.P.I. OFFICIAL DAILY DRILLING REPORT FORM

DAILY DRILLING REPORT

REPORT NO. 24 DATE Feb 24/1974

OPERATOR	LEASE	WELL NO.	FIELD OR DIST.	COUNTY	STATE
TRANS PRAIRIE PIPE LINE	T.P.P.L. ET AL - CARCAJOU	J-27	CARCAJOU	NWT	

CONTRACTOR: Jennings International Drilling, Division of Pancana Industries Ltd. — RIG NO. ONE

DRILL PIPE STRING NO. — SIZE 4½ — TOOL JOINT O.D. — TYPE THD. X H

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: CAM. Gbrott

PUMPS

NO.	MANUFACTURER	TYPE	STROKE LENGTH
1.	EMSCO	D700	16
2.	EMSCO	D500	16
3.			

LAST CASING TUBING OR LINER

SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. TO CSG. HD.	SET AT	REMARKS
9⅝	IDSON	36/H-40	15	615		612	700 SKS CEMENT 3% CACL

TIME DISTRIBUTION—HOURS

	MORN	DAY	EVE
RIG UP & TEAR DOWN			
DRILLING ACTUAL			
REAMING			
CONDITIONING MUD & CIRCULATING			
TRIPS			
LUBRICATE RIG			
DEVIATION SURVEY			
TEST B.O.P.			
CUT OFF DRILLING LINE			
REPAIR RIG			
CORING			
WIRE LINE LOGGING			
RUNNING CASING & CEMENTING			
WAITING ON CEMENT			
DRILL STEM TEST			
OTHER			
FISHING			
COMPLETION WORK: A. PERFORATING			
B. TUBING TRIPS			
C. SWABBING			
D. TESTING			
E. ADDITIONAL			
TOTALS			

TIME SUMMARY (OFFICE USE ONLY)

DAY WORK			
HRS. W/DP			
HRS. WO/DP			
HRS. STANDBY			
TOTAL DAY WORK			

WIRE LINE RECORD

REEL NO.	
NO. OF LINES	SIZE
FEET SLIPPED	
FEET CUT OFF	
PRESENT LENGTH	
TON MI. OR TRIPS SINCE LAST CUT	
CUMULATIVE TON MI. OR TRIPS	
NO. OF DAYS FROM SPUD	
CUMULATIVE ROTATING HRS.	

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.		
30	STANDS D.P.	288.23 FT.
1	SINGLES D.P.	FT.
14	D.C. 6¼ I.D. O.D.	411.41 FT.
	D.C. I.D. O.D.	FT.
	STB. BODY O.D.	FT.
	STB. BODY O.D.	FT.
	RMR. BODY O.D.	FT.
1	SUBS 6⅝ O.D.	2.16 FT.
	BIT OR C.B.	.75 FT.
1	BIT SUB	3.90 FT.
	KELLY DOWN	23.61 FT.
	TOTAL	3250 FT.
WT. OF STRING	80,000	LBS.

BIT RECORD

BIT NO.		
SIZE	8¾	
MFG.	HW	
TYPE	XDU	
NOZZLE NO.	OPEN	
NOZZLE SIZE		
SER. NO.		
DEPTH OUT		
DEPTH IN		
TOTAL FTG.		
TOTAL HR. RUN		
COND. OF BIT		
REAMER NO.		
REAMER TYPE		

MUD RECORD

TIME	2.30	4:00
WEIGHT	9.1	9.1
VISC.-SEC	55+	55
W.L.-C.C.	6.4	6.4
FLTR. CK.	2/32	2/32
PH	8.0	8.0
SD. CONT. %		
PRESSURE GRADIENT		

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.
GEL	1000 #		
BENEX	4#		

DRILLER: Louie Zak

FOOTAGE

FROM	TO	DR.-D RM.-R CORE.-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	METHOD RUN SGL.-S PAR'EL-P CON'D-C
3250				Fuel 6'8"								

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION

TIME LOG

FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12:00	12:15	¼	R.G SERV
12:15	5:30	5¼	CIRC CONDITION MUD W/o ORDERS
5:30	7.00	1½	TRIP OUT TO TEST
7:00	8:00	1	PICK UP TEST AND MAKE UP SAME

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

	STANDS D.P.	FT.
	SINGLES D.P.	FT.
	D.C. I.D. O.D.	FT.
	D.C. I.D. O.D.	FT.
	STB. BODY O.D.	FT.
	STB. BODY O.D.	FT.
	RMR. BODY O.D.	FT.
	SUBS O.D.	FT.
	BIT OR C.B.	FT.
		FT.
	KELLY DOWN	FT.
	TOTAL	FT.
WT. OF STRING		LBS.

BIT RECORD

BIT NO.	
SIZE	
MFG.	
TYPE	
NOZZLE NO.	
NOZZLE SIZE	
SER. NO.	
DEPTH OUT	
DEPTH IN	
TOTAL FTG.	
TOTAL HR. RUN	
COND. OF BIT	
REAMER NO.	
REAMER TYPE	

MUD RECORD

TIME		
WEIGHT		
VISC.-SEC		
W.L.-C.C.		
FLTR. CK.		
PH		
SD. CONT. %		
PRESSURE GRADIENT		

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.

DRILLER: R. Keates

FOOTAGE

FROM	TO	DR.-D RM.-R CORE.-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	METHOD RUN SGL.-S PAR'EL-P CON'D-C
3250				TEST INTERVAL 9880 — 9985 BEAR ROCK FORMATION								

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION

TIME LOG

FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8.00	8.15	¼	RIG SERVICE + CHECK BOPS
8.15	10.00	1¾	FINISH MAKING UP TEST TOOL #1 DUAL STRADDLE
10.00	12.30	2½	RUN IN HOLE
12.30	12.45	¼	RIG UP TESTING HEAD
12.45	4.00	3¾	TESTING 5 MIN PRE FLOW - INITIAL SHUT-IN 1 HOUR INITIAL OPENING - 1 HR. FINAL SHUT-IN 1 HR.

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

35	STANDS D.P.	3240.36 FT.
	SINGLES D.P.	FT.
	D.C. I.D. O.D.	FT.
	D.C. I.D. O.D.	FT.
	STB. BODY O.D.	FT.
	STB. BODY O.D.	FT.
	RMR. BODY O.D.	FT.
	SUBS O.D.	FT.
	BIT OR C.B.	FT.
		FT.
	KELLY DOWN	FT.
	TOTAL	FT.
WT. OF STRING		LBS.

BIT RECORD

BIT NO.	
SIZE	
MFG.	OPEN
TYPE	FAND
NOZZLE NO.	
NOZZLE SIZE	
SER. NO.	
DEPTH OUT	
DEPTH IN	
TOTAL FTG.	
TOTAL HR. RUN	
COND. OF BIT	
REAMER NO.	
REAMER TYPE	

MUD RECORD

TIME		
WEIGHT		
VISC.-SEC		
W.L.-C.C.		
FLTR. CK		
PH		
SD. CONT. %		
PRESSURE GRADIENT		

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.

DRILLER

FOOTAGE

FROM	TO	DR.-D RM.-R CORE.-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	METHOD RUN SGL.-S PAR'EL-P CON'D-C

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION

TIME LOG

FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4.00	4.15	¼	RIG SERVICE
4.15	6.15	2	PULL DST #1
6.15	10:30	4¼	BREAK DOWN TEST TOOL AND SERV SAME
10:30	11:00	½	RUN IN DRILL COLLAR
11:00	11.15	¼	SLIP ~~CUT~~ 48 FT DRILL LINE ~~WT 200,000~~
11:15	12:00	¾	LAY DOWN DRILL COLLARS

APPROVED — APPROVED

A.A.O.D.C.—A.P.I. OFFICIAL DAILY DRILLING REPORT FORM

DAILY DRILLING REPORT

REPORT NO. 23 DATE Feb 23/1974

OPERATOR	LEASE	WELL NO.	FIELD OR DIST.	COUNTY	STATE
TRANS PRAIRIE PIPE LINE	T.P.P.L. ETAL. CARCAJOU-J27	J-27	CARCAJOU		

CONTRACTOR: Jennings International Drilling, Division of Pancana Industries Ltd. — RIG NO.: ONE

DRILL PIPE STRING: NO. — SIZE — TOOL JOINT O.D. — TYPE THD. XH

SIGNATURE OF OPERATOR'S REPRESENTATIVE: R. Stuck

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: CM Goodrich

PUMPS

NO.	MANUFACTURER	TYPE	STROKE LENGTH
1.	EMSCO	D300	16
2.	EMSCO	D500	16
3.			

LAST CASING TUBING OR LINER

SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. TO CSG. HD.	SET AT	REMARKS
9⅝	IDSON	36/LS	15	615		612	700 SKS CEMENT 3% CACL

TIME DISTRIBUTION—HOURS

	MORN	DAY	EVE
RIG UP & TEAR DOWN			
DRILLING ACTUAL			
REAMING			
CONDITIONING MUD & CIRCULATING			
TRIPS			
LUBRICATE RIG	¼	¼	¼
DEVIATION SURVEY			
TEST B.O.P.			
CUT OFF DRILLING LINE			
REPAIR RIG			
CORING			
WIRE LINE LOGGING		7¾	
RUNNING CASING & CEMENTING			
WAITING ON CEMENT			
DRILL STEM TEST			
OTHER			
FISHING			
COMPLETION WORK: A. PERFORATING			
B. TUBING TRIPS			
C. SWABBING			
D. TESTING			
E. ADDITIONAL			
TOTALS	8	8	8

TIME SUMMARY (OFFICE USE ONLY)

DAY WORK

HRS. W/DP

HRS. WO/DP

HRS. STANDBY

TOTAL DAY WORK

WIRE LINE RECORD

REEL NO.

NO. OF LINES 8 SIZE 1⅛

FEET SLIPPED

FEET CUT OFF

PRESENT LENGTH

TON MI. OR TRIPS SINCE LAST CUT

CUMULATIVE TON MI. OR TRIPS 1

NO. OF DAYS FROM SPUD 23

CUMULATIVE ROTATING HRS.

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.		
30	STANDS D.P.	2808.23 FT.
1	SINGLES D.P.	FT.
4	D.C. 6¼ I.D. O.D.	411.41 FT.
	D.C. I.D. O.D.	FT.
	STB. BODY O.D.	FT.
	STB. BODY O.D.	FT.
	RMR. BODY O.D.	FT.
1	SUBS C/O O.D.	2.10 FT.
1	BIT OR C.B.	.75 FT.
1	RIT SUB	3.90 FT.
	KELLY DOWN	27.61 FT.
	TOTAL	3250 FT.
WT. OF STRING	80.000	LBS.

BIT RECORD

BIT NO.	
SIZE	
MFG.	
TYPE	
NOZZLE NO.	
NOZZLE SIZE	
SER. NO.	
DEPTH OUT	
DEPTH IN	
TOTAL FTG.	
TOTAL HR. RUN	
COND. OF BIT	
REAMER NO.	
REAMER TYPE	

MUD RECORD

TIME				
WEIGHT				
VISC.-SEC				
W.L.-C.C.				
FLTR. CK.				
PH				
SD. CONT. %				
PRESSURE GRADIENT				

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.

DRILLER Louis Zack

FOOTAGE

FROM	TO	DR.-D RM.-R CORE.-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	METHOD RUN SGL.-S PAR'EL-P COM'D-C
3250				Fuel 5'								

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION

TIME LOG

FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12:00	12:15	¼	RIG SERV
12:15	8:00	7¾	LOGGING

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.		
	STANDS D.P.	FT.
	SINGLES D.P.	FT.
	D.C. I.D. O.D.	FT.
	D.C. I.D. O.D.	FT.
	STB. BODY O.D.	FT.
	STB. BODY O.D.	FT.
	RMR. BODY O.D.	FT.
	SUBS O.D.	FT.
	BIT OR C.B.	FT.
		FT.
	KELLY DOWN	FT.
	TOTAL	FT.
WT. OF STRING		LBS.

BIT RECORD

BIT NO.	
SIZE	
MFG.	
TYPE	
NOZZLE NO.	
NOZZLE SIZE	
SER. NO.	
DEPTH OUT	
DEPTH IN	
TOTAL FTG.	
TOTAL HR. RUN	
COND. OF BIT	
REAMER NO.	
REAMER TYPE	

MUD RECORD

TIME				
WEIGHT				
VISC.-SEC				
W.L.-C.C.				
FLTR. CK.				
PH				
SD. CONT. %				
PRESSURE GRADIENT				

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.

DRILLER R. Lestus

FOOTAGE

FROM	TO	DR.-D RM.-R CORE.-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	METHOD RUN SGL.-S PAR'EL-P COM'D-C
3250												

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION

TIME LOG

FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8:00	8:15	¼	RIG SERV.
8:15	4:00	7¾	LOGGING
			LOGS DIL - BHC - CNL FDC.

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.		
30	STANDS D.P.	2808.23 FT.
1	SINGLES D.P.	FT.
14	D.C. 6¼ I.D. O.D.	411.41 FT.
	D.C. I.D. O.D.	FT.
	STB. BODY O.D.	FT.
	STB. BODY O.D.	FT.
	RMR. BODY O.D.	FT.
1	SUBS C/O O.D.	2.16 FT.
1	BIT OR C.B.	.75 FT.
1	BIT SUB	3.90 FT.
	KELLY DOWN	27.61 FT.
	TOTAL	3250 FT.
WT. OF STRING	80.000	LBS.

BIT RECORD

BIT NO.		
SIZE	8¾	
MFG.	HW	
TYPE	XDU	
NOZZLE NO.	ODEN	
NOZZLE SIZE		
SER. NO.		
DEPTH OUT		
DEPTH IN		
TOTAL FTG.		
TOTAL HR. RUN		
COND. OF BIT		
REAMER NO.		
REAMER TYPE		

MUD RECORD

TIME	8.15	11.00
WEIGHT	9.0	9.1
VISC.-SEC	47	55+
W.L.-C.C.	9.6	6.4
FLTR. CK	2/32	2/32
PH	8.0	8.2
SD. CONT. %		
PRESSURE GRADIENT		

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.
BEL	1500#		
BENEX	56#		
CMC	50#		

DRILLER

FOOTAGE

FROM	TO	DR.-D RM.-R CORE.-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	METHOD RUN SGL.-S PAR'EL-P COM'D-C
3250												

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION

TIME LOG

FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	4:15	¼	RIG SERV.
4:15	6:00	1¾	LAY DOCON 7" CASING
6:00	7:30	1½	RUN IN HOLE
7:30	12:00	4½	CIRC W/O ORDERS

APPROVED — APPROVED

A.A.O.D.C.--A.P.I. OFFICIAL DAILY DRILLING REPORT FORM

DAILY DRILLING REPORT — REPORT NO. 22 — DATE Feb 22/1974

OPERATOR	LEASE	WELL NO.	FIELD OR DIST.	COUNTY	STATE
TRANS PRAIRIE PIPE LINES.	T.P.P.L. ETAL-CARCAJOU	J-27	CARCAJOU		

CONTRACTOR: Jennings International Drilling, Division of Pancana Industries Ltd. — RIG NO.: ONE

DRILL PIPE STRING: NO. — SIZE — TOOL JOINT O.D. — TYPE THD. XH

SIGNATURE OF OPERATOR'S REPRESENTATIVE: [signature]

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: [signature]

PUMPS

NO.	MANUFACTURER	TYPE	STROKE LENGTH
1.	EMSCO	D700	16
2.	EMSCO	D500	16
3.			

LAST CASING, TUBING OR LINER

SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. TO CSG. HD.	SET AT	REMARKS
9⅝	IBSCO	36#45	15	615		612	700 SACKS CEMENT
							3% CACL

TIME DISTRIBUTION—HOURS

	MORN	DAY	EVE
RIG UP & TEAR DOWN			
DRILLING ACTUAL			
REAMING			
CONDITIONING MUD & CIRCULATING		5¾	
TRIPS		2	
LUBRICATE RIG		¼	
DEVIATION SURVEY			
TEST B.O.P.			
CUT OFF DRILLING LINE			
REPAIR RIG			
CORING			
WIRE LINE LOGGING			
RUNNING CASING & CEMENTING			
WAITING ON CEMENT			
DRILL STEM TEST			
OTHER			
FISHING			
COMPLETION WORK: A. PERFORATING			
B. TUBING TRIPS			
C. SWABBING			
D. TESTING			
E. ADDITIONAL			
TOTALS		8	

TIME SUMMARY (OFFICE USE ONLY)

DAY WORK	
HRS. W/DP	
HRS. WO/DP	
HRS. STANDBY	
TOTAL DAY WORK	

WIRE LINE RECORD

SIZE NO.	
NO. OF LINES 6	SIZE 1⅛
FEET SLIPPED	
FEET CUT OFF	
PRESENT LENGTH	
TON MI. OR TRIPS SINCE LAST CUT	
CUMULATIVE TON MI. OR TRIPS	
NO. OF DAYS FROM SPUD	22
CUMULATIVE ROTATING HRS.	

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.		
	STANDS D.P.	FT.
	SINGLES D.P.	FT.
	D.C. I.D. O.D.	FT.
	D.C. I.D. O.D.	FT.
	STB. BODY O.D.	FT.
	STB. BODY O.D.	FT.
	RMR. BODY O.D.	FT.
	SUBS O.D.	FT.
	BIT OR C.B.	FT.
		FT.
	KELLY DOWN	FT.
	TOTAL	FT.
WT. OF STRING		LBS.

BIT RECORD

BIT NO.	
SIZE	
MFG.	
TYPE	
NOZZLE NO.	
NOZZLE SIZE	
SER. NO.	
DEPTH OUT	
DEPTH IN	
TOTAL FTG.	
TOTAL HR. RUN	
COND. OF BIT	
REAMER NO.	
REAMER TYPE	

MUD RECORD

TIME	
WEIGHT	
VISC.-SEC	
W.L.-C.C.	
FLTR. CK.	
PH	
SD. CONT. %	
PRESSURE GRADIENT	

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.

DRILLER: Louis Gale

FOOTAGE

FROM	TO	DR.-D RM.-R CORE.-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	METHOD RUN SGL.-S PAR'EL-P COM'D-C
3250												

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12.00	12:15	¼	RIG SERV
12:15	6:15	6	LOGGING LOG CATCHING & HANGING AT 60T
6.15	6:45	½	TEAR OUT LOGGER CLEAN TOOLS OF CATWALK
6:45	8:00	1¼	LAY DOWN SQS REAMER AND 2 6¾ COLLARS

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.		
30	STANDS D.P.	FT.
1	SINGLES D.P.	2808.23 FT.
14	D.C. 6¼ I.D. O.D.	411.41 FT.
	D.C. I.D. O.D.	FT.
	STB. BODY O.D.	FT.
	STB. BODY O.D.	FT.
	RMR. BODY O.D.	FT.
1	SUBS 6½ O.D.	2.10 FT.
	BIT OR C.B.	.75 FT.
1	Bit Sub	3.90 FT.
	KELLY DOWN	23.61 FT.
	TOTAL	3250.00 FT.
WT. OF STRING	80,000	LBS.

BIT RECORD

BIT NO.	RR	7
SIZE		9⅞
MFG.		Hw
TYPE		XDV
NOZZLE NO.		NONE
NOZZLE SIZE		
SER. NO.		62749
DEPTH OUT		
DEPTH IN		
TOTAL FTG.		
TOTAL HR. RUN		
COND. OF BIT		
REAMER NO.		
REAMER TYPE		

MUD RECORD

TIME	
WEIGHT	
VISC.-SEC	
W.L.-C.C.	
FLTR. CK.	
PH	
SD. CONT. %	
PRESSURE GRADIENT	

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.
CAUSTIC	100#		
PELTEX	200#		

DRILLER: R. Lestus

FOOTAGE

FROM	TO	DR.-D RM.-R CORE.-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	METHOD RUN SGL.-S PAR'EL-P COM'D-C
3250												

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8:00	8:15	¼	RIG SERV. + CHECK BOPS
8:15	10:15	2	RUN IN HOLE + PICK UP 5 SINGLES TO DISPLACE Bottom Hole Assembly
10:15	4:00	5¾	CIRC + W/O 7" CASING

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.		
30	STANDS D.P.	FT.
1	SINGLES D.P.	2808.23 FT.
14	D.C. 6¼ I.D. O.D.	411.41 FT.
	D.C. I.D. O.D.	FT.
	STB. BODY O.D.	FT.
	STB. BODY O.D.	FT.
	RMR. BODY O.D.	FT.
1	SUBS C/O O.D.	2.10 FT.
1	BIT OR C.B.	.75 FT.
1	Bit Sub	3.90 FT.
	KELLY DOWN	23.61 FT.
	TOTAL	3250 FT.
WT. OF STRING	80,000	LBS.

BIT RECORD

BIT NO.	
SIZE	
MFG.	
TYPE	
NOZZLE NO.	
NOZZLE SIZE	
SER. NO.	
DEPTH OUT	
DEPTH IN	
TOTAL FTG.	
TOTAL HR. RUN	
COND. OF BIT	
REAMER NO.	
REAMER TYPE	

MUD RECORD

TIME	
WEIGHT	
VISC.-SEC	
W.L.-C.C.	
FLTR. CK.	
PH	
SD. CONT. %	
PRESSURE GRADIENT	

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.

DRILLER:

FOOTAGE

FROM	TO	DR.-D RM.-R CORE.-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	METHOD RUN SGL.-S PAR'EL-P COM'D-C

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	4:15	¼	RIG SERVICE
4:15	7:45	3½	CIRC ON Bottom
7:45	9:00	1¼	TRIP out
9:00	9:30	½	RIG UP TO RUN 7" CASEING
9:30	11.45	2¼	RUN 7" CASEING
11:45	12:00	¼	RIG UP TO LOG

APPROVED — APPROVED

A.A.O.D.C.—A.P.I. OFFICIAL DAILY DRILLING REPORT FORM

DAILY DRILLING REPORT

REPORT NO. 21 DATE FEB 21/74

OPERATOR: TRANS-PRAIRIE PIPELINE

LEASE: T.P.P.L. ET AL CARCAJOU

WELL NO. S-27 | FIELD OR DIST. CARCAJOU | COUNTY | STATE NWT

CONTRACTOR: Jennings International Drilling, Division of Pancana Industries Ltd.

RIG NO. 1

DRILL PIPE STRING NO. 4 SIZE 4½ | TOOL JOINT 6¼ O.D. TYPE THD. XH

SIGNATURE OF OPERATOR'S REPRESENTATIVE: A. Stack

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: Chas Ehrlich

PUMPS

NO.	MANUFACTURER	TYPE	STROKE LENGTH
1.	EMSCO	D-700	16"
2	EMSCO	D-500	16"
3.			

LAST CASING, TUBING OR LINER

SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. TO CSG. HD.	SET AT	REMARKS
9⅝	IBSCO	36/K55	15	615		612	700 SKS CEMENT
							3% CACL

TIME DISTRIBUTION—HOURS

	MORN	DAY	EVE
RIG UP & TEAR DOWN			
DRILLING ACTUAL	7½	11¼	
REAMING			
CONDITIONING MUD & CIRCULATING		2½	
TRIPS		2¾	
LUBRICATE RIG	¼	¼	¼
DEVIATION SURVEY	¼	¼	
TEST B.O.P.			
CUT OFF DRILLING LINE			
REPAIR RIG			
CORING			
WIRE LINE LOGGING			
RUNNING CASING & CEMENTING			
WAITING ON CEMENT			
DRILL STEM TEST			
OTHER			
FISHING			
COMPLETION WORK: A. PERFORATING			
B. TUBING TRIPS			
C. SWABBING			
D. TESTING			
E. ADDITIONAL			
TOTALS	8	8	8

TIME SUMMARY (OFFICE USE ONLY)

DAY WORK
HRS. W/DP
HRS. WO/DP
HRS. STANDBY
TOTAL DAY WORK

WIRE LINE RECORD

REEL NO.
NO. OF LINES 8 SIZE 1⅛
FEET SLIPPED
FEET CUT OFF
PRESENT LENGTH
TON MI. OR TRIPS SINCE LAST CUT
CUMULATIVE TON MI. OR TRIPS
NO. OF DAYS FROM SPUD 21
CUMULATIVE ROTATING HRS.

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.		
28	STANDS D.P.	2650.16 FT.
2	SINGLES D.P.	FT.
2	D.C. 6¾ I.D. 6¼ O.D.	60.35 FT.
14	D.C. 6¼ I.D. O.D.	411.41 FT.
2	STB. BODY 3P O.D.	12.47 FT.
1	STB. BODY 2P O.D.	5.62 FT.
1	RMR. BODY 6PT O.D.	8.35 FT.
2	SUBS C/O O.D.	3.91 FT.
1	BIT O.R.C.B.	.75 FT.
1	JARS	13.40 FT.
	KELLY DOWN	13.00 FT.
	TOTAL	3230 FT.
	WT. OF STRING 86000	LBS.

BIT RECORD

BIT NO.	RR	6
SIZE		8¾
MFG.		HW
TYPE		J44
NOZZLE NO.		3
NOZZLE SIZE		10
SER. NO.		H6642
DEPTH OUT		3230
DEPTH IN		2934
TOTAL FTG.		296
TOTAL HR. RUN		30
COND. OF BIT		0.5
REAMER NO.		
REAMER TYPE		

MUD RECORD

TIME	12.30	3.00	6.00
WEIGHT	9.0	8.9	8.8
VISC.-SEC	48	50+	50+
W.L.-C.C.	7.0	7.6	7.9
FLTR. CK.	2/32	2/32	2/32
PH	10	9.0	9.6
SD. CONT. %	DESANDER		
PRESSURE GRADIENT	U.F.	9.5	
	O.F.	8.8	

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.
GEL	1000#		
BENEX	4 LBS.		

DRILLER: Louie Jak

FOOTAGE 77

FROM	TO	DR.-D RM.-R CORE.-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	METHOD RUN SGL.-S PAR'EL-P COM'D-C
3153	3230	D			50	35	1300	5½	52			
				Fuel 4'								
				DESILTER IN OPERATION 24 HRS PER DAY								

DEVIATION RECORD: DEPTH 3155 DEV. 7¾ | DIRECTION | DEPTH | DEV. | DIRECTION | DEPTH | DEV. | DIRECTION

TIME LOG

FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
18:00	12:15	¼	RIG SERV
12:15	1:00	3¼	DRILL
1:00	1:15	¼	SURVEY
1:15	8:00	6¾	DRILL

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.		
28	STANDS D.P.	FT.
2	SINGLES D.P.	2650.16 FT.
2	D.C. 6¾ I.D. 6¼ O.D.	60.35 FT.
14	D.C. 6¼ I.D. O.D.	411.41 FT.
4	STB. BODY 3P O.D.	5620 FT.
2	STB. BODY 2P O.D.	12.47 FT.
1	RMR. BODY 6PT O.D.	8.35 FT.
2	SUBS C/O O.D.	3.91 FT.
1	BIT O.R.C.B.	.75 FT.
1	JARS	13.40 FT.
	KELLY DOWN	33.00 FT.
	TOTAL	3250 FT.
	WT. OF STRING 86000	LBS.

BIT RECORD

BIT NO.	RR	6
SIZE		8¾
MFG.		HW
TYPE		J44
NOZZLE NO.		3
NOZZLE SIZE		10
SER. NO.		HA642
DEPTH OUT		3250
DEPTH IN		2934
TOTAL FTG.		316
TOTAL HR. RUN		31¼
COND. OF BIT		1/1
REAMER NO.		
REAMER TYPE		

MUD RECORD

TIME	8.00	10.30	1.00
WEIGHT	9.0	9.0	9.0
VISC.-SEC	58	70	70
W.L.-C.C.	7.9	8.0	6.1
FLTR. CK.	2/32	2/32	2/32
PH	8.5	9.5	8.5
SD. CONT. %			
PRESSURE GRADIENT			

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.
Soda Ash	600		
CMC	100		

DRILLER: R. Lester

FOOTAGE 20

FROM	TO	DR.-D RM.-R CORE.-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	METHOD RUN SGL.-S PAR'EL-P COM'D-C
3230	3250	D			50	35	1300	5½	52			

DEVIATION RECORD: DEPTH 3250 DEV. 8° | DIRECTION | DEPTH | DEV. | DIRECTION | DEPTH | DEV. | DIRECTION

TIME LOG

FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8.00	8.15	¼	RIG SERVICE + CHECK BOPS
8.15	9.30	1¼	DRILL 8¾" HOLE
9.30	10.30	1	CIRCULATE
10.30	12.00	1½	DUMMY TRIP
12.00	1.30	1½	CIRC TO LOG
1.30	1.45	¼	SURVEY
1.45	4.00	2¼	DOUBLE STRAP OUT OF HOLE

MEASURED 3249.21
TALLY 3250.00
NO CORR.

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.		
29	STANDS D.P.	2650.16 FT.
2	SINGLES D.P.	[illegible] FT.
14	D.C. 6¼ I.D. O.D.	411.41 FT.
2	D.C. 6¾ I.D. O.D.	60.35 FT.
4	STB. BODY 3P O.D.	5620 FT.
2	STB. BODY 2P O.D.	12.47 FT.
1	RMR. BODY 6PT O.D.	8.35 FT.
2	SUBS C/O O.D.	3.91 FT.
1	BIT O.R.C.B.	.75 FT.
1	JARS	13.40 FT.
	KELLY DOWN	33.00 FT.
	TOTAL	3250 FT.
	WT. OF STRING 86.000	LBS.

BIT RECORD

BIT NO.	RR	6
SIZE		8¾
MFG.		HW
TYPE		J44
NOZZLE NO.		2
NOZZLE SIZE		10
SER. NO.		HA642
DEPTH OUT		3250
DEPTH IN		2934
TOTAL FTG.		316
TOTAL HR. RUN		31¼
COND. OF BIT		1/1
REAMER NO.		
REAMER TYPE		

MUD RECORD

TIME	8.30		
WEIGHT	9.0		
VISC.-SEC	70		
W.L.-C.C.	6.1		
FLTR. CK.	2/32		
PH	8.5		
SD. CONT. %			
PRESSURE GRADIENT			

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.

DRILLER

FOOTAGE

FROM	TO	DR.-D RM.-R CORE.-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	METHOD RUN SGL.-S PAR'EL-P COM'D-C
3250												

DEVIATION RECORD: DEPTH | DEV. | DIRECTION | DEPTH | DEV. | DIRECTION | DEPTH | DEV. | DIRECTION

TIME LOG

FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4.00	4.15	¼	RIG SERVICE + CHECK BOPS
4.15	5.00	¾	RIG UP LOGGERS
5.00	12:00	7	LOG

LOG #1 DUAL INDUCTION

APPROVED (AD) APPROVED (QBE)

A.A.O.D.C.—A.P.I. OFFICIAL DAILY DRILLING REPORT FORM

DAILY DRILLING REPORT — REPORT NO. 29 — DATE FEB 80

OPERATOR	LEASE	WELL NO.	FIELD OR DIST.	COUNTY	STATE
TRANS PRAIRIE PIPE LINES	TPPL ETAL CARSON 527	5-27	CARSON		N WT

CONTRACTOR: Jennings International Drilling, Division of Pancana Industries Ltd. — RIG NO. 1

DRILL PIPE STRING: NO. 4 SIZE 4½ — TOOL JOINT 6¼ O.D. — TYPE THD. XH

SIGNATURE OF OPERATOR'S REPRESENTATIVE: [signature]

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: Carl Elliott

PUMPS

NO.	MANUFACTURER	TYPE	STROKE LENGTH
1.	EMSCO	D700	16
2	EMSCO	D500	16
3.			

LAST CASING TUBING OR LINER

SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. TO CSG. HD.	SET AT	REMARKS
9⅝	IBSCO	36 KS	15	615		612	700 SKS CEMENT
							3% CACL

TIME DISTRIBUTION—HOURS

	MORN	DAY	EVE
RIG UP & TEAR DOWN			
DRILLING ACTUAL	7¼		7½
REAMING			
CONDITIONING MUD & CIRCULATING			
TRIPS	¼		
LUBRICATE RIG	¼	¼	¼
DEVIATION SURVEY	¼		¼
TEST B.O.P.			
CUT OFF DRILLING LINE			
REPAIR RIG			
CORING			
WIRE LINE LOGGING			
RUNNING CASING & CEMENTING			
WAITING ON CEMENT			
DRILL STEM TEST			
OTHER			
FISHING			
COMPLETION WORK A. PERFORATING			
B. TUBING TRIPS			
C. SWABBING			
D. TESTING			
E. ADDITIONAL			
TOTALS	8	8	8

TIME SUMMARY (OFFICE USE ONLY)

DAY WORK			
HRS. W/DP			
HRS. WO/DP			
HRS. STANDBY			
TOTAL DAY WORK			

WIRE LINE RECORD

REEL NO.	
NO. OF LINES	8 SIZE 1⅛
FEET SLIPPED	
FEET CUT OFF	
PRESENT LENGTH	
TON MI. OR TRIPS SINCE LAST CUT	
CUMULATIVE TON MI. OR TRIPS	
NO. OF DAYS FROM SPUD	20
CUMULATIVE ROTATING HRS.	

MORNING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
24	STANDS D.P.	2H0615	FT.
	SINGLES D.P.		FT.
2	D.C. 6 3/4 I.D. O.D.	60.35	FT.
14	D.C. 6 1/4 I.D. O.D.	411.41	FT.
2	STB. 3PT BODY O.D.	12.47	FT.
4	STB. 4PT BODY O.D.	56.20	FT.
1	RMR. 6PT BODY O.D.	8.35	FT.
2	SUBS 4½ O.D.	3.91	FT.
1	BIT OR C.B.	.75	FT.
1	SAR	13.40	FT.
	KELLY DOWN		FT.
	TOTAL	2992	FT.
WT. OF STRING	85,000		LBS.

BIT RECORD

BIT NO.	RR	6
SIZE		8 3/4
MFG.		HW
TYPE		SHH
NOZZLE NO.		3
NOZZLE SIZE		10
SER. NO.		HA6H2
DEPTH OUT		
DEPTH IN		2934
TOTAL FTG.		58
TOTAL HR. RUN		7¼
COND. OF BIT		OB
REAMER NO.		
REAMER TYPE		

MUD RECORD

TIME	2:00	4:00	6:00
WEIGHT	9	9.	9.
VISC.-SEC	51	54	56
W.L.-C.C.	7.4	7.6	7.8
FLTR. CK.	2/32	2/32	2/32
PH	8	8	8
SD. CONT. %	DESILTER		
PRESSURE GRADIENT	U.F.	9.4	
	O.F.	8.9	

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.
Gel	1000		
Ben-Ex	4		

DRILLER: T. Schauer

FOOTAGE 58 — DR.-D RM.-R CORE.-C — CORE NO.

FROM	TO	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	METHOD RUN SCL.-S PAR'EL-P COM'D-C
2934	2992		41	30	1300	5½	52			
		Surf Spt. 6 inches								

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
2973	7½°							

TIME LOG

FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
1200	1215	¼	RIG SER
1215	1230	¼	FINNISH IN
1230	630	6	DRILL 8 3/4 HOLE
630	645	¼	SURVEY @ 2973
645	800	1¼	DRILL

DAY TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
26	STANDS D.P.	246646	FT.
2	SINGLES D.P.		FT.
2	D.C. 6 3/4 I.D. O.D.	60.35	FT.
14	D.C. 6 1/4 I.D. O.D.	411.41	FT.
2	STB. 3PT BODY O.D.	12.47	FT.
4	STB. 4PT BODY O.D.	56.20	FT.
1	RMR. 6PT BODY O.D.	8.35	FT.
2	SUBS 4½ O.D.	3.91	FT.
	BIT OR C.B.	.75	FT.
1	JAR	13.40	FT.
	KELLY DOWN	35.20	FT.
	TOTAL	3069	FT.
WT. OF STRING	85,000		LBS.

BIT RECORD

BIT NO.	RR	6
SIZE		8 3/4
MFG.		HW
TYPE		J44
NOZZLE NO.		3
NOZZLE SIZE		10
SER. NO.		HA6H2
DEPTH OUT		
DEPTH IN		2934
TOTAL FTG.		135
TOTAL HR. RUN		15
COND. OF BIT		0/3
REAMER NO.		
REAMER TYPE		

MUD RECORD

TIME	915	1130	230
WEIGHT	9.2	9.2	9.1
VISC.-SEC	50	47	53
W.L.-C.C.	8.6	8.6	8.6
FLTR. CK.	2/32	2/32	2/32
PH	8.0	10.5	11.5
SD. CONT. %	DESANDER		
PRESSURE GRADIENT	U.F.	9.3	
	O.F.	9.0	

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.
GEL	1000#		
BENEX	4 LBS		
SODA ASH	800#		

DRILLER: Lonnie Zak

FOOTAGE 77 — DR.-D RM.-R CORE.-C — CORE NO.

FROM	TO	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	METHOD RUN SCL.-S PAR'EL-P COM'D-C
2992	3069		41	30	1300	5½	52			S
			45	35						

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION

TIME LOG

FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8:00	8:15	¼	RIG SERV [CHECK BOPS
8:15	4:00	7¾	DRILL

EVENING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
27	STANDS D.P.		FT.
2	SINGLES D.P.	25574	FT.
2	D.C. 6 3/4 I.D. O.D.	60.35	FT.
14	D.C. 6 1/4 I.D. O.D.	411.41	FT.
2	STB. 3PT BODY O.D.	12.47	FT.
4	STB. 4PT BODY O.D.	56.20	FT.
1	RMR. 6PT BODY O.D.	8.35	FT.
2	SUBS 4½ O.D.	3.91	FT.
1	BIT OR C.B.	.75	FT.
1	JARS	13.40	FT.
	KELLY DOWN	28.90	FT.
	TOTAL	3153.0	FT.
WT. OF STRING	46,500		LBS.

BIT RECORD

BIT NO.	RR	6
SIZE		8 3/4
MFG.		HW
TYPE		J-44
NOZZLE NO.		3
NOZZLE SIZE		10
SER. NO.		HA-642
DEPTH OUT		
DEPTH IN		2934
TOTAL FTG.		219
TOTAL HR. RUN		22½
COND. OF BIT		0.3
REAMER NO.		
REAMER TYPE		

MUD RECORD

TIME	430	830	1100
WEIGHT	8.9	8.8	8.9
VISC.-SEC	50	53	50
W.L.-C.C.	8.6	9.8	9.0
FLTR. CK.	2/32	2/30	2/32
PH	11.5	11.0	8.5
SD. CONT. %	DESANDER		
PRESSURE GRADIENT	U. Flow	9.3	
	O. Flow	8.9	

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.
SODA ASH	800#		
CMC	100#		
GEL	800#		

DRILLER: Ray Leslie

FOOTAGE 84 — DR.-D RM.-R CORE.-C — CORE NO.

FROM	TO	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	METHOD RUN SCL.-S PAR'EL-P COM'D-C
3069	3153	D	45	35	1300	5½	52			
			50	35						

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
3044	7½							

TIME LOG

FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
400	415	¼	RIG SERVICE + CHECK BOPS
415	430	¼	SURVEY @ 3044
430	1200	7½	DRILL 8 3/4" HOLE

APPROVED — APPROVED

A.A.O.D.C.—A.P.I. OFFICIAL DAILY DRILLING REPORT FORM

DAILY DRILLING REPORT

REPORT NO. 19 DATE FEB 19

OPERATOR: TRANS PRAIRE PIPE LINES

LEASE: TPL ETAL CARCASON 527

WELL NO. 527 | FIELD OR DIST. | COUNTY | STATE

CONTRACTOR: Jennings International Drilling, Division of Pancana Industries Ltd.

RIG NO. 1

DRILL PIPE STRING: NO. 2, SIZE 4 1/2, TYPE THD. + H

TOOL JOINT 6 1/4 O.D.

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: Chas Elliott

PUMPS

NO.	MANUFACTURER	TYPE	STROKE LENGTH
1.	EMSCO	D700	14
2.	EMSCO	D500	16
3.			

LAST CASING, TUBING OR LINER: #2 BOILERS IN OPERATION 22 HRS

SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. TO CSG. HD.	SET AT	REMARKS
9 5/8	IPSCO	36KS	15	615		601.2	

TIME DISTRIBUTION—HOURS

	MORN	DAY	EVE
RIG UP & TEAR DOWN			
DRILLING ACTUAL			
REAMING			
CONDITIONING MUD & CIRCULATING			
TRIPS			
LUBRICATE RIG			
DEVIATION SURVEY			
TEST B.O.P.			
CUT OFF DRILLING LINE			
REPAIR RIG			
CORING			
WIRE LINE LOGGING			
RUNNING CASING & CEMENTING			
WAITING ON CEMENT			
DRILL STEM TEST			
OTHER			
FISHING			
COMPLETION WORK: A. PERFORATING			
B. TUBING TRIPS			
C. SWABBING			
D. TESTING			
E. ADDITIONAL			
TOTALS			

TIME SUMMARY (OFFICE USE ONLY)

DAY WORK			
HRS. W/DP			
HRS. WO/DP			
HRS. STANDBY			
TOTAL DAY WORK			

WIRE LINE RECORD

REEL NO.

NO. OF LINES SIZE

FEET SLIPPED

FEET CUT OFF

PRESENT LENGTH

TON MI. OR TRIPS SINCE LAST CUT

CUMULATIVE TON MI. OR TRIPS

NO. OF DAYS FROM SPUD

CUMULATIVE ROTATING HRS.

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			
23	STANDS D.P.	21908	FT.
2	SINGLES D.P.		FT.
9	D.C. 6 3/4 I.D. O.D.	603.5	FT.
14	D.C. 6 1/4 I.D. O.D.	411.41	FT.
2	STB. 3 PT BODY O.D.	12.47	FT.
4	STB. AT BODY O.D.	56.20	FT.
1	RMR. 6 PT BODY O.D.	8.35	FT.
2	SUBS 6/0 O.D.	3.91	FT.
1	BIT OR C.B.	.75	FT.
1	JAR	13.40	FT.
	KELLY DOWN	36.58	FT.
	TOTAL	2794	FT.

WT. OF STRING 82,000 LBS.

BIT RECORD

BIT NO.	7
SIZE	8 3/4
MFG.	HW
TYPE	XDV
NOZZLE NO.	2 1
NOZZLE SIZE	10 9
SER. NO.	62789
DEPTH OUT	
DEPTH IN	2295
TOTAL FTG.	499
TOTAL HR. RUN	33
COND. OF BIT	OB
REAMER NO.	
REAMER TYPE	

MUD RECORD

TIME	12:30	2:00	6:00
WEIGHT	8.9	9.0	9.1
VISC.-SEC	50	51	49
W.L.-C.C.	8.2	7.8	7.4
FLTR. CK.	2/32	2/32	2/32
PH	7.6	7.6	7.6
SD. CONT. %	DESILTER		
PRESSURE GRADIENT	U.F. 9.6		
	O.F. 8.8		

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.
GEL	1000 #		
Bentik	4 #		

DRILLER: G. Arsenault

FOOTAGE 89

FROM	TO	DR.-D RM.-R CORE.-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	METHOD RUN SGL.-S PAR'EL-P COM'D-C
2705	2794				95	30	1300	5 1/2	51			
				Fuel - 6 ft.								

DEVIATION RECORD	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
	2727	6 7/8°							

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12:00	12:15	1/4	RIG SER
12:15	2:45	2 1/2	DRILL
2:45	3:00	1/4	SURVEY @ 2727
3:00	8:00	5	DRILL

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			
24	STANDS D.P.	22815	FT.
2	SINGLES D.P.		FT.
2	D.C. 6 1/4 I.D. O.D.	60.35	FT.
14	D.C. 6 1/4 I.D. O.D.	411.41	FT.
2	STB. 3 PT BODY O.D.	12.47	FT.
4	STB. AT BODY O.D.	56.20	FT.
1	RMR. 6 PT BODY O.D.	8.35	FT.
2	SUBS 6/0 O.D.	3.91	FT.
1	BIT OR C.B.	.75	FT.
1	JAR	13.40	FT.
	KELLY DOWN	28.83	FT.
	TOTAL	3464	FT.

WT. OF STRING 83,000 LBS.

BIT RECORD

BIT NO.	7
SIZE	8 3/4
MFG.	HW
TYPE	XDV
NOZZLE NO.	2 1
NOZZLE SIZE	10 9
SER. NO.	62789
DEPTH OUT	~~2815~~
DEPTH IN	2295
TOTAL FTG.	588
TOTAL HR. RUN	~~10~~ 10 1/2
COND. OF BIT	
REAMER NO.	
REAMER TYPE	

MUD RECORD

TIME	8:30	11:30	3:00
WEIGHT	9.1	9.1	9.3
VISC.-SEC	50	51	55
W.L.-C.C.	9.8	7.8	9.6
FLTR. CK.	2/32	2/32	2/32
PH	7.6	7.6	7.6
SD. CONT. %	DESANDER		
PRESSURE GRADIENT	U.F. 9.7		
	O.F. 9.1		

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.
GEL	2000 #		
BENEX	16 #		
CMC	50 #		

DRILLER: Lounsbury

FOOTAGE 89

FROM	TO	DR.-D RM.-R CORE.-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	METHOD RUN SGL.-S PAR'EL-P COM'D-C
2794	2883				95	30	1300	5 1/2	52			
				Blow out Drill OK.								

DEVIATION RECORD	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
	2819	6 3/4							

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8:00	8:15	1/4	RIG SERV (CHECK BOPS) (CHANGE OIL + FILTER 271 GMC)
8:15	11:15	3	DRILL (+ KELLY COCK)
11:15	11:30	1/4	SURVEY @ 2819
11:30	4:00	4 1/2	DRILL

(CHANGE OIL IN MOTOR LITE PLANT)

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			
25	STANDS D.P.	23430	FT.
1	SINGLES D.P.		FT.
2	D.C. 6 3/4 I.D. O.D.	60.35	FT.
14	D.C. 6 1/4 I.D. O.D.	411.41	FT.
4	STB. 3 PT BODY O.D.	56.20	FT.
2	STB. AT BODY O.D.	12.47	FT.
1	RMR. 6 PT BODY O.D.	8.35	FT.
2	SUBS 6/0 O.D.	3.91	FT.
1	BIT OR C.B.	.75	FT.
1	JAR	13.40	FT.
	KELLY DOWN	22.00	FT.
	TOTAL	2934	FT.

WT. OF STRING 83,000 LBS.

BIT RECORD

BIT NO.	7
SIZE	8 3/4
MFG.	HW
TYPE	XDV
NOZZLE NO.	2 1
NOZZLE SIZE	10 9
SER. NO.	62789
DEPTH OUT	2934
DEPTH IN	2295
TOTAL FTG.	639
TOTAL HR. RUN	45 1/4
COND. OF BIT	411
REAMER NO.	
REAMER TYPE	

MUD RECORD

TIME	5:00	~~5:00~~	7
WEIGHT	9.3	9.3	R
VISC.-SEC	55	56	
W.L.-C.C.	6.4	6.4	
FLTR. CK.	2/32	2/32	
PH	7.6	7.8	P
SD. CONT. %	DESANDER		1
PRESSURE GRADIENT	U.F. 9.6		N
	O.F. 9.1		6

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.

DRILLER:

FOOTAGE 51

FROM	TO	DR.-D RM.-R CORE.-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	METHOD RUN SGL.-S PAR'EL-P COM'D-C
2883	2934				95	30	1300	5 1/2	52			

DEVIATION RECORD	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
	2909	7 1/2							

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	4:15	1/4	RIG SERV
4:15	7:30	3 1/4	DRILL 8 3/4 HOLE
7:30	7:45	1/4	SURVEY @ 2909
7:45	9:15	1 1/2	DRILL
9:15	11:00	1 3/4	TRIP OUT FOR BIT
11:00	~~8:30~~	1 ~~1/4~~	RUN IN NO FILL
~~8:30~~			DRILL

APPROVED

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A.A.O.D.C.—A.P.I. OFFICIAL DAILY DRILLING REPORT FORM

DAILY DRILLING REPORT — REPORT NO. 18 — DATE FEB 15

OPERATOR	LEASE	WELL NO.	FIELD OR DIST.	COUNTY	STATE
TRANS PRAIRIE PIPE LINES	TPPL ETAL CARCASON 527	527			

CONTRACTOR: Jennings International Drilling, Division of Pancana Industries Ltd. — RIG NO. 1

DRILL PIPE STRING: NO. 2, SIZE 4 1/2, TYPE THD. X H — TOOL JOINT 6 1/4 O.D.

SIGNATURE OF OPERATOR'S REPRESENTATIVE:

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: Orn Elliott

PUMPS

NO.	MANUFACTURER	TYPE	STROKE LENGTH
1.	EMSCO	D700	16
2	EMSCO	D500	16
3.			

LAST CASING TUBING OR LINER

SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. TO CSG. HD.	SET AT	REMARKS
9 5/8	IPSCO	36 K S	15	615		611 2	

1 & 2 BOILERS IN OPERATION 24 HRS.

TIME DISTRIBUTION—HOURS

	MORN	DAY	EVE
RIG UP & TEAR DOWN			
DRILLING ACTUAL		6 1/2	
REAMING			
CONDITIONING MUD & CIRCULATING			
TRIPS		1	
LUBRICATE RIG		1/4	
DEVIATION SURVEY		1/4	
TEST B.O.P.			
CUT OFF DRILLING LINE			
REPAIR RIG			
CORING			
WIRE LINE LOGGING			
RUNNING CASING & CEMENTING			
WAITING ON CEMENT			
DRILL STEM TEST			
OTHER			
FISHING			
COMPLETION WORK: A. PERFORATING			
B. TUBING TRIPS			
C. SWABBING			
D. TESTING			
E. ADDITIONAL			
TOTALS		8	

TIME SUMMARY (OFFICE USE ONLY)

DAY WORK	
HRS. W/DP	
HRS. WO/DP	
HRS. STANDBY	
TOTAL DAY WORK	

WIRE LINE RECORD

REEL NO.	
NO. OF LINES	SIZE
FEET SLIPPED	
FEET CUT OFF	
PRESENT LENGTH	
TON MI. OR TRIPS SINCE LAST CUT	
CUMULATIVE TON MI. OR TRIPS	
NO. OF DAYS FROM SPUD	
CUMULATIVE ROTATING HRS.	

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.		
21	STANDS D.P.	19743 FT.
1	SINGLES D.P.	FT.
2	D.C. 6 3/4 I.D. O.D.	1035 FT.
14	D.C. 6 1/4 I.D. O.D.	411.41 FT.
2	STB. 3 PT BODY O.D.	12.47 FT.
4	STB. PT BODY O.D.	56.20 FT.
1	RMR. PT BODY O.D.	8.35 FT.
2	SUBS 4 1/0 O.D.	3.91 FT.
1	BIT OR C.B.	.75 FT.
1	JAR	13.40 FT.
	KELLY DOWN	[illegible] FT.
	TOTAL	2553 FT.

WT. OF STRING 80,000 LBS.

BIT RECORD

BIT NO.		7
SIZE		8 3/4
MFG.		HW
TYPE		XDV
NOZZLE	NO.	2 1
	SIZE	10 9
SER. NO.		62789
DEPTH OUT		
DEPTH IN		2295
TOTAL FTG.		259
TOTAL HR. RUN		14 3/4
COND. OF BIT		
REAMER NO.		
REAMER TYPE		

MUD RECORD

TIME	2:00	4:30	6:00
WEIGHT	9.0	9.	9.
VISC.-SEC	54	50	53
W.L.-C.C.	8.	6.	9.
FLTR. CK.	2/32	2/32	2/32
PH	7.	7.	7.
SD. CONT. %	DESILTER		
PRESSURE GRADIENT	U.F. 9.4		
	O.F. 8.8		

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.
GEL	1500#		
BAR-EX	6 sk		
C.M.C.	50#		
DRILLER	C Allen		

FOOTAGE

FROM	TO	DR. O RM. R CORE C.	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	METHOD RUN SGL.-S PAR'EL-P COM'D-C
2472	2554				93	10-15	800	5 1/2				
				Fuel Lft. Gin.								

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
2477	6 3/4		2541	6 3/4				

TIME LOG

FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
1200	1215	1/4	RIG SER
1215	100	3/4	DRILL
100	115	1/4	SURVEY @ 2477
115	530	4 1/4	DRILL
530	545	1/4	SURVEY
545	800	2 1/4	TRIP

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.		
22	STANDS D.P.	20693.4 FT.
1	SINGLES D.P.	FT.
2	D.C. 6 3/4 I.D. O.D.	60.35 FT.
14	D.C. 6 1/4 I.D. O.D.	411.41 FT.
2	STB. 3PT BODY O.D.	12.47 FT.
4	STB. PT BODY O.D.	56.20 FT.
1	RMR. PT BODY O.D.	8.35 FT.
2	SUBS 4 1/0 O.D.	3.91 FT.
1	BIT OR C.B.	.75 FT.
1	JAR	13.40 FT.
	KELLY DOWN	21.82 FT.
	TOTAL	2658 FT.

WT. OF STRING 80,000 LBS.

BIT RECORD

BIT NO.		7
SIZE		8 3/4
MFG.		HW
TYPE		XDV
NOZZLE	NO.	2 1
	SIZE	10 9
SER. NO.		62789
DEPTH OUT		
DEPTH IN		2295
TOTAL FTG.		363
TOTAL HR. RUN		21 1/4
COND. OF BIT		
REAMER NO.		
REAMER TYPE		

MUD RECORD

TIME	9:30	12:15	3:30
WEIGHT	9.3	9.3	9.2
VISC.-SEC	48	50	50
W.L.-C.C.	7/32	7/32	7/32
FLTR. CK.	2/32	9.8	9.8
PH	7.6	7.6	
SD. CONT. %	Desander		
PRESSURE GRADIENT	U.F.	9.6	
	O.F.	9.0	

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.
GEL	2100#		
BENEX	8 LBS.		
CMC	50#		
DRILLER	Louis Galt		

FOOTAGE 104

FROM	TO	DR. D RM. R CORE C.	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	METHOD RUN SGL.-S PAR'EL-P COM'D-C
2554	2658				93	30	1300	5 1/2	51			
							1400	5 1/2	325			

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
2634	6 3/4							

TIME LOG

FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
6:00	8:15	1/4	RIG SERV CHECK BOPS
8:15	9:15	1	RUN IN W/ BIT SAME XDV 62789
9:15	2:45	5 1/2	DRILL (CHANGE OIL + FILTER IN D379 MOTORS)
2:45	3:00	1/4	SURVEY
3:00	4:00	1	DRILL
			(CHECK BREAK LINKAGE) ON DRAWORK

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.		
22	STANDS D.P.	20976.4 FT.
2	SINGLES D.P.	FT.
2	D.C. 6 3/4 I.D. O.D.	64.35 FT.
	D.C. I.D. O.D.	
	D.C. I.D. O.D.	411.41 FT.
2	STB. 2PT BODY O.D.	12.47 FT.
4	STB. PT BODY O.D.	56.20 FT.
1	RMR. PT BODY O.D.	8.35 FT.
2	SUBS 4 1/0 O.D.	3.91 FT.
1	BIT OR C.B.	.75 FT.
1	JAR	13.40 FT.
	KELLY DOWN	21.00 FT.
	TOTAL	2705 FT.

WT. OF STRING 80,000 LBS.

BIT RECORD

BIT NO.		7
SIZE		8 3/4
MFG.		HW
TYPE		XDV
NOZZLE	NO.	2 1
	SIZE	10 9
SER. NO.		62789
DEPTH OUT		2295
DEPTH IN		2295
TOTAL FTG.		410
TOTAL HR. RUN		25 1/4
COND. OF BIT		OB
REAMER NO.		
REAMER TYPE		

MUD RECORD

TIME	5:00	8:00	10:30
WEIGHT	9.2	9.1	9.0
VISC.-SEC	50	51	52
W.L.-C.C.	9.9	9.8	9.6
FLTR. CK	2/32	2/32	2/32
PH	7.6	7.6	7.6
SD. CONT. %	U.F.	9.7	
PRESSURE GRADIENT	O.F.	9.1	

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.
Saw Dust	6 sk		
C.M.C.	50#		
DRILLER			

FOOTAGE 47

FROM	TO	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD RUN SGL.-S PAR'EL-P COM'D-C
2658	2705				93	30	1300	5 1/2	51	5		

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION

TIME LOG

FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	4:15	1/4	RIG SERV
4:15	5:15	1	DRILL
5:15	8:45	3 1/2	RE-PACK SWIVEL
8:45	12:00	3 1/4	DRILL

APPROVED — APPROVED

A.A.O.D.C.—A.P.I. OFFICIAL DAILY DRILLING REPORT FORM

DAILY DRILLING REPORT — REPORT NO. 17 — DATE FEB 17

OPERATOR	LEASE	WELL NO.	FIELD OR DIST.	COUNTY	STATE
TRANSPRAIRIE PIPE LINE	TPPL ETAL C. ARCASOU 527	527			

CONTRACTOR: Jennings International Drilling, Division of Pancana Industries Ltd. — RIG NO. 1

DRILL PIPE STRING: NO. 2, SIZE 2 1/2 — TOOL JOINT 6 1/4 O.D. — TYPE THD. XH

SIGNATURE OF OPERATOR'S REPRESENTATIVE:

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: Tom Elliott

PUMPS

NO.	MANUFACTURER	TYPE	STROKE LENGTH
1.	EMSCO	D700	14
2.	EMSCO	D500	14
3.			

LAST CASING TUBING OR LINER

SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. TO CSG. HD.	SET AT	REMARKS
9 5/8	IBSCO	36 K S	15	615		612	

TIME DISTRIBUTION—HOURS

	MORN	DAY	EVE
RIG UP & TEAR DOWN			
DRILLING ACTUAL			
REAMING			
CONDITIONING MUD & CIRCULATING			
TRIPS			
LUBRICATE RIG			
DEVIATION SURVEY			
TEST B.O.P.			
CUT OFF DRILLING LINE			
REPAIR RIG			
CORING			
WIRE LINE LOGGING			
RUNNING CASING & CEMENTING			
WAITING ON CEMENT			
DRILL STEM TEST			
OTHER			
FISHING			
COMPLETION WORK: A. PERFORATING			
B. TUBING TRIPS			
C. SWABBING			
D. TESTING			
E. ADDITIONAL			
TOTALS			

TIME SUMMARY (OFFICE USE ONLY)

DAY WORK	
HRS. W/DP	
HRS. WO/DP	
HRS. STANDBY	
TOTAL DAY WORK	

WIRE LINE RECORD

REEL NO.	
NO. OF LINES	SIZE
FEET SLIPPED	
FEET CUT OFF	
PRESENT LENGTH	
TON MI. OR TRIPS SINCE LAST CUT	
CUMULATIVE TON MI. OR TRIPS	
NO. OF DAYS FROM SPUD	
CUMULATIVE ROTATING HRS.	

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			
	STANDS D.P.		FT.
	SINGLES D.P.		FT.
2	D.C. 6 3/4 I.D. O.D.	60 35	FT.
14	D.C. 6 1/4 I.D. O.D.	411 41	FT.
2	STB. 3PT BODY O.D.	12 47	FT.
4	STB. 2PT BODY O.D.	56 20	FT.
1	RMR. 6PT BODY O.D.	8 35	FT.
2	SUBS 4/0 O.D.	3 91	FT.
1	BIT OR C.B.	75	FT.
1	SPR	13 40	FT.
	KELLY DOWN	41 00	FT.
	TOTAL	227 4	FT.
	WT. OF STRING	75 000	LBS.

BIT RECORD

BIT NO.	6
SIZE	8 3/4
MFG.	HW
TYPE	5H4
NOZZLE NO.	2 1
NOZZLE SIZE	10 9
SER. NO.	HA 642
DEPTH OUT	
DEPTH IN	1886
TOTAL FTG.	388
TOTAL HR. RUN	36 1/2
COND. OF BIT	0 3
REAMER NO.	
REAMER TYPE	

MUD RECORD

TIME	2:00	3:30	6:00
WEIGHT	8.9	9.4	9.0
VISC.-SEC	44	43	44
W.L.-C.C.	12.2	6	8
FL.TR. CK.	2/32	2/32	2/32
PH	7.5	7.5	7.5
SD. CONT. %	DESILTER		
PRESSURE GRADIENT	U.F.	9.8	
	O.F.	8.8	

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.
GEL	100 #		
BENEX	4#		
C.M.C.	50 #		
DRILLER	Tom Elliott		

FOOTAGE

FROM	TO	DR.D RM.R CORE.C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	METHOD RUN SGL.-S PAR'EL-P COM'D-C
2194	2274			W.C. 2 BOILERS IN OPERATION 24 HRS	42	30	1300	5 1/2				
				FUEL 5 CT	42	15	1500					

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
2233	6 1/4							

TIME LOG

FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
1200	1215	1/4	RIG SER
1215	1430	2 1/4	DRILL
1430	1445	1/4	SURVEY @ 2233
1445	800	3 1/4	DRILL

HELD SAFETY MEETING — DRILLING LINE O.T.

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			
19	STANDS D.P.	1758 22	FT.
	SINGLES D.P.		FT.
2	D.C. 6 3/4 I.D. O.D.	60 35	FT.
14	D.C. 6 1/4 I.D. O.D.	411 41	FT.
2	STB. 3PT BODY O.D.	12.47	FT.
4	STB. 2PT BODY O.D.	56.20	FT.
1	RMR. 6PT BODY O.D.	8.35	FT.
2	SUBS 4/0 O.D.	3 91	FT.
1	BIT OR C.B.	.75	FT.
1	JARS	13.40	FT.
	KELLY DOWN	34 94	FT.
	TOTAL	2310	FT.
	WT. OF STRING	78.000	LBS.

BIT RECORD

BIT NO.	6	7
SIZE	8 3/4	8 3/4
MFG.	HW	HW
TYPE	544	XDV
NOZZLE NO.	2 1	2 1
NOZZLE SIZE	10 9	10 9
SER. NO.	HA 642	62789
DEPTH OUT	2275	2360
DEPTH IN	1886	2295
TOTAL FTG.	409	65
TOTAL HR. RUN	38 1/2	2 1/2
COND. OF BIT		
REAMER NO.		
REAMER TYPE		

MUD RECORD

TIME	8:00	1:30
WEIGHT	8.9	8.9
VISC.-SEC	45	45
W.L.-C.C.	11.8	12
FL.TR. CK.	2/32	2/32
PH	7.6	8
SD. CONT. %	DESANDER	
PRESSURE GRADIENT	U.F.	9.8
	C.F.	8.7

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.
GEL	1000 #		
BENEX	4 LBS		
C.M.C.	50 #		
DRILLER	Louis Zak		

FOOTAGE 86

FROM	TO	DR.D RM.R CORE.C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	METHOD RUN SGL.-S PAR'EL-P COM'D-C
2274	2360	D			90	15	1300	5 1/2	51			

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
2295	6 1/2							

TIME LOG

FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8:00	8:15	1/4	RIG SERV CHECK BOPS
8:15	10:15	2	DRILL
10:15	10:30	1/4	SURVEY 2295
10:30	1:30	3	TRIP OUT FOR BIT
1:30	4:00	2 1/2	DRILL

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			
20	STANDS D.P.	1879.91	FT.
1	SINGLES D.P.		FT.
2	D.C. 6 3/4 I.D. O.D.	60 35	FT.
14	D.C. 6 1/4 I.D. O.D.	411.41	FT.
2	STB. 3PT BODY O.D.	12.47	FT.
4	STB. 2PT BODY O.D.	56.20	FT.
1	RMR. 6PT BODY O.D.	8.35	FT.
2	SUBS 4/0 O.D.	3 91	FT.
	BIT OR C.B.	75	FT.
1	JAR	13 40	FT.
	KELLY DOWN	24 75	FT.
	TOTAL	2472	FT.
	WT. OF STRING	80 000	LBS.

BIT RECORD

BIT NO.	7	
SIZE	8 3/4	
MFG.	HW	
TYPE	XDV	
NOZZLE NO.	2 1	
NOZZLE SIZE	10 9	
SER. NO.	62789	
DEPTH OUT		
DEPTH IN	2295	
TOTAL FTG.	177	
TOTAL HR. RUN	9 3/4	
COND. OF BIT	0 5	
REAMER NO.		
REAMER TYPE		

MUD RECORD

TIME	5:00	2:00	10:00
WEIGHT	9.0	9.	9.
VISC.-SEC	50	49	47
W.L.-C.C.	8.9	9.	9.2
FL.TR. CK.	2/32	2/32	2/32
PH	7.6	7.6	7.
SD. CONT. %	DESANDER		
PRESSURE GRADIENT	U.F.	9.3	
	C.F.	8.3	

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.
DRILLER			

FOOTAGE 112

FROM	TO	DR.D RM.R CORE.C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	METHOD RUN SGL.-S PAR'EL-P COM'D-C
2360	2472	D			90	15	1300	5 1/2	51			
					90	10						

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
2356	6 3/4		2417	6 1/2				

TIME LOG

FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	4:15	1/4	RIG SERV
4:15	4:30	1/4	DRILL
4:30	4:45	1/4	SURVEY 2356
4:45	8:00	3 1/4	DRILL
8:00	8:15	1/4	SURVEY @ 2417
8:15	12:00	3 3/4	DRILL

APPROVED — APPROVED

A.A.O.D.C.--A.P.I. OFFICIAL DAILY DRILLING REPORT FORM

DAILY DRILLING REPORT — REPORT NO. 14 — DATE FEB 16

OPERATOR	LEASE	WELL NO.	FIELD OR DIST.	COUNTY	STATE
TRANS PRAIRIE PIPE LINES	TPPL ETAL CARCAJOU 527				

CONTRACTOR: Jennings International Drilling, Division of Pancana Industries Ltd. — RIG NO. 1

DRILL PIPE STRING: NO. 2, SIZE 4½ — TOOL JOINT 6 1/4 O.D. — TYPE THD. XH

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: Chas Elliott

PUMPS

NO.	MANUFACTURER	TYPE	STROKE LENGTH
1.	EMSCO	D700	14
2.	EMSCO	D500	16
3.			

LAST CASING, TUBING OR LINER

SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. TO CSG. HD.	SET AT	REMARKS
9 5/8	IBSCO	36 KS	15	615		612	

TIME DISTRIBUTION—HOURS

	MORN	DAY	EVE
RIG UP & TEAR DOWN			
DRILLING ACTUAL	7¼	7	7¼
REAMING			
CONDITIONING MUD & CIRCULATING			
TRIPS			
LUBRICATE RIG	¼	¼	¼
DEVIATION SURVEY	½	¼	½
TEST B.O.P.			
CUT OFF DRILLING LINE			
REPAIR RIG			
CORING			
WIRE LINE LOGGING			
RUNNING CASING & CEMENTING			
WAITING ON CEMENT			
DRILL STEM TEST			
OTHER		½	
FISHING			
COMPLETION WORK A. PERFORATING			
B. TUBING TRIPS			
C. SWABBING			
D. TESTING			
E. ADDITIONAL			
TOTALS	8	8	8

TIME SUMMARY (OFFICE USE ONLY)

DAY WORK		
HRS. W/DP		
HRS. WO/DP		
HRS. STANDBY		
TOTAL DAY WORK		

WIRE LINE RECORD

REEL NO.
NO. OF LINES — SIZE
FEET SLIPPED
FEET CUT OFF
PRESENT LENGTH
TON MI. OR TRIPS SINCE LAST CUT
CUMULATIVE TON MI. OR TRIPS
NO. OF DAYS FROM SPUD
CUMULATIVE ROTATING HRS.

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.		
16	STANDS D.P.	1451.14 FT.
2	SINGLES D.P.	FT.
2	D.C. 6 7/4 I.D. O.D.	60.35 FT.
14	D.C. 6 1/4 I.D. O.D.	411.41 FT.
2	STB. BODY 3 PT O.D.	12.47 FT.
4	STB. BODY PT O.D.	56.20 FT.
1	RMR. BODY LRT O.D.	8.35 FT.
2	SUBS 6 B.D.	3.91 FT.
1	BIT OR C.B.	.75 FT.
1	JAR	13.40 FT.
	KELLY DOWN	11.02 FT.
	TOTAL	2030 FT.

WT. OF STRING 74,000 LBS.

BIT RECORD

BIT NO.		6	
SIZE		8 3/4	
MFG.		HW	
TYPE		J 1 J44	
NOZZLE	NO.	10 11	
	SIZE		
SER. NO.		HA642	
DEPTH OUT			
DEPTH IN		1886	
TOTAL FTG.		144	
TOTAL HR. RUN		15	
COND. OF BIT			
REAMER NO.			
REAMER TYPE			

MUD RECORD

TIME	2:00	4:00	6:00
WEIGHT	8.7	8.7	8.7
VISC.-SEC	33	35	36
W.L.-C.C.	9.6	9.2	9.8
FLTR. CK.	2/32	3/32	2/32
PH	8.	8.	8.
SD. CONT. %	DESILTER		
PRESSURE GRADIENT	U.F.	10.2	
	O.F.	8.6	

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.
Gel	1800 #		
BEN-EX	10 #		
C.M.C.	50 #		

DRILLER: [illegible]

FOOTAGE 62

FROM	TO	DR.D RM.R CORE.C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	METHOD RUN SGL-S PAR-EL-P COMP-D
1968	2030	D		TH BOILERS IN OPERATION & HIGH	42	30	1300 5½	61				
				Fuel 6ft. -	42	25	1300					

DEVIATION RECORD	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
	1958	5 7/8		1988	5 7/8				

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12 00	12 15	¼	RIG SER
12 15	12 30	¼	SURVEY
12 30	4 00	3½	DRILL
4 00	4 15	¼	SURVEY @ 1988
4 15	8 00	3¾	DRILL

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.		
16	STANDS D.P.	1513.67 FT.
1	SINGLES D.P.	FT.
2	D.C. 6 3/4 I.D. O.D.	60.35 FT.
14	D.C. 6¼ I.D. O.D.	411.41 FT.
2	STB. BODY 3PT O.D.	12.47 FT.
4	STB. BODY PT O.D.	56.20 FT.
1	RMR. BODY RT O.D.	3.91 FT.
1	SUBS 6PT O.D.	8.35 FT.
1	BIT OR C.B.	.75 FT.
1	JAR	13.40 FT.
	KELLY DOWN	2110 FT.
	TOTAL	FT.

WT. OF STRING 75.000 LBS.

BIT RECORD

BIT NO.		6	
SIZE		8¾	
MFG.		HW	
TYPE		J44	
NOZZLE	NO.	2 1	
	SIZE	10 9	
SER. NO.		HA642	
DEPTH OUT			
DEPTH IN		1886	
TOTAL FTG.		224	
TOTAL HR. RUN		22	
COND. OF BIT		OB	
REAMER NO.			
REAMER TYPE			

MUD RECORD

TIME	8:00	11.30	3:00
WEIGHT	8.8	8.7	8.8
VISC.-SEC	47	35	35
W.L.-C.C.	9.5	9.6	5
FLTR. CK	2/32	2/32	2/32
PH	8	8	7.6
SD. CONT. %	DESANDER		
PRESSURE GRADIENT	U.F.	9.6	
	O.F.	8.7	

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.
GEL	1000 #		
BENEX	4 LBS.		

DRILLER: Louie Zak

FOOTAGE 80

FROM	TO	DR.D RM.R CORE.C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	METHOD RUN SGL-S PAR-EL-P COMP-D
2030	2110	D			42	25	1300	5½	51			
					42	30	400		32	LOW	IDLE	

DEVIATION RECORD	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
	2049	5¾							

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8.00	8:15	¼	RIG SERV (CHECK BOP & MOTOR KILLS
8:15	11:00	2¾	DRILL (CHECK ESCAPE BUGGEY)
11.00	11:15	¼	SURVEY
11:15	2:30	3¼	DRILL
2:30	3:00	½	CIRC SAMPLE at 2100
3:00	4:00	1	DRILL

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.		
17	STANDS D.P.	1604.99 FT.
2	SINGLES D.P.	FT.
2	D.C. 6¾ I.D. O.D.	60.35 FT.
14	D.C. 6¼ I.D. O.D.	411.41 FT.
2	STB. BODY O.D.	12.47 FT.
4	STB. BODY O.D.	56.20 FT.
	RMR. BODY O.D.	FT.
2	SUBS O.D.	3.91 FT.
1	BIT OR C.B.	.75 FT.
1	JARS	13.40 FT.
	KELLY DOWN	2117 FT.
	TOTAL	2194 FT.

WT. OF STRING 75,000 LBS.

BIT RECORD

BIT NO.		6	
SIZE		8¾	
MFG.		HW	
TYPE		J44	
NOZZLE	NO.	2 1	
	SIZE	10 9	
SER. NO.		HA642	
DEPTH OUT			
DEPTH IN		1886	
TOTAL FTG.		308	
TOTAL HR. RUN		29¼	
COND. OF BIT		OB	
REAMER NO.			
REAMER TYPE			

MUD RECORD

TIME	5.30	7:00	10:00
WEIGHT	8.9	8.9	8.9
VISC.-SEC	37	36	40
W.L.-C.C.	9.8	9.8	9.6
FLTR. CK	2/32	2/32	2/32
PH	7.6	8.	8.
SD. CONT. %	U.F.	9.4	
PRESSURE GRADIENT	O.F.	8.8	
	Desander		

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.
Gel	500 #		
BEN-EX	2 #		

DRILLER

FOOTAGE 84

FROM	TO	DR.D RM.R CORE.C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	METHOD RUN SGL-S PAR-EL-P COMP-D
2110	2194	D			45	15	1400	5½				
					42	25	1300	5½	51			

DEVIATION RECORD	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
	2112	5¾		2173	6°				

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	4:15	¼	RIG SERV
4:15	5:15	1	DRILL
5:15	5:30	¼	SURVEY 2112
5:30	1030	5	DRILL
1030	1045	1¼	SURVEY @ 2173
10.45	2.00	1¼	DRILL

APPROVED — APPROVED

A.A.O.D.C.—A.P.I. OFFICIAL DAILY DRILLING REPORT FORM

KODAK SAFETY FILM

DAILY DRILLING REPORT

REPORT NO. 15 DATE FEB 15

OPERATOR	LEASE	WELL NO.	FIELD OR DIST.	COUNTY	STATE
TRANS PRAIRIE PIPE LINES	TRAL ETAL CARCASON 527				

CONTRACTOR: Jennings International Drilling, Division of Pancana Industries Ltd. — RIG NO. 1

DRILL PIPE STRING NO. / SIZE — TOOL JOINT O.D. TYPE THD. XH

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: O.M. Elliott

PUMPS

NO.	MANUFACTURER	TYPE	STROKE LENGTH
1.	EMSCO	D700	14
2.	EMSCO	D500	16
3.			

LAST CASING TUBING OR LINER

SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. TO CSG. HD.	SET AT	REMARKS
9 5/8	IBSCO	36 K55	15	615		612	

TIME DISTRIBUTION—HOURS

	MORN	DAY	EVE
RIG UP & TEAR DOWN			
DRILLING ACTUAL			7 3/4
REAMING		5 1/4	
CONDITIONING MUD & CIRCULATING			
TRIPS		2 3/4	
LUBRICATE RIG		1/4	1/4
DEVIATION SURVEY		1/4	
TEST B.O.P.			
CUT OFF DRILLING LINE			
REPAIR RIG			
CORING			
WIRE LINE LOGGING			
RUNNING CASING & CEMENTING			
WAITING ON CEMENT			
DRILL STEM TEST			
OTHER			
FISHING			
COMPLETION WORK: A. PERFORATING			
B. TUBING TRIPS			
C. SWABBING			
D. TESTING			
E. ADDITIONAL			
TOTALS		8	8

TIME SUMMARY (OFFICE USE ONLY)

DAY WORK			
HRS. W/DP			
HRS. WO/DP			
HRS. STANDBY			

TOTAL DAY WORK

WIRE LINE RECORD

REEL NO.

NO. OF LINES SIZE

FEET SLIPPED

FEET CUT OFF

PRESENT LENGTH

TON MI. OR TRIPS SINCE LAST CUT

CUMULATIVE TON MI. OR TRIPS

NO. OF DAYS FROM SPUD

CUMULATIVE ROTATING HRS.

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			
13	STANDS D.P.	12325	FT.
1	SINGLES D.P.		FT.
2	D.C. 6 3/4 I.D. O.D.	60.35	FT.
14	D.C. 6 1/4 I.D. O.D.	411.41	FT.
2	STB. 3PT BODY O.D.	12.47	FT.
4	STB. 4PT BODY O.D.	56.20	FT.
1	RMR. 6PT BODY O.D.	8.35	FT.
2	SUBS C/O O.D.	3.91	FT.
1	BIT OR C.B.	.75	FT.
1	JAR	13.40	FT.
	KELLY DOWN	27.56	FT.
	TOTAL	1832	FT.

WT. OF STRING 72,000 LBS.

BIT RECORD

BIT NO.	6
SIZE	8 3/4
MFG.	HW
TYPE	XDV
NOZZLE NO.	2 1
NOZZLE SIZE	10 11
SER. NO.	U5746
DEPTH OUT	
DEPTH IN	1445
TOTAL FTG.	387
TOTAL HR. RUN	28 1/4
COND. OF BIT	OB
REAMER NO.	
REAMER TYPE	

MUD RECORD

TIME	2:00	4:00	6:15
WEIGHT	8.8	8.7	8.7
VISC.-SEC	34	33	34
W.L.-C.C.	27.4	27.6	27.6
FLTR. CK.	2/32	2/32	2/32
PH	11.5	11.5	11.5
SD. CONT. %	DESILTER		
PRESSURE GRADIENT	U.F.	12.2	
	O.F.	8.6	

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.
Gel	1200 #		
Bon-ex	4 #		

DRILLER: E. Adams

FOOTAGE 99

FROM	TO	DR.-D RM.-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	METHOD RUN SGL.-S PAR'EL-P COMP'D-C
1733	1832	D		1 OF 2 BOILERS INOP 24 hrs	95	30	1275	5 1/2	50			
				FUEL: 6 ft. 3 in.								

DEVIATION RECORD: DEPTH 1805 DEV. 5 1/4 — DIRECTION — DEPTH — DEV. — DIRECTION — DEPTH — DEV. — DIRECTION

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
1200	1215	1/4	RIG SER
1215	615	6	DRILL
615	630	1/4	SURVEY @ 1805
630	800	1 1/2	DRILL

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			
	STANDS D.P.	12971 9	FT.
	SINGLES D.P.		FT.
2	D.C. 6 3/4 I.D. O.D.	60.35	FT.
14	D.C. 6 1/4 I.D. O.D.	411.41	FT.
2	STB. 3PT BODY O.D.	12.47	FT.
4	STB. 4PT BODY O.D.	56.20	FT.
1	RMR. 6PT BODY O.D.	8.35	FT.
2	SUBS C/O O.D.	3.91	FT.
1	BIT OR C.B.	.75	FT.
1	JAR	13.46	FT.
	KELLY DOWN	20.97	FT.
	TOTAL	1886	FT.

WT. OF STRING 72,000 LBS.

BIT RECORD

BIT NO.	5
SIZE	8 3/4
MFG.	HW
TYPE	XDV
NOZZLE NO.	2 1
NOZZLE SIZE	10 11
SER. NO.	45946
DEPTH OUT	1886
DEPTH IN	1445
TOTAL FTG.	441
TOTAL HR. RUN	33 1/2
COND. OF BIT	2 1 1
REAMER NO.	
REAMER TYPE	

MUD RECORD

TIME	8.00	11.00	
WEIGHT	8.7	8.6	
VISC.-SEC	35	30	
W.L.-C.C.	28.	27.8	
FLTR. CK.	2/32	2/32	
PH	11.5	11.5	
SD. CONT. %	Desander		
PRESSURE GRADIENT	U.F.	12.2	
	O.F.	8.6	

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.
GEL	1000 #		
BENEX 4 LBS/C			

DRILLER: Lonnie Galt

FOOTAGE 54

FROM	TO	DR.-D RM.-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	METHOD RUN SGL.-S PAR'EL-P COMP'D-C
1832	1886	D			95	30	1275	5 1/2	50			

DEVIATION RECORD: DEPTH 1886 DEV. 5 1/2 — DIRECTION — DEPTH — DEV. — DIRECTION — DEPTH — DEV. — DIRECTION

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8:00	8:15	1/4	RIG SERV (CHECK BOPS)
8:15	1:30	5 1/4	DRILL
1:30	1:45	1/4	R SURVEY 1886
1:45	4:00	2 1/4	TRIP FOR BIT

(STRAP OUT 18650' TALLY 18660' CORRECTED 1.02)

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			
14	STANDS D.P.	13600 5	FT.
2	SINGLES D.P.		FT.
2	D.C. 6 3/4 I.D. O.D.	60.35	FT.
14	D.C. I.D. O.D.	411 41	FT.
2	STB. 3PT BODY O.D.	12.47	FT.
4	STB. 4PT BODY O.D.	56.20	FT.
1	RMR. 6PT BODY O.D.	8.35	FT.
2	SUBS C/O O.D.	3.91	FT.
1	BIT OR C.B.	.75	FT.
1	JAR	13.40	FT.
	KELLY DOWN	27.00	FT.
	TOTAL	1968	FT.

WT. OF STRING 72,000 LBS.

BIT RECORD

BIT NO.	6
SIZE	HW
MFG.	8 3/4
TYPE	J44
NOZZLE NO.	2 1
NOZZLE SIZE	10 11
SER. NO.	HA642
DEPTH OUT	
DEPTH IN	1886
TOTAL FTG.	82
TOTAL HR. RUN	7 3/4
COND. OF BIT	
REAMER NO.	
REAMER TYPE	

MUD RECORD

TIME	5:00	7:00	10:40
WEIGHT	8.6	8.6+	8.7
VISC.-SEC	35	34	33
W.L.-C.C.	27.5	9.6	9.8
FLTR. CK.	2/32	2/32	2/32
PH	11.5	7.	7.
SD. CONT. %	DESANDER		
PRESSURE GRADIENT	U.F.	12.1	
	O.F.	8.5	

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.
CMC	150		

DRILLER:

FOOTAGE 82

FROM	TO	DR.-D RM.-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	METHOD RUN SGL.-S PAR'EL-P COMP'D-C
1886	1968				46	30	1400	5 1/2	55			
					42		1300		51			

DEVIATION RECORD — DEPTH — DEV. — DIRECTION — DEPTH — DEV. — DIRECTION — DEPTH — DEV. — DIRECTION

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	4:15	1/4	RIG SERV
4:15	1200	7 3/4	DRILL

APPROVED APPROVED

A.A.O.D.C.—A.P.I. OFFICIAL DAILY DRILLING REPORT FORM

DAILY DRILLING REPORT

REPORT NO. 14 DATE Feb 14/74

OPERATOR	LEASE	WELL NO.	FIELD OR DIST.	COUNTY	STATE
T PRAIRIE PUB. LIBS	T PRAIRIE CARCAJOU 527		CARCAJOU		

CONTRACTOR: Jennings International Drilling, Division of Pancana Industries Ltd. — RIG NO. 1

DRILL PIPE STRING: NO. 2, SIZE 4½ — TOOL JOINT 6 4/4 O.D. — TYPE THD. X H

SIGNATURE OF OPERATOR'S REPRESENTATIVE:

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: Orm Ehrott

PUMPS

NO.	MANUFACTURER	TYPE	STROKE LENGTH
1.	EMSCO	D700	16
2.	EMSCO	D500	16
3.			

LAST CASING TUBING OR LINER

SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. TO CSG. HD.	SET AT	REMARKS
9⅝	IPSCO	36/K55	15	615		612	700 SKS CEMENT 3% CALCIUM

TIME DISTRIBUTION—HOURS

	MORN	DAY	EVE
RIG UP & TEAR DOWN			
DRILLING ACTUAL		7¾	
REAMING			
CONDITIONING MUD & CIRCULATING			
TRIPS			
LUBRICATE RIG	¼	¼	¼
DEVIATION SURVEY	½	½	
TEST B.O.P.			
CUT OFF DRILLING LINE			
REPAIR RIG			
CORING			
WIRE LINE LOGGING			
RUNNING CASING & CEMENTING			
WAITING ON CEMENT			
DRILL STEM TEST			
OTHER			
FISHING			
COMPLETION WORK: A. PERFORATING			
B. TUBING TRIPS			
C. SWABBING			
D. TESTING			
E. ADDITIONAL			
TOTALS		8	

TIME SUMMARY (OFFICE USE ONLY)

DAY WORK			
HRS. W/DP			
HRS. WO/DP			
HRS. STANDBY			
TOTAL DAY WORK			

WIRE LINE RECORD

REEL NO.

NO. OF LINES — SIZE

FEET SLIPPED

FEET CUT OFF

PRESENT LENGTH

TON MI. OR TRIPS SINCE LAST CUT

CUMULATIVE TON MI. OR TRIPS

NO. OF DAYS FROM SPUD

CUMULATIVE ROTATING HRS.

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.		
10	STANDS D.P.	93150 FT.
	SINGLES D.P.	FT.
2	D.C. 6 3/4 I.D. O.D.	6035 FT.
14	D.C. 6 1/4 I.D. O.D.	411 41 FT.
2	STB. 3 PT BODY O.D.	12 47 FT.
4	STB. 8 PT BODY O.D.	5620 FT.
1	RMR. GRT BODY O.D.	8.35 FT.
2	SUBS C/O O.D.	3.91 FT.
1	BIT OR C.B.	.75 FT.
1	JAR	13 40 FT.
	KELLY DOWN	41 00 FT.
	TOTAL	1539 FT.
WT. OF STRING		67000 LBS.

BIT RECORD

BIT NO.		5
SIZE		8 3/4
MFG.		HW
TYPE		XDV
NOZZLE	NO.	2 1
	SIZE	10 11
SER. NO.		457146
DEPTH OUT		
DEPTH IN		1445
TOTAL FTG.		94
TOTAL HR. RUN		6
COND. OF BIT		OB
REAMER NO.		
REAMER TYPE		

MUD RECORD

TIME	8:00	4:00	6:00
WEIGHT	8.4	8.5	8.7
VISC.-SEC	28	29	35
W.L.-C.C.			16.
FLTR. CK.			
PH	10.5	10.5	11.
SD. CONT. %	DESILTER		
PRESSURE GRADIENT	U.F.		10.4
	O.F.		8.7

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.
GEL	5000#		
BENEX	20#		
COSTIC	50#		
DRILLER	G Ashcroft		

FOOTAGE 94

FROM	TO	DR.D RM.R CORE.C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	METHOD RUN SGL.-S PAR'EL-P CON'D-C
1445	1539			DII BOILERS IN OPERATION 24 HOURS FUEL 5'3"	93	30	1250	5½	50			

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
1457	5½°		1500	5½°		1529		

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12 00	12 15	¼	RIG SER (SHS ~~900~~ DRILL 2¼ HRS ~~SHS 900-4 SURVEY~~)
12 15	12 45	½	FINNISH TIGHTENING SWIVEL
12 45	1 15	½	RUN IN W/BIT NO 5
1 15	1 30	¼	CLEAN 30' TO BOTTOM
1 30	3 15	1¾	DRILL 8¾ HOLE
3 15	3 30	¼	SURVEY @ 1457
3 30	5 30	2	DRILL
5 30	5 45	¼	SURVEY @ 1500

DESILTER U.F. 10.4 O.F. 8.7

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.		
11	STANDS D.P.	105492 FT.
1	SINGLES D.P.	FT.
2	D.C. 6 3/4 I.D. O.D.	6035 FT.
14	D.C. 6 1/4 I.D. O.D.	411 41 FT.
2	STB. 3 PT BODY O.D.	12 47 FT.
4	STB. 8 PT BODY O.D.	5620 FT.
1	RMR. GRT BODY O.D.	8.35 FT.
2	SUBS C/O O.D.	3.91 FT.
1	BIT OR C.B.	.75 FT.
1	JAR	13 40 FT.
	KELLY DOWN	26.68 FT.
	TOTAL	16 48 FT.
WT. OF STRING		68000 LBS.

BIT RECORD

BIT NO.		5
SIZE		8 3/4
MFG.		HW
TYPE		XDV
NOZZLE	NO.	2 1
	SIZE	10 11
SER. NO.		457146
DEPTH OUT		1144
DEPTH IN		1445
TOTAL FTG.		203
TOTAL HR. RUN		13¼
COND. OF BIT		
REAMER NO.		
REAMER TYPE		

MUD RECORD

TIME	8 00	11.00	3 00
WEIGHT	8.6	8.6	8.4
VISC.-SEC	35	30	35
W.L.-C.C.			
FLTR. CK.			
PH	11.5	12.	11.5
SD. CONT. %	DESANDER		
PRESSURE GRADIENT	U.F.	10.1	9.4
	O.F.	8.6	8.3

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.
GEL	1500#		
BENEX	6#		
SODA ASH	300#		
DRILLER	Louis Zolk		

FOOTAGE 109

FROM	TO	DR.D RM.R CORE.C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	METHOD RUN SGL.-S PAR'EL-P CON'D-C
1539	1648	D			93	30	1250	5½	50			

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
1561	5½		1620	5½				

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8:00	8:15	¼	RIG SERV (CHECK BOPS)
8:15	9:30	1¼	DRILL 8¾ HOLE
9:30	9:45	¼	SURVEY AT 1561
9:45	2:30	4¾	DRILL
2:30	2:45	¼	SURVEY AT 1620
2:45	4:00	1¼	DRILL

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.		
12	STANDS D.P.	114547 FT.
1	SINGLES D.P.	FT.
2	D.C. 6 3/4 I.D. O.D.	6035 FT.
14	D.C. 6 1/4 I.D. O.D.	411 41 FT.
2	STB. 3 PT BODY O.D.	12.47 FT.
4	STB. 8 PT BODY O.D.	56.20 FT.
1	RMR. GRT BODY O.D.	8.35 FT.
2	SUBS C/O O.D.	3.91 FT.
1	BIT OR C.B.	.75 FT.
1	JARS	13 40 FT.
	KELLY DOWN	19.68 FT.
	TOTAL	1733 FT.
WT. OF STRING		70,000 LBS.

BIT RECORD

BIT NO.		5
SIZE		8 3/4
MFG.		HW
TYPE		XDV
NOZZLE	NO.	2 1
	SIZE	10 11
SER. NO.		457146
DEPTH OUT		1445
DEPTH IN		1445
TOTAL FTG.		288
TOTAL HR. RUN		20¾
COND. OF BIT		OB
REAMER NO.		
REAMER TYPE		

MUD RECORD

TIME	5 00	8 00	10:30
WEIGHT	8.6	8.7	8.8
VISC.-SEC	38	37	35
W.L.-C.C.	27.2	27.4	27.4
FLTR. CK.			
PH	11	11	11.5
SD. CONT. %	DESANDER		
PRESSURE GRADIENT	U.F.	9.8	
	O.F.	8.5	

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.
DRILLER			

FOOTAGE 85

FROM	TO	DR.D RM.R CORE.C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	METHOD RUN SGL.-S PAR'EL-P CON'D-C
1648	1733	D			93	30	1250	5½	50			

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
1713	5½							

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	4:15	¼	RIG SERV
4:15	10:15	6	DRILL 8¾ HOLE
10:15	10:30	¼	SURVEY @ 1713
10:30	12:00	1½	DRILL

APPROVED — APPROVED

A.A.O.D.C.—A.P.I. OFFICIAL DAILY DRILLING REPORT FORM

DAILY DRILLING REPORT

REPORT NO. 13 DATE FEB 13/74

OPERATOR: TRANS-PRAIRIE PIPE LINE

LEASE: TPPL ETAL CARCAJOU J-27

WELL NO. J-27 | FIELD OR DIST. CARCAJOU | COUNTY | STATE NWT

CONTRACTOR: Jennings International Drilling, Division of Pancana Industries Ltd.

RIG NO. ONE

DRILL PIPE STRING NO. 4 SIZE 4½ | TOOL JOINT 6¼ O.D. | TYPE THD. X11

SIGNATURE OF OPERATOR'S REPRESENTATIVE: A STACK

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: CM Gilbert

PUMPS

NO.	MANUFACTURER	TYPE	STROKE LENGTH
1.	EMSCO	D-700	16"
2.	EMSCO	D-500	16"
3.			

LAST CASING TUBING OR LINER

SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. TO CSG. HD.	SET AT	REMARKS
9⅝	SSSOW	36/HS	15	615		612	700 SKS CEMENT
							3% CACL

TIME DISTRIBUTION—HOURS

	MORN	DAY	EVE
RIG UP & TEAR DOWN			
DRILLING ACTUAL	3½		
REAMING			
CONDITIONING MUD & CIRCULATING			
TRIPS	3¾		
LUBRICATE RIG	¼	¼	¼
DEVIATION SURVEY	½		
TEST B.O.P.			
CUT OFF DRILLING LINE			
REPAIR RIG			
CORING			
WIRE LINE LOGGING			
RUNNING CASING & CEMENTING			
WAITING ON CEMENT			
DRILL STEM TEST			
OTHER			
FISHING			
COMPLETION WORK A. PERFORATING			
B. TUBING TRIPS			
C. SWABBING			
D. TESTING			
E. ADDITIONAL			
TOTALS	8	8	8

TIME SUMMARY (OFFICE USE ONLY)

DAY WORK | HRS. W/DP | HRS. WO/DP | HRS. STANDBY | TOTAL DAY WORK

WIRE LINE RECORD

REEL NO. | NO. OF LINES 8 SIZE 1⅛ | FEET SLIPPED | FEET CUT OFF | PRESENT LENGTH | TON MI. OR TRIPS SINCE LAST CUT | CUMULATIVE TON MI. OR TRIPS | NO. OF DAYS FROM SPUD 13 | CUMULATIVE ROTATING HRS.

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.		
6	STANDS D.P.	7445.2 FT.
	SINGLES D.P.	FT.
2	D.C. 6¾ I.D. O.D.	60.35 FT.
14	D.C. 6¾ I.D. O.D.	411.41 FT.
2	STB. 3 PT. BODY O.D.	12.47 FT.
4	STB. SPIRAL BODY O.D.	56.20 FT.
1	RMR. SPIRAL BODY O.D.	8.35 FT.
2	SUBS O.D.	3.91 FT.
1	BIT OR C.B.	.75 FT.
1	JARS	13.40 FT.
	KELLY DOWN	40.64 FT.
	TOTAL	1352 FT.

WT. OF STRING 65,000 LBS.

BIT RECORD

BIT NO.	4
SIZE	8¾
MFG.	HW
TYPE	XDV
NOZZLE NO.	21
NOZZLE SIZE	10 9
SER. NO.	51825
DEPTH OUT	
DEPTH IN	1189
TOTAL FTG.	164
TOTAL HR. RUN	14¾
COND. OF BIT	0.B
REAMER NO.	
REAMER TYPE	

MUD RECORD

TIME	10⁰⁰	5⁰⁰	7⁰⁰
WEIGHT	8.4	8.4	8.4
VISC.-SEC	27	27	27
W.L.-C.C.			
FLTR. CK.			
PH	10.5	10.5	10.5
SD. CONT. %			
PRESSURE GRADIENT	UNDER FLOW 9.6		
	DESILTER OVER FLOW 8.4		

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.

DRILLER R. Lestus

FOOTAGE 47

FROM	TO	DR. D RM. R CORE C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	METHOD RUN SGL-S PAR'EL-P COM'D-C
1305	1352	D			100	10M	1300	5½	52			
		#1	#2	BOILERS IN OPERATION 24 HRS/DAY								
				FUEL 5½'								

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
1310	5¼		1342	5¼				

TIME LOG

FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12⁰⁰	12¹⁵	¼	RIG SERVICE + CHECK BOPS
12¹⁵	12³⁰	¼	DRILL 8¾" HOLE
12³⁰	12⁴⁵	¼	SURVEY @ 1310
12⁴⁵	2⁰⁰	1¼	~~DRILL 8¾" HOLE~~ TRIP OUT OF HOLE TO RETRIEVE
2⁰⁰	4³⁰	2½	TRIP TO Bottom WORK PIPE THROUGH SURVEY BARREL
4³⁰	7⁴⁵	3¼	DRILL 8¾" HOLE TIGHT SPOT IN CASING 607'
7⁴⁵	8⁰⁰	¼	SURVEY @ 1342 SAFETY MEETING HELD
			BLOW-out DRILL EVERYONE O.K.

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.		
9	STANDS D.P.	8322.0 FT.
	SINGLES D.P.	FT.
2	D.C. 6¾ I.D. O.D.	60.35 FT.
14	D.C. 6¾ I.D. O.D.	411.41 FT.
2	STB. SPIRAL BODY O.D.	12.47 FT.
4	STB. BODY O.D.	56.20 FT.
1	RMR. SPIRAL BODY O.D.	8.35 FT.
2	SUBS O.D.	3.91 FT.
1	BIT OR C.B.	.75 FT.
		FT.
	KELLY DOWN	19.46 FT.
	TOTAL	1425 FT.

WT. OF STRING 67,000 LBS.

BIT RECORD

BIT NO.	H
SIZE	8¾
MFG.	HW
TYPE	XDV
NOZZLE NO.	21
NOZZLE SIZE	10 9
SER. NO.	51825
DEPTH OUT	
DEPTH IN	1189
TOTAL FTG.	236
TOTAL HR. RUN	22
COND. OF BIT	OB
REAMER NO.	
REAMER TYPE	

MUD RECORD

TIME	10⁰⁰	12⁰⁰	2:00
WEIGHT	8.5	8.5	8.4
VISC.-SEC	28	28	28.
W.L.-C.C.			
FLTR. CK.			
PH	10.5	10.5	10.5
SD. CONT. %	DESILTER		
PRESSURE GRADIENT	U.F. 9.3#		
	O.F. 8.3#		

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.

DRILLER T. Schiwa

FOOTAGE 73

FROM	TO	DR. D RM. R CORE C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	METHOD RUN SGL-S PAR'EL-P COM'D-C
1352	1425	D			90/100	30	1300	5½	52			

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
1371	5½°		1394	5½				

TIME LOG

FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8⁰⁰	8¹⁵	¼	RIG SER & CHECK BOPS
8¹⁵	11³⁰	3¼	DRILL 8¾ HOLE
11³⁰	11⁴⁵	¼	SURVEY @ 1371
11⁴⁵	1⁴⁵	2	DRILL
1⁴⁵	2⁰⁰	¼	WIRELINE SURVEY @ 1394
2⁰⁰	4⁰⁰	2	~~TRIP FOR BIT~~ DRILL

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.		
9	STANDS D.P.	837.70 FT.
1	SINGLES D.P.	31.43 FT.
2	D.C. 6¾ I.D. O.D.	60.35 FT.
14	D.C. 6¼ I.D. O.D.	411.41 FT.
2	STB. SPIRAL BODY O.D.	12.47 FT.
4	STB. BODY O.D.	56.20 FT.
1	RMR. SPIRAL BODY O.D.	8.35 FT.
2	SUBS O.D.	3.91 FT.
1	BIT OR C.B.	.75 FT.
		FT.
	KELLY DOWN	41.50 FT.
	TOTAL	1445 FT.

WT. OF STRING 67,000 LBS.

BIT RECORD

BIT NO.	4	5
SIZE	8¾	8¾
MFG.	HW	HW
TYPE	XDV	XDV
NOZZLE NO.	21	21
NOZZLE SIZE	10 9	10 9
SER. NO.	51825	45746
DEPTH OUT	1445	
DEPTH IN	1189	1445
TOTAL FTG.	256	
TOTAL HR. RUN	23¾	
COND. OF BIT	311	
REAMER NO.		
REAMER TYPE		

MUD RECORD

TIME	4:00		
WEIGHT	8.4		
VISC.-SEC	27		
W.L.-C.C.			
FLTR. CK			
PH			
SD. CONT. %			
PRESSURE GRADIENT			

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.

DRILLER Louie Zalk

FOOTAGE 20

FROM	TO	DR. D RM. R CORE C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	METHOD RUN SGL-S PAR'EL-P COM'D-C
1425	1445				90/100	30	1300	5½	52			

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
1435	5½							

TIME LOG

FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	4:15	¼	RIG SERVICE
4:15	6:00	1¾	DRILL
6:00	6:15	¼	SURVEY
6:15	8:00	1¾	TRIP FOR SURVEY & CHANGE BIT
8:00	12:00	4	CHANGE VALVE ON BOPS & REPACK SWIVEL

APPROVED APPROVED

A.A.O.D.C.—A.P.I. OFFICIAL DAILY DRILLING REPORT FORM

DAILY DRILLING REPORT

REPORT NO. 12 DATE FEB 12/74

OPERATOR	LEASE	WELL NO.	FIELD OR DIST.	COUNTY	STATE
TRANSPRAIRIE PIPELINE	TPPL ETAL CARCAJOU	3-27	CARCAJOU		N W T

CONTRACTOR: Jennings International Drilling, Division of Pancana Industries Ltd. — RIG NO. 1

DRILL PIPE STRING: NO. 4½ SIZE — TOOL JOINT 6¼ O.D. — TYPE THD. XH

SIGNATURE OF OPERATOR'S REPRESENTATIVE: George Yak. — SIGNATURE OF CONTRACTOR'S TOOL PUSHER: Joe Lukasewich

PUMPS

NO.	MANUFACTURER	TYPE	STROKE LENGTH
1.	EMSCO	D-700	16
2.	EMSCO	D-500	16
3.			

LAST CASING TUBING OR LINER

SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. TO CSG. HD.	SET AT	REMARKS
9⅝	TBSOW	36/K55	15	615		612	700 SKS CEMENT 3% CACL

TIME DISTRIBUTION—HOURS

	MORN	DAY	EVE
RIG UP & TEAR DOWN			
DRILLING ACTUAL	12		7
REAMING			
CONDITIONING MUD & CIRCULATING			
TRIPS			
LUBRICATE RIG	¼	¼	¼
DEVIATION SURVEY	¼		¾
TEST B.O.P.			
CUT OFF DRILLING LINE			
REPAIR RIG			
CORING			
WIRE LINE LOGGING			
RUNNING CASING & CEMENTING			
WAITING ON CEMENT			
DRILL STEM TEST			
OTHER			
FISHING			
COMPLETION WORK: A. PERFORATING			
B. TUBING TRIPS			
C. SWABBING			
D. TESTING			
E. ADDITIONAL			
TOTALS	8	8	8

TIME SUMMARY (OFFICE USE ONLY)

DAY WORK

HRS. W/DP

HRS. WO/DP

HRS. STANDBY

TOTAL DAY WORK

WIRE LINE RECORD

REEL NO.

NO. OF LINES 96 SIZE 1/4

FEET SLIPPED

FEET CUT OFF

PRESENT LENGTH

TON MI. OR TRIPS SINCE LAST CUT

CUMULATIVE TON MI. OR TRIPS

NO. OF DAYS FROM SPUD 12

CUMULATIVE ROTATING HRS.

MORNING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR	
6	STANDS D.P.	560.12 FT.
1	SINGLES D.P.	31.72 FT.
2	D.C. 6 3/8 I.D. O.D.	60.35 FT.
14	D.C. 6¼ I.D. O.D.	411.41 FT.
4	STB. 5¾ BODY O.D.	56.20 FT.
1	STB. 4¾ BODY O.D.	30.0 FT.
1	RMR. 3¾ BODY O.D.	16.34 FT.
2	SUBS O.D.	39.1 FT.
1	BIT OR C.B.	.75 FT.
1	JARS	13.40 FT.
	KELLY DOWN	40.20 FT.
	TOTAL	1186.07 FT.
WT. OF STRING	60,000 LBS.	

BIT RECORD

BIT NO.	3
SIZE	8¾
MFG.	HW
TYPE	X1C
NOZZLE NO.	3
NOZZLE SIZE	10
SER. NO.	44609
DEPTH OUT	
DEPTH IN	1075
TOTAL FTG.	113
TOTAL HR. RUN	17
COND. OF BIT	0/B
REAMER NO.	
REAMER TYPE	

MUD RECORD

TIME	100	400	600
WEIGHT	8.4	8.4	8.4
VISC.-SEC	27	27	27
W.L.-C.C.			
FLTR. CK.			
PH	12.0	12.0	12.0
SD. CONT. %			
PRESSURE GRADIENT DESITY	UNDER FLOW - 8.4		
	OVER FLOW - 8.9		

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.

DRILLER R. Lestus

FOOTAGE 60

FROM	TO	DR.-D RM.-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	METHOD RUN SGL.-S PAR'EL-P COM'D-C
1128	1188	D			100	6M	1100	5½	50			
				FUEL 6'								
				DESHER 10% OPERATION 24 HRS/DAY								

DEVIATION RECORD	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
	1147	4 7/8							

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
1200	1215	¼	RIG SERVICE & CHECK BOPS
1215	315	3	DRILL 8¾" HOLE
315	330	¼	SURVEY @ 1147
330	800	4½	DRILL 8¾" HOLE

DAY TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR	
6	STANDS D.P.	623.88 FT.
2	SINGLES D.P.	FT.
2	D.C. 6 3/4 I.D. O.D.	60.35 FT.
14	D.C. 6¼ I.D. O.D.	411.41 FT.
4	STB. BODY O.D.	56.20 FT.
2	STB. 3¾ BODY O.D.	18.47 FT.
1	RMR. 6¼ BODY O.D.	8.35 FT.
1	SUBS JARS	13.40 FT.
1	BIT OR C.B.	.75 FT.
2	4.0	3.91 FT.
	KELLY DOWN	27.28 FT.
	TOTAL	1218 FT.
WT. OF STRING	62,000 LBS.	

BIT RECORD

BIT NO.	3	4
SIZE	8 3/4	8 3/4
MFG.	HW	HW
TYPE	X1C	XDU
NOZZLE NO.	3	2 1
NOZZLE SIZE	10/32	10 9
SER. NO.	44609	51825
DEPTH OUT	1189	
DEPTH IN	1075	1189
TOTAL FTG.	114	30
TOTAL HR. RUN	18	4 1/4
COND. OF BIT	2 1 1	
REAMER NO.		
REAMER TYPE		

MUD RECORD

TIME	10:00	12:00	2:00
WEIGHT	T		8.4
VISC.-SEC	R		27
W.L.-C.C.	1		
FLTR. CK.		P	
PH			10.5
SD. CONT. %	DESILTER		
PRESSURE GRADIENT	U.F. 8.9		
	O.F. 8.4		

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.

DRILLER G. Stevens

FOOTAGE 30

FROM	TO	DR.-D RM.-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	METHOD RUN SGL.-S PAR'EL-P COM'D-C
1188	1218				100	9M	1300	5½	52	5"		

DEVIATION RECORD	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
	1178	4 7/8							

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
800	815	¼	RIG SER & CHECK BOPS
815	830	¼	SURVEY @ 1178
830	930	1	DRILL 8¾" HOLE
930	1030	1	HOIST FI BIT
1030	1100	½	PICK UP 6PT & 3PT DRILCO REAMERS. CHECK BUMP SUB OK (19") CHECK BLIND RAMS
1100	1145	¾	RUN IN W/ BIT HANG UP @ 60' 2 TURNS DRILL
1145	1400	2¼	DRILL

EVENING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR	
7	STANDS D.P.	FT.
2	SINGLES D.P.	712.94 FT.
14	D.C. 6¾ I.D. O.D.	411.41 FT.
2	D.C. 6¼ I.D. O.D.	60.35 FT.
2	STB. BODY O.D.	12.47 FT.
4	STB. BODY O.D.	56.20 FT.
1	RMR. BODY O.D.	8.35 FT.
2	SUBS O.D.	3.91 FT.
1	BIT OR C.B.	.75 FT.
1	JARS	13.40 FT.
	KELLY DOWN	25.72 FT.
	TOTAL	1305.05 FT.
WT. OF STRING	64000 LBS.	

BIT RECORD

BIT NO.	4
SIZE	8¾
MFG.	HW
TYPE	XDU
NOZZLE NO.	2 1
NOZZLE SIZE	10 9
SER. NO.	51825
DEPTH OUT	
DEPTH IN	1189
TOTAL FTG.	117
TOTAL HR. RUN	11¼
COND. OF BIT	0.13
REAMER NO.	
REAMER TYPE	

MUD RECORD

TIME	6:00	8:00	11:00
WEIGHT	8.4	8.4	8.4
VISC.-SEC	27	27	27
W.L.-C.C.			
FLTR. CK			
PH	10.5	10.5	10.5
SD. CONT. %			
PRESSURE GRADIENT	U. Flow 8.9		
	O Flow - 8.4		

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.

DRILLER R. Lestus

FOOTAGE 87

FROM	TO	DR.-D RM.-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	METHOD RUN SGL.-S PAR'EL-P COM'D-C
1218	1305	D			100	12M	1300	5½	53			
					95	10M	1300	5½	53			

DEVIATION RECORD	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
	1220	4 7/8		1251	5°		1281	5°	

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
400	415	¼	RIG SER
415	515	1	DRILL
515	530	¼	SURVEY @ 1220
530	830	3	DRILL
830	845	¼	SURVEY @ 1251
			Rig inspection by Conservation Engineer G.D. Wood
845	1100	2¼	DRILL 8¾" HOLE
1100	1115	¼	SURVEY @ 1281

Motor shut-offs checked OK.

APPROVED (AD) APPROVED (OGC)

A.A.O.D.C.--A.P.I. OFFICIAL DAILY DRILLING REPORT FORM

DAILY DRILLING REPORT

REPORT NO. 11 DATE FEB 11/74

OPERATOR	LEASE	WELL NO.	FIELD OR DIST.	COUNTY	STATE
TRANS-PRAIRIE PIPE LINE	TPPL ETAL CARCAJOU	S-27	CARCAJOU		N.W.T.

CONTRACTOR: Jennings International Drilling, Division of Pancana Industries Ltd. — RIG NO. 1

DRILL PIPE STRING: NO. 4 SIZE 4½ — TOOL JOINT 6¼ O.D. — TYPE THD. XH

SIGNATURE OF OPERATOR'S REPRESENTATIVE: George York

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: Joe Lukaszewich

PUMPS

NO.	MANUFACTURER	TYPE	STROKE LENGTH
1.	EMSCO	D-700	16
2.	EMSCO	D-500	16
3.			

LAST CASING TUBING OR LINER

SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. TO CSG. HD.	SET AT	REMARKS
9⅝	IBSCO	36/K55	15	615		612	700 SKS CEMENT
							3% CACL

TIME DISTRIBUTION - HOURS

	MORN	DAY	EVE
RIG UP & TEAR DOWN			
DRILLING ACTUAL	7¼		7¼
REAMING			
CONDITIONING MUD & CIRCULATING			
TRIPS			
LUBRICATE RIG	¼	¼	¼
DEVIATION SURVEY	½		½
TEST B.O.P.			
CUT OFF DRILLING LINE			
REPAIR RIG			
CORING			
WIRE LINE LOGGING			
RUNNING CASING & CEMENTING			
WAITING ON CEMENT			
DRILL STEM TEST			
OTHER			
FISHING			
COMPLETION WORK A. PERFORATING			
B. TUBING TRIPS			
C. SWABBING			
D. TESTING			
E. ADDITIONAL			
TOTALS	8	8	8

TIME SUMMARY (OFFICE USE ONLY)

DAY WORK			
HRS. W/DP			
HRS. WO/DP			
HRS. STANDBY			
TOTAL DAY WORK			

WIRE LINE RECORD

REEL NO.	
NO. OF LINES 8	SIZE 1/8
FEET SLIPPED	
FEET CUT OFF	
PRESENT LENGTH	
TON MI. OR TRIPS SINCE LAST CUT	
CUMULATIVE TON MI. OR TRIPS	
NO. OF DAYS FROM SPUD	11
CUMULATIVE ROTATING HRS.	

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.		
5	STANDS D.P.	467.54 FT.
	SINGLES D.P.	FT.
2	D.C. 6¾ I.D. O.D.	60.35 FT.
14	D.C. 6¼ I.D. O.D.	411.41 FT.
4	STB. SPI BODY O.D.	56.20 FT.
2	STB. 3PT BODY O.D.	12.47 FT.
1	RMR. 6PT BODY O.D.	8.35 FT.
2	SUBS 4½ O.D.	3.91 FT.
	BIT OR C.B.	.75 FT.
1	JARS	13.40 FT.
1	KELLY DOWN	25.61 FT.
	TOTAL	1060 FT.
	WT. OF STRING	60,000 LBS.

BIT RECORD

BIT NO.	2	
SIZE	8¾	
MFG.	HW	
TYPE	X16	
NOZZLE NO.	3	
NOZZLE SIZE	10	
SER. NO.	63587	
DEPTH OUT		
DEPTH IN	677	
TOTAL FTG.	383	
TOTAL HR. RUN	28¼	
COND. OF BIT	0/13	
REAMER NO.		
REAMER TYPE		

MUD RECORD

TIME	1:00	3:00	5:00
WEIGHT	8.6	8.5	8.5
VISC.-SEC	28	28	28
W.L.-C.C.			
FLTR. CK.			
PH	12	12.	12.0
SD. CONT. %			
PRESSURE GRADIENT	U. Flow -9.4		4+9.4
	1" Over Flow -8.6		Ouf. 8.5

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.

DRILLER: R. Lester

FOOTAGE 56 — DR. D RM. R CORE. C

FROM	TO	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD RUN SGL. S PAR'EL-P COMP'D-C
1004	1060	D		100	7M	1050	5½	50			
					10M						
			FUEL 4'10"								

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
1002	4¾°		1034	4¾°				

TIME LOG

FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12⁰⁰	12¹⁵	¼	RIG SERV. + CHECK BOPS
12¹⁵	12⁴⁵	½	DRILL 8¾" HOLE
12⁴⁵	1⁰⁰	¼	SURVEY @ 1002'
1⁰⁰	5⁰⁰	4	DRILL 8¾" HOLE
5⁰⁰	5¹⁵	¼	SURVEY @ 1034'
5¹⁵	8⁰⁰	2¾	DRILL 8¾" HOLE

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.		
5	STANDS D.P.	499.05 FT.
1	SINGLES D.P.	FT.
2	D.C. 6¾ I.D. O.D.	60.35 FT.
14	D.C. 6¼ I.D. O.D.	411.41 FT.
1	BHOT SUB	3.00 FT.
4	STB. BODY O.D.	56.20 FT.
2	STB. 3PT BODY O.D.	12.47 FT.
1	RMR. BODY O.D.	8.35 FT.
2	SUBS 4½ O.D.	3.91 FT.
1	BIT OR C.B.	.75 FT.
1	SAR	13.40 FT.
	KELLY DOWN	31.00 FT.
	TOTAL	1085 FT.
	WT. OF STRING	60,000 LBS.

BIT RECORD

BIT NO.	2	3
SIZE	8¾	8¾
MFG.	HW	HW
TYPE	X16	X1C
NOZZLE NO.	3	3
NOZZLE SIZE	10	10
SER. NO.	63587	44609
DEPTH OUT	1075	
DEPTH IN	677	1075
TOTAL FTG.	398	10
TOTAL HR. RUN	29¼	2¼
COND. OF BIT	411	OB
REAMER NO.		
REAMER TYPE		

MUD RECORD

TIME	10:00	12:00	2:00
WEIGHT	T		8.4
VISC.-SEC	R		27
W.L.-C.C.	1		
FLTR. CK.		P	
PH		P	8.
SD. CONT. %		1	
PRESSURE GRADIENT		N	
		C	

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.

DRILLER: E. Adams

FOOTAGE 25 — DR. D RM. R CORE. C

FROM	TO	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD RUN SGL. S PAR'EL-P COMP'D-C
1060	1085	D		90-100	7M	1100	5½	50			
				90-100	10M	1100	5½	50			

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
1065	4⅞							

TIME LOG

FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8⁰⁰	8¹⁵	¼	RIG SER & CHECK BOPS
8¹⁵	9¹⁵	1	DRILL 8¾ HOLE
9¹⁵	9³⁰	¼	SURVEY @ 1065
9³⁰			HOIST F/BIT. CHECK JARS OK. LAY DOWN 6PT
	11³⁰	2	AND 3 PT REAMER, CHECK BLIND RAMS
11³⁰	1⁴⁵	2¼	RUN IN W/ BIT, BIT HUNG UP @ 607'
			WORK SAME THROUGH.
1⁴⁵	H00	2¼	DRILL 8¾" HOLE

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.		
5	STANDS D.P.	FT.
2	SINGLES D.P.	560.72 FT.
2	D.C. 6¾ I.D. O.D.	60.35 FT.
1	D.C. 6¾ I.D. O.D.	3.00
14	D.C. 6¼ I.D. O.D.	411.41 FT.
4	STB. BODY O.D.	56.20 FT.
2	STB. 3PT BODY O.D.	12.47 FT.
1	RMR. BODY O.D.	FT.
2	SUBS 4½ O.D.	3.91 FT.
1	BIT OR C.B.	.75 FT.
1	SARS	13.40 FT.
	KELLY DOWN	11.92 FT.
	TOTAL	1124 FT.
	WT. OF STRING	LBS.

BIT RECORD

BIT NO.	3	
SIZE	8¾	
MFG.	HW	
TYPE	X1C	
NOZZLE NO.	3	
NOZZLE SIZE	10	
SER. NO.	44609	
DEPTH OUT		
DEPTH IN	1075	
TOTAL FTG.	52	
TOTAL HR. RUN	9½	
COND. OF BIT	OB	
REAMER NO.		
REAMER TYPE		

MUD RECORD

TIME	6:00	8:00	10:00
WEIGHT	8.4	8.5	8.5
VISC.-SEC	27	27	27
W.L.-C.C.			
FLTR. CK			
PH	8.	12.0	12.0
SD. CONT. %			
PRESSURE GRADIENT	O. F	8.5	
	U.F.	9.0	

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.

DRILLER: R. Lester

FOOTAGE 43 — DR. D RM. R CORE. C

FROM	TO	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD RUN SGL. S PAR'EL-P COMP'D-C
1085	1128	D		100	6M	1100	5½	50			

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
1085	5°		1115	4⅞				

TIME LOG

FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4⁰⁰	4¹⁵	¼	RIG SER
4¹⁵	6¹⁵	2	DRILL 8¾ HOLE
6¹⁵	6³⁰	¼	SURVEY
6³⁰	10⁴⁵	4¼	DRILL 8¾" HOLE
10⁴⁵	11⁰⁰	¼	SURVEY @ 1115
11⁰⁰	12⁰⁰	1	DRILL 8¾" HOLE

APPROVED — APPROVED

A.A.O.D.C.--A.P.I. OFFICIAL DAILY DRILLING REPORT FORM

DAILY DRILLING REPORT — REPORT NO. 10 — DATE FEB 10/74

OPERATOR: TRANS-PRAIRIE PIPELINE

LEASE: TPPL ETAL CARCAJOU — WELL NO. 5-27 — FIELD OR OBST. CARCAJOU — COUNTY — STATE N.W.T.

CONTRACTOR: Jennings International Drilling, Division of Pancana Industries Ltd. — RIG NO. 1

DRILL PIPE STRING: NO. — SIZE HW — TOOL JOINT 6 1/4 O.D. — TYPE THD. XH

SIGNATURE OF OPERATOR'S REPRESENTATIVE: George Gal. — SIGNATURE OF CONTRACTOR'S TOOL PUSHER: Joe Lachasseur

PUMPS

NO.	MANUFACTURER	TYPE	STROKE LENGTH
1.	EMSCO	D-700	16"
2	EMSCO	D-500	16"
3.			

LAST CASING TUBING OR LINER

SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. TO CSG. HD.	SET AT	REMARKS
9 5/8	IBSCO	36/K55	15	615		612	700 SKS. CEMENT 3% CACL

TIME DISTRIBUTION—HOURS

	MORN	DAY	EVE
RIG UP & TEAR DOWN			
DRILLING ACTUAL	10 3/4		13 1/4
REAMING	1/2		
CONDITIONING MUD & CIRCULATING			
TRIPS			
LUBRICATE RIG	1/4	1/4	1/4
DEVIATION SURVEY	1/2		1/2
TEST B.O.P.			
CUT OFF DRILLING LINE			
REPAIR RIG			
CORING			
WIRE LINE LOGGING			
RUNNING CASING & CEMENTING			
WAITING ON CEMENT			
DRILL STEM TEST			
OTHER			
FISHING			
COMPLETION WORK A. PERFORATING			
B. TUBING TRIPS			
C. SWABBING			
D. TESTING			
E. ADDITIONAL			
TOTALS	8	8	8

TIME SUMMARY (OFFICE USE ONLY)

DAY WORK | HRS. W/DP | HRS. WO/DP | HRS. STANDBY | TOTAL DAY WORK

WIRE LINE RECORD

REEL NO. | NO. OF LINES 8 SIZE 1 1/16 | FEET SLIPPED | FEET CUT OFF | PRESENT LENGTH | TON MI. OR TRIPS SINCE LAST CUT | CUMULATIVE TON MI. OR TRIPS | NO. OF DAYS FROM SPUD 10 | CUMULATIVE ROTATING HRS.

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.		
2	STANDS D.P.	187.99 FT.
	SINGLES D.P.	FT.
2	D.C. 6 3/4 I.D. O.D.	603.5 FT.
14	D.C. 6 1/8 I.D. O.D.	411.41 FT.
2	STB. 3 PT. BODY O.D.	12.47 FT.
4	STB. 3 PT. BODY O.D.	56.20 FT.
1	RMR. 6 PT. BODY O.D.	8.35 FT.
2	SUBS 4 1/2 O.D.	39.1 FT.
1	BIT OR C.B.	.75 FT.
1	JARS	13.40 FT.
	KELLY DOWN	40.17 FT.
	TOTAL	795.00 FT.
WT. OF STRING	59,000 LBS.	

BIT RECORD

BIT NO.	2
SIZE	8 3/4
MFG.	HW
TYPE	XIC
NOZZLE NO.	3
NOZZLE SIZE	10
SER. NO.	63587
DEPTH OUT	
DEPTH IN	677
TOTAL FTG.	118
TOTAL HR. RUN	6 3/4
COND. OF BIT	0/3
REAMER NO.	
REAMER TYPE	

MUD RECORD

TIME	10:00	4:00	6:00
WEIGHT	8.3	8.3	8.3
VISC.-SEC	27	27	27
W.L.-C.C.			
FLTR. CK.			
PH	12.0	12.0	11.5
SD. CONT. %			
PRESSURE GRADIENT			

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.

DRILLER R. Lester

FOOTAGE 118 — DR.-D RM.-R CORE.-C

FROM	TO	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	METHOD RUN SGL.-S PAR'EL-P COM'D-C
677	795	DR.		80	10	1050	5 1/2	50			
			FUEL 5'8"	90	15						
			DESILTER IN USE 24 HRS								

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
722	3 3/4°		754	4 3/4°				

TIME LOG

FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12:00	12:15	1/4	RIG SERVICE & CHECK BOPS
12:15	12:45	1/2	REAM TO BOTTOM
12:45	2:30	1 3/4	DRILL 8 3/4" HOLE
2:30	2:45	1/4	SURVEY @ 722
2:45	5:00	2 1/4	DRILL 8 3/4" HOLE
5:00	5:15	1/4	SURVEY @ 754
5:15	8:00	2 3/4	DRILL 8 3/4" HOLE

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.		
3	STANDS D.P.	382.27 FT.
2	SINGLES D.P.	FT.
2	D.C. 6 3/4 I.D. O.D.	603.5 FT.
14	D.C. 6 1/4 I.D. O.D.	411.41 FT.
2	STB. 3 PT. BODY O.D.	12.47 FT.
4	STB. 5 PT. BODY O.D.	56.20 FT.
1	RMR. 6 PT. BODY O.D.	8.35 FT.
2	SUBS 4 1/2 O.D.	39.1 FT.
1	BIT OR C.B.	.75 FT.
1	JAR	13.40 FT.
	KELLY DOWN	40.17 FT.
	TOTAL	949.11 FT.
WT. OF STRING	60,000 LBS.	

BIT RECORD

BIT NO.	2
SIZE	8 3/4
MFG.	HW
TYPE	XIC
NOZZLE NO.	3
NOZZLE SIZE	10
SER. NO.	63587
DEPTH OUT	
DEPTH IN	677
TOTAL FTG.	272
TOTAL HR. RUN	13 3/4
COND. OF BIT	0/3
REAMER NO.	
REAMER TYPE	

MUD RECORD

TIME	10:00	12:00	2:00
WEIGHT	8.33	8.4	8.6
VISC.-SEC	27	27	27
W.L.-C.C.			
FLTR. CK.			
PH	12.0	12.0	12.0
SD. CONT. %	DESILTER		
PRESSURE GRADIENT	U.F. 9.7		
	O.F. 8.6		

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.

DRILLER R. Lester

FOOTAGE 154 — DR.-D RM.-R CORE.-C

FROM	TO	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	METHOD RUN SGL.-S PAR'EL-P COM'D-C
795	949	D		110	15	1100	5 1/2	50			

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
784	4 1/8		826	3 1/2		886	4 1/2	

TIME LOG

FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8:00	8:15	1/4	RIG SER & CHECK BOPS
8:15	8:30	1/4	SURVEY @ 784
8:30	9:45	1 1/4	DRILL
9:45	10:00	1/4	SURVEY @ 826
10:00	12:45	2 3/4	DRILL
12:45	1:00	1/4	SURVEY @ 886
1:00	4:00	3	DRILL

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.		
4	STANDS D.P.	FT.
1	SINGLES D.P.	404.46 FT.
2	D.C. 6 3/4 I.D. O.D.	603.5 FT.
14	D.C. 6 1/4 I.D. O.D.	411.41 FT.
2	STB. 3 PT. BODY O.D.	56.20 FT.
2	STB. 3 PT. BODY O.D.	12.47 FT.
1	RMR. 6 PT. BODY O.D.	8.35 FT.
2	SUBS 4 1/2 O.D.	39.1 FT.
1	BIT OR C.B.	.75 FT.
1	JARS	13.40 FT.
	KELLY DOWN	32.70 FT.
	TOTAL	1004.00 FT.
WT. OF STRING	60,000 LBS.	

BIT RECORD

BIT NO.	2
SIZE	8 3/4
MFG.	HW
TYPE	XIC
NOZZLE NO.	3/10
NOZZLE SIZE	
SER. NO.	63587
DEPTH OUT	
DEPTH IN	677
TOTAL FTG.	327
TOTAL HR. RUN	21
COND. OF BIT	0/3
REAMER NO.	
REAMER TYPE	

MUD RECORD

TIME	6:00	8:00	11:00
WEIGHT	8.6	8.6	8.6
VISC.-SEC	27	27	27
W.L.-C.C.			
FLTR. CK			
PH	12.	12.0	12.0
SD. CONT. %			
PRESSURE GRADIENT	OVERFlow-9.6		
	OVERFlow-8.6		

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.

DRILLER R. Lester

FOOTAGE 55 — DR.-D RM.-R CORE.-C

FROM	TO	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	METHOD RUN SGL.-S PAR'EL-P COM'D-C
949	1004	D		90	5M	1050	5 1/2	50			

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
949	5 1/2		968	4 1/4				

TIME LOG

FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	4:15	1/4	SER RIG
4:15	4:30	1/4	~~TRIP~~ SURVEY @ 949
4:30	7:15	2 3/4	DRILL
7:15	7:30	1/4	SURVEY @ 968 4 1/4
7:30	12:00	4 1/2	DRILL 8 3/4" HOLE

APPROVED — APPROVED

A.A.O.D.C.—A.P.I. OFFICIAL DAILY DRILLING REPORT FORM

DAILY DRILLING REPORT — REPORT NO. 9 — DATE FEB 9/74

OPERATOR: TRANS PRAIRIE PIPE LINE

LEASE: TPPL. ET AL CARCAJOU — WELL NO. J-27 — FIELD OR DIST. CARCAJOU — COUNTY NWT — STATE

CONTRACTOR: Jennings International Drilling, Division of Pancana Industries Ltd. — RIG NO. 1

DRILL PIPE STRING: NO. 2, SIZE 4½ — TOOL JOINT 6⅛ O.D. — TYPE THD. XH

SIGNATURE OF OPERATOR'S REPRESENTATIVE: R.D. Holt

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: Joe Lukaszewich

PUMPS

NO.	MANUFACTURER	TYPE	STROKE LENGTH
1	EMSCO	D-700	16
2	EMSCO	D-500	16
3			

LAST CASING, TUBING OR LINER

SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. TO CSG. HD.	SET AT	REMARKS
9⅝	IBSCO	36/K55	15	615.13		612	700 Sacks Const + 3% CaCl2

MORNING TOUR

TIME DISTRIBUTION—HOURS

	MORN	DAY	EVE
RIG UP & TEAR DOWN			
DRILLING ACTUAL			
REAMING			
CONDITIONING MUD & CIRCULATING			
TRIPS			
LUBRICATE RIG			
DEVIATION SURVEY			
TEST B.O.P.			
CUT OFF DRILLING LINE			
REPAIR RIG			
CORING			
WIRE LINE LOGGING			
RUNNING CASING & CEMENTING			
WAITING ON CEMENT			
DRILL STEM TEST			
OTHER			
FISHING			
COMPLETION WORK: A. PERFORATING			
B. TUBING TRIPS			
C. SWABBING			
D. TESTING			
E. ADDITIONAL			
TOTALS			

DRILLING ASSEMBLY AT END OF TOUR

NO.		
	STANDS D.P.	FT.
2	SINGLES D.P.	62.11 FT.
2	D.C. 6¼ I.D. O.D.	60.35 FT.
14	D.C. 6¼ I.D. O.D.	418.80 FT.
	STB. BODY O.D.	FT.
	STB. BODY O.D.	FT.
1	BIMR BODY O.D.	2.10 FT.
1	SUBS C/O O.D.	1.81 FT.
	BIT OR C.B.	FT.
1	B.H.S.U.	3.00 FT.
	KELLY DOWN	FT.
	TOTAL	FT.
	WT. OF STRING	LBS.

BIT RECORD

BIT NO.	RR#1
SIZE	8 3/4
MFG.	HW
TYPE	X16
NOZZLE NO.	3
NOZZLE SIZE	11
SER. NO.	44641
DEPTH OUT	
DEPTH IN	612
TOTAL FTG.	
TOTAL HR. RUN	
COND. OF BIT	
REAMER NO.	
REAMER TYPE	

MUD RECORD

TIME	
WEIGHT	
VISC.-SEC	
W.L.-C.C.	
FLTR. CK.	
PH	
SD. CONT. %	
PRESSURE GRADIENT	

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.

DRILLER: R. Lestus

FOOTAGE

FROM	TO	DR.-D RM.-R CORE.-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	METHOD RUN SGL.-S PAR'EL-P COM'D-C
612				Fuel 6'				5½				

INSTALLED 10" x 900 SERIES x 9⅝ OCT. CSG BOWL TYPE C-22

DEVIATION RECORD — DEPTH 3910 — DEV. 5/4 — DIRECTION

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION

TIME LOG

FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12⁰⁰	3⁰⁰	3	NIPPLE UP BOPS AND MANIFOLD
3⁰⁰	4⁰⁰	1	LAY FLARE LINES CHANGE TO 4½ Pipe Rams
4⁰⁰	4⁴⁵	¾	PRESSURE TEST BLIND RAMS TO 1000# FOR 15 MIN.
4⁴⁵	6⁰⁰	1¼	RUN PIPE TO HOLE - FELT PLUG @ 570' Hard OK
6⁰⁰	8⁰⁰	2	CIRC PIPE TO HOLE & GET READY TO PRESS TEST
			TIGHTEN CONNECTIONS ON MANIFOLD
			(USED 15 SKS CONST. AROUND CASING)

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.		
1	STANDS D.P.	154.81 FT.
2	SINGLES D.P.	FT.
2	D.C. 7" I.D. O.D.	60.35 FT.
14	D.C. 6¼ I.D. O.D.	411.41 FT.
1	STB. BODY B.H.S.	7.5 FT.
	STB. BODY O.D.	FT.
	RMR. BODY O.D.	FT.
2	SUBS O.D.	5.10 FT.
	BIT OR C.B.	FT.
		FT.
	KELLY DOWN	26.58 FT.
	TOTAL	659 FT.
	WT. OF STRING	45,000 LBS.

BIT RECORD

BIT NO.	RR#1
SIZE	8 3/4
MFG.	HW
TYPE	X16
NOZZLE NO.	3
NOZZLE SIZE	11/32
SER. NO.	44641
DEPTH OUT	
DEPTH IN	612
TOTAL FTG.	47
TOTAL HR. RUN	2¼
COND. OF BIT	OB
REAMER NO.	
REAMER TYPE	

MUD RECORD

TIME	10:00	12:00	2:00
WEIGHT	8.4	8.4	8.4
VISC.-SEC	28	28	28
W.L.-C.C.			
FLTR. CK.			
PH			
SD. CONT. %			
PRESSURE GRADIENT			

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.
Bicarb	4lbs		

DRILLER: L. Lohnes

FOOTAGE 47

FROM	TO	DR.-D RM.-R CORE.-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	METHOD RUN SGL.-S PAR'EL-P COM'D-C
612	659	DR			80	B-5	800	5½	50			

DEVIATION RECORD — DEPTH 635 — DEV. 3°1/8 — DIRECTION — DEPTH 673 — DEV. 4°1/4 — DIRECTION

TIME LOG

FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8⁰⁰	8¹⁵	¼	Pipe Rams Test Kelly Cock 500 PSI OK
8¹⁵	8³⁰	¼	Pipe Test Blind Rams 1200 PSI 15 MIN OK
8³⁰	8⁴⁵	¼	Pipe Test Hydril 1300 PSI 15 MIN OK & MANIFOLD
8⁴⁵	11³⁰	2¾	CHECK ENGINE KILLS OK (
11³⁰	1⁰⁰	1½	Rig up & Drill out MOUSE HOLE
1⁰⁰	1³⁰	½	Drill out Plug, Float collar, Cement & Shoe
1³⁰	2³⁰	1	Clean out one Mud Tank Compartment; Displace Hole
2³⁰	2⁴⁵	¼	Drill 8¾ Hole
2⁴⁵			Survey @ 635 / 3¼S-44E Drill

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.		
	STANDS D.P.	FT.
2	SINGLES D.P.	65.8 FT.
2	D.C. 6¼ I.D. O.D.	60.35 FT.
14	D.C. 6¼ I.D. O.D.	411.41 FT.
4	STB. BODY O.D.	56.20 FT.
2	STB. BODY O.D.	12.47 FT.
1	RMR. BODY O.D.	9.35 FT.
2	SUBS O.D.	7.91 FT.
	BIT OR C.B.	7.5 FT.
1	JARS	13.40 FT.
	KELLY DOWN	28.58 FT.
	TOTAL	657.00 FT.
	WT. OF STRING	58,000 LBS.

BIT RECORD

BIT NO.	RR#1
SIZE	8¾
MFG.	HW
TYPE	X16
NOZZLE NO.	3
NOZZLE SIZE	11
SER. NO.	44644
DEPTH OUT	677
DEPTH IN	612
TOTAL FTG.	65
TOTAL HR. RUN	4¾
COND. OF BIT	2 1 1
REAMER NO.	
REAMER TYPE	

MUD RECORD

TIME
WEIGHT
VISC.-SEC
W.L.-C.C.
FLTR. CK
PH
SD. CONT. %
PRESSURE GRADIENT

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.

DRILLER: R. Lestus

FOOTAGE 18

FROM	TO	DR.-D RM.-R CORE.-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	METHOD RUN SGL.-S PAR'EL-P COM'D-C
659	677	DR			60	2	1000					
612	657	RM										

DEVIATION RECORD — DEPTH 673 — DEV. 4° — DIRECTION

TIME LOG

FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4⁰⁰	4¹⁵	¼	Rig Service
~~1¹⁰⁰~~	~~5¹⁵~~	~~1¼~~	~~DRILL 8¾~~
4¹⁵	5³⁰	1¼	DRILL
~~5¹⁵~~	~~5³⁰~~	~~¼~~	~~SURVEY~~
5³⁰	5⁴⁵	¼	Survey
5⁴⁵	6³⁹	¾	DRILL (W/ LITE WEIGHT 3M)
6³⁹	6⁴⁵	¼	Survey
6⁴⁵	8⁰⁰	1¼	LAY DOWN 4 SINGLES HOIST TO Pick up Sq. ASSEM
8⁰⁰	9³⁰	1½	Pick up CHIMD ASSEMBLY & MASON COMB, JARS
9³⁰	11⁰⁰	1½	TRIP IN HOLE
11⁰⁰	12⁰⁰	1	REAM FROM 612 - to Bottom

WIRE LINE RECORD

REEL NO.	
NO. OF LINES	8 SIZE 1⅛
FEET SLIPPED	
FEET CUT OFF	
PRESENT LENGTH	
TON MI. OR TRIPS SINCE LAST CUT	
CUMULATIVE TON MI. OR TRIPS	
NO. OF DAYS FROM SPUD	
CUMULATIVE ROTATING HRS.	

TIME SUMMARY (OFFICE USE ONLY)

DAY WORK	
HRS. W/DP	
HRS. WO/DP	
HRS. STANDBY	
TOTAL DAY WORK	

APPROVED — APPROVED

A.A.O.D.C.--A.P.I. OFFICIAL DAILY DRILLING REPORT FORM

DAILY DRILLING REPORT

REPORT NO. 8 DATE FEB 8/74

OPERATOR	LEASE	WELL NO.	FIELD OR DIST.	COUNTY	STATE
TRANS-PRAIRIE PIPE LINE	TPPL ETAL CARCAJOU	S-27			NWT

CONTRACTOR: Jennings International Drilling, Division of Pancana Industries Ltd. — RIG NO. 1

DRILL PIPE STRING: NO. 4½ SIZE — TOOL JOINT 6¼ O.D. — TYPE THD. XH

SIGNATURE OF OPERATOR'S REPRESENTATIVE: Geo. Hal.

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: Joe Kuhnsenick

PUMPS

NO.	MANUFACTURER	TYPE	STROKE LENGTH
1.	EMSCO	D-700	16"
2.	EMSCO	D-500	16"
3.			

LAST CASING TUBING OR LINER

SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. TO CSG. HD.	SET AT	REMARKS
9⅝		#36 K5	15	615.34		612	700 SKS. CEMENT
							KB TO GR. 14.50
							KB TO CSG BOWL

TIME DISTRIBUTION—HOURS

	MORN	DAY	EVE
RIG UP & TEAR DOWN			
DRILLING ACTUAL			
REAMING			
CONDITIONING MUD & CIRCULATING			
TRIPS			
LUBRICATE RIG	¼	¼	¼
DEVIATION SURVEY			
TEST B.O.P.			
CUT OFF DRILLING LINE			
REPAIR RIG			
CORING			
WIRE LINE LOGGING			
RUNNING CASING & CEMENTING			
WAITING ON CEMENT	1¾		
DRILL STEM TEST			
OTHER			
FISHING			
COMPLETION WORK A. PERFORATING			
B. TUBING TRIPS			
C. SWABBING			
D. TESTING			
E. ADDITIONAL			
TOTALS	8	8	8

TIME SUMMARY (OFFICE USE ONLY)

DAY WORK			
HRS. W/DP			
HRS. WO/DP			
HRS. STANDBY			
TOTAL DAY WORK			

WIRE LINE RECORD

REEL NO.	
NO. OF LINES	SIZE
FEET SLIPPED	
FEET CUT OFF	
PRESENT LENGTH	
TON MI. OR TRIPS SINCE LAST CUT	
CUMULATIVE TON MI. OR TRIPS	
NO. OF DAYS FROM SPUD	
CUMULATIVE ROTATING HRS.	

MORNING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
	STANDS D.P.		FT.
	SINGLES D.P.		FT.
2	D.C. 6¾ I.D. O.D.	60.35	FT.
11	D.C. 6¼ I.D. O.D.	327.09	FT.
	STB. BODY O.D.		FT.
	STB. BODY O.D.		FT.
	RMR. BODY O.D.		FT.
	SUBS O.D.		FT.
	BIT OR C.B.		FT.
			FT.
	KELLY DOWN		FT.
	TOTAL		FT.
WT. OF STRING			LBS.

BIT RECORD

BIT NO.	
SIZE	
MFG.	
TYPE	
NOZZLE NO.	
NOZZLE SIZE	
SER. NO.	
DEPTH OUT	
DEPTH IN	
TOTAL FTG.	
TOTAL HR. RUN	
COND. OF BIT	
REAMER NO.	
REAMER TYPE	

MUD RECORD

TIME	
WEIGHT	
VISC.-SEC	
W.L.-C.C.	
FLTR. CK.	
PH	
SD. CONT. %	
PRESSURE GRADIENT	

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.

DRILLER: R. Lestas

FOOTAGE

FROM	TO	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	METHOD RUN SCL-S PAR'EL-P CONT'D-C
612												
				FUEL 62'								

DEVIATION RECORD	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12⁰⁰	12¹⁵	¼	RIG SERVICE
12¹⁵	8⁰⁰	7¾	WOC - CLEAN MUD TANKS, DIG DITCHES. CLEAN CELLAR, CHANGE SHAKER SCREEN. CHANGE HEADS & LINERS IN #1 PUMP

DAY TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
	STANDS D.P.		FT.
	SINGLES D.P.		FT.
	D.C. I.D. O.D.		FT.
	D.C. I.D. O.D.		FT.
	STB. BODY O.D.		FT.
	STB. BODY O.D.		FT.
	RMR. BODY O.D.		FT.
	SUBS O.D.		FT.
	BIT OR C.B.		FT.
			FT.
	KELLY DOWN		FT.
	TOTAL		FT.
WT. OF STRING			LBS.

BIT RECORD

BIT NO.	
SIZE	
MFG.	
TYPE	
NOZZLE NO.	
NOZZLE SIZE	
SER. NO.	
DEPTH OUT	
DEPTH IN	
TOTAL FTG.	
TOTAL HR. RUN	
COND. OF BIT	
REAMER NO.	
REAMER TYPE	

MUD RECORD

TIME	
WEIGHT	
VISC.-SEC	
W.L.-C.C.	
FLTR. CK.	
PH	
SD. CONT. %	
PRESSURE GRADIENT	

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.

DRILLER

FOOTAGE

FROM	TO	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	METHOD RUN SCL-S PAR'EL-P CONT'D-C

DEVIATION RECORD	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8⁰⁰	8¹⁵	¼	RIG SER
8¹⁵	12⁰⁰	3¾	CLEAN OUT CELLAR & CEMENT AROUND CSG
12⁰⁰	4⁰⁰	4	CUT OFF CSG, PUT ON BOWL & NIPPLE UP

EVENING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
	STANDS D.P.		FT.
	SINGLES D.P.		FT.
	D.C. I.D. O.D.		FT.
	D.C. I.D. O.D.		FT.
	STB. BODY O.D.		FT.
	STB. BODY O.D.		FT.
	RMR. BODY O.D.		FT.
	SUBS O.D.		FT.
	BIT OR C.B.		FT.
			FT.
	KELLY DOWN		FT.
	TOTAL		FT.
WT. OF STRING			LBS.

BIT RECORD

BIT NO.	
SIZE	
MFG.	
TYPE	
NOZZLE NO.	
NOZZLE SIZE	
SER. NO.	
DEPTH OUT	
DEPTH IN	
TOTAL FTG.	
TOTAL HR. RUN	
COND. OF BIT	
REAMER NO.	
REAMER TYPE	

MUD RECORD

TIME	
WEIGHT	
VISC.-SEC	
W.L.-C.C.	
FLTR. CK	
PH	
SD. CONT. %	
PRESSURE GRADIENT	

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.

DRILLER R. Lestas

FOOTAGE

FROM	TO	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	METHOD RUN SCL-S PAR'EL-P CONT'D-C

DEVIATION RECORD	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4⁰⁰	12⁰⁰	8	NIPPLE UP

APPROVED APPROVED

A.A.O.D.C.—A.P.I. OFFICIAL DAILY DRILLING REPORT FORM

DAILY DRILLING REPORT

REPORT NO. 7 DATE FEB 7/74

OPERATOR: TRANS-PRAIRIE PIPE LINE

LEASE: TPPL ETAL CARCAJOU

WELL NO. J-27 | FIELD OR DIST. | COUNTY | STATE: N W T

CONTRACTOR: Jennings International Drilling, Division of Pancana Industries Ltd.

RIG NO. 1

DRILL PIPE STRING: NO. | SIZE 4½ | TYPE THD. XH | TOOL JOINT 6¼ O.D.

SIGNATURE OF OPERATOR'S REPRESENTATIVE: George Jakowenko

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: Joe Richardson

PUMPS

NO.	MANUFACTURER	TYPE	STROKE LENGTH
1.	EMSCO	D-700	16
2.	EMSCO	D-500	16
3.			

LAST CASING TUBING OR LINER

SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. TO CSG. HD.	SET AT	REMARKS
9⅝		36 K.S.	15	615.34		612	DRESSED W/ DEVILS
FLOAT COLLAR & GUIDE SHOE.							HOWCO CEMENTED W/
300 SACKS CONST + 3% CaCl2.							SLURRY 15.4 - 15.8

TIME DISTRIBUTION—HOURS

	MORN	DAY	EVE
RIG UP & TEAR DOWN			
DRILLING ACTUAL	5¾		
REAMING			
CONDITIONING MUD & CIRCULATING			
TRIPS	1½		
LUBRICATE RIG	¼	¼	¼
DEVIATION SURVEY	½		
TEST B.O.P.			
CUT OFF DRILLING LINE			
REPAIR RIG			
CORING			
WIRE LINE LOGGING			
RUNNING CASING & CEMENTING	1½		
WAITING ON CEMENT			1¼
DRILL STEM TEST			
OTHER			
FISHING			
COMPLETION WORK A. PERFORATING			
B. TUBING TRIPS			
C. SWABBING			
D. TESTING			
E. ADDITIONAL			
TOTALS	8	8	8

TIME SUMMARY (OFFICE USE ONLY)

DAY WORK	
HRS. W/DP	
HRS. WO/DP	
HRS. STANDBY	
TOTAL DAY WORK	

WIRE LINE RECORD

REEL NO.	
NO. OF LINES	4 SIZE 1¼
FEET SLIPPED	
FEET CUT OFF	
PRESENT LENGTH	
TON MI. OR TRIPS SINCE LAST CUT	
CUMULATIVE TON MI. OR TRIPS	
NO. OF DAYS FROM SPUD	7
CUMULATIVE ROTATING HRS.	

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.		
1	STANDS D.P.	9907 FT.
2	SINGLES D.P.	6159 FT.
2	D.C. 6¾ I.D. 6¼ O.D.	60.35 FT.
11	D.C. 6¼ I.D. O.D.	327.09 FT.
	STB. BODY O.D.	FT.
	STB. BODY O.D.	FT.
1	RMR. BODY O.D.	1.81 FT.
1	SUBS O.D.	2.10 FT.
	SAVER SUB BIT OR C.B.	19.24 FT.
1	BELL	3.30 FT.
	KELLY DOWN	23.45 FT.
	TOTAL	596.00 FT.

WT. OF STRING 45,000 LBS.

BIT RECORD

BIT NO.	5-A
SIZE	12¼
MFG.	HW
TYPE	OSC3J
NOZZLE NO.	3
NOZZLE SIZE	20
SER. NO.	55314
DEPTH OUT	
DEPTH IN	496
TOTAL FTG.	100
TOTAL HR. RUN	7½
COND. OF BIT	ONT3
REAMER NO.	
REAMER TYPE	

MUD RECORD

TIME	1⁰⁰	3.00	7⁰⁰
WEIGHT	9.4	9.4	9.4
VISC.-SEC	180	240	180
W.L.-C.C.			
FLTR. CK.			
PH			
SD. CONT. %			
PRESSURE GRADIENT			

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.
CAUSTIC	50#		

DRILLER R. Leatus

FOOTAGE 61

FROM	TO	DR.D RM.R CORE.C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	METHOD RUN SGL.-S PAR'EL-P COM'D-C
535	596	D		FUEL 5'	120	5M	450	7"	59			

RETURNS @ 9³⁰ PM 7/2/74 Plug Down

DEVIATION RECORD	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
	555	3¼°		580	3¼°				

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12⁰⁰	12¹⁵	¼	RIG SERVICE
12¹⁵	1⁰⁰	¾	DRILL 12¼" HOLE
1⁰⁰	1¹⁵	¼	SURVEY
1¹⁵	4¹⁵	3	DRILL 12¼" HOLE
4¹⁵	4³⁰	¼	SURVEY
4³⁰	5¹⁵	¾	STRAP OUT OF HOLE ON DUMMY TRIP STRAP 583.58
5¹⁵	6⁰⁰	¾	TRIP IN TO BOTTOM 3 FT. FILL TALLY 581.27
6⁰⁰	8⁰⁰	2	DRILL 12¼" HOLE DIFF 2.31

BIT RECORD

BIT NO.	5B
SIZE	12¼
MFG.	HW
TYPE	OSC3J
NOZZLE NO.	3
NOZZLE SIZE	20
SER. NO.	55314
DEPTH OUT	612
DEPTH IN	496
TOTAL FTG.	116
TOTAL HR. RUN	9
COND. OF BIT	3.11
REAMER NO.	
REAMER TYPE	

MUD RECORD

TIME	8⁰⁰	12⁰⁰	
WEIGHT	9.4	9.4	
VISC.-SEC	184	176	
W.L.-C.C.			
FLTR. CK.			
PH			
SD. CONT. %			
PRESSURE GRADIENT			

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.

DRILLER E. Johnson

FOOTAGE 16

FROM	TO	DR.D RM.R CORE.C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	METHOD RUN SGL.-S PAR'EL-P COM'D-C
596	612				120	5M	450	7"				

DEVIATION RECORD	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
	612	3⁷⁸							

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8⁰⁰	8¹⁵	¼	RIG SER
8¹⁵	9⁴⁵	1½	DRILL 12¼ HOLE
9⁴⁵	10¹⁵	½	CIRC TO CONDITION HOLE WORK PIPE
10¹⁵	10³⁰	¼	WIRE LINE SURVEY
10³⁰	12³⁰	2	DUMMY TRIP 2' FILL
12³⁰	1¹⁵	¾	CIRC TO RUN CSG
1¹⁵	3.45	2½	PULL OUT TO RUN CSG
3⁴⁵	4.00	¼	BREAK OUT JARS & LAY DOWN

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.		
1	STANDS D.P.	FT.
2	SINGLES D.P.	FT.
2	D.C. 6¾ I.D. O.D.	60.35 FT.
11	D.C. 6¼ I.D. O.D.	327.09 FT.
	STB. BODY O.D.	FT.
	STB. BODY O.D.	FT.
	RMR. BODY O.D.	FT.
	SUBS O.D.	FT.
	BIT OR C.B.	FT.
		FT.
	KELLY DOWN	41.00 FT.
	TOTAL	612.00 FT.

WT. OF STRING 45,000 LBS.

BIT RECORD

BIT NO.	5B
SIZE	12¼
MFG.	HW
TYPE	OSC3J
NOZZLE NO.	3
NOZZLE SIZE	20
SER. NO.	55314
DEPTH OUT	612
DEPTH IN	496
TOTAL FTG.	116
TOTAL HR. RUN	9
COND. OF BIT	3.11
REAMER NO.	
REAMER TYPE	

MUD RECORD

TIME	8⁰⁰	12⁰⁰	
WEIGHT	9.4	9.4	
VISC.-SEC	184	176	
W.L.-C.C.			
FLTR. CK.			
PH			
SD. CONT. %			
PRESSURE GRADIENT			

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.

DRILLER R. Leatus

FOOTAGE

FROM	TO	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	METHOD RUN SGL.-S PAR'EL-P COM'D-C

DEVIATION RECORD	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4⁰⁰	4¹⁵	¼	RIG UP TO RUN CSG
4¹⁵	7¹⁵	3	RUN CSG
7¹⁵	8⁴⁵	1½	HEAD UP & CIRC TO CEMENT
8⁴⁵	9³⁰	¾	RUN CEMENT & DISPLACE SAME
			PLUG DOWN @ 9³⁰ P.M. FEB 7/74
9³⁰	10⁴⁵	1¼	RECEMENT FROM SURFACE W/ 400
			SACKS CEMENT 30' BELOW GROUND LEVEL.
			CEMENT IN PLACE @ 10⁴⁵ PM
10⁴⁵	12⁰⁰	1¼	W.O.C.

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.		
	STANDS D.P.	FT.
	SINGLES D.P.	FT.
	D.C. I.D. O.D.	FT.
	D.C. I.D. O.D.	FT.
	STB. BODY O.D.	FT.
	STB. BODY O.D.	FT.
	RMR. BODY O.D.	FT.
	SUBS O.D.	FT.
	BIT OR C.B.	FT.
		FT.
	KELLY DOWN	FT.
	TOTAL	FT.

WT. OF STRING LBS.

BIT RECORD

BIT NO.	
SIZE	
MFG.	
TYPE	
NOZZLE NO.	
NOZZLE SIZE	
SER. NO.	
DEPTH OUT	
DEPTH IN	
TOTAL FTG.	
TOTAL HR. RUN	
COND. OF BIT	
REAMER NO.	
REAMER TYPE	

MUD RECORD

TIME			
WEIGHT			
VISC.-SEC			
W.L.-C.C.			
FLTR. CK			
PH			
SD. CONT. %			
PRESSURE GRADIENT			

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.

DRILLER R. Leatus

FOOTAGE

FROM	TO	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	METHOD RUN SGL.-S PAR'EL-P COM'D-C

DEVIATION RECORD	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS

APPROVED APPROVED

A.A.O.D.C.—A.P.I. OFFICIAL DAILY DRILLING REPORT FORM

DAILY DRILLING REPORT — REPORT NO. 6 — DATE Feb 6/74

OPERATOR	LEASE	WELL NO.	FIELD OR DIST.	COUNTY	STATE
Trans Prairie Pipe Lines	T.P.P.L. ETAL - CARIBOU - J-27	D-27			NWT

CONTRACTOR: Jennings International Drilling, Division of Pancana Industries Ltd. — RIG NO. 1

DRILL PIPE STRING NO. / SIZE — TOOL JOINT O.D. — TYPE THD. X H

SIGNATURE OF OPERATOR'S REPRESENTATIVE: [illegible]

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: [illegible]

PUMPS

NO.	MANUFACTURER	TYPE	STROKE LENGTH
1.	EMSCO	D700	16
2.	EMSCO	D500	16
3.			

LAST CASING TUBING OR LINER

SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. TO CSG. HD.	SET AT	REMARKS
	Fuel	3½"					

TIME DISTRIBUTION—HOURS

	MORN	DAY	EVE
RIG UP & TEAR DOWN			
DRILLING ACTUAL	7½	2	7¼
REAMING		2¾	
CONDITIONING MUD & CIRCULATING			
TRIPS		2¾	
LUBRICATE RIG	¼	¼	¼
DEVIATION SURVEY	¼		
TEST B.O.P.			
CUT OFF DRILLING LINE		1	
REPAIR RIG			
CORING			
WIRE LINE LOGGING			
RUNNING CASING & CEMENTING			
WAITING ON CEMENT			
DRILL STEM TEST			
OTHER			
FISHING			
COMPLETION WORK: A. PERFORATING			
B. TUBING TRIPS			
C. SWABBING			
D. TESTING			
E. ADDITIONAL			
TOTALS	8	8	8

TIME SUMMARY (OFFICE USE ONLY)

DAY WORK	
HRS. W/DP	
HRS. WO/DP	
HRS. STANDBY	
TOTAL DAY WORK	8

WIRE LINE RECORD

REEL NO.	
NO. OF LINES	8 SIZE 1⅛
FEET SLIPPED	
FEET CUT OFF	96'
PRESENT LENGTH	
TON MI. OR TRIPS SINCE LAST CUT	
CUMULATIVE TON MI. OR TRIPS	
NO. OF DAYS FROM SPUD	6
CUMULATIVE ROTATING HRS.	

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			
	STANDS D.P.		FT.
2	SINGLES D.P.	6324	FT.
2	D.C. 6¾ I.D. O.D.	60 35	FT.
11	D.C. 6¼ I.D. O.D.	327.45	FT.
	STB. BODY O.D.	19.24	FT.
	STB. BODY O.D.		FT.
1	RMR. C/O BODY O.D.	1.81	FT.
1	SUBS C/O O.D.	2.10	FT.
	SUB BIT OR C.B.	3.00	FT.
			FT.
	KELLY DOWN	1181	FT.
	TOTAL	489	FT.

WT. OF STRING 44,000 LBS.

BIT RECORD

BIT NO.	4A
SIZE	8¾
MFG.	HW
TYPE	X16
NOZZLE NO.	2 1
NOZZLE SIZE	14 20
SER. NO.	44641
DEPTH OUT	
DEPTH IN	424
TOTAL FTG.	
TOTAL HR. RUN	11½
COND. OF BIT	
REAMER NO.	
REAMER TYPE	

MUD RECORD

TIME	12.00	3.00	6.00
WEIGHT	9.7	9.6	9.7
VISC.-SEC	300	260	300
W.L.-C.C.			
FL.TR. CK.			
PH			
SD. CONT. %			
PRESSURE GRADIENT			

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.
GEL	1400#		

DRILLER: Louie Gall

FOOTAGE 30

FROM	TO	DR.D RM.R CORE..C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO.1 LINER SIZE	PUMP NO.1 S.P.M.	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	METHOD RUN SCL—S PAR'EL-P COM'D-C
459	489				120	2-1	400	7"	56			
							700		56			

DEVIATION RECORD: DEPTH 489 — DEV. 3½ — DIRECTION

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12.00	12.15	¼	R.I.G SERV
12.15	7.00	6¾	FANNING HOLE W/ 2000 WT
7.00	7.15	¼	SURVEY
7.15	8.00	¾	DRILL

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			
	STANDS D.P.		FT.
	SINGLES D.P.		FT.
2	D.C. 6¾ I.D. O.D.	60.35	FT.
11	D.C. I.D. O.D.	327.09	FT.
	STB. BODY O.D.		FT.
	STB. BODY O.D.		FT.
1	RMR. BODY O.D.	2.10	FT.
1	SUBS C/O O.D.	1.81	FT.
	BIT OR C.B.		FT.
1	BELLS	32	FT.
	KELLY DOWN		FT.
	TOTAL		FT.

WT. OF STRING LBS.

BIT RECORD

BIT NO.	4-A	5-A
SIZE	8¾	12¼
MFG.	HW	HW
TYPE	X16	OSC3J
NOZZLE NO.	2 1	3
NOZZLE SIZE	14 20	20
SER. NO.	44641	55314
DEPTH OUT	496	
DEPTH IN	424	496
TOTAL FTG.	72	—
TOTAL HR. RUN	13¼	—
COND. OF BIT	211	OB
REAMER NO.		
REAMER TYPE		

MUD RECORD

TIME	8.00	4.00	
WEIGHT	9.7	9.7	
VISC.-SEC	240	230	
W.L.-C.C.			
FL.TR. CK.			
PH	8.5		
SD. CONT. %			
PRESSURE GRADIENT			

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.

DRILLER: R. Lotus

FOOTAGE 7

FROM	TO	DR.D RM.R CORE..C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	METHOD RUN SCL—S PAR'EL-P COM'D-C
489	496	D			120	2	800	7"	56			
424	430	RM			120	5	350	7"				

DEVIATION RECORD: DEPTH — DEV. — DIRECTION

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8.00	8.15	¼	RIG SERVICE
8.15	10.15	2	DRILL 8¾" PILOT HOLE
10.15	11.15	1	TRIP OUT BIT 4-A
11.15	12.15	1	SLIP & CUT DRILLING LINE
12.15	1.30	1¼	RUN IN HOLE W/ 12¼" BH NO TIGHT SPOTS.
1.30	4.00	2½	REAM 8¾" HOLE TO 12¼" (FAN FIRST 7')

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			
	STANDS D.P.		FT.
3	SINGLES D.P.	9477	FT.
2	D.C. 6¾ I.D. O.D.	60.35	FT.
11	D.C. 6¼ I.D. O.D.	327.09	FT.
	STB. BODY O.D.	19.24	FT.
1	STB. BODY O.D.	1.81	FT.
1	RMR. BODY O.D.	2.10	FT.
1	SUBS BIT O.D.	3.00	FT.
	BIT OR C.B.		FT.
			FT.
	KELLY DOWN	26	FT.
	TOTAL	535	FT.

WT. OF STRING 44,000 LBS.

BIT RECORD

BIT NO.	5-A	
SIZE	12¼	
MFG.	HW	
TYPE	OSC3J	
NOZZLE NO.	3	
NOZZLE SIZE	20	
SER. NO.	55314	
DEPTH OUT		
DEPTH IN	424	
TOTAL FTG.	112	
TOTAL HR. RUN	9 3/4	
COND. OF BIT	OB	
REAMER NO.		
REAMER TYPE		

MUD RECORD

TIME	6.00	9.00	11.00
WEIGHT	9.7	9.7	9.7
VISC.-SEC	180	150	150
W.L.-C.C.			
FL.TR. CK			
PH			
SD. CONT. %			
PRESSURE GRADIENT			

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.
Gel	1000#		

DRILLER: L. Lotus

FOOTAGE 105

FROM	TO	DR.D RM.R CORE..C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	METHOD RUN SCL—S PAR'EL-P COM'D-C
430	496	RM			120	5-8	400	7"	56			
496	535	DR										

DEVIATION RECORD: DEPTH 455 — DEV. 3½° — DIRECTION — DEPTH 518 — DEV. 3¼° — DIRECTION

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4.00	4.15	¼	RIG SER
4.15	5.15	1	REAM 430 TO 455
5.15	5.30	¼	SURVEY
5.30	7.30	2	REAM 455-496
7.30	10.00	2½	DRILL 12¼ HOLE
10.00	10.15	¼	SURVEY
10.15	12.00	1¾	DRILL 12¼ HOLE

APPROVED — APPROVED

A.A.O.D.C.—A.P.I. OFFICIAL DAILY DRILLING REPORT FORM

DAILY DRILLING REPORT — REPORT NO. — DATE Feb 5/1974

OPERATOR	LEASE	WELL NO.	FIELD OR DIST.	COUNTY	STATE
Trans Prarie Pipe Lines	T.P.P.L. ETAL- CARDSTON - B 27	B 27			

CONTRACTOR	RIG NO.	DRILL PIPE STRING NO.	DRILL PIPE STRING SIZE	TOOL JOINT O.D.	TYPE THD.
Jennings International Drilling, Division of Pancana Industries Ltd.	ONE				XH

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: Chas. Gadsby

PUMPS

NO.	MANUFACTURER	TYPE	STROKE LENGTH
1.	EMSCO	D700	16
2	EMSCO	D500	16
3.			

LAST CASING, TUBING OR LINER

SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. TO CSG. HD.	SET AT	REMARKS

MORNING TOUR

TIME DISTRIBUTION—HOURS

	MORN	DAY	EVE
RIG UP & TEAR DOWN			
DRILLING ACTUAL			
REAMING			
CONDITIONING MUD & CIRCULATING			
TRIPS			
LUBRICATE RIG			
DEVIATION SURVEY			
TEST B.O.P.			
CUT OFF DRILLING LINE			
REPAIR RIG			
CORING			
WIRE LINE LOGGING			
RUNNING CASING & CEMENTING			
WAITING ON CEMENT			
DRILL STEM TEST			
OTHER			
FISHING			
COMPLETION WORK: A. PERFORATING			
B. TUBING TRIPS			
C. SWABBING			
D. TESTING			
E. ADDITIONAL			
TOTALS			

DRILLING ASSEMBLY AT END OF TOUR

NO.			
	STANDS D.P.		FT.
	SINGLES D.P.		FT.
2	D.C. 6 3/4 I.D. O.D.	60.35	FT.
8	D.C. 6 1/4 I.D. O.D.	236.44	FT.
JAR	STB. BODY O.D.	19.24	FT.
	STB. BODY O.D.		FT.
1	RMR. BODY 6 1/0 O.D.	1.81	FT.
1	SUBS 6 1/00 O.D.	2.10	FT.
1	BIT OR C.B. Reed sub	3.30	FT.
			FT.
	KELLY DOWN	41.50	FT.
	TOTAL	364.68	FT.
	WT. OF STRING 38.000		LBS.

BIT RECORD

BIT NO.	3 A
SIZE	12 1/4
MFG.	HW
TYPE	OSC3A
NOZZLE NO.	3
NOZZLE SIZE	20
SER. NO.	RT 896
DEPTH OUT	
DEPTH IN	193
TOTAL FTG.	171
TOTAL HR. RUN	13 3/4
COND. OF BIT	
REAMER NO.	
REAMER TYPE	

MUD RECORD

TIME	12:00	3.00	6.00
WEIGHT	9.3	9.3	9.5
VISC.-SEC	190	195	220
W.L.-C.C.			
FLTR. CK.			
PH			
SD. CONT. %			
PRESSURE GRADIENT			

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.
GEL	2200		

DRILLER: Louis Zak

FOOTAGE 74

FROM	TO	DR.D RM.R CORE.C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	METHOD RUN SGL.-S PAR'EL-P COM'D-C
290	364	D		FUEL 4.60	85	5	300	7"	42	5		

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
323	1 1/8							

TIME LOG

FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12:00	12:15	1/4	R.G SERVICE
12:15	4:00	3 3/4	DRILL 12 1/4 HOLE
4.00	5.00	1	REPAIR PACKING ON D700
5.00	6.00	1	CIRCATING ON GRAVEL WORK TIGHT STRING
6:00	7.00	1	DRILL
7:00	7:15	1/4	SURVEY
7:15	8:00	3/4	DRILL

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			
	STANDS D.P.		FT.
	SINGLES D.P.		FT.
2	D.C. 6 3/4 I.D. O.D.	60.35	FT.
	D.C. I.D. O.D.		FT.
JAR	STB. BODY O.D.	19.24	FT.
	STB. BODY O.D.		FT.
	RMR. BODY 6 0 O.D.	1.81	FT.
	SUBS 6 0 O.D.	2.10	FT.
	BIT OR C.B.	3.30	FT.
			FT.
	KELLY DOWN		FT.
	TOTAL	424	FT.
	WT. OF STRING 38.000		LBS.

BIT RECORD

BIT NO.	3 A
SIZE	12 1/4
MFG.	HW
TYPE	OSC 3A
NOZZLE NO.	3
NOZZLE SIZE	20
SER. NO.	RT 896
DEPTH OUT	424
DEPTH IN	193
TOTAL FTG.	231
TOTAL HR. RUN	17
COND. OF BIT	652
REAMER NO.	
REAMER TYPE	

MUD RECORD

TIME		2:00	4:00
WEIGHT		9.5	9.5
VISC.-SEC		225	250
W.L.-C.C.			
FLTR. CK.			
PH			
SD. CONT. %			
PRESSURE GRADIENT			

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.
GEL	1200		
LIME	100		

DRILLER

FOOTAGE 60

FROM	TO	DR.D RM.R CORE.C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	METHOD RUN SGL.-S PAR'EL-P COM'D-C
364	424	D			120	10	400	7"	50			

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
382	2							

TIME LOG

FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8:00	8:15	1/4	R.G SERV
8:15	10:00	1 3/4	DRILL 12 1/4 HOLE
10.00	11.00	1	REPAIR MUD JET
11.00	12:00	1	DRILL 12 1/4 HOLE
12:00	1.00	1	REPAIR MUD JET AND CLEAN PUMP
1.00	1.30	1/2	DRILL 12 1/4 HOLE
1:30	1:45	1/4	SURVEY
1.45	4:00	2 1/4	CIR - CONDITION MUD + HOLE

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			
	STANDS D.P.		FT.
1	SINGLES D.P.	31.60	FT.
2	D.C. 6 3/4 I.D. O.D.	60.35	FT.
8	D.C. 6 1/4 I.D. O.D.	236.44	FT.
JAR	STB. BODY O.D.	19.24	FT.
	STB. BODY O.D.		FT.
1	RMR. BODY 6 0 O.D.	1.81	FT.
1	SUBS 6 0 O.D.	2.10	FT.
1	BIT OR C.B. S46	3.00	FT.
			FT.
	KELLY DOWN	13.45	FT.
	TOTAL	459	FT.
	WT. OF STRING 44.000		LBS.

BIT RECORD

BIT NO.	4A
SIZE	8 3/4
MFG.	HW
TYPE	X1G
NOZZLE NO.	2 1
NOZZLE SIZE	14 20
SER. NO.	4464
DEPTH OUT	
DEPTH IN	424
TOTAL FTG.	35
TOTAL HR. RUN	3 3/4
COND. OF BIT	03
REAMER NO.	
REAMER TYPE	

MUD RECORD

TIME	8.00	10.00	
WEIGHT	9.5	9.5	
VISC.-SEC	80	150	
W.L.-C.C.			
FLTR. CK			
PH			
SD. CONT. %			
PRESSURE GRADIENT			

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.
GEL	1900#		
[illegible]	50#		

DRILLER

FOOTAGE 35

FROM	TO	DR.D RM.R CORE.C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	METHOD RUN SGL.-S PAR'EL-P COM'D-C
424	459				120	5	600	7"	32	5"		

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
413	3							

TIME LOG

FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	4:15	1/4	R.G SERV
4.15	5:00	3/4	TRIP OUT OF HOLE
5:00	6.30	1 1/2	CHANGE BIT GUN SUCTION TANK REPAIR JET
6:30	7:30	1	RUN IN W/ 8 3/4 BIT
7:30	8:00	1/2	CLEAN TO BOTTOM
8.00	10:00	2	DRILL 8 3/4 HOLE
10.00	10.15	1/4	SURVEY
10.15	12:00	1 3/4	DRILL

WIRE LINE RECORD

REEL NO.	
NO. OF LINES	SIZE
FEET SLIPPED	
FEET CUT OFF	
PRESENT LENGTH	
TON MI. OR TRIPS SINCE LAST CUT	
CUMULATIVE TON MI. OR TRIPS	
NO. OF DAYS FROM SPUD	
CUMULATIVE ROTATING HRS.	

TIME SUMMARY (OFFICE USE ONLY)

DAY WORK			
HRS. W/DP			
HRS. WO/DP			
HRS. STANDBY			
TOTAL DAY WORK			

APPROVED — APPROVED

A.A.O.D.C.--A.P.I. OFFICIAL DAILY DRILLING REPORT FORM

DAILY DRILLING REPORT

REPORT NO. _____ DATE Feb 4/1974

OPERATOR	LEASE	WELL NO.	FIELD OR DIST.	COUNTY	STATE
Trans Prairie Pipe Lines	T.P.P.L. ET AL-CARCAJOU-J-27	J-27	CARCAJOU		N WT

CONTRACTOR: Jennings International Drilling, Division of Pancana Industries Ltd. — RIG NO. ONE

DRILL PIPE STRING NO. / SIZE — TOOL JOINT O.D. — TYPE THD. XH

SIGNATURE OF OPERATOR'S REPRESENTATIVE: A STACH

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: Ora Elliott

PUMPS

NO.	MANUFACTURER	TYPE	STROKE LENGTH
1.	FMSCO	D700	16
2	FMSCO	D500	16
3.			

LAST CASING, TUBING OR LINER

SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. TO CSG. HD.	SET AT	REMARKS

TIME DISTRIBUTION—HOURS

	MORN	DAY	EVE
RIG UP & TEAR DOWN			
DRILLING ACTUAL			
REAMING			
CONDITIONING MUD & CIRCULATING			
TRIPS			
LUBRICATE RIG			
DEVIATION SURVEY			
TEST B.O.P.			
CUT OFF DRILLING LINE			
REPAIR RIG			
CORING			
WIRE LINE LOGGING			
RUNNING CASING & CEMENTING			
WAITING ON CEMENT			
DRILL STEM TEST			
OTHER			
FISHING			
COMPLETION WORK: A. PERFORATING			
B. TUBING TRIPS			
C. SWABBING			
D. TESTING			
E. ADDITIONAL			
TOOLS			

TIME SUMMARY (OFFICE USE ONLY)

DAY WORK	
HRS. W/DP	
HRS. WO/DP	
HRS. STANDBY	
TOTAL DAY WORK	

WIRE LINE RECORD

REEL NO.	
NO. OF LINES / SIZE	
FEET SLIPPED	
FEET CUT OFF	
PRESENT LENGTH	
TON MI. OR TRIPS SINCE LAST CUT	
CUMULATIVE TON MI. OR TRIPS	
NO. OF DAYS FROM SPUD	
CUMULATIVE ROTATING HR.	

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			
	STANDS D.P.		FT.
	SINGLES D.P.		FT.
2	D.C. 6 3/4 I.D. O.D.	60.35	FT.
	D.C. I.D. O.D.		FT.
	STB. BODY O.D.		FT.
	STB. BODY O.D.		FT.
1	RMR. BODY O.D.	1.81	FT.
1	SUBS O.D.	2.10	FT.
	BIT OR C.B.		FT.
1	Bullsub	3.30	FT.
	KELLY DOWN		FT.
	TOTAL		FT.
WT. OF STRING			LBS.

BIT RECORD

BIT NO.	3	
SIZE	12 1/4	
MFG.	HW	
TYPE	OSC3A	
NOZZLE NO.	3	
NOZZLE SIZE	20	
SER. NO.	RT 896	
DEPTH OUT		
DEPTH IN	60	
TOTAL FTG.	198	
TOTAL HR. RUN	4	
COND. OF BIT		
REAMER NO.		
REAMER TYPE		

MUD RECORD

TIME	12.00	3.00	6.00
WEIGHT	8.5	8.9	
VISC.-SEC	40	75	150
W.L.-C.C.			
FLTR. CK.			
PH			
SD. CONT. %			
PRESSURE GRADIENT			

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.
GEL	5300#		
Caustic	100#		

DRILLER: Louie Zak

FOOTAGE

FROM	TO	DR.-D RM.-R CORE.-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	METHOD RUN SGL.-S PAR'EL-P CON'D-C
258												

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION

TIME LOG

FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12.00	12.15	1/4	RIG SERVICE
12.15	12.45	1/2	BLOW KELLY & LINES
12.45	4.00	3 1/4	Build VOLUME IN TANKS
4.00	6.00	2	BLOW KELLY & JET
6.00	8.00	2	finish Build VOLUME MIX MUD

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			
	STANDS D.P.		FT.
	SINGLES D.P.		FT.
2	D.C. 6 3/4 I.D. O.D.	60.35	FT.
4	D.C. 6 1/4 I.D. O.D.	120.09	FT.
5	STB. BODY O.D.	19.24	FT.
	STB. BODY O.D.		FT.
1	RMR. BODY O.D.	1.81	FT.
1	SUBS O.D.	2.10	FT.
	BIT OR C.B.		FT.
1	Bull Sub	3.30	FT.
	KELLY DOWN	18.39	FT.
	TOTAL	230.02	FT.
WT. OF STRING		30,000	LBS.

BIT RECORD

BIT NO.	3-A	
SIZE	12 1/4	
MFG.	HW	
TYPE	OSC3A	
NOZZLE NO.	3	
NOZZLE SIZE	20	
SER. NO.	RT-896	
DEPTH OUT		
DEPTH IN	60	
TOTAL FTG.	198	
TOTAL HR. RUN	4	
COND. OF BIT	In Hole	
REAMER NO.		
REAMER TYPE		

MUD RECORD

TIME	8.30	1.00	3.00
WEIGHT			
VISC.-SEC	140	110	120
W.L.-C.C.			
FLTR. CK.			
PH			
SD. CONT. %			
PRESSURE GRADIENT			

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.
GEL	1500#		
LIME	75#		
CAUSTIC	50#		

DRILLER: R. Lestyn

FOOTAGE

FROM	TO	DR.-D RM.-R CORE.-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	METHOD RUN SGL.-S PAR'EL-P CON'D-C
258												

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION

TIME LOG

FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8.00	8.15	1/4	RIG SERVICE
8.15	3.00	6 3/4	CONDITION MUD (BLOW KELLY EVERY HOUR AND CIRC TIGHT HOLE
3.00	4.00	1	CLEAN HOLE TO BOTTOM

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			
	STANDS D.P.		FT.
	SINGLES D.P.		FT.
2	D.C. 6 3/4 I.D. O.D.	60.35	FT.
5	D.C. 6 1/4 I.D. O.D.	148.75	FT.
5	STB. BODY O.D.	19.24	FT.
	STB. BODY O.D.		FT.
	RMR. BODY O.D.		FT.
1	SUBS O.D.	1.81	FT.
1	BIT OR C.B.	2.10	FT.
1	Bullsub	3.30	FT.
	KELLY DOWN	24.63	FT.
	TOTAL	290	FT.
WT. OF STRING		35,000	LBS.

BIT RECORD

BIT NO.	3-A	
SIZE	12 1/4	
MFG.	HW	
TYPE	OSC3A	
NOZZLE NO.	3	
NOZZLE SIZE	20	
SER. NO.	RT 896	
DEPTH OUT		
DEPTH IN	60	
TOTAL FTG.	290	
TOTAL HR. RUN	7 1/4	
COND. OF BIT		
REAMER NO.		
REAMER TYPE		

MUD RECORD

TIME	5.00	7.00	10.00
WEIGHT		9.2	9.2
VISC.-SEC	120	90	190
W.L.-C.C.			
FLTR. CK			
PH			
SD. CONT. %			
PRESSURE GRADIENT			

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.
GEL	3200#		

DRILLER:

FOOTAGE 32

FROM	TO	DR.-D RM.-R CORE.-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD RUN SGL.-S PAR'EL-P CON'D-C
258	290	D			55	10	300	7"	42	5"		

DEVIATION RECORD: DEPTH 259 — DEV. 1 1/4

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION

TIME LOG

FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4.00	4.15	1/4	RIG SERVICE
4.15	7.45	3 1/2	CLEAN HOLE TO BOTTOM 258'
7.45	10.00	2 1/4	DRILL 12 1/4" HOLE
10:00	11:00	1	SURVEY
11:00	12:00	1	DRILL

TOTAL DAY WORK

APPROVED — APPROVED

A.A.O.D.C.—A.P.I. OFFICIAL DAILY DRILLING REPORT FORM

DAILY DRILLING REPORT — REPORT NO. — DATE Feb 3/1974

OPERATOR: Trans Prairie Pipe Lines

LEASE: T.P.P.L. ETAL-CARCAJOU-J27 — WELL NO. J-27 — FIELD OR DIST. CARCAJOU — COUNTY — STATE

CONTRACTOR: Jennings International Drilling, Division of Pancana Industries Ltd. — RIG NO. ONE

DRILL PIPE STRING NO. — SIZE — TOOL JOINT O.D. — TYPE THD. X H

SIGNATURE OF OPERATOR'S REPRESENTATIVE: R. STACK

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: Ole Bratt

PUMPS

NO.	MANUFACTURER	TYPE	STROKE LENGTH
1.	EMSCO	D700	16
2.	EMSCO	D500	16
3.			

LAST CASING, TUBING OR LINER

SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. TO CSG. HD.	SET AT	REMARKS

MORNING TOUR

TIME DISTRIBUTION—HOURS

	MORN	DAY	EVE
RIG UP & TEAR DOWN			
DRILLING ACTUAL			
REAMING			
CONDITIONING MUD & CIRCULATING			
TRIPS			
LUBRICATE RIG			
DEVIATION SURVEY			
TEST B.O.P.			
CUT OFF DRILLING LINE			
REPAIR RIG			
CORING			
WIRE LINE LOGGING			
RUNNING CASING & CEMENTING			
WAITING ON CEMENT			
DRILL STEM TEST			
OTHER			
FISHING			
COMPLETION WORK A. PERFORATING			
B. TUBING TRIPS			
C. SWABBING			
D. TESTING			
E. ADDITIONAL			
TOTALS			

TIME SUMMARY (OFFICE USE ONLY)

DAY WORK			
HRS. W/DP			
HRS. WO/DP			
HRS. STANDBY			
TOTAL DAY WORK			

WIRE LINE RECORD

REEL NO.

NO. OF LINES — SIZE

FEET SLIPPED

FEET CUT OFF

PRESENT LENGTH

TON MI. OR TRIPS SINCE LAST CUT

CUMULATIVE TON MI. OR TRIPS

NO. OF DAYS FROM SPUD

CUMULATIVE ROTATING HRS.

DRILLING ASSEMBLY AT END OF TOUR

NO.		
	STANDS D.P.	FT.
	SINGLES D.P.	FT.
2	D.C. 6 3/4 I.D. O.D.	603.5 FT.
	D.C. I.D. O.D.	FT.
	STB. BODY O.D.	FT.
	STB. BODY O.D.	FT.
1	RMR. BODY 6 1/2 O.D.	1.81 FT.
1	SUBS 6 1/2 O.D.	2.10 FT.
	BIT OR C.B.	FT.
1	REAMSUB	330 FT.
	KELLY DOWN	41.50 FT.
	TOTAL	258 FT.

WT. OF STRING 30,000 LBS.

BIT RECORD

BIT NO.	3A
SIZE	12 1/4
MFG.	HW
TYPE	OSC3A
NOZZLE NO.	3
NOZZLE SIZE	20
SER. NO.	RT896
DEPTH OUT	
DEPTH IN	60
TOTAL FTG.	198
TOTAL HR. RUN	4
COND. OF BIT	
REAMER NO.	
REAMER TYPE	

MUD RECORD

TIME	1200	3000	6000
WEIGHT	9.0	9.5	
VISC.-SEC	45	155	
W.L.-C.C.			
FLTR. CK.			
PH			
SD. CONT. %			
PRESSURE GRADIENT			

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.
GEL	7500		
LIME	100		

DRILLER: Lonnie Zak

FOOTAGE 43

FROM	TO	DR.D RM.R CORE..C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	METHOD RUN SGL.-S PAR'EL-P COM'D-C
215	258				50	10	750	7"	55			

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION

TIME LOG

FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12:00	12:15	1/4	RIG SERV
12:15	3:00	2 3/4	DRILL 12 1/4 HOLE
3:00	6:30	3 1/2	HOLE CAVING PULL UP 88 FT. STUCK WORK STRING
6:30	7:00	1/2	BACK OFF KELLY & BLOW OUT AT KELLY BACK ON STRG
7:00	8:00	1	MIX MUD WORK FISH

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.		
	STANDS D.P.	FT.
	SINGLES D.P.	FT.
	D.C. I.D. O.D.	FT.
	D.C. I.D. O.D.	FT.
	STB. BODY O.D.	FT.
	STB. BODY O.D.	FT.
	RMR. BODY O.D.	FT.
	SUBS O.D.	FT.
	BIT OR C.B.	FT.
		FT.
	KELLY DOWN	FT.
	TOTAL	FT.

WT. OF STRING LBS.

BIT RECORD

BIT NO.	3A
SIZE	12 1/4
MFG.	HW
TYPE	OSC
NOZZLE NO.	3
NOZZLE SIZE	20
SER. NO.	RT896
DEPTH OUT	
DEPTH IN	60
TOTAL FTG.	198
TOTAL HR. RUN	4
COND. OF BIT	
REAMER NO.	
REAMER TYPE	

MUD RECORD

TIME			
WEIGHT			
VISC.-SEC			
W.L.-C.C.			
FLTR. CK.			
PH			
SD. CONT. %			
PRESSURE GRADIENT			

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.
GEL	1600		
CAUSTIC	100		

DRILLER: R. Lustus

FOOTAGE

FROM	TO	DR.D RM.R CORE..C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	METHOD RUN SGL.-S PAR'EL-P COM'D-C

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION

TIME LOG

FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8:00	8:15	1/4	RIG SERVICE
8:15	12:00	3 3/4	STUCK IN HOLE WORK PIPE
12:00	2:00	2	RUN 65' TUBING AROUND OUTSIDE OF STUCK PIPE
2:00	4:00	2	W/O C/O SUBS. AND CIRC. OUT GRAVEL FOR JARS

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.		
	STANDS D.P.	FT.
	SINGLES D.P.	FT.
	D.C. I.D. O.D.	FT.
	D.C. I.D. O.D.	FT.
	STB. BODY O.D.	FT.
	STB. BODY O.D.	FT.
	RMR. BODY O.D.	FT.
	SUBS O.D.	FT.
	BIT OR C.B.	FT.
		FT.
	KELLY DOWN	FT.
	TOTAL	FT.

WT. OF STRING LBS.

BIT RECORD

BIT NO.	
SIZE	
MFG.	
TYPE	
NOZZLE NO.	
NOZZLE SIZE	
SER. NO.	
DEPTH OUT	
DEPTH IN	
TOTAL FTG.	
TOTAL HR. RUN	
COND. OF BIT	
REAMER NO.	
REAMER TYPE	

MUD RECORD

TIME			
WEIGHT			
VISC.-SEC			
W.L.-C.C.			
FLTR. CK			
PH			
SD. CONT. %			
PRESSURE GRADIENT			

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.

DRILLER

FOOTAGE

FROM	TO	DR.D RM.R CORE..C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	METHOD RUN SGL.-S PAR'EL-P COM'D-C

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION

TIME LOG

FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	4:15	1/4	RIG SERVICE
4:15	5:00	3/4	W/O C/O SUB FOR JARS
5:00	6:00	1	RIG UP JARS
6:00	7:00	1	ATTEMP TO BUMP COLLARS FREE - UNSUCCESSFULL
7:00	8:00	1	RE-POSITION JARS
8:00	8:30	1/2	BUMP LOOSE
8:30	12:00	3 1/2	WORK FISH DOWN TO 1867' CIR. & ROTATE NO UP
			PUMPING AWAY FluID LOOSING APPROX. 6 U.G/HR.

APPROVED — APPROVED

A.A.O.D.C.--A.P.I. OFFICIAL DAILY DRILLING REPORT FORM

DAILY DRILLING REPORT

REPORT NO. — DATE Feb 2/1974

OPERATOR	LEASE	WELL NO.	FIELD OR DIST.	COUNTY	STATE
Trans Prairie Pipe lines	T.P.P.L ETAL CORCATION J-27	J-27			

CONTRACTOR: Jennings International Drilling, Division of Pancana Industries Ltd. — RIG NO. ONE

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: CM Ebbett

DRILL PIPE STRING: NO. — SIZE — TOOL JOINT O.D. — TYPE THD. XH

PUMPS

NO.	MANUFACTURER	TYPE	STROKE LENGTH
1.	EMSCO	D 700	16
2.	EMSCO	D 500	16
3.			

LAST CASING TUBING OR LINER

SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. TO CSG. HD.	SET AT	REMARKS

TIME DISTRIBUTION—HOURS

	MORN	DAY	EVE
RIG UP & TEAR DOWN			
DRILLING ACTUAL		1/4	
REAMING			
CONDITIONING MUD & CIRCULATING		2	
TRIPS		1/2	
LUBRICATE RIG		1/4	
DEVIATION SURVEY			
TEST B.O.P.			
CUT OFF DRILLING LINE			
REPAIR RIG			
CORING			
WIRE LINE LOGGING			
RUNNING CASING & CEMENTING			
WAITING ON CEMENT			
DRILL STEM TEST			
OTHER CLEAN TANKS		4 1/2	
FISHING			
COMPLETION WORK A. PERFORATING			
B. TUBING TRIPS			
C. SWABBING			
D. TESTING			
E. ADDITIONAL			
TOTALS			

TIME SUMMARY (OFFICE USE ONLY)

DAY WORK			
HRS. W/DP			
HRS. WO/DP			
HRS. STANDBY			
TOTAL DAY WORK			

WIRE LINE RECORD

REEL NO.

NO. OF LINES — SIZE

FEET SLIPPED

FEET CUT OFF

PRESENT LENGTH

TON MI. OR TRIPS SINCE LAST CUT

CUMULATIVE TON MI. OR TRIPS

NO. OF DAYS FROM SPUD

CUMULATIVE ROTATING HRS.

MORNING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
	STANDS D.P.		FT.
	SINGLES D.P.		FT.
2	D.C. 6 3/4 I.D. O.D.	6035	FT.
3	D.C. 6 1/4 I.D. O.D.	8442	FT.
	STB. BODY O.D.		FT.
	STB. BODY O.D.		FT.
	RMR. BODY O.D.		FT.
3	SUBS C/O O.D.	6.91	FT.
	BIT OR C.B.		FT.
			FT.
	KELLY DOWN	39.3 Est.	FT.
	TOTAL	191	FT.
	WT. OF STRING	30.000	LBS.

BIT RECORD	
BIT NO.	2A
SIZE	8 3/4
MFG.	HW
TYPE	XIG
NOZZLE NO.	2 1
NOZZLE SIZE	14 20
SER. NO.	63527
DEPTH OUT	
DEPTH IN	100
TOTAL FTG.	
TOTAL HR. RUN	
COND. OF BIT	
REAMER NO.	
REAMER TYPE	

MUD RECORD			
TIME	1200	300	600
WEIGHT			
VISC.-SEC	60	80	90
W.L.-C.C.			
FL.TR. CK.			
PH			
SD. CONT. %			
PRESSURE GRADIENT			

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.
GEL	2300		
LIME	50#		

DRILLER: Louie Zak

FOOTAGE FROM	TO	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	METHOD RUN SGL-S PAR'EL-P COM'D-C
164	190				50	4	600	7"	100	5"	43	
						10						

DEVIATION RECORD	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
	122	3/4							

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12:00	12:15	1/4	RIG SERV
12:15	3:30	3 1/4	DRILL
3:30	3:45	1/4	SURVEY
3:45	8:00	4 1/4	DRILL

DAY TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
	STANDS D.P.		FT.
	SINGLES D.P.		FT.
2	D.C. 6 3/4 I.D. O.D.	6035	FT.
3	D.C. 6 1/4 I.D. O.D.	8442	FT.
	STB. BODY O.D.		FT.
	STB. BODY O.D.		FT.
	RMR. BODY O.D.		FT.
3	SUBS C/O O.D.	6.91	FT.
	BIT OR C.B.		FT.
			FT.
	KELLY DOWN	41.32	FT.
	TOTAL	193.00	FT.
	WT. OF STRING	30,000	LBS.

BIT RECORD	
BIT NO.	2-A
SIZE	8 3/4
MFG.	HW
TYPE	XIG
NOZZLE NO.	2 1
NOZZLE SIZE	14 20
SER. NO.	63527
DEPTH OUT	193
DEPTH IN	100
TOTAL FTG.	93
TOTAL HR. RUN	17
COND. OF BIT	2 1 1
REAMER NO.	
REAMER TYPE	

MUD RECORD			
TIME			
WEIGHT			
VISC.-SEC			
W.L.-C.C.			
FL.TR. CK.			
PH			
SD. CONT. %			
PRESSURE GRADIENT			

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.

DRILLER: R Keeton

FOOTAGE 2 FROM	TO	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	METHOD RUN SGL-S PAR'EL-P COM'D-C
191	193	D			50	1						

DEVIATION RECORD	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8:00	8:15	1/4	RIG SERVICE
8:15	8:45	1/2	WORK ON PUMPS
8:45	9:00	1/4	DRILL 8 3/4" PILOT HOLE
9:00	11:00	2	CIRC HOLE CLEAN
11:00	11:30	1/2	TRIP OUT BIT 2-A
11:30	4:00	4 1/2	PUMP MUD TANKS AND CLEAN GRAVEL out of Bottom OF TANKS

EVENING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
	STANDS D.P.		FT.
	SINGLES D.P.		FT.
2	D.C. 6 3/4" I.D. O.D.	60.35	FT.
1	D.C. 6 3/8 I.D. O.D.	20.09	FT.
	STB. BODY O.D.		FT.
	STB. BODY O.D.		FT.
1	[illegible] BODY O.D.	1.81	FT.
1	SUBS C/O O.D.	2.10	FT.
	BIT OR C.B.		FT.
1	BELL SUB	3.30	FT.
	KELLY DOWN	27.35	FT.
	TOTAL	215	FT.
	WT. OF STRING	30:000	LBS.

BIT RECORD	
BIT NO.	3-A
SIZE	12 1/4
MFG.	HW
TYPE	OSC
NOZZLE NO.	3
NOZZLE SIZE	20
SER. NO.	RR1896
DEPTH OUT	
DEPTH IN	60
TOTAL FTG.	25
TOTAL HR. RUN	1 1/4
COND. OF BIT	
REAMER NO.	
REAMER TYPE	

MUD RECORD			
TIME	800	1100	
WEIGHT	8.5	8.5	
VISC.-SEC	25	30	
W.L.-C.C.			
FL.TR. CK			
PH			
SD. CONT. %			
PRESSURE GRADIENT			

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.
GEL	4100#		
LIME	150#		

DRILLER

FOOTAGE 25 FROM	TO	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	METHOD RUN SGL-S PAR'EL-P COM'D-C
60	190	RM			50	10	650	7"	55			
190	215	DR										

DEVIATION RECORD	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
	169	3/4							

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	4:15	1/4	RIG SERVICE
4:15	6:00	1 3/4	CLEAN out PUMPS AND WORK ON CELLAR JET
6:00	10:00	4	REAM 8 3/4 TO 12 1/4 ~~FROM~~ 60 ft. - TO 191
10:00	10:15	1/4	SURVEY
10:15	10:45	3/4	~~REAM~~ REAM 8 3/4 TO 12 1/4 HOLE TO 193
10:45	12:00	1 1/4	DRILL 12 1/4 HOLE

APPROVED — APPROVED

A.A.O.D.C.—A.P.I. OFFICIAL DAILY DRILLING REPORT FORM

DAILY DRILLING REPORT — REPORT NO. — DATE Feb 1/1974

OPERATOR: Trans Canada Pipe Lines

LEASE: T.P.P.L. CAREAJOU J-27

WELL NO.: J-27 — FIELD OR DIST. — COUNTY — STATE

CONTRACTOR: Jennings International Drilling, Division of Pancana Industries Ltd.

RIG NO.: #2

DRILL PIPE STRING: NO. — SIZE — TYPE TND. — TOOL JOINT O.D.

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: C.M. Abbott

PUMPS

NO.	MANUFACTURER	TYPE	STROKE LENGTH
1	EMSCO	D 700	16
2	EMSCO	D500	16
3			

LAST CASING TUBING OR LINER

SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. TO CSG. HD.	SET AT	REMARKS

TIME DISTRIBUTION—HOURS

	MORN	DAY	EVE
RIG UP & TEAR DOWN			
DRILLING ACTUAL			
REAMING			
CONDITIONING MUD & CIRCULATING			
TRIPS			
LUBRICATE RIG			
DEVIATION SURVEY			
TEST B.O.P.			
CUT OFF DRILLING LINE			
REPAIR RIG			
CORING			
WIRE LINE LOGGING			
RUNNING CASING & CEMENTING			
WAITING ON CEMENT			
DRILL STEM TEST			
OTHER			
FISHING			
COMPLETION WORK A. PERFORATING			
B. TUBING TRIPS			
C. SWABBING			
D. TESTING			
E. ADDITIONAL			
TOTALS			

TIME SUMMARY (OFFICE USE ONLY)

DAY WORK	
HRS. W/DP	
HRS. WO/DP	
HRS. STANDBY	
TOTAL DAY WORK	

WIRE LINE RECORD

REEL NO.	
NO. OF LINES / SIZE	
FEET SLIPPED	
FEET CUT OFF	
PRESENT LENGTH	
TON M. OR TRIPS SINCE LAST CUT	
CUMULATIVE TON M. OR TRIPS	
NO. OF DAYS FROM SPUD	
CUMULATIVE ROTATING HRS.	

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			FT.
	STANDS D.P.		FT.
	SINGLES D.P.		FT.
2	D.C. 6 3/4 I.D.	O.D.	60.35 FT.
	D.C. I.D.	O.D.	FT.
	STB. BODY	O.D.	FT.
	STB. BODY	O.D.	FT.
	RMR. BODY	O.D.	FT.
	SUBS	O.D.	FT.
	BIT OR C.B.		FT.
			FT.
	KELLY DOWN		25.84 FT.
	TOTAL		91.00 FT.
	WT. OF STRING		23000 LBS.

BIT RECORD

BIT NO.	1A	
SIZE	8 3/4	
MFG.	HW	
TYPE	OSC1G	
NOZZLE NO.	2	
NOZZLE SIZE	13 11	
SER. NO.	63604	
DEPTH OUT		
DEPTH IN	0	
TOTAL FTG.	91	
TOTAL HR. RUN	7 3/4	
COND. OF BIT	OB	
REAMER NO.		
REAMER TYPE		

MUD RECORD

TIME				
WEIGHT				
VISC.-SEC	90			
W.L.-C.C.				
FL.TR. CK.				
PH				
SD. CONT. %				
PRESSURE GRADIENT				

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.
GEL	2300#		
LIME	50#		

DRILLER: Louie Zale

FOOTAGE 91

FROM	TO	DR.D RM.R CORE.C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD RUN SCL-S PAR'EL-P COM'D-C
0	91			GRAVEL & SAND 35 FT.	90	3	800	7"	43	5"		
				SPUDDED 12:11 AM FEB 1/1974								

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION

TIME LOG

FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
1200	1215	1/4	R.C SERVICE
1215	8:00	7 3/4	SPUD DRILL 8 3/4 PILOT HOLE

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			FT.
	STANDS D.P.		FT.
	SINGLES D.P.		FT.
2	D.C. 6 3/4" I.D.	O.D.	60.35 FT.
	D.C. I.D.	O.D.	FT.
	STB. BODY	O.D.	FT.
	STB. BODY	O.D.	FT.
	RMR. BODY	O.D.	FT.
2	SUBS	O.D.	4.81 FT.
	BIT OR C.B.		FT.
			FT.
	KELLY DOWN		40.84 FT.
	TOTAL		106.00 FT.
	WT. OF STRING		23,000 LBS.

BIT RECORD

BIT NO.	1-A	2-A	
SIZE	8 3/4	8 3/4	
MFG.	HW	HW	
TYPE	XIG	XIG	
NOZZLE NO.	2	2	
NOZZLE SIZE	13 11	14 20	
SER. NO.	63604	63527	
DEPTH OUT	100		
DEPTH IN	0	100	
TOTAL FTG.	100	6	
TOTAL HR. RUN	10 1/2	4	
COND. OF BIT	8/8/1		
REAMER NO.			
REAMER TYPE			

MUD RECORD

TIME	8:00	11	3:00
WEIGHT			
VISC.-SEC	35	32	40
W.L.-C.C.			
FL.TR. CK.			
PH			
SD. CONT. %			
PRESSURE GRADIENT			

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.
GEL	3500#		
LIME	100#		

DRILLER: R. Lestus

FOOTAGE 9

FROM	TO	DR.D RM.R CORE.C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	METHOD RUN SCL-S PAR'EL-P COM'D-C
91	100	D			50	4M	400	7"	45			

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION

TIME LOG

FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
800	815	1/4	RIG SERVICE
815	1100	2 3/4	DRILL 8 3/4" PILOT HOLE
1100	1200	1	TRIP BIT #1-A
1200	400	4	DRILL 8 3/4" PILOT HOLE SLUFFING GRAVEL

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			FT.
	STANDS D.P.		FT.
	SINGLES D.P.		FT.
2	D.C. 6 3/4 I.D.	O.D.	60.35 FT.
2	D.C. 6 1/4 I.D.	O.D.	55.70 FT.
	STB. BODY	O.D.	FT.
	STB. BODY	O.D.	FT.
	RMR. BODY	O.D.	FT.
3	SUBS	O.D.	6.91 FT.
	BIT OR C.B.		FT.
			FT.
	KELLY DOWN		25.04 FT.
	TOTAL		148. FT.
	WT. OF STRING		5.000 LBS.

BIT RECORD

BIT NO.	2-A	
SIZE	8 3/4	
MFG.	HW	
TYPE	XIG	
NOZZLE NO.	2	
NOZZLE SIZE	1420	
SER. NO.	63527	
DEPTH OUT		
DEPTH IN	100	
TOTAL FTG.	148	
TOTAL HR. RUN	9 3/4	
COND. OF BIT		
REAMER NO.		
REAMER TYPE		

MUD RECORD

TIME	5:00	8:00	
WEIGHT		8.4	
VISC.-SEC	80	75	
W.L.-C.C.			
FL.TR. CK.			
PH			
SD. CONT. %			
PRESSURE GRADIENT			

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.

DRILLER

FOOTAGE 42

FROM	TO	DR.D RM.R CORE.C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	METHOD RUN SCL-S PAR'EL-P COM'D-C
106	148	D			50	3	400	4 3/4		5		

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
906	1 1/2°							

TIME LOG

FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
400	415	1/4	RIG SERVICE
415	530	1 1/4	CIRC + CLEAN HOLE
530	630	1	DRILL 8 3/4" PILOT HOLE
630	700	1/2	CIRC TO CLEAN HOLE FOR SURVEY
700	715	1/4	SURVEY
715	12:00	4 3/4	DRILL 8 3/4 PILOT HOLE

J.W.N. SINCLAIR

APPROVED — APPROVED

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