

CS LAFERTE RIVER

0-15

Drilling Authority No. 251
Date Issued 20-12-66

WELL NAME CS Lafort River 0-15
FIELD Wildcat
LOCATION: Unit 0 Area: 15 Grid 61-40 - 118-45
Latitude 61-34-52.5 Longitude 118-47-34-6825
From Established Reference Marker

U.I.A.F. L.R. - 61.58125 - 118.79296
U.W. I. No. 2000156140118450

Rig Release Date: 15-3-67
Status O.A.
Information Release Date

CHANGE OF NAME:

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



Drilling Authority No. 251
Dec 20/67
Date Issued

DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT
RESOURCE MANAGEMENT DIVISION

WELL COMPLETION DATA

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

Well name and number CS LAFERTE RIVER 0-15
Permit No. 4014 Lease No.
Canada-Cities Service Pats. Corp. Exploratory Licence No. 1022
(Permitter, Licensee, Lessee)
Canada-Cities Service Pats. Corp. Exploratory Licence No. 1022
(Operator)
Location: Unit 0 Section 15 Grid 61°40'N Lat, 118°45'W Long
Latitude 61° 34' 52.5" N Longitude 118° 47' 34.6825" W
From Established Reference Marker
Universal Well Location Reference Lat. 61.58125° N. Long. 118.79296° W.

	DATE	DEPTH	Pool(s)
Spudded	Feb 22/67		Interval(s) open to production
Suspended			
Resumed Operations			
Finished Drilling	Mar 12/67	1951'	
Deepened			Elevation: Gr. 731 K.B. 737
Complete (gas/oil)			Rig No. 5
Abandoned	Mar 15/67		Drilling Contractor Tri City Drilling
Rig released	Mar 15/67		Contractor's Business Licence No. 18121

CASING RECORD

Casing Size (Inches)	Grade	Weight	Amount	Set of -	Sacks of Cement and Additives
7"	T&C		240.3	240.3	100 sxs cement & 2 sxs CaCl ₂
1.					
2.					
3.					
4.					
5.					
6.					

GEOLOGICAL TOPS	ELEVATION		CORE RECORD					
	Depth	Sub-Sea	From	To	Rec.	From	To	Rec.
Pine Pt.	1529	-792	1657	1667	9'8"			
Pre-Camb	1949	-1212						

LOG RECORD				
Run No.	Type of Log	From	To	
1	Schlumberger IES	1956	245	
1	Schlumberger GR-Density	1955	245	
1	" " GR-Sonic	1955	245	
1	Widco E. Log	1950	240	
1	" " Gamma Ray	1950	0	

CEMENTING RECORD (Plug, Squeeze, etc.)				PERFORATING RECORD (Bullet, Jet)				SERVICING RECORD (Acidizing, Fracing, etc.)			
Date	From	To	Remarks	Date	From	To	Remarks	Date	From	To	Remarks
Mar 14/67	1951'	1450'	125 sxs cement								
Mar 15/67	300'	surface	60 sxs cement								
			screwed on plate								

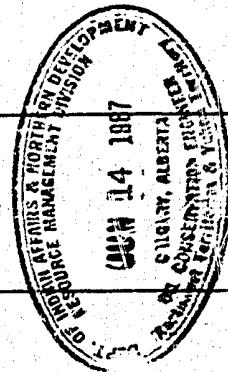
DRILL STEM TESTS

No.	Date	Formation	From	To	V.O. Mins.	I.S.I. Mins.	P.S.I. Mins.	I.S.I.R.H.P.	F.S.I.B.H.P.	L.P.R.H.P.	F.F.R.H.P.	L.H.P.	F.H.P.	REMARKS
1	Mar 14/67	Pine Pt.	1545	1760								854	582	Mis-run
2	Mar 14/67	Pine Pt.	1541	1760								856	849	Mis-run, seat failure.

ANALYSIS				PRESENT STATUS OF WELL			
Lab. No.	Sample	From	To	Source	Remarks	Oil	(Interval)
						Gas	(Interval)
						Dry	
						Susp.	

Company **Canada-Cities Service Petroleum Corp.**
Signed by *[Signature]*
Title **Chief Geologist**
Date **May 16th, 1967**

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





DEPARTMENT OF NORTHERN AFFAIRS AND NATIONAL DEVELOPMENT
Regional Homelessness 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 CS LAFERTE RIVER Q-15
 Location: Unit 0 Section 15 Grid 61°40' N. Lat 118°45' W
 Latitude 61°34' 52.5" N Longitude 118° 42' 34.682" W
 From Established Reference Marker

Permit No. 4054 Lease No. Canada-Cities Service Petr. Corp.
(Permitted Licensee)

Date of commencement of proposed program.....

OIL, GAS, AND WATER ENCOUNTERED (Depths)

Oil at
Gas at
Water at
Total Depth 1951 Date of last operations March 15th, 1967
Present condition of well

CASING RECORD

Coating Size O.D. Inches	Weight	Amount	Set At—	Back of Cement and Additives	Amount Pulled
1. 7"	-	240.3	240.3	100 sxs cement @ 2 sxs CaCl ₂	None
2.					
3.					
4.					
5.					

PROPOSED ABANDONMENT PROGRAM

Plug		Geological Formation	Number of Cores of Core	Remarks
No.	Position			
1	1951' - 1450'	Pre-Cambrian to U. Dev.	100 sxs	
2	300' surf	U. Dev. - Glacial Drift	50 sxs	
		Screwed on plate March 15th. 1967		

The following logs have been run..... Widco E. Log & Gamma Ray; Schlumberger ICS, BHC-SGR-C
Other operations proposed..... Density

Operations to be carried out by Tri-City Drilling Co. Contractor Licence No. 18121
Address 14305-120 Ave. Edmonton, Alta. Address
Responsible Agent in field Mr. F.M. Dwyer
Dated at Calgary, this 31st Day of March 19. 67
Signed by [Signature] Company Canada-Cities Service Petr. Corp.
Title Chief Geologist Operator's Exploratory Licence No. 1022

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

(For RESOURCE MANAGEMENT DIVISION use only)

APPROVAL

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

Dated 3rd April, 1962

Oil Conservation Engineer



**DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT
RESOURCE MANAGEMENT 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 CS LAFERTE RIVER 0-15
Location: Unit 0 Section 15 Grid 61°40' N. Lat 118°45' W Lon
Latitude 61° 34' 52.5" N Longitude 118° 47' 34.6825" W
From Established Reference Marker

Elevation: Ground 730 K.B. feet above sea-level.
Well is expected to produce from Slave Point formation at a depth
of about 1470 feet.

Area assigned to well

(for Oil Conservation Engineer's use only)

Permit No. 4054 Lease No. Acreage 60,948 acres
Permittee, licensee, or lessee Canada-Cities Service Petroleum Corporation
Exploratory Licence No. 1022
Surface owned by Crown or Crown
(If alienated submit name and address of owner and occupant.)

Petroleum and natural-gas rights owned by Crown

We propose to use the following strings of casing, either cementing or landing them as indicated below:—

Casing Size O.D. (Inches)	Weight (Lb./Ft.)	Grade	Brand	New or Used	Estimated Depth	Sections of Cement
1. <u>7"</u>		<u>J-55</u>		<u>New</u>	<u>220'</u>	
2.						
3.						
4.						
5.						

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

All horizons to be controlled with drilling fluid of proper density.
BOP's 8" - 600 series, double Guibersons 2 3/8" Rams and Blind Rams

Well will be drilled with (Rotary) Rig No. 5 by Tri-City Drilling Co. Ltd.
(Cable) (Drilling Contractor or company)

14305 - 120 Avenue, Edmonton, Alberta.

Responsible agent of applicant:—

Contractor's Business Licence No. 24241

At well Mr. F.M. Dwyer At registered office Mr. W.J. Mooney

Address 1100 Calgary House, Calgary Address 1100 Calgary House, 6th. Ave, SW, Calgary

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

Dated at Calgary this 14th day of December 19 66

Signed by W.J. Mooney Company Canada-Cities Service Petr. Corp.
Title Chief Geologist Operator's Licence No. 1022

(For Resource Management Division use only)

APPROVED

This application has been examined and approved subject to the following conditions:—
The Company will submit to this office, on Tuesday of each week, the
latest reports received by radio on the progress of the well.

Dated 20th December 19 66

Beth Thomas
Oil Conservation Engineer

Forms to be submitted to Oil Conservation Engineer, Calgary, Alberta.

BOARD DAY WORK RECORD
NOTE—Please show FOOTAGE made while "Control Drilling" as well as HOURS.

Totco Ring on Bit No. _____ D.P. Calipered Date _____ Results _____ From Pipe Rack _____ Total Contractor Time _____ Hrs. Toolpusher _____
B.O.P. Test-Operated _____ Time _____ Results _____ Total Company Time _____ Hrs. Approved by _____

TRI-CITY DRILLING LTD.

DAILY DRILLING REPORT

BOARD DAY WORK RECORD
NOTE—Please show FOOTAGE made while "Control Drilling" as well as HOURS.

RIG No. 5 LOCATION La Jerte river 0-15 AREA _____ DATE March 14 1967

Tour — Midnight - 8 a.m.		From	Footage	To	Hrs. on Bottom	Wt. Drill String (1000 lbs.)	DRILL COLLARS				FUEL	WATER	COAL	Stands
Specify actual hours worked	Hrs.	No.	Size	Type	Size Jets	Serial No.	Weight	R.P.M.	Ft. Drilled	Hrs.	Feet Reamed	Hrs.	CONDITION	D. Collars
Driller <u>Jim Hatcher</u>	<u>8</u>													
Derrick <u>Chasit Black</u>	<u>8</u>													
Floor <u>Adrian</u>														
Floor <u>Abrahamson</u>	<u>8</u>													
Motor														
Mechanic														
Extra														
Injuries														
Fires														
Tour — 8 a.m. to 4 p.m.		From	Footage	To	Hrs. on Bottom	Wt. Drill String (1000 lbs.)	DRILL COLLARS				FUEL	WATER	COAL	Stands
Specify actual hours worked	Hrs.	No.	Size	Type	Size Jets	Serial No.	Weight	R.P.M.	Ft. Drilled	Hrs.	Feet Reamed	Hrs.	CONDITION	D. Collars
Driller <u>Jim Hamford</u>	<u>8</u>													
Derrick <u>John</u>														
Floor <u>Butashuk</u>	<u>8</u>													
Floor <u>Don Black</u>	<u>8</u>													
Motor														
Mechanic <u>A. Gray</u>	<u>9</u>													
Extra <u>Roller</u>	<u>8</u>													
Injuries														
Fires														
Tour — 4 p.m. to Midnight		From	Footage	To	Hrs. on Bottom	Wt. Drill String (1000 lbs.)	DRILL COLLARS				FUEL	WATER	COAL	Stands
Specify actual hours worked	Hrs.	No.	Size	Type	Size Jets	Serial No.	Weight	R.P.M.	Ft. Drilled	Hrs.	Feet Reamed	Hrs.	CONDITION	D. Collars
Driller <u>Adrian Withers</u>	<u>8</u>													
Derrick <u>Ken Blyth</u>	<u>8</u>													
Floor <u>Ken Blyth</u>	<u>8</u>													
Floor														
Motor														
Mechanic														
Extra														
Injuries														
Fires														

REMARKS	Start	Stop	Interval
<u>Circulate 30 min. and trip out</u>	<u>00:00</u>	<u>02:00</u>	
<u>Run Johnston Test (No 1)</u>	<u>02:00</u>	<u>04:00</u>	
<u>Wait for test</u>	<u>04:00</u>	<u>08:00</u>	
<u>Test</u>			
<u>TOP PACKER - 1545</u>			
<u>BOT. PACKER - 1760</u>			
<u>TEST No. 1 was a Miss - Run</u>			
<u>Run Johnston test and break it down</u>	<u>08:00</u>	<u>11:00</u>	
<u>Run Johnston test No 2</u>	<u>11:00</u>	<u>09:30</u>	
<u>Wait for test</u>	<u>13:30</u>	<u>16:00</u>	
<u>Run Johnston test and break it down</u>	<u>16:00</u>	<u>20:00</u>	
<u>TOP PACKER - 1541</u>			
<u>BOT. PACKER - 1760</u>			
<u>TEST #2 - Miss Run</u>			
<u>Wait on Test</u>	<u>16:00</u>	<u>16:30</u>	
<u>Run test and break down</u>	<u>16:30</u>	<u>20:00</u>	
<u>Trips in a run Plug #1</u>	<u>20:00</u>	<u>24:00</u>	
<u>#1 Plug at 1950 - 1450 ft</u>			
<u>110 bags cement</u>			

Totco Ring on Bit No. _____ D.P. Calipered Date _____ Results _____ From Pipe Rack _____
B.O.P. Test Operated _____ Time _____ Results _____

Total Contractor Time _____ Hrs. Toolpusher _____
Total Company Time _____ Hrs. Approved by _____

DAILY DRILLING REPORT

BOARD DAY WORK RECORD

NOTE—Please show FOOTAGE made while "Control Drilling" as well as HOURS.

FIG No. 5 LOCATION La Jerte river 0-15' AREA _____ DATE March 13 1967

REMARKS

Time		
Start	Stop	Interval

Tour - Midnight - 8 a.m.		From										To										Hrs. on Bottom										Wt. Drill String (1000 lbs.)										DRILL COLLARS										FUEL										WATER										COAL										Strands									
Specify actual hours worked		Hrs.		No.		O.D.		I.D.		Wgt.		Gals.		Bbls.		Tons		Singles		D. Collars		Other Ft.		C.B. Ft.		Subs. Ft.		Ft. Up On Kelly		TOTAL																																																													
Driller	E. H. Hatcher		8		No.		Size		Type		Size Jets		Serial No.		Weight		R.P.M.		Ft. Drilled		Hrs.		Feet Reamed		Hrs.		CONDITION		D. Collars																																																														
Derrick	James Black		8		No.		Size		Type		Size Jets		Serial No.		Weight		R.P.M.		Ft. Drilled		Hrs.		Feet Reamed		Hrs.		CONDITION		D. Collars																																																														
Floor	A. H. Hatcher		8		No.		Size		Type		Size Jets		Serial No.		Weight		R.P.M.		Ft. Drilled		Hrs.		Feet Reamed		Hrs.		CONDITION		D. Collars																																																														
Floor	A. H. Hatcher		8		No.		Size		Type		Size Jets		Serial No.		Weight		R.P.M.		Ft. Drilled		Hrs.		Feet Reamed		Hrs.		CONDITION		D. Collars																																																														
Floor	A. H. Hatcher		8		No.		Size		Type		Size Jets		Serial No.		Weight		R.P.M.		Ft. Drilled		Hrs.		Feet Reamed		Hrs.		CONDITION		D. Collars																																																														
Floor	A. H. Hatcher		8		No.		Size		Type		Size Jets		Serial No.		Weight		R.P.M.		Ft. Drilled		Hrs.		Feet Reamed		Hrs.		CONDITION		D. Collars																																																														
Floor	A. H. Hatcher		8		No.		Size		Type		Size Jets		Serial No.		Weight		R.P.M.		Ft. Drilled		Hrs.		Feet Reamed		Hrs.		CONDITION		D. Collars																																																														
Floor	A. H. Hatcher		8		No.		Size		Type		Size Jets		Serial No.		Weight		R.P.M.		Ft. Drilled		Hrs.		Feet Reamed		Hrs.		CONDITION		D. Collars																																																														
Floor	A. H. Hatcher		8		No.		Size		Type		Size Jets		Serial No.		Weight		R.P.M.		Ft. Drilled		Hrs.		Feet Reamed		Hrs.		CONDITION		D. Collars																																																														
Floor	A. H. Hatcher		8		No.		Size		Type		Size Jets		Serial No.		Weight		R.P.M.		Ft. Drilled		Hrs.		Feet Reamed		Hrs.		CONDITION		D. Collars																																																														
Floor	A. H. Hatcher		8		No.		Size		Type		Size Jets		Serial No.		Weight		R.P.M.		Ft. Drilled		Hrs.		Feet Reamed		Hrs.		CONDITION		D. Collars																																																														
Floor	A. H. Hatcher		8		No.		Size		Type		Size Jets		Serial No.		Weight		R.P.M.		Ft. Drilled		Hrs.		Feet Reamed		Hrs.		CONDITION		D. Collars																																																														
Floor	A. H. Hatcher		8		No.		Size		Type		Size Jets		Serial No.		Weight		R.P.M.		Ft. Drilled		Hrs.		Feet Reamed		Hrs.		CONDITION		D. Collars																																																														
Floor	A. H. Hatcher		8		No.		Size		Type		Size Jets		Serial No.		Weight		R.P.M.		Ft. Drilled		Hrs.		Feet Reamed		Hrs.		CONDITION		D. Collars																																																														
Floor	A. H. Hatcher		8		No.		Size		Type		Size Jets		Serial No.		Weight		R.P.M.		Ft. Drilled		Hrs.		Feet Reamed		Hrs.		CONDITION		D. Collars																																																														
Floor	A. H. Hatcher		8		No.		Size		Type		Size Jets		Serial No.		Weight		R.P.M.		Ft. Drilled		Hrs.		Feet Reamed		Hrs.		CONDITION		D. Collars																																																														
Floor	A. H. Hatcher		8		No.		Size		Type		Size Jets		Serial No.		Weight		R.P.M.		Ft. Drilled		Hrs.		Feet Reamed		Hrs.		CONDITION		D. Collars																																																														
Floor	A. H. Hatcher		8		No.		Size		Type		Size Jets		Serial No.		Weight		R.P.M.		Ft. Drilled		Hrs.		Feet Reamed		Hrs.		CONDITION		D. Collars																																																														
Floor	A. H. Hatcher		8		No.		Size		Type		Size Jets		Serial No.		Weight		R.P.M.		Ft. Drilled		Hrs.		Feet Reamed		Hrs.		CONDITION		D. Collars																																																														
Floor	A. H. Hatcher		8		No.		Size		Type		Size Jets		Serial No.		Weight		R.P.M.		Ft. Drilled		Hrs.		Feet Reamed		Hrs.		CONDITION		D. Collars																																																														
Floor	A. H. Hatcher		8		No.		Size		Type		Size Jets		Serial No.		Weight		R.P.M.		Ft. Drilled		Hrs.		Feet Reamed		Hrs.		CONDITION		D. Collars																																																														
Floor	A. H. Hatcher		8		No.		Size		Type		Size Jets		Serial No.		Weight		R.P.M.		Ft. Drilled		Hrs.		Feet Reamed		Hrs.		CONDITION		D. Collars																																																														
Floor	A. H. Hatcher		8		No.		Size		Type		Size Jets		Serial No.		Weight		R.P.M.		Ft. Drilled		Hrs.		Feet Re																																																																				

Total Ring on Bit No. _____ D.P. Calipered Date _____ Results _____ From Pipe Rack _____
B.O.P. Test-Operated _____ Time _____ Results _____

Total Contractor Time _____ Hrs. Toolpusher _____
Total Company Time _____ Hrs. Approved by _____

TEB-CITY DRILLING LTD.

DAILY DRILLING REPORT

BOARD DAY WORK RECORD

NOTE—Please show FOOTAGE made while "Control Drilling" as well as HOURS.

RIG No. 5 LOCATION La ferte river 0-15 AREA DATE March 12 1967

Tour — Midnight - 8 a.m.		From	Footage	To	Hrs. on Bottom	Wt. Drill String (1000 lbs.)	DRILL COLLARS			FUEL	WATER	COAL	Stands	REMARKS	Time			
Specify actual hours worked	Hrs.					No.	O.D.	I.D.	Wgt.	Gals.	Bbls.	Tons			Start	Stop	Interval	
Driller <u>A. J. Hatcher</u>	8													<u>Fishing for drill pipe</u>	<u>00:00</u>	<u>05:00</u>		
Derrick <u>Barnet black</u>	8																	
Floor <u>A. J. Hatcher</u>	8																	
Floor <u>Abrahamson</u>	9																	
Motor																		
Mechanic																		
Extra																		
Injuries																		
Fires																		
Tour — 8 a.m. to 4 p.m.		From	Footage	To	Hrs. on Bottom	Wt. Drill String (1000 lbs.)	DRILL COLLARS			FUEL	WATER	COAL	Stands	<u>Trapping float fish</u>	<u>05:00</u>	<u>10:00</u>		
Specify actual hours worked	Hrs.						No.	O.D.	I.D.	Wgt.	Gals.	Bbls.	Tons					
Driller <u>John Hatcher</u>	8																	
Derrick <u>John B.</u>	8																	
Floor <u>Barnet black</u>	8																	
Floor <u>Abrahamson</u>	9																	
Motor																		
Mechanic <u>A. J. Hatcher</u>	9																	
Extra <u>Roller</u>	8																	
Injuries																		
Fires																		
Tour — 4 p.m. to Midnight		From	Footage	To	Hrs. on Bottom	Wt. Drill String (1000 lbs.)	DRILL COLLARS			FUEL	WATER	COAL	Stands	<u>Drilling</u>	<u>16:00</u>	<u>22:00</u>		
Specify actual hours worked	Hrs.						No.	O.D.	I.D.	Wgt.	Gals.	Bbls.	Tons					
Driller <u>A. J. Hatcher</u>	8																	
Derrick <u>Barnet black</u>	8																	
Floor <u>Abrahamson</u>	8																	
Floor																		
Motor																		
Mechanic																		
Extra																		
Injuries																		
Fires																		

Totco Ring on Bit No. _____ D.P. Calipered Date _____ Results _____ From Pipe Rack _____
 B.O.P. Test-Operated _____ Time _____ Results _____

Total Contractor Time _____ Hrs. Toolpusher _____
 Total Company Time _____ Hrs. Approved by _____

TRI-CITY DRILLING LTD.

DAILY DRILLING REPORT

BOARD DAY WORK RECORD

RIG No. 5 LOCATION La Jerte river

0-15

AREA

DATE March 11 1967

NOTE—Please show FOOTAGE made while "Control Drilling" as well as HOURS.

Tour — Midnight - 8 a.m.

Specify actual hours worked Hrs.

Driller Alvin Hatcher 8

Derrick Alvin 8

Floor Harshamson 8

Floor Samuel Clark 8

Motor

Mechanic

Extra

Injuries

Fires

From	Footage	To	Hrs. on Bottom	Wt. Drill String (1000 lbs.)	DRILL COLLARS				FUEL	WATER	COAL	Stands				
1986	27	1913			No.	O.D.	I.D.	Wgt.	Gals.	Bbls.	Tons	Singles				
B I T S				No.	Size	Type	Size Jets	Serial No.	Weight	R.P.M.	Ft. Drilled	Hrs.	Feet Reamed	Hrs.	CONDITION	D. Collars
								82596			27	7				Other Ft.
MUD				12 Mn.	2 a.m.	4 a.m.	6 a.m.	Additives	At Surveys Degree				MOTOR HOURS	Next Oil Change	C.B. Ft.	
WEIGHT												1		Subs. Ft.		
VISCOSITY												2		Ft. Up On Kelly		
GEL												3		TOTAL		
P U M P S				No. 1	Pressure									4		
				Model	S.P.M.									5		
				Liner Size											Next Slip	
				No. 2	Pressure											
				Model	S.P.M.											
				Liner Size												
W.L.				F.C.	pH.											

REMARKS

Time

Start Stop Interval

Drilling

Tipping

00:00 07:00

07:00 08:00

Tour — 8 a.m. to 4 p.m.

Specify actual hours worked Hrs.

Driller John Handford 8

Derrick John 8

Floor Butarhub 8

Floor Don Clark 8

Motor

Mechanic A. Gray 9

Extra 1 Miller 8

Injuries

Fires

From	Footage	To	Hrs. on Bottom	Wt. Drill String (1000 lbs.)	DRILL COLLARS				FUEL	WATER	COAL	Stands				
					No.	O.D.	I.D.	Wgt.	Gals.	Bbls.	Tons	Singles				
B I T S				No.	Size	Type	Size Jets	Serial No.	Weight	R.P.M.	Ft. Drilled	Hrs.	Feet Reamed	Hrs.	CONDITION	D. Collars
																Other Ft.
MUD				8 a.m.	10 a.m.	12 Noon	2 p.m.	Additives	At Surveys Degree				MOTOR HOURS	Next Oil Change	C.B. Ft.	
WEIGHT												1		Subs. Ft.		
VISCOSITY												2		Ft. Up On Kelly		
GEL												3		TOTAL		
P U M P S				No. 1	Pressure									4		
				Model	S.P.M.									5		
				Liner Size											Next Slip	
				No. 2	Pressure											
				Model	S.P.M.											
				Liner Size												
W.L.				F.C.	pH.											

Company Time

Cont'r Time

Fishing for drill pipe

that twisted off

80:00

16:00

Tour — 4 p.m. to Midnight

Specify actual hours worked Hrs.

Driller Alvin Hatcher 8

Derrick Butarhub 8

Floor Vern Clark 8

Motor

Mechanic

Extra

Injuries

Fires

From	Footage	To	Hrs. on Bottom	Wt. Drill String (1000 lbs.)	DRILL COLLARS				FUEL	WATER	COAL	Stands				
					No.	O.D.	I.D.	Wgt.	Gals.	Bbls.	Tons	Singles				
B I T S				No.	Size	Type	Size Jets	Serial No.	Weight	R.P.M.	Ft. Drilled	Hrs.	Feet Reamed	Hrs.	CONDITION	D. Collars
																Other Ft.
MUD				4 p.m.	6 p.m.	8 p.m.	10 p.m.	Additives	At Surveys Degree				MOTOR HOURS	Next Oil Change	C.B. Ft.	
WEIGHT												1		Subs. Ft.		
VISCOSITY												2		Ft. Up On Kelly		
GEL												3		TOTAL		
P U M P S				No. 1	Pressure									4		
				Model	S.P.M.									5		
				Liner Size											Next Slip	
				No. 2	Pressure											
				Model	S.P.M.											
				Liner Size												
W.L.				F.C.	pH.											

Company Time

Cont'r Time

Fishing for drill pipe

that twisted off

06:00

27:00

To/Co Ring on Bit No.

D.P. Calipered Date

Results

From Pipe Rack

B.O.P. Test-Operated

Time

Results

Total Contractor Time Hrs.

Toolpusher

Total Company Time Hrs.

Approved by

TRI-CITY DRILLING LTD.

DAILY DRILLING REPORT

BOARD DAY WORK RECORD
NOTE—Please show FOOTAGE made while "Control Drilling" as well as HOURS.

R's No. 5		LOCATION La fute river		0-15		AREA		DATE March 10 1967		REMARKS		Time		
		From	Footage	To	Hrs. on Bottom	Wt. Drill String (1000 lbs.)	DRILL COLLARS				FUEL	WATER	COAL	Stands
		No.	Size	Type	Size Jets	Serial No.	Weight	R.P.M.	Ft. Drilled	Hrs.	Feet Reamed	Hrs.	CONDITION	D. Collars
Tour - Midnight - 8 a.m.														
Specify actual hours worked														
Driller	Harin H. Hatcher													
Derrick	Barnt black													
Floor	Alfred													
Floor	W. Johnson													
Floor														
Motor														
Mechanic														
Extra														
Injuries:														
Fires:														
Tour - 8 a.m. to 4 p.m.														
Specify actual hours worked														
Driller	John Handford													
Derrick	John													
Floor	Butaschuk													
Floor	John black													
Floor														
Motor														
Mechanic	A. Gray													
Extra	I. Kallen													
Injuries:														
Fires:														
Tour - 4 p.m. to Midnight														
Specify actual hours worked														
Driller	Alfred Littlejohn													
Derrick	Ken Black													
Floor	W. Johnson													
Floor														
Motor														
Mechanic														
Extra														
Injuries:														
Fires:														

Toolco Ring on Bit No. _____ D.P. Calipered Date _____ Results _____ From Pipe Rack _____
B.O.P. Test-Operated _____ Time _____ Results _____
Total Contractor Time _____ Hrs. Toolpusher _____
Total Company Time _____ Hrs. Approved by _____

TRI-CITY DRILLING LTD.

DAILY DRILLING REPORT

BOARD DAY WORK RECORD
NOTE—Please show FOOTAGE made while "Control Drilling" as well as HOURS.RIG No. 5 LOCATION *La Jute river* 0-15 AREA DATE *March 9 1968*

Tour — Midnight - 8 a.m.		Specify actual hours worked		Hrs.	From	Footage	To	Hrs. on Bottom	Wt. Drill String (1000 lbs.)	DRILL COLLARS				FUEL	WATER	COAL	Stands	REMARKS	Start	Stop	Interval
					No.	Size	Type	Size Jets	Serial No.	Weight	R.P.M.	Ft. Drilled	Hrs.	Feet Reamed	Hrs.	CONDITION					
Driller	<i>Alvin Hatcher</i>	8			1741	14	1755											<i>Trips for new bit</i>	00:00	02:30	
Derrick	<i>Clayton Black</i>	8			9	6	40WV	83	83812			14	22					<i>Drilling</i>	02:30	05:00	
Floor	<i>Alvin</i>																	<i>Trips out and run overbit</i>	05:00		
Floor	<i>Abraham</i>	8																<i>for twisted off drill pipe</i>	05:00		
Floor																					
Floor																					
Motor																					
Mechanic																					
Extra																					
Injuries																					
Fires																					
Tour — 8 a.m. to 4 p.m.		Specify actual hours worked		Hrs.	From	Footage	To	Hrs. on Bottom	Wt. Drill String (1000 lbs.)	DRILL COLLARS				FUEL	WATER	COAL	Stands				
					No.	Size	Type	Size Jets	Serial No.	Weight	R.P.M.	Ft. Drilled	Hrs.	Feet Reamed	Hrs.	CONDITION					
Driller	<i>John Standford</i>	8			1755	15	1770											<i>Trips for drill pipe</i>	08:00	10:30	
Derrick	<i>John</i>	8			9	6	40WV	83	83812			15	34					<i>Trips in to drill</i>	10:30	12:00	
Floor	<i>John</i>	8																<i>Drilling</i>	12:00	15:45	
Floor	<i>John</i>	8																<i>Service Rig</i>	15:45	16:00	
Floor																					
Floor																					
Motor																					
Mechanic	<i>John</i>	9																			
Extra	<i>L. R. R. R.</i>	8																			
Injuries																					
Fires																					
Tour — 4 p.m. to Midnight		Specify actual hours worked		Hrs.	From	Footage	To	Hrs. on Bottom	Wt. Drill String (1000 lbs.)	DRILL COLLARS				FUEL	WATER	COAL	Stands				
					No.	Size	Type	Size Jets	Serial No.	Weight	R.P.M.	Ft. Drilled	Hrs.	Feet Reamed	Hrs.	CONDITION					
Driller	<i>Alfred Withers</i>	8			1770	34	1804											<i>Drilling</i>	16:00	24:00	
Derrick	<i>John</i>	8			9	6	40WV	83	83812			34	8								
Floor	<i>John</i>	8																			
Floor																					
Floor																					
Motor																					
Mechanic																					
Extra																					
Injuries																					
Fires																					

Totco Ring on Bit No. _____ O.P. Calipered Date _____ Results _____ From Pipe Rack _____

B.C.P. Test-Operated _____ Time _____ Results _____

Total Contractor Time _____ Hrs.

Toolpusher _____

Total Company Time _____ Hrs.

Approved by _____

BOARD DAY WORK RECORD

NOTE—Please show FOOTAGE made while "Control Drilling" as well as HOURS.

Totco Ring on Bit No. _____		D.P. Calipered Date _____	Results _____	From Pipe Rack _____	Total Contractor Time _____ Hrs.	Toolpusher _____
B.O.P. Test-Operated _____		Time _____	Results _____		Total Company Time _____ Hrs.	Approved by _____

BOARD DAY WORK RECORD
NOTE—Please show FOOTAGE made while "Control Drilling" as well as HOURS.

NOTE—Please show FOOTAGE made while "Control Drilling" as well as HOURS.

Totco Ring on Bit No. _____		D.P. Calipered Date _____		Results _____		From Pipe Rack _____		Company Time _____		Contr Time _____	
B.O.P. Test-Operated _____		Time _____		Results _____				Total Contractor Time _____ Hrs.		Toolpusher _____	
								Total Company Time _____ Hrs.		Approved by _____	

TRICITY DRILLING LTD.

DAILY DRILLING REPORT

BOARD DAY WORK RECORD
NOTE—Please show FOOTAGE made while "Control Drilling" as well as HOURS.

RIG No. 5 LOCATION La Jolla AREA 0-15 DATE March 5 1961

Tour — Midnight - 8 a.m.		From Footage To Hrs. on Wt. Drill String (1000 lbs.)										DRILL COLLARS				FUEL		WATER		COAL		Stands		REMARKS			Time														
Specify actual hours worked Hrs.		No.		Size		Type		Size Jets		Serial No.		Weight		R.P.M.		Ft. Drilled		Hrs.		Feet Reamed		Hrs.		CONDITION		D. Collars		Other Ft.		C.B. Ft.		Subs. Ft.		Ft. Up On Kelly		TOTAL		Company Time		Cont'r Time	
1368 60 1428		5		6 1/4		OSC-16				80025				60		7																						Trip in new bit.		00:00 01:00	
Driller: <u>Robert W. Byrd</u>		5		6 1/4		OSC-16				80025				60		7																									
Derrick: <u>King Byrd</u>		5		6 1/4		OSC-16				80025				60		7																									
Floor: <u>W. W. W. W.</u>		5		6 1/4		OSC-16				80025				60		7																									
Floor:		5		6 1/4		OSC-16				80025				60		7																									
Floor:		5		6 1/4		OSC-16				80025				60		7																									
Motor:		5		6 1/4		OSC-16				80025				60		7																									
Mechanic:		5		6 1/4		OSC-16				80025				60		7																									
Extra:		5		6 1/4		OSC-16				80025				60		7																									
Injuries:		5		6 1/4		OSC-16				80025				60		7																									
Fires:		5		6 1/4		OSC-16				80025				60		7																									
W.L.		F.C.		pH.																																					
Tour — 8 a.m. to 4 p.m.		1428 54 1480		5		6 1/4		OSC-16		80025				54		8																						Drilling		05:00 16:00	
Driller: <u>Robert W. Byrd</u>		5		6 1/4		OSC-16				80025				54		8																									
Derrick: <u>King Byrd</u>		5		6 1/4		OSC-16				80025				54		8																									
Floor: <u>W. W. W. W.</u>		5		6 1/4		OSC-16				80025				54		8																									
Floor:		5		6 1/4		OSC-16				80025				54		8																									
Floor:		5		6 1/4		OSC-16				80025				54		8																									
Motor:		5		6 1/4		OSC-16				80025				54		8																									
Mechanic:		5		6 1/4		OSC-16				80025				54		8																									
Extra:		5		6 1/4		OSC-16				80025				54		8																									
Injuries:		5		6 1/4		OSC-16				80025				54		8																									
Fires:		5		6 1/4		OSC-16				80025				54		8																									
W.L.		F.C.		pH.																																					
Tour — 4 p.m. to Midnight		1482 48 1530		5		6 1/4		OSC-16		80025				48		7																						Drilling		16:00 27:00	
Driller: <u>Robert W. Byrd</u>		5		6 1/4		OSC-16				80025				48		7																									
Derrick: <u>King Byrd</u>		5		6 1/4		OSC-16				80025				48		7																									
Floor: <u>W. W. W. W.</u>		5		6 1/4		OSC-16				80025				48		7																									
Floor:		5		6 1/4		OSC-16				80025				48		7																									
Floor:		5		6 1/4		OSC-16				80025				48		7																									
Motor:		5		6 1/4		OSC-16				80025				48		7																									
Mechanic:		5		6 1/4		OSC-16				80025				48		7																									
Extra:		5		6 1/4		OSC-16				80025				48		7																									
Injuries:		5		6 1/4		OSC-16				80025				48		7																									
Fires:		5		6 1/4		OSC-16				80025				48		7																									
W.L.		F.C.		pH.																																					

Totco Ring on Bit No. _____ D.P. Calipered Date _____ Results _____ From Pipe Rack _____ Total Contractor Time _____ Hrs. Tool/pusher _____
B.O.P. Test-Operated _____ Time _____ Results _____ Total Company Time _____ Hrs. Approved by _____

FBI-CITY DRILLING LTD.

DAILY DRILLING REPORT

BOARD DAY WORK RECORD
NOTE—Please show FOOTAGE made while "Control Drilling" as well as HOURS.

RIG No. 5 LOCATION La Jolla river 0-15' AREA DATE March 4, 1962

Tour — Midnight - 8 a.m.		From	Footage	To	Hrs. on Bottom	Wt. Drill String (1000 lbs.)	DRILL COLLARS				FUEL	WATER	COAL	Stands	REMARKS			Time		
Specify actual hours worked							No.	O.D.	I.D.	Wgt.		Gals.	Bbls.	Tons				Start	Stop	Interval
Driller	<u>Jim Heston</u>	1165	63	1228																
Derrick	<u>Ken Byatt</u>																			
Floor	<u>Ken Heston</u>																			
Floor																				
Floor																				
Motor																				
Mechanics																				
Extra																				
Injuries																				
Fires																				
Tour — 8 a.m. to 4 p.m.		From	Footage	To	Hrs. on Bottom	Wt. Drill String (1000 lbs.)	DRILL COLLARS				FUEL	WATER	COAL	Stands	REMARKS			Time		
Specify actual hours worked							No.	O.D.	I.D.	Wgt.		Gals.	Bbls.	Tons						
Driller	<u>Jim Heston</u>	1228	78	1306																
Derrick	<u>Ken Byatt</u>																			
Floor	<u>Ken Heston</u>																			
Floor	<u>Ken Heston</u>																			
Floor																				
Motor																				
Mechanics	<u>Ken Byatt</u>																			
Extra	<u>Ken Byatt</u>																			
Injuries																				
Fires																				
Tour — 4 p.m. to Midnight		From	Footage	To	Hrs. on Bottom	Wt. Drill String (1000 lbs.)	DRILL COLLARS				FUEL	WATER	COAL	Stands	REMARKS			Time		
Specify actual hours worked							No.	O.D.	I.D.	Wgt.		Gals.	Bbls.	Tons						
Driller	<u>Jim Heston</u>	1306	62	1368																
Derrick	<u>Ken Byatt</u>																			
Floor	<u>Ken Heston</u>																			
Floor	<u>Ken Heston</u>																			
Floor																				
Motor																				
Mechanics																				
Extra																				
Injuries																				
Fires																				

Total Ring on Bit No. _____ D.P. Caliper Date _____ Results _____ From Pipe Rack _____
B.O.P. Test-Operated _____ Time _____ Results _____

Total Contractor Time _____ Hrs. Toolpusher _____
Total Company Time _____ Hrs. Approved by _____

TRC-CITY DRILLING LTD.

DAILY DRILLING REPORT

BOARD DAY WORK RECORD

NOTE—Please show FOOTAGE made while "Control Drilling" as well as HOURS.

RIG No. 5		LOCATION La Jute river		0-15		AREA		DATE March 3 1967		REMARKS		Time							
												Start	Stop	Interval					
Tour - Midnight - 8 a.m.																			
Specify actual hours worked		Hrs.		From Footage To		Hrs. on Bottom		Wt. Drill String (1000 lbs.)		DRILL COLLARS		FUEL		WATER		COAL		Stands	
				975 54 1028														Drilling	
																		Blow mud tank	
																		00:00 07:45	
																		07:45 08:00	
Tour - 8 a.m. to 4 p.m.																			
Specify actual hours worked		Hrs.		1008 72 1100														Service Rig	
																		Drilling	
																		08:00 08:15	
																		08:15 16:00	
Tour - 4 p.m. to Midnight																			
Specify actual hours worked		Hrs.		1100 65 1165														Drilling	
																		Trip out	
																		16:00 23:00	
																		23:00 24:00	

Totco Ring on Bit No. _____ D.P. Calipered Date _____ Results _____ From Pipe Rack _____ Total Contractor Time _____ Hrs. Toolpusher _____

B.O.P. Test-Operated _____ Time _____ Results _____ Total Company Time _____ Hrs. Approved by _____

BOARD DAY WORK RECORD

NOTE—Please show FOOTAGE made while "Control Drilling" as well as HOURS.

To - 4 p.m. to Midnight		From	Footage	To	Hrs. on Bottom	Wt. Drill String (1000 lbs.)	DRILL COLLARS				FUEL	WATER		COAL	Stands
Specify actual hours worked		Hrs.					No.	O.D.	I.D.	Wgt.	Gals.	Bbls.	Tons	Singles	
Driller	<i>James Hardford</i>	8	884	89	973										
Derrickman	<i>[Signature]</i>														
Floor	<i>Pentachick</i>	8													
Floor	<i>Dark black</i>	8													
Floor															
Motor															
Mechanic															
Extra															
Injuries:															
Fires:															

	No.	Size	Type	Size Jets	Serial No.	Weight	R.P.M.	Ft. Drilled	Hrs.	Feet Reamed	Hrs.	CONDITION	D. Collars
B	2	6 1/4	OSC		G2713					46	32		
I													Other Ft.
T	3	6 1/4	OSC		G5277					43	3		C.B. Ft.
S													

MUD	4 p.m.	6 p.m.	8 p.m.	10 p.m.	Additives	At Surveys Degree	MOTOR HOURS	Next Oil Change
WEIGHT							1	
VISCOSITY							2	
GEL							3	
							4	
							5	

PUMPS	No. 1	Pressure	Model	S.P.M.	Liner Size	Size	TRIPS	No. Lines	TON MILES	TOTAL MILES	Slip	Feet or Cut	Feet Left on Spool	Next Slip
	No. 2	Pressure												
	Model	S.P.M.				General								
		Liner Size												

W.L.	F.C.	p.H.

[illegible]

Total Contractor Time _____ Hrs. Toolpusher _____
Total Company Time _____ Hrs. Approved by _____

TRI-CITY DRILLING LTD.

DAILY DRILLING REPORT

BOARD DAY WORK RECORD

NOTE—Please show FOOTAGE made while "Control Drilling" as well as HOURS.

RIG No. 5 LOCATION La Fontaine river 0-15 AREA DATE March 1 1967

Tour — Midnight - 8 a.m.		Specify actual hours worked		Hrs.	From	Footage	To	Hrs. on Bottom	Wt. Drill String (1000 lbs.)	DRILL COLLARS				FUEL	WATER	COAL	Stands	REMARKS	Time		
									No.	O.D.	I.D.	Wgt.	Gals.	Bbls.	Tons		Start		Stop	Interval	
Driller	<u>Alfred Wittig</u>	8			818	65	883										Drilling	00:00	07:30		
Derrick	<u>Ken Burt</u>	8															Changing mud tank	07:30	08:00		
Floor	<u>Ken Burt</u>	8																			
Floor	<u>Ken Burt</u>	8																			
Floor																					
Floor																					
Motor																					
Mechanic																					
Extra																					
Injuries:																					
Fires:																					
Tour — 8 a.m. to 4 p.m.		Specify actual hours worked		Hrs.	From	Footage	To	Hrs. on Bottom	Wt. Drill String (1000 lbs.)	DRILL COLLARS				FUEL	WATER	COAL	Stands	REMARKS	Time		
										No.	O.D.	I.D.	Wgt.	Gals.	Bbls.	Tons			Start	Stop	Interval
Driller	<u>Alvin Mettlen</u>	8			883	47	930										Drilling	08:00	08:15		
Derrick	<u>Harriet Black</u>	8																			
Floor	<u>Alfred</u>	8																			
Floor	<u>Abrahamson</u>	8																			
Floor																					
Floor																					
Motor																					
Mechanic																					
Extra	<u>A. Lange</u>	7																			
Injuries:																					
Fires:																					
Tour — 4 p.m. to Midnight		Specify actual hours worked		Hrs.	From	Footage	To	Hrs. on Bottom	Wt. Drill String (1000 lbs.)	DRILL COLLARS				FUEL	WATER	COAL	Stands	REMARKS	Time		
										No.	O.D.	I.D.	Wgt.	Gals.	Bbls.	Tons			Start	Stop	Interval
Driller	<u>Jim Handford</u>	8			930	44	974										Drilling	16:00	22:00		
Derrick	<u>John</u>	8															Trip of 6 1/2" bit to ream	22:00	23:00		
Floor	<u>Bratenschuk</u>	8															Reaming	23:00	23:00		
Floor	<u>Dan Black</u>	8																			
Floor																					
Floor																					
Motor																					
Mechanic																					
Extra																					
Injuries:																					
Fires:																					

Totco Ring on Bit No. _____ D.P. Calipered Date _____ Results _____ From Pipe Rack _____

D.P. Test-Operated _____ Time _____ Results _____

Total Contractor Time _____ Hrs.

Toolpusher _____

Total Company Time _____ Hrs.

Approved by _____

TRI-CITY DRILLING LTD.

DAILY DRILLING REPORT

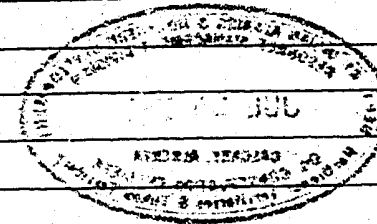
CONTRACTOR DAY WORK RECORD

NOTE—Please show FOOTAGE made while "Control Drilling" as well as HOURS.

RIG No. 5		LOCATION <i>La Jolla</i>		DATE <i>Feb 28 1967</i>		AREA		0-15		REMARKS		Time							
From		Footage		To		Hrs. on Bottom		Wt. Drill String (1000 lbs.)		DRILL COLLARS		FUEL		WATER		COAL		Stands	
Spec. actual hours worked		Hrs.		646		717													
Driller	<i>Edith</i>	8		No.	Size	Type	Size Jets	Serial No.	Weight	R.P.M.	Ft. Drilled	Hrs.	Feet Reamed	Hrs.	CONDITION	D. Collars			
Derrick	<i>Ken B. B. B.</i>	8		3	4 1/2	DAKOTA		361			34	32							
Floor	<i>Ken B. B. B.</i>	8		6	4 1/2	DAKOTA		362			37	32							
MUD		12 Mn. 2 a.m. 4 a.m. 6 a.m.		Additives		At Surveys Degree		MOTOR HOURS		Next Oil Change									
WEIGHT																			
VISCOSITY																			
GEL																			
PUMPS																			
No. 1		Pres- sure																	
Model		S.P.M.																	
Liner Size																			
No. 2		Pres- sure																	
Model		S.P.M.																	
Liner Size																			
W.L.		F.C.		pH:															
From		Footage		To		Hrs. on Bottom		Wt. Drill String (1000 lbs.)		DRILL COLLARS		FUEL		WATER		COAL		Stands	
Spec. actual hours worked		Hrs.		717		48		765											
Driller	<i>Edith</i>	8		No.	Size	Type	Size Jets	Serial No.	Weight	R.P.M.	Ft. Drilled	Hrs.	Feet Reamed	Hrs.	CONDITION	D. Collars			
Derrick	<i>Edith</i>	8		6	4 1/2	DAKOTA		362			48	74							
Floor	<i>Abrahamson</i>	8																	
Floor	<i>Samuel Black</i>	8																	
MUD		8 a.m. 10 a.m. 12 Noon 2 p.m.		Additives		At Surveys Degree		MOTOR HOURS		Next Oil Change									
WEIGHT																			
VISCOSITY																			
GEL																			
PUMPS																			
No. 1		Pres- sure																	
Model		S.P.M.																	
Liner Size																			
No. 2		Pres- sure																	
Model		S.P.M.																	
Liner Size																			
W.L.		F.C.		pH:															
From		Footage		To		Hrs. on Bottom		Wt. Drill String (1000 lbs.)		DRILL COLLARS		FUEL		WATER		COAL		Stands	
Spec. actual hours worked		Hrs.		756		53		818											
Driller	<i>Ken B. B. B.</i>	8		No.	Size	Type	Size Jets	Serial No.	Weight	R.P.M.	Ft. Drilled	Hrs.	Feet Reamed	Hrs.	CONDITION	D. Collars			
Derrick	<i>Edith</i>	8		6	4 1/2	DAKOTA		362			53	6							
Floor	<i>Brattshuck</i>	8																	
Floor	<i>Van Hook</i>	8		7	4 1/2	DAKOTA		620											
MUD		4 p.m. 6 p.m. 8 p.m. 10 p.m.		Additives		At Surveys Degree		MOTOR HOURS		Next Oil Change									
WEIGHT																			
VISCOSITY																			
GEL																			
PUMPS																			
No. 1		Pres- sure																	
Model		S.P.M.																	
Liner Size																			
No. 2		Pres- sure																	
Model		S.P.M.																	
Liner Size																			
W.L.		F.C.		pH:															

Totals Ring on Bit No. _____ D.P. Calipered Date _____ Results _____ From Pipe Rack _____
 B.O.P. Test-Operated _____ Time _____ Results _____

Total Contractor Time _____ Hrs. Toolpusher _____
 Total Company Time _____ Hrs. Approved by _____



NOTE—Please show FOOTAGE made while "Control Drilling" as well as HOURS.

RIG No. 5 LOCATION La Jolla river 0-15

AREA

DATE Feb 27 1967

REMARKS

Time

Start Stop Interval

Tour — Midnight - 8 a.m.		From	Footage	To	Hrs. on Bottom	Wt. Drill String (1000 lbs.)	DRILL COLLARS				FUEL	WATER	COAL	Stands
Specify actual hours worked							No.	O.D.	I.D.	Wgt.	Gals.	Bbls.	Tons	
Driller	8	345	125	470										
Derrick	8													
Floor	8													
Floor														
Floor														
Motor														
Mechanic														
Extra														
Injuries:														
Fires:														
Tour — 8 a.m. to 4 p.m.		From	Footage	To	Hrs. on Bottom	Wt. Drill String (1000 lbs.)	DRILL COLLARS				FUEL	WATER	COAL	Stands
Specify actual hours worked							No.	O.D.	I.D.	Wgt.	Gals.	Bbls.	Tons	
Driller	8	470	90	560										
Derrick	8													
Floor	8													
Floor	8													
Floor														
Motor														
Mechanic	9													
Extra	8													
Injuries:														
Fires:														
Tour — 4 p.m. to Midnight		From	Footage	To	Hrs. on Bottom	Wt. Drill String (1000 lbs.)	DRILL COLLARS				FUEL	WATER	COAL	Stands
Specify actual hours worked							No.	O.D.	I.D.	Wgt.	Gals.	Bbls.	Tons	
Driller	8	560	86	646										
Derrick	8													
Floor	8													
Floor	8													
Floor														
Motor														
Mechanic														
Extra														
Injuries:														
Fires:														

Totco Ring on Bit No. D.P. Caliper Date Results From Pipe Rack

B.O.P. Test Operated Time Results

Total Contractor Time Hrs.

Toolpusher

Total Company Time Hrs.

Approved by

TRI-CITY DRILLING LTD.

DAILY DRILLING REPORT

CONTRACTOR DAY WORK RECORD

NOTE—Please show FOOTAGE made while "Control Drilling" as well as HOURS.

RIG No. 5 LOCATION La Jute river 0-15 AREA DATE Feb 26 1967

Tour — Midnight - 8 a.m.		From Footage To Hrs. on Bottom Wt. Drill String (1000 lbs.) DRILL COLLARS FUEL WATER COAL Stands										REMARKS		Time															
Specify actual hours worked Hrs.		No.	Size	Type	Size Jets	Serial No.	Weight	R.P.M.	Ft. Drilled	Hrs.	Feet Reamed	Hrs.	CONDITION	D. Collars	Other Ft.	C.B. Ft.	Subs. Ft.	Ft. Up On Kelly	TOTAL	Slip	Feet or Cut	Feet Left on Spool	Next Slip	Start	Stop	Interval			
Driller	8											Preparing to cement and cementing		00:00															
Derrick	8											Waiting on Cement		03:00															
Floor	8																												
Floor	3																												
Motor	3																												
Mechanic	3																												
Extra																													
Injuries																													
Fires																													
Tour — 8 a.m. to 4 p.m.		From Footage To Hrs. on Bottom Wt. Drill String (1000 lbs.) DRILL COLLARS FUEL WATER COAL Stands										REMARKS		Time															
Specify actual hours worked Hrs.		No.	Size	Type	Size Jets	Serial No.	Weight	R.P.M.	Ft. Drilled	Hrs.	Feet Reamed	Hrs.	CONDITION	D. Collars	Other Ft.	C.B. Ft.	Subs. Ft.	Ft. Up On Kelly	TOTAL	Slip	Feet or Cut	Feet Left on Spool	Next Slip	Company Time	Cont'r Time				
Driller	8											Waiting on cement		08:00	14:00														
Derrick	8											Rigging up B.O.P.		14:00	16:00														
Floor	8																												
Floor	8																												
Motor																													
Mechanic	19																												
Extra	8																												
Injuries																													
Fires																													
Tour — 4 p.m. to Midnight		From Footage To Hrs. on Bottom Wt. Drill String (1000 lbs.) DRILL COLLARS FUEL WATER COAL Stands										REMARKS		Time															
Specify actual hours worked Hrs.		No.	Size	Type	Size Jets	Serial No.	Weight	R.P.M.	Ft. Drilled	Hrs.	Feet Reamed	Hrs.	CONDITION	D. Collars	Other Ft.	C.B. Ft.	Subs. Ft.	Ft. Up On Kelly	TOTAL	Slip	Feet or Cut	Feet Left on Spool	Next Slip	Company Time	Cont'r Time				
Driller	8											Running in to plug joint		16:00	16:15														
Derrick	8											Pressure up BOP and 300		16:15															
Floor	8											Holding for 25 mins.		16:30															
Floor	8											Drilling out plug and ch		16:30	17:30														
Motor												Drilling		17:30	24:00														
Mechanic																													
Extra																													
Injuries																													
Fires																													

Totco Ring on Bit No. _____ D.P. Calipered Date _____ Results _____ From Pipe Rack _____
 B.O.P. Test Operated _____ Time _____ Results _____

Total Contractor Time _____ Hrs. Toolpusher _____
 Total Company Time _____ Hrs. Approved by _____

TRE-CITY DRILLING LTD.

DAILY DRILLING REPORT

CONTRACTOR DAY WORK RECORD

NOTE—Please show FOOTAGE made while "Control Drilling" as well as HOURS.

RIG No. 5 LOCATION La Jolla river 0-15

AREA

DATE Feb 24 1967

REMARKS

Time
Start Stop Interval

Tor - Midnight - 8 a.m.
Specify actual hours worked Hrs.
Driller Arthur L. Hatcher 8
Derrick Gene B. Smith 8
Floor Wm. H. Hatcher 8
Floor
Floor
Motor
Mechanic
Extra
Injuries:
Fires:

From	Footage	To	Hrs. on Bottom	Wt. Drill String (1000 lbs.)	DRILL COLLARS				FUEL	WATER	COAL	Stands			
					No.	O.D.	I.D.	Wgt.	Gals.	Bbls.	Tons				
165	57	222													
BITS				No.	Size	Type	Size Jets	Serial No.	Weight	R.P.M.	Ft. Drilled	Hrs.	Feet Reamed	Hrs.	CONDITION
				3	4 1/2	DAKOTA		352			27	4			
				1	4 1/2	GRUNNER		304			30	3			
MUD				12 Mn.	2 a.m.	4 a.m.	6 a.m.	Additives	At Surveys Degree				MOTOR HOURS		Next Oil Change
WEIGHT															
VISCOSITY															
GEL															
PUMPS				No. 1	Pressure										
				Model	S.P.M.										
				Liner Size											
				No. 2	Pressure										
				Model	S.P.M.										
				Liner Size											
W.L.				F.C.	pH.										

Drilling
Trip out for bit (4 1/2")
Drilling
00:00 04:00
04:00 04:15
04:15 08:40
Company Time
Cont'r Time

Tor - 8 a.m. to 4 p.m.
Specify actual hours worked Hrs.
Driller Arthur L. Hatcher 8
Derrick Gene B. Smith 8
Floor Wm. H. Hatcher 8
Floor Wm. H. Hatcher 8
Floor
Motor
Mechanic A. Gray 9
Extra L. Keller 8
Injuries:
Fires:

From	Footage	To	Hrs. on Bottom	Wt. Drill String (1000 lbs.)	DRILL COLLARS				FUEL	WATER	COAL	Stands			
					No.	O.D.	I.D.	Wgt.	Gals.	Bbls.	Tons				
222	28	250													
BITS				No.	Size	Type	Size Jets	Serial No.	Weight	R.P.M.	Ft. Drilled	Hrs.	Feet Reamed	Hrs.	CONDITION
				1	4 1/2	GRUNNER		304			28	4			
				1	6 1/2	OWV		83895			100	4			
MUD				8 a.m.	10 a.m.	12 Noon	2 p.m.	Additives	At Surveys Degree				MOTOR HOURS		Next Oil Change
WEIGHT															
VISCOSITY															
GEL															
PUMPS				No. 1	Pressure										
				Model	S.P.M.										
				Liner Size											
				No. 2	Pressure										
				Model	S.P.M.										
				Liner Size											
W.L.				F.C.	pH.										

Drilling
Reaming (6 1/2")
08:00 12:00
12:00 06:00
Company Time
Cont'r Time

Tor - 4 p.m. to Midnight
Specify actual hours worked Hrs.
Driller John H. Hatcher 8
Derrick John 8
Floor Barthelme 8
Floor Tom L. Lark 8
Floor
Motor
Mechanic
Extra
Injuries:
Fires:

From	Footage	To	Hrs. on Bottom	Wt. Drill String (1000 lbs.)	DRILL COLLARS				FUEL	WATER	COAL	Stands			
					No.	O.D.	I.D.	Wgt.	Gals.	Bbls.	Tons				
BITS				No.	Size	Type	Size Jets	Serial No.	Weight	R.P.M.	Ft. Drilled	Hrs.	Feet Reamed	Hrs.	CONDITION
				1	6 1/2	OWV		83895			95	34			
MUD				4 p.m.	6 p.m.	8 p.m.	10 p.m.	Additives	At Surveys Degree				MOTOR HOURS		Next Oil Change
WEIGHT															
VISCOSITY															
GEL															
PUMPS				No. 1	Pressure										
				Model	S.P.M.										
				Liner Size											
				No. 2	Pressure										
				Model	S.P.M.										
				Liner Size											
W.L.				F.C.	pH.										

Rig Service
Reaming (6 1/2")
Blasting rocks out of hole
16:00 16:15
16:15 19:00
19:00 24:00
Company Time
Cont'r Time

Totco Ring on Bit No. _____ D.P. Calipered Date _____ Results _____ From Pipe Rack _____
I.O.P. Test-Operated _____ Time _____ Results _____

Total Contractor Time _____ Hrs. Toolpusher _____
Total Company Time _____ Hrs. Approved by _____

NOTE—Please show FOOTAGE made while "Control Drilling" as well as HOURS.

RIG No. 5 LOCATION *La Jute river 0-15*

AREA

DATE *Feb. 23 1967*

Tour — Midnight - 8 a.m.		From	Footage	To	Hrs. on Bottom	Wt. Drill String (1000 lbs.)	DRILL COLLARS				FUEL	WATER	COAL	Stands	REMARKS			Time		
Specify actual hours worked	Hrs.						No.	O.D.	I.D.	Wgt.	Gals.	Bbls.	Tons				Start	Stop	Interval	
Driller <i>Edith Willymek</i>	8	15	45	60													<i>B Riser (6 1/2" - to 15 ft)</i>	08:00	08:00	
Derrick <i>Kim Blyth</i>	8																<i>Drilling (24 3/4)</i>	08:00	08:00	
Floor <i>Edith Willymek</i>	8																			
Floor																				
Floor																				
Floor																				
Motor																				
Mechanics																				
Extra																				
Injuries:																				
Fires:																				
Tour — 8 a.m. to 4 p.m.		From	Footage	To	Hrs. on Bottom	Wt. Drill String (1000 lbs.)	DRILL COLLARS				FUEL	WATER	COAL	Stands	REMARKS			Time		
Specify actual hours worked	Hrs.						No.	O.D.	I.D.	Wgt.	Gals.	Bbls.	Tons							
Driller <i>Edith Willymek</i>	8	60	50	110													<i>Drilling</i>	08:00	14:30	
Derrick <i>Harriet Black</i>	8																<i>Service rig</i>	14:30	15:00	
Floor <i>Edith</i>	8																<i>Drilling</i>	15:00	16:00	
Floor <i>Abrahamson</i>	8																			
Floor																				
Motor																				
Mechanics																				
Extra																				
Injuries:																				
Fires:																				
Tour — 4 p.m. to Midnight		From	Footage	To	Hrs. on Bottom	Wt. Drill String (1000 lbs.)	DRILL COLLARS				FUEL	WATER	COAL	Stands	REMARKS			Time		
Specify actual hours worked	Hrs.						No.	O.D.	I.D.	Wgt.	Gals.	Bbls.	Tons							
Driller <i>Jim Handford</i>	8	110	55	165													<i>Drilling</i>	16:00	19:30	
Derrick <i>John</i>	8																<i>Thru the mud</i>	19:30	19:00	
Floor <i>Busterchuk</i>	8																<i>Drilling</i>	19:00	23:30	
Floor <i>Don Black</i>	8																<i>Trip for R.B.</i>	23:30	24:00	
Floor																				
Motor																				
Mechanics																				
Extra																				
Injuries:																				
Fires:																				

Totco - Ring on Bit No. _____ D.P. Calipered Date _____ Results _____ From Pipe Rack _____
 B.O.P. Test-Operated _____ Time _____ Results _____

Total Contractor Time _____ Hrs. Toolpusher _____
 Total Company Time _____ Hrs. Approved by _____

RIG No. 5 LOCATION La Jolla river 0-15 AREA _____ DATE Feb 22 1967

Tour — Midnight - 8 a.m.		Specify actual hours worked		Hrs.	From		Footage	To	Hrs. on Bottom	Wt. Drill String (1000 lbs.)	DRILL COLLARS				FUEL	WATER	COAL	Stands	REMARKS			Time		
											No.	O.D.	I.D.	Wgt.	Gals.	Bbls.	Tons		Start	Stop	Interval			
Driller	<u>Alfred Withgill</u>			<u>8</u>																				
Derrick	<u>Ken Byatt</u>			<u>8</u>																				
Floor	<u>John Anderson</u>			<u>8</u>																				
MUD 12 Mn. 2 a.m. 4 a.m. 6 a.m. Additives _____ At Surveys Degree _____ MOTOR HOURS _____ Next Oil Change _____ WEIGHT _____ VISCOSITY _____ GEL _____ No. 1 Pres- _____ Model S.P.M. _____ Liner Size _____ No. 2 Pres- _____ Model S.P.M. _____ Liner Size _____ W.L. _____ F.C. _____ pH. _____																								
No. Size Type Size Jets Serial No. Weight R.P.M. Ft. Drilled Hrs. Feet Reamed Hrs. CONDITION 1 4 1/2 DRUMMER 304 15 1/2 - 3 3 REAMING BIT 18 2 18 2 MUD 8 a.m. 10 a.m. 12 Noon 2 p.m. Additives _____ At Surveys Degree _____ MOTOR HOURS _____ Next Oil Change _____ WEIGHT _____ VISCOSITY _____ GEL _____ No. 1 Pres- _____ Model S.P.M. _____ Liner Size _____ No. 2 Pres- _____ Model S.P.M. _____ Liner Size _____ W.L. _____ F.C. _____ pH. _____																								
No. Size Type Size Jets Serial No. Weight R.P.M. Ft. Drilled Hrs. Feet Reamed Hrs. CONDITION 1 6 1/2 DW 83895 0 1 MUD 4 p.m. 6 p.m. 8 p.m. 10 p.m. Additives _____ At Surveys Degree _____ MOTOR HOURS _____ Next Oil Change _____ WEIGHT _____ VISCOSITY _____ GEL _____ No. 1 Pres- _____ Model S.P.M. _____ Liner Size _____ No. 2 Pres- _____ Model S.P.M. _____ Liner Size _____ W.L. _____ F.C. _____ pH. _____																								
No. Size Type Size Jets Serial No. Weight R.P.M. Ft. Drilled Hrs. Feet Reamed Hrs. CONDITION 1 6 1/2 DW 83895 0 1 MUD 4 p.m. 6 p.m. 8 p.m. 10 p.m. Additives _____ At Surveys Degree _____ MOTOR HOURS _____ Next Oil Change _____ WEIGHT _____ VISCOSITY _____ GEL _____ No. 1 Pres- _____ Model S.P.M. _____ Liner Size _____ No. 2 Pres- _____ Model S.P.M. _____ Liner Size _____ W.L. _____ F.C. _____ pH. _____																								

Totco Ring on Bit No. _____ D.P. Calipered Date _____ Results _____ From Pipe Rack _____
 B.O.P. Test-Operated _____ Time _____ Results _____

Total Contractor Time _____ Hrs. Toolpusher _____
 Total Company Time _____ Hrs. Approved by _____