

C.S. LAFERTE RIVER

G-41

Drilling Authority No. 28
Date Issued 20-12-66

WELL NAME CS Laferte River G-41
FIELD Wildcat
LOCATION: Unit G Area: 41 Grid 61-50 - 118-30
Latitude 61-40-22.5 Longitude 118-38-12.1875
From Established Reference Marker

U.W.I. R 61.67292 - 118.63672

U.W.I. No. 200 G41K150118300

Rig Release Date: 26-2-67

Status JLA

Information Release Date

CHANGE OF NAME:

DATE RECEIVED	INDEX
20-12-66	Application for a Drilling Authority.
12-3-67	Well Completion Data.
	Well History Report.
	Application to Amend a Drilling Authority.
	Application to change a Well Name.
1-5-67	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

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
Feb 26/67 1650		1200	45 axs cement								
Feb 26/67 350		surface	40 axs cement								
			screwed on plate								

DRILL STEM TESTS

No.	Date	Formation	From	To	V.O. Mins.	I.S.I. Mins.	F.S.I. Mins.	I.S.I.B.H.P.	F.S.I.B.H.P.	L.F.B.H.P.	F.V.B.H.P.	L.H.P.	F.H.P.	REMARKS
1	Feb 25/67	Pine Pt.	1250	1360	30	10	-	433	-	261	260	673	667	Test conclusive but not entirely satisfactory. Mis-run, plugged tool. Rec. 526' drilling fluid.

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

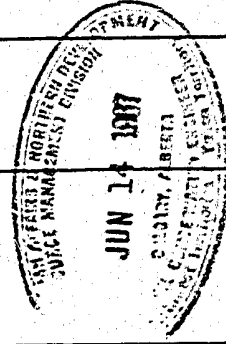
Company **Canada-Cities Service Petroleum Corp.**

Signed by *[Signature]*

Title **Chief Geologist**

Date **March 13th, 1967**

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



Department of Indian Affairs and Northern Development
Resource & Economic Development Group



DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT
RESOURCE MANAGEMENT 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 G-41
Location: Unit G Section 41 Grid 61°50' N. Lat 118°30' W Long
Latitude 61°40' 22.5" Longitude 118° 38' 12.1875"
From Established Reference Marker

Permit No. 4058 Lease No. Canada-Cities Service Petr. Corp.
(Permitter, Lessee, Lessor)

Date of commencement of proposed program

OIL, GAS, AND WATER ENCOUNTERED (Depths)

Oil at —
Gas at —
Water at —
Total Depth 1651' Date of last operations Feb. 26, 1967
Present condition of well

CASING RECORD

Casing Size O.D. Inches	Weight	Amount	Set At—	Back of Cement and Additives	Amount Pulled
1. 5 1/2"	14#	98.0'	98.0'	30 sxs & 1 sx CaCl ₂	None
2.					
3.					
4.					
5.					

PROPOSED ABANDONMENT PROGRAM

No.	Plug	Geological Formation	Number of Sacks of Cement	Remarks
	Position			
1	1650 - 1200	Pre-Camb-N-Dev. (Pine Pt.)	45 sxs	
2	350' - Surface	U-Dev. - Glacial Drift	40 sxs	

The following logs have been run. Widco E. Log 1650' - 98' Gamma Ray 1650' - 0'
Other operations proposed

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 27 Day of February 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:

Confirming oral approval given by Mr. B.H.J. Thoms on the 30th of January 1967

Dated 1st March 1967

[Signature] B.H.J. Thoms
Oil Conservation Engineer

Forms to be submitted in triplicate to Oil Conservation Engineer, Calgary, Alberta

File No.

Drilling Authority No. 249

Department of Indian Affairs and Northern Development
Resource & Economic Development Group



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~~REPRODUCTION OF THIS DOCUMENT IS PROHIBITED~~

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. LAPELLE RIVER G-41
Location: Unit G Section 41 Grid 61° 50' N Lat, 118° 30' W Long
Latitude 61° 40' 22.5" Longitude 118° 38' 12.1875"
From Established Reference Marker

Elevation: Est 680' K.B. feet above sea-level.

Well is expected to produce from Slave Point formation at a depth of about 1200' feet.

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

Permit No. 4058 Lease No. Acreage 60,622 acres

Permitter, 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	Feet of Cement
1. <u>5 1/2"</u>	<u>14</u>	<u>J-55</u>		<u>New</u>	<u>150'</u>	
2. <u> </u>						
3. <u> </u>						
4. <u> </u>						
5. <u> </u>						

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

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

Well will be drilled with (Rotary) Rig No. 7 by Tri-City Drilling Co. Ltd.
(Cable) (Drilling Contractor or company)

14305 120 Avenue, Edmonton, Alta.

Responsible agent of applicant:—

Contractor's Business Licence No. 24251

At well Mr. E.M. Dwyer

At registered office Mr. W.J. Mooney

Address 1100 Calgary House, Calgary Address 1100 Calgary House, 6th Ave. 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 56

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 1956

B. H. Thomas
Oil Conservation Engineer

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

NANR 52-90-1 (7-55)

UNIVERSAL WELL LOCATION REFERENCE: 61.67292° N 118.63672° W

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

RIG No. 7 LOCATION Cities Service Laferte River ^{G-41} AREA A-21 DATE Feb 26 19 67

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>B. Kucharschuk</u>	8																			
Derrick <u>S. Mackiewicz</u>	8																			
Floor <u>H. Lepine</u>	8																			
Floor																				
Floor																				
Motor																				
Mechanic																				
Extra																				
Injuries:																				
Fires:																				
Tour — 8 a.m. to 4 p.m.																				
Specify actual hours worked																				
Driller <u>E. Ferguson</u>	8																			
Derrick <u>D. Davies</u>	8																			
Floor <u>B. Colie</u>	8																			
Floor <u>H. Ackland</u>	8																			
Floor <u>D. Pederson</u>	8																			
Motor <u>D. Laurie</u>	3																			
Mechanic <u>B. Kucharschuk</u>	7																			
Extra <u>S. Mackiewicz</u>	7																			
Injuries:																				
Fires:																				
Tour — 4 p.m. to Midnight																				
Specify actual hours worked																				
Driller <u>H. Ackland</u>	8																			
Derrick <u>D. Laurie</u>	8																			
Floor <u>D. Pederson</u>	8																			
Floor																				
Floor																				
Motor																				
Mechanic																				
Extra																				
Injuries:																				
Fires:																				

Totco Ring on Bit No. _____ D.P. Colpered 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. 1 LOCATION CS Laferte RiverAREA G-41DATE Feb. 25 1967

Tour — Midnight - 11 a.m.
Specify actual hours worked Hrs.

Driller B. Kulorschuk 8
Derrick B. Mackiwich 8
Floor H. Lepine 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.	Size	Type	Size Jets	Serial No.	Weight	R.P.M.	Ft. Drilled	Hrs.	Feet Reamed	Hrs.	CONDITION	
MUD 12 Mn. 2 a.m. 4 a.m. 6 a.m. Additives												
WEIGHT												
VISCOSITY												
GEL												
No. 1	Pressure											
Model	S.P.M.											
No. 2	Pressure											
Model	S.P.M.											
General <u>S. Mackiwich gone for logger</u>												
W.L. F.C. pH.												

REMARKS

Service Rig + B.O.B.
Waiting on logger
Pulling out of hole
Logging

Start	Stop	Interval
0.00	0.15	
0.15	4.00	
4.00	5.30	
5.30	8.00	

Company Time Cont'r Time

Tour — 8 a.m. to 4 p.m.
Specify actual hours worked Hrs.

Driller E. Ferguson 8
Derrick D. Davies 8
Floor B. Cole's 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.	Size	Type	Size Jets	Serial No.	Weight	R.P.M.	Ft. Drilled	Hrs.	Feet Reamed	Hrs.	CONDITION	
MUD 8 a.m. 10 a.m. 12 Noon 2 p.m. Additives												
WEIGHT												
VISCOSITY												
GEL												
No. 1	Pressure											
Model	S.P.M.											
No. 2	Pressure											
Model	S.P.M.											
General <u>D. Davies gone for tester</u>												
W.L. F.C. pH.												

REMARKS

Service Rig
Logging
Waiting on tester
Rigging up tester

Start	Stop	Interval
8.00		
	10.00	
10.00	13.00	
13.00	16.00	

Company Time Cont'r Time

Tour — 4 p.m. to Midnight
Specify actual hours worked Hrs.

Driller H. Auckland 8
Derrick D. Laurie 8
Floor D. Pederson 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.	Size	Type	Size Jets	Serial No.	Weight	R.P.M.	Ft. Drilled	Hrs.	Feet Reamed	Hrs.	CONDITION	
MUD 4 p.m. 6 p.m. 8 p.m. 10 p.m. Additives												
WEIGHT												
VISCOSITY												
GEL												
No. 1	Pressure											
Model	S.P.M.											
No. 2	Pressure											
Model	S.P.M.											
General												
W.L. F.C. pH.												

REMARKS

Running in tester
Testing
Pulling tester
Preparing to run in hole to cement

Start	Stop	Interval
16.00	18.15	
18.15	20.00	
20.00	23.00	
23.00		
	24.00	

Company Time Cont'r Time

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

R.O.P. Test Operated Time Results

Total Contractor Time Hrs. Toolpusher

Total Company Time Hrs. Approved by

DAILY DRILLING REPORT

CONTRACTOR DAY WORK RECORD

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

RIG No. 7 LOCATION Cities Service Laferte River AREA 6-41 DATE Feb 24 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.		1588		24		1612															
Driller	<u>B. Kucharsuk</u>	8																					
Derrick	<u>S. Mackiewicz</u>	8																					
Floor	<u>H. Lepine</u>	8																					

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

RIG No. 1 LOCATION Cities Service Laferte River Area DATE Feb 23, 1947

Toor — 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>B. Kucharuk</u>	<u>8</u>	<u>1536</u>	<u>20</u>	<u>1556</u>																																																																													
Derrick	<u>S. Mackinich</u>	<u>8</u>																																																																																
Floor	<u>H. Lepine</u>	<u>8</u>																																																																																
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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. 1 LOCATION Cities Service Laferte River AREA 6-41 DATE Feb 22 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.	O.D.	I.D.	Wgt.	Gals.	Bbls.	Tons																																																															
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Specify actual hours worked Hrs.							No.	O.D.	I.D.	Wgt.	Gals.	Bbls.	Tons																																																															
Driller	<u>E. Ferguson</u> 8	1474	26	1500																																																																								
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Floor	<u>B. Collier</u> 8																																																																											
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Specify actual hours worked Hrs.							No.	O.D.	I.D.	Wgt.	Gals.	Bbls.	Tons																																																															
Driller	<u>H. Buckland</u> 8	1500	36	1536																																																																								
Derrick	<u>D. Laurie</u> 8																																																																											
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REMARKS	Time		
	Start	Stop	Interval
Service Rig + B.O.P. Drilling	0.00	0.15	
	0.15	8.00	
Service Rig + B.O.P. Drilling	8.00	8.15	
	8.15	13.00	
Trip for bit Drilling	13.00	15.00	
	15.00	16.00	
Service Rig + B.O.P. Drilling	16.00	16.30	
	16.30	24.00	
Service Rig + B.O.P. Drilling	24.00		

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 _____

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

RIG No. 1 LOCATION Cities Service Laferte River A-21 AREA 6-41 DATE Feb 21 1967

Tour — Midnight - 3 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	<u>B. Kucharski</u>	<u>1361</u>	<u>20</u>	<u>1381</u>										
Derrick	<u>B. Machewich</u>													
Floor	<u>J. Lepore</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														
PUMPS		No. 1	Pressure											
		Model	S.P.M.											
		Liner Size												
		No. 2	Pressure											
		Model	S.P.M.											
		Liner Size												
		W.L.	F.C.	pH.										
Tour — 3 a.m. to 6 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	<u>E. Ferguson</u>	<u>1381</u>	<u>41</u>	<u>1423</u>										
Derrick	<u>D. Davis</u>													
Floor	<u>B. Cole</u>													
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.										
Tour — 6 a.m. to 12 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	<u>H. Auckland</u>	<u>1423</u>	<u>25</u>	<u>1448</u>										
Derrick	<u>D. Lough</u>													
Floor	<u>D. Pederson</u>													
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.										

REMARKS	Time		
	Start	Stop	Interval
Service Rig & B.O.P.	0.00	0.15	
Drilling	0.15	1.15	
Trip for bit	1.15	2.45	
Drilling	2.45	4.30	
Changing Mud (Salt)	4.30	6.00	
Drilling	6.00	8.00	
Company Time			
Cont'r Time			
Service Rig & B.O.P.	8.00	8.15	
Drilling	8.15	16.00	
Company Time			
Cont'r Time			
Service Rig & B.O.P.	16.00	16.30	
Drilling	16.30	20.15	
Trip for bit	20.15	21.45	
Drilling	21.45	24.00	
Company Time			
Cont'r Time			

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

Total Contractor Time _____ Hrs.
 Total Company Time _____ Hrs.

Toolpusher _____
 Approved by _____

RIG No. 7 LOCATION Cities Service Lefty River A-21 AREA 6-41 DATE Jul 19 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>B. Hubershub</u>	8	1255	11	1266										Singles	<u>Service Rig + B.O.P.</u>			0.00	0.15	
Derrick <u>S. Mackiewicz</u>	8													Singles	<u>Coring</u>			0.15	0.00	
Floor <u>H. Lepine</u>	8													Singles						
Floor														Singles						
Floor														Singles						
Motor														Singles						
Mechanic														Singles						
Extra														Singles						
Injuries:														Singles						
Fires:														Singles						
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 <u>E. Ferguson</u>	8	1266	9	1275										Singles	<u>Service Rig + B.O.P.</u>			8.00	8.15	
Derrick <u>D. Davies</u>	8													Singles	<u>Coring</u>			8.15	16.00	
Floor <u>B. Cole</u>	8													Singles						
Floor														Singles						
Floor														Singles						
Motor														Singles						
Mechanic														Singles						
Extra														Singles						
Injuries:														Singles						
Fires:														Singles						
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 <u>H. Auckland</u>	8	1275	17	1292										Singles	<u>Service Rig + B.O.P.</u>			16.00	16.30	
Derrick <u>D. Laurin</u>	8													Singles	<u>Run in hole & change pipe</u>			16.30	17.30	
Floor <u>D. Pederson</u>	8													Singles	<u>Reaming</u>			17.30	19.30	
Floor														Singles	<u>Drilling</u>			19.30	24.00	
Floor														Singles						
Floor														Singles						
Motor														Singles						
Mechanic														Singles						
Extra														Singles						
Injuries:														Singles						
Fires:														Singles						

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 _____

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

RIG No. 7 LOCATION Cities Service Laferte River #21 AREA 6-41 DATE Feb 18 1967

Tour — Midnight - 6 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>B. Kucharschuk</u>	8	1193	50	1243															
Derrick	<u>B. Machiwick</u>	8																		
Floor	<u>R. Lepine</u>	8																		
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.																				
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			Start	Stop	Interval	
Driller	<u>E. Ferguson</u>	8	1243		1255															
Derrick	<u>D. Davis</u>	8																		
Floor	<u>B. Colis</u>	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.																				
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			Start	Stop	Interval	
Driller	<u>H. Auckland</u>	8																		
Derrick	<u>D. Lasey</u>	8																		
Floor	<u>D. Pederson</u>	8																		
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.																				

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 _____

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.	LOCATION	DATE	AREA	REMARKS	Start	Stop	Interval
1	Cities Service Laferte River	Feb 17	1967				
From 1050 Footage 40 To 1090 Hrs. on Bottom 8 Wt. Drill String (1000 lbs.) 180 DRILL COLLARS No. 9 O.D. 4 I.D. 3 Wgt. 13 FUEL Gals. 1 WATER Bbls. 1 COAL Tons 1 Stands 1				Service Rig + B.O.P.			
Specify actual hours worked 8 Hrs. 8				Drilling			
Driller B. Kucharchuk Derrick S. Mchewich Floor H. Laine				Trip for bit			
BIT No. 9 Size 4 1/2" Type Auger Serial No. KX554 Weight 13 R.P.M. 13 Ft. Drilled 13				Running			
BIT No. 10 Size 4 1/2" Type Auger Serial No. 180 Weight 27 R.P.M. 4 Ft. Drilled 30				Drilling			
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 Size TRIPS No. Lines TON MILES TOTAL MILES Slip Feet or Cut Feet Left on Spool Next Slip							
W.L. F.C. pH.							
From 109 Footage 62 To 1152 Hrs. on Bottom 8 Wt. Drill String (1000 lbs.) 180 DRILL COLLARS No. 10 O.D. 4 I.D. 3 Wgt. 62 FUEL Gals. 1 WATER Bbls. 1 COAL Tons 1 Stands 1				Service Rig + B.O.P.			
Specify actual hours worked 8 Hrs. 8				Drilling			
Driller E. Ingerson Derrick D. Davies Floor B. Cole							
BIT No. 10 Size 4 1/2" Type Auger Serial No. 180 Weight 62 R.P.M. 7 1/2 Ft. Drilled 7 1/2							
MUD 8 a.m. 10 a.m. 12 Noon 2 p.m. Additives At Surveys Degree MOTOR HOURS Next Oil Change							
WEIGHT VISCOSITY GEL							
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							
W.L. F.C. pH.							
From 1152 Footage 41 To 1193 Hrs. on Bottom 8 Wt. Drill String (1000 lbs.) 180 DRILL COLLARS No. 11 O.D. 4 I.D. 3 Wgt. 27 FUEL Gals. 1 WATER Bbls. 1 COAL Tons 1 Stands 1				Service Rig			
Specify actual hours worked 8 Hrs. 8				Drilling			
Driller H. Duckland Derrick D. Lauer Floor D. Pederson				Trip for bit			
BIT No. 10 Size 4 1/2" Type Auger Serial No. 180 Weight 27 R.P.M. 3 1/2 Ft. Drilled 3 1/2				Drilling			
BIT No. 11 Size 4 1/2" Type Auger Serial No. KX547 Weight 14 R.P.M. 2 1/2 Ft. Drilled 2 1/2							
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 Size TRIPS No. Lines TON MILES TOTAL MILES Slip Feet or Cut Feet Left on Spool Next Slip							
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 _____

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

RIG No. 7 LOCATION Cities Service Laferte River AREA 6-41 DATE Feb 15 1947

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.		786		47		833						No.		O.D.		I.D.		Wgt.		Gals.		Bbls.		Tons		Singles		Start Stop Interval				
Driller	<u>B. Kulerschuk</u>	8																																
Derrick	<u>E. Machewich</u>	8																																
Floor	<u>H. Lesine</u>	8																																
				B		No.		Size		Type		Size Jets		Serial No.		Weight		R.P.M.		Ft. Drilled		Hrs.		Feet Reamed		Hrs.		CONDITION		D. Collars				
				I		7		4 1/2		Gauger				427						47		7 1/2												
				T																														
				S																														
						MUD		12 Mn.		2 a.m.		4 a.m.		6 a.m.		Additives				At Surveys Degree		MOTOR HOURS		Next Oil Change										
						WEIGHT										3 bags Gel						1												
						VISCOSITY																2												
						GEL																3												
						No. 1		Pres-														4												
						Model		S.P.M.														5												
						Liner		Size														Feet Left on Spool		Next Slip										
						No. 2		Pres-																										
						Model		S.P.M.																										
						Liner		Size																										
						W.L.		F.C.		pH.																								
										</																								

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. 1 LOCATION Cities Service Laporte River AREA 6-41 DATE Feb 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.	O.D.	I.D.	Wgt.	Gals.	Bbls.	Tons	
Driller <u>B. Kucharski</u>	8	627	10	687										
Derrick <u>B. Machewick</u>	8													
Floor <u>J. Lepore</u>	8													
BITS No. <u>6</u> Size <u>H 3/4</u> Type <u>Grinner</u> Serial No. <u>H 29</u> Weight <u>10</u> R.P.M. <u>7 1/2</u> Ft. Drilled <u>7 1/2</u> MOTOR HOURS 1 2 3 4 5														
MUD 12 Mn. 2 a.m. 4 a.m. 6 a.m. Additives WEIGHT VISCOSITY GEL At Surveys Degree 1 2 3 4 5														
PUMPS No. 1 Pressure S.P.M. Model No. 2 Pressure S.P.M. Model Liner Size General Slip Feet or Cut Feet Left on Spool Next Slip														
W.L. F.C. pH. At Surveys Degree 1 2 3 4 5														
Tour — 8 a.m. to 4 p.m. Specify actual hours worked Driller <u>E. Ferguson</u> 8 Derrick <u>D. Davies</u> 8 Floor <u>B. Cole</u> 8 Floor Floor Motor Mechanic <u>H. Auckland</u> 3 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 No. Size Type Size Jets Serial No. Weight R.P.M. Ft. Drilled Hrs. Feet Reamed Hrs. CONDITION 6 H 3/4 Grinner H 29 53 7 1/2 MUD 8 a.m. 10 a.m. 12 Noon 2 p.m. Additives WEIGHT VISCOSITY GEL PUMPS No. 1 Pressure S.P.M. Model No. 2 Pressure S.P.M. Model Liner Size General W.L. F.C. pH. 740 H 6 786 7 H 3/4 Grinner H 27 H 6 1 1/2 MUD 4 p.m. 6 p.m. 8 p.m. 10 p.m. Additives WEIGHT VISCOSITY GEL PUMPS No. 1 Pressure S.P.M. Model No. 2 Pressure S.P.M. Model Liner Size General W.L. F.C. pH. At Surveys Degree 1 2 3 4 5														
Tour — 4 p.m. to Midnight Specify actual hours worked Driller <u>H. Auckland</u> 8 Derrick <u>D. Laurin</u> 8 Floor <u>D. Pederson</u> 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 No. Size Type Size Jets Serial No. Weight R.P.M. Ft. Drilled Hrs. Feet Reamed Hrs. CONDITION 7 H 3/4 Grinner H 27 H 6 1 1/2 MUD 4 p.m. 6 p.m. 8 p.m. 10 p.m. Additives WEIGHT VISCOSITY GEL PUMPS No. 1 Pressure S.P.M. Model No. 2 Pressure S.P.M. Model Liner Size General W.L. F.C. pH. At Surveys Degree 1 2 3 4 5														

REMARKS

Service Rig & B.O.P.
 Repairing
 Drilling

Start Stop Interval
 .00 0.15
 0.15 0.45
 0.45 8.00

Company Time Cont'r Time

Service Rig & B.O.P.
 Drilling

8.00 8.15
 8.15 16.00

Working on Wash house, Boiler & Drill.

Service Rig & B.O.P.
 Trip for bit
 Drilling

16.00 16.30
 16.30 17.30
 17.30 24.00

Company Time Cont'r Time

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 _____

CONTRACTOR DAY WORK RECORD

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

RIG No. 7 LOCATION Cities Service Laporte River ^{G-41} AREA A-21 DATE Feb 13 1967

[illegible]

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 _____

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

RIG No. 7 LOCATION Cities Service Lafourche River #21 AREA G-41 DATE Feb 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.																									Start Stop Interval		
Driller	<u>B. Kuchelchuk</u>	<u>8</u>		<u>232</u>		<u>57</u>		<u>289</u>																<u>Service Rig + B.O.P.</u>			<u>0.00 0.15</u>		
Derrick	<u>S. Mackiewicz</u>	<u>8</u>																						<u>Drilling</u>			<u>0.15 2.00</u>		
Floor	<u>H. Lepine</u>	<u>8</u>																						<u>Trip for bit</u>			<u>2.00 2.30</u>		
																								<u>Drilling</u>			<u>2.30 8.00</u>		
</																													

DAILY DRILLING REPORT

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

RIG No. 1 LOCATION Cities Service Lapetus River AREA G-41 DATE Feb 10 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							No.	O.D.	I.D.	Wgt.	Gals.	Bbls.	Tons		Start	Stop	Interval			
Driller	<u>B. Kucharski</u>	<u>8</u>	<u>0</u>	<u>50</u>	<u>50</u>															
Derrick	<u>S. Mackiewicz</u>	<u>8</u>																		
Floor	<u>J. Lepine</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																				
PUMPS		No. 1	Pressure																	
Model		S.P.M.																		
Liner Size																				
No. 2		Pressure																		
Model		S.P.M.																		
Liner Size																				
General																				
W.L.		F.C.				pH.														
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		Start	Stop	Interval			
Driller	<u>E. Ferguson</u>	<u>8</u>	<u>50</u>	<u>53</u>	<u>103</u>															
Derrick	<u>D. D. Davies</u>	<u>8</u>																		
Floor	<u>B. Coles</u>	<u>8</u>																		
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																				
General																				
W.L.		F.C.				pH.														
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		Start	Stop	Interval			
Driller	<u>M. Muckelton</u>	<u>8</u>																		
Derrick	<u>D. L. Lurie</u>	<u>8</u>																		
Floor	<u>D. Pederson</u>	<u>8</u>																		
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																				
General																				
W.L.		F.C.				pH.														

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 _____