Drilling Authority No. .....220.....
Date Issued .....

WELL NAME C.S. Lafette River A-21
FIELD ..... Area: .....
LOCATION: Unit .....A..... Section.....21..... Grid ..62-00..-..117-45....
Latitude ..61-50-07.5..... Longitude ...117-48-59.0625.....
From Established Reference Marker .....
.....

Rig Release Date: .....
Status .....
Information Release Date .....

CHANGE OF NAME:

DATE RECEIVED	INDEX
	Application for a Drilling Authority.
	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.
	Well Visit.
	Daily Drilling Reports.
	Logs. Large scale ..... Small scale .....

NANR 32 90(11-62)

DATE RECEIVED	

LOGS:

Name	Run No.	Type	Interval

ANALYSES:

Sample	Lab. No.	Formation	Interval

A.O.F. Potential	Formation	Interval	MC.F.D.	Test Date

DRILL STEM TESTS:

No.	Formation	Interval

Drilling Authority No. 220
Date Issued 12-22-65

CANADA

DEPARTMENT OF NORTHERN AFFAIRS AND NATIONAL RESOURCES
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 C.S. LAFERTE RIVER A-21

Permit No. 4061 Lease No.

Canada Cities Service Petroleum Corp (Permittee, Licensee, Lessee) Exploratory Licence No. 1004

Canada Cities Service Petroleum Corp (Operator) Exploratory Licence No. 1004

Location: Unit A Section 21 Grid 62°00' N Lat 117° 45' W Long

Latitude 61° 50' 07.5" Longitude 117° 48' 59.0625"

From Established Reference Marker

	DATE	DEPTH
Spudded	2-22-66	
Suspended		
Resumed		
Finished Drilling	3-6-66	
Deepened		
Complete (gas/oil)		
Abandoned	3-X-66	1375
Rig released	3-X-66	

Pool (s)

Interval(s) open to production

Elevation: Gr. 610

K.B. 616

Drilling Contractor & Rig No. Tri City Drilling #5

Contractor's Business Licence No. 24241

CASING RECORD

Casing Size (Inches)	Grade	Weight	Amount	Set at—	Sacks of Cement and Additives
1. 5½	J-55	14#	85'	88' 84'	20 sxs cement
2.					
3.					
4.					
5.					
6.					

GEOLOGICAL TOPS	ELEVATION Depths	ELEVATION Sub-Sea
Pine Point	704	-96
Pre Cambrian	1361	-751

CORE RECORD

From	To	Rec.	From	To	Rec.
740	760	17'			
760	780	18.7'			
780	800	20'			
1369	1375	4'5"			

LOG RECORD

Run No.	Type of Log	From	To
1	WIDCO E LOG	~~1276~~ 1372	85
1	WIDCO G-R	~~1276~~ 1372	0

NAME 28-00121 (7-65)

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
3-7-66	1375	1275	10 12 sxs cement								
3-7-66	950	850	14 12 sxs cement								
3-7-66	100	0	10 sxs cement								
			welded on name 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.	I.F.B.H.P.	F.F.B.H.P.	I.H.P.	F.H.P.	REMARKS
1	2-27-66	Pine Point	735	800	60	30	90 ~~30~~	87	201	79	88	423	423	weak blow throughout test Good initial puff, died on pre flow dead throughout period. Rec. 65' mud
2	3-1-66	Pine Point	860	915	60	30	90 ~~30~~	341	389	45	61	455	455	Light Good initial blow throughout. Rec. 60' salty water cut mud 55'
3	3-5-66	Pine Point	1280	1305	30	30	30	41	37	35	36	758	753	Weak initial puff. Dead through flow period. Rec. 5' salty mud

ANALYSIS

Lab. No.	Sample	From	To	Source	Remarks
C3H-2-160	DST #2 WC mud	860	915	Pine Point	Sample #2 (Sample #1 was from G-61 well.)
CNP-1-8161	Core	740	800	Pine Point	Full Diameter

PRESENT STATUS OF WELL

Oil ..... (Interval)

Gas ..... (Interval)

Dry

Susp.

MAY 20 1966

Company Canada Cities Service Petroleum Corp

Signed by

Title District Exploration Geologist

Date May 20, 1966

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

File No.
Drilling Authority No. 220

DEPARTMENT OF NORTHERN AFFAIRS AND NATIONAL RESOURCES
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: C.S. Laferte River A-21

Location: Unit: A Section: 21 Grid: 62°00'N.Lat.-117° 45'W.Long.

Latitude: 61° 50' 07.5" Longitude: 117° 48' 59.0625"

From Established Reference Marker:

Permit No.: 4061 Lease No.:

Canada-Cities Service Petroleum Corp.
(Permittee, Licensee, Lessee)

Date of commencement of proposed program:

OIL, GAS, AND WATER ENCOUNTERED
(Depths)

Oil at: -
Gas at: -
Water at: -
Total Depth: 1,375' Date of last operations: March 8, 1966.
Present condition of well:

CASING RECORD

	Casing Size O.D. Inches	Weight	Amount	Set At:—	Sack of Cement and Additives	Amount Pulled
1.	5½"	14#	85'	85'	20 sxs. cement	none
2.						
3.						
4.						
5.						

PROPOSED ABANDONMENT PROGRAM

Plug No.	Plug Position	Geological Formation	Number of Sacks of Cement	Remarks
1	1375 - 1275	Pine Point	12	
2	950 - 850	Pine Point	12	
3	100 - 0	Glacial Drift	10	

The following logs have been run: Wdco - E. Log 1375 - 85' Gamma Ray 1,375 - 0'
Other operations proposed:

Operations to be carried out by: Tri City Drilling Contractor Licence No. 24741
Address: 14305 - 120 Ave., Edmonton, Alberta. Address:
Responsible Agent in field: P.M. Dwyer
Dated at: Calgary, this 9 Day of March 19 66.
Signed by: District Exploration Geologist Company: Canada-Cities Service Petroleum Corp.
Title: Operator's Exploratory Licence No. 1004

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 9th March 1966

Dated 10th March, 19 66

Oil Conservation Engineer

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

NANR 52-90 (5) (7-65)

File No. .....

Drilling Authority No. 220

DEPARTMENT OF NORTHERN AFFAIRS AND NATIONAL RESOURCES
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 C.S. Laferte River A-21

Location: Unit A Section 21 Grid 62°00'N. Lat.-117°45' W.Long.

Latitude 61° 50' 07.5" Longitude 117° 48' 59.0625"

From Established Reference Marker .....

Elevation: Ground 605 K.B. ..... feet above sea-level.

Well is expected to produce from Slave Point formation at a depth of about 430 feet.

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

Permit No. 4061 Lease No. ..... Acreage 60,296

Permittee, licensee, or lessee Canada-Cities Service Petroleum Corp.

Exploratory Licence No. 1004

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	Sacks of Cement
1. 5½"	14	J-55		New	80	80
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 Guiberson 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, Alta.

Responsible agent of applicant:— Contractor's Business Licence No. 24241

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

Address 709 - 8 Ave. W., Calgary Address 709 - 8 Ave. S.W., Calgary, Alta.

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

Dated at Calgary this 30th day of November 19 65.

Signed by [signature] Company Canada-Cities Service Pet. Corp.

Title District Exploration Geologist Operator's Licence No. 1004

(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 22nd December 19 65 [signature]
Oil Conservation Engineer

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

NANR 52-90-1 (7-65)

C.S. LAFERTE RIVER

A-21

Drilling Authority No. 220
Date Issued

WELL NAME C.S. Lafarte River A-21
FIELD
Area:
LOCATION: Unit A Section 21 Grid 62-00 - 117-45
Latitude 61-50-07.3 Longitude 117-48-59.0625
From Established Reference Marker

Rig Release Date:
Status
Information Release Date

CHANGE OF NAME:

DATE RECEIVED	INDEX
	Application for a Drilling Authority.
	~~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.
	Well Visit.
	Daily Drilling Reports.
	Logs. Large scale ..... Small scale .....

NANR 52-90(11-62)

Drilling Authority No. 220
Date Issued 12-22-65

DEPARTMENT OF NORTHERN AFFAIRS AND NATIONAL RESOURCES
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 C.S. LAFERTE RIVER A-21

Permit No. 8061 Lease No.

Canada Cities Service Petroleum Corp (Permittee, Licensee, Lessee) Exploratory Licence No. 1008

Canada Cities Service Petroleum Corp (Operator) Exploratory Licence No. 1008

Location: Unit A Section 21 Grid 62°00' N Lat 117° 45' W Long

Latitude 61° 50' 07.5" Longitude 117° 48' 59.0525"

From Established Reference Marker

	DATE	DEPTH
Spudded	2-22-66	
Suspended		
Resumed		
Finished Drilling	3-6-66	
Deepened		
Complete (gas/oil)		
Abandoned	3-7-66	1375
Rig released	3-7-66	

Pool (s)

Interval(s) open to production

Elevation: Gr. 610

K.B. 616

Drilling Contractor & Rig No. Tri City Drilling #5

Contractor's Business Licence No. 24241

CASING RECORD

Casing Size (Inches)	Grade	Weight	Amount	Set at—	Sacks of Cement and Additives
1. 5½	J-55	14#	85'	85' 50'	20 sxs cement
2.					
3.					
4.					
5.					
6.					

GEOLOGICAL TOPS	ELEVATION Depths	ELEVATION Sub-Sea
Pine Point	704	-96
Pre Cambrian	1361	-751

CORE RECORD

From	To	Rec.	From	To	Rec.
740	760	17'			
760	780	18.7'			
780	800	20'			
1369	1375	4'5"			

LOG RECORD

Run No.	Type of Log	From	To
1	WIDCO E LOG	~~1276~~ 1372	85
1	WIDCO G-R	~~1276~~ 1372	0

NANR 83-60(2) (7-65)

CEMENTING RECORD (Plug, Squeeze, etc.)

Date	From	To	Remarks
3-7-66	1375	1275	12 sxs cement
3-7-66	950	850	12 sxs cement
3-7-66	100	0	10 sxs cement
			welded on name plate

PERFORATING RECORD (Bullet, Jet)

Date	From	To	Remarks

SERVICING RECORD (Acidizing, Fracing, etc.)

Date	From	To	Remarks

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.	I.F.B.H.P.	F.F.B.H.P.	I.H.P.	F.H.P.	REMARKS
1	2-27-66	Pine Point	735	800	60	30	90 30	87	201	79	88	423	423	Weak blow throughout test Good initial puff, died on pre flow dead throughout period. Rec. 65' mud
2	3-1-66	Pine Point	860	915	60	30	90 30	341	389	45	61	455	455	Good initial blow throughout. Rec. 60' salty water cut mud
3	3-5-66	Pine Point	1280	1305	30	30	30	41	37	35	36	758	753	Weak initial puff. Dead through flow period. Rec. 5' salty mud

ANALYSIS

Lab. No.	Sample	From	To	Source	Remarks
CBH-2-160	DST #2 WC mud	860	915	Pine Point	Sample #2 (Sample #1 was from G-6 well)
CNP-1-8161	Core	740	800	Pine Point	Full Diameter

PRESENT STATUS OF WELL

Oil ..... (Interval)

Gas ..... (Interval)

Dry .....

Susp. .....

MAY 20 1966

Company: Canada Cities Service Petroleum Corp

Signed by: [signature]

Title: District Exploration Geologist

Date: May 20, 1966

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

File No.
Drilling Authority No. 220

DEPARTMENT OF NORTHERN AFFAIRS AND NATIONAL RESOURCES
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: C.S. Laforte River A-21

Location: Unit A Section 21 Grid 62°00'N.Lat.-117° 45'W.Long.

Latitude 61° 58' 07.5" Longitude 117° 48' 59.0625"

From Established Reference Marker

Permit No. 8081 Lease No.

Canada Cities Service Petroleum Corp.
(Permittee, Licensee, Lessee)

Date of commencement of proposed program

OIL, GAS, AND WATER ENCOUNTERED
(Depths)

Oil at -
Gas at -
Water at -
Total Depth 1,375' Date of last operations March 8, 1966.
Present condition of well

CASING RECORD

Casing Size O.D. Inches	Weight	Amount	Set At—	Sacks of Cement and Additives	Amount Pulled
1. 5½"	14#	85'	85'	20 sxs. cement	none
2.					
3.					
4.					
5.					

PROPOSED ABANDONMENT PROGRAM

Plug No.	Plug Position	Geological Formation	Number of Sacks of Cement	Remarks
1	1375 - 1275	Pine Point	12	
2	950 - 850	Pine Point	12	
3	100 - 0	Glacial Drift	10	

The following logs have been run Wisco - E. Log 1375 - 85' Gamma Ray 1,375 - 0'

Other operations proposed

Operations to be carried out by Tri City Drilling Contractor Licence No. 28241
Address 14505 - 120 Ave., Edmonton, Alberta. Address
Responsible Agent in field P.N. Dyer
Dated at Calgary, this 9 Day of March 19 66.
Signed by [signature] Company Canada Cities Service Petroleum Corp.
Title District Exploration Geologist Operator's Exploratory Licence No. 1004

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 9th March 1966

Dated 10th March, 19 66 [signature]
Oil Conservation Engineer

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

NANR 51-90 (5) (7-65)

File No.

Drilling Authority No. 220

DEPARTMENT OF NORTHERN AFFAIRS AND NATIONAL RESOURCES
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 C.S. Laferte River A-21

Location: Unit A Section 21 Grid 62°00'N. Lat.-117°45' W.Long.

Latitude 61° 50' 07.5" Longitude 117° 48' 59.0625"

From Established Reference Marker

Elevation: Ground 605 K.B. feet above sea-level.

Well is expected to produce from Slave Point formation at a depth of about 430 feet.

Area assigned to well

(For Oil Conservation Engineer's use only)

Permit No. 4061 Lease No. Acreage 60,296

Permittee, licensee, or lessee Canada-Cities Service Petroleum Corp.

Exploratory Licence No. 1004

Surface owned by Crown or Crown

(If allocated 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	Sacks of Cement
1. 5½"	14	J-55		New	80	80
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 Gaiberson 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)

18305 - 120 Avenue, Edmonton, Alta.

Responsible agent of applicant:— Contractor's Business Licence No. 24241

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

Address 709 - 8 Ave. W., Calgary Address 709 - 8 Ave. S.W., Calgary, Alta.

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

Dated at Calgary this 30th day of November 19 65.

Signed by [signature] Company Canada-Cities Service Pet. Corp.

Title District Exploration Geologist Operator's Licence No. 100-

(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 22nd December 19 65 [signature]
Oil Conservation Engineer

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

NANR-52-90-1 (7-65)

TRI-CITY DRILLING CO. LTD.

DAILY DRILLING REPORT

RIG No. 5 LOCATION Lotsee Drainer Lafonte River A 21 AREA _____ DATE Mar. 1 1966

CONTRACTOR

DAY WORK RECORD

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

Tour — Midnight - 8 a.m.

Specify actual hours worked	Hrs.
Driller J. Handford	10
Derrick	
Floor A. Willmot	8 10
Floor W. Belfit	8 10
Floor	
Motor	
Mechanic	
Extra	

Injuries:

Fires:

From	Footage	To	Hrs. on Bottom	Wt. Drill String (1000 lbs.)	DRILL COLLARS No.	O.D.	I.D.	Wgt.	FUEL Gals.	WATER Bbls.	COAL Tons

BITS 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	At Surveys Degree	MOTOR HOURS	Next Oil Change
WEIGHT							1	
VISCOSITY							2	
GEL							3	
PUMPS No. 1 Pressure							4	
Model S.P.M.							5	
Liner Size								
No. 2 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

General

W.L. F.C. pH.

Stands / Singles / D. Collars / Other Ft. / C.B. Ft. / Subs. Ft. / Ft. Up On Kelly / TOTAL

Time Start	Stop	Interval	REMARKS
00:00	08:00		Rigging Down

Company Time Cont'r Time

Tour — 8 a.m. to 4 p.m.

Specify actual hours worked	Hrs.
Driller A. Anderson	1
Derrick	
Floor A. Abrahamson	1
Floor B. Lepine	1
Floor	
Motor	
Mechanic	
Extra	

Injuries:

Fires:

From	Footage	To	Hrs. on Bottom	Wt. Drill String (1000 lbs.)	DRILL COLLARS No.	O.D.	I.D.	Wgt.	FUEL Gals.	WATER Bbls.	COAL Tons

BITS 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	At Surveys Degree	MOTOR HOURS	Next Oil Change
WEIGHT							1	
VISCOSITY							2	
GEL							3	
PUMPS No. 1 Pressure							4	
Model S.P.M.							5	
Liner Size								
No. 2 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

General

W.L. F.C. pH.

Stands / Singles / D. Collars / Other Ft. / C.B. Ft. / Subs. Ft. / Ft. Up On Kelly / TOTAL

Time Start	Stop	Interval	REMARKS
08:00	09:00		Rigging Down
			Rig Released: Mar. 1/66 - 9:00 A.M.
			T.D. 1375'

Company Time Cont'r Time

Tour — 4 p.m. to Midnight

Specify actual hours worked	Hrs.
Driller	
Derrick	
Floor	
Floor	
Floor	
Motor	
Mechanic	
Extra	

Injuries:

Fires:

From	Footage	To	Hrs. on Bottom	Wt. Drill String (1000 lbs.)	DRILL COLLARS No.	O.D.	I.D.	Wgt.	FUEL Gals.	WATER Bbls.	COAL Tons

BITS 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	At Surveys Degree	MOTOR HOURS	Next Oil Change
WEIGHT							1	
VISCOSITY							2	
GEL							3	
PUMPS No. 1 Pressure							4	
Model S.P.M.							5	
Liner Size								
No. 2 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

General

W.L. F.C. pH.

Stands / Singles / D. Collars / Other Ft. / C.B. Ft. / Subs. Ft. / Ft. Up On Kelly / TOTAL

Company Time Cont'r Time

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 CO. LTD.

DAILY DRILLING REPORT

CONTRACTOR

DAY WORK RECORD

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

RIG No. 5 LOCATION Sutton Bruce Lake River 0-21 AREA _____ DATE Nov. 7 1966

Tour — Midnight - 8 a.m.

Specify actual hours worked	Hrs.
Driller J. Hamilton	8
Derrick	
Floor A. Wilgenz	8
Floor A. Bept	8
Floor	
Motor	
Mechanic	
Extra	

Injuries:

Fires:

From	Footage	To	Hrs. on Bottom	Wt. Drill String (1000 lbs.)	DRILL COLLARS No.	O.D.	I.D.	Wgt.	FUEL Gals.	WATER Bbls.	COAL Tons

BITS 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	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; No. 2 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

General

W.L. F.C. pH.

Stands / Singles / D. Collars / Other Ft. / C.B. Ft. / Subs. Ft. / Ft. Up On Kelly / TOTAL

REMARKS	Time Start	Stop	Interval
Logging	00.00	02:30	
Travel mud tank, mix mud	02:30		
Rigging ~~[illegible]~~ to displace,			
Running to bottom + displacing		08:00	

Tour — 8 a.m. to 4 p.m.

Specify actual hours worked	Hrs.
Driller A. Anderson	8
Derrick	
Floor A. Christianson	8
Floor H. Gipins	8
Floor	
Motor	
Mechanic	
Extra	

Injuries:

Fires:

From	Footage	To	Hrs. on Bottom	Wt. Drill String (1000 lbs.)	DRILL COLLARS No.	O.D.	I.D.	Wgt.	FUEL Gals.	WATER Bbls.	COAL Tons

BITS No.	Size	Type	Size Jets	Serial No.	Weight	R.P.M.	Ft. Drilled	Hrs.	Feet Reamed	Hrs.	CONDITION
15	4¾	Security		199							

MUD	8 a.m.	10 a.m.	12 Noon	2 p.m.	Additives	At Surveys Degree	MOTOR HOURS	Next Oil Change
WEIGHT					1400# Mud		1	
VISCOSITY					700# Gel		2	
GEL							3	
							4	
							5	

PUMPS: No. 1 Pressure; Model; S.P.M.; Liner Size; No. 2 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

General

W.L. F.C. pH.

Stands / Singles / D. Collars / Other Ft. / C.B. Ft. / Subs. Ft. / Ft. Up On Kelly / TOTAL

Company Time	Cont'r Time	Start	Stop	Interval
Service Rig		08:00	08:20	
Mix mud, displace hole		08:20	10:00	
Trip out		10:00	11:00	
Logging, 10:00		11:00	16:00	

Tour — 4 p.m. to Midnight

Specify actual hours worked	Hrs.
Driller A. Ostebbe	8
Derrick	
Floor H. Gruno	8
Floor L. Mullin	8
Floor	
Motor	
Mechanic	
Extra	

Injuries:

Fires:

From	Footage	To	Hrs. on Bottom	Wt. Drill String (1000 lbs.)	DRILL COLLARS No.	O.D.	I.D.	Wgt.	FUEL Gals.	WATER Bbls.	COAL Tons

BITS 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	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; No. 2 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

General

W.L. F.C. pH.

Stands / Singles / D. Collars / Other Ft. / C.B. Ft. / Subs. Ft. / Ft. Up On Kelly / TOTAL

Company Time	Cont'r Time	Start	Stop	Interval
Logging		16.00	17:00	
W.O.O. Serv.		17.00	21:30	
Cementing: Plug #1 - 1375' - 10 bags cement		21:30		
Plug #2 - 900' - 14 " "				
Plug #3 - 100' - 10 " "				

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 _____

5/15

TRI-CITY DRILLING CO. LTD.

DAILY DRILLING REPORT

CONTRACTOR

DAY WORK RECORD

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

RIG No. 5 LOCATION Imperial Drumm Lafute Creek A 21 AREA _____ DATE March 6 1966

Tour — Midnight - 8 a.m.

Specify actual hours worked	Hrs.
Driller J. Stallard	8
Derrick	
Floor A. Whitnack	8
Floor A. Bept.	8
Floor	
Motor	
Mechanic	
Extra	

Injuries:

Fires:

From	Footage	To	Hrs. on Bottom	Wt. Drill String (1000 lbs.)	DRILL COLLARS No.	O.D.	I.D.	Wgt.	FUEL Gals.	WATER Bbls.	COAL Tons
1315	39	1354	8								

BITS No.	Size	Type	Size Jets	Serial No.	Weight	R.P.M.	Ft. Drilled	Hrs.	Feet Reamed	Hrs.	CONDITION
13	4 3/4	Gruner		162							

MUD	12 Mn.	2 a.m.	4 a.m.	6 a.m.
WEIGHT				
VISCOSITY				
GEL				

Additives: _____ At Surveys Degree _____

MOTOR HOURS	Next Oil Change
1	
2	
3	
4	
5	

PUMPS				
No. 1	Pressure			
Model	S.P.M.			
	Liner Size			
No. 3	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

General

W.L. F.C. pH.

Stands	
Singles	
D. Collars	
Other Ft.	
C.B. Ft.	
Subs. Ft.	
Ft. Up On Kelly	
TOTAL	

Time	Start	Stop	Interval
Drilling	00.00	08.00	

Tour — 8 a.m. to 4 p.m.

Specify actual hours worked	Hrs.
Driller A. Anderson	8
Derrick	
Floor H. Lyons	8
Floor A. Buckanan	8
Floor	
Motor	
Mechanic	
Extra	

Injuries:

Fires:

From	Footage	To	Hrs. on Bottom	Wt. Drill String (1000 lbs.)	DRILL COLLARS No.	O.D.	I.D.	Wgt.	FUEL Gals.	WATER Bbls.	COAL Tons
1354	15	1369	6 1/2								

BITS No.	Size	Type	Size Jets	Serial No.	Weight	R.P.M.	Ft. Drilled	Hrs.	Feet Reamed	Hrs.	CONDITION
13	4 3/4	Gruner		162							
14	4 3/4	Gruner		181							

MUD	8 a.m.	10 a.m.	12 Noon	2 p.m.
WEIGHT				
VISCOSITY				
GEL				

Additives: _____ At Surveys Degree _____

MOTOR HOURS	Next Oil Change
1	
2	
3	
4	
5	

PUMPS				
No. 1	Pressure			
Model	S.P.M.			
	Liner Size			
No. 2	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

General

W.L. F.C. pH.

Stands	
Singles	
D. Collars	
Other Ft.	
C.B. Ft.	
Subs. Ft.	
Ft. Up On Kelly	
TOTAL	

Company Time	Cont'r Time	Start	Stop	Interval
Service Rig		08.00	08.20	
Drilling		0820	09.30	
Trip out for new bit		09.30	10.40	
Drilling		10.40	16.00	

Tour — 4 p.m. to Midnight

Specify actual hours worked	Hrs.
Driller A. Ritchie	8
Derrick	
Floor W. Irwin	8
Floor L. Mullis	8
Floor	
Motor	
Mechanic	
Extra	

Injuries:

Fires:

From	Footage	To	Hrs. on Bottom	Wt. Drill String (1000 lbs.)	DRILL COLLARS No.	O.D.	I.D.	Wgt.	FUEL Gals.	WATER Bbls.	COAL Tons

BITS 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.
WEIGHT				
VISCOSITY				
GEL				

Additives: 600# Mud At Surveys Degree _____

MOTOR HOURS	Next Oil Change
1	
2	
3	
4	
5	

PUMPS				
No. 1	Pressure			
Model	S.P.M.			
	Liner Size			
No. 2	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

General

W.L. F.C. pH.

Stands	
Singles	
D. Collars	
Other Ft.	
C.B. Ft.	
Subs. Ft.	
Ft. Up On Kelly	
TOTAL	

Company Time	Cont'r Time	Start	Stop	Interval
Trip out, pick up new bit		16.00	18.00	
Lowing mix mud - 1369 ft - 1375 ft		18.00	21.00	
Drill		21.00	21.30	
Trip out remove bit		21.30	23.00	
Lowing down Johnston Tools		23.00	23.30	
Logging		23.30	24.00	

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 _____

2/0

TRI-CITY DRILLING CO. LTD.

DAILY DRILLING REPORT

CONTRACTOR

DAY WORK RECORD

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

RIG No. 5 LOCATION Bruce Bruce Lafarge River A 21 AREA DATE Mar 5 1966

Tour — Midnight - 8 a.m.

Specify actual hours worked	Hrs.
Driller J. Hartfield	8
Derrick	
Floor A. Wittmeck	8
Floor H. Boyt	8
Floor	
Motor	
Mechanic	
Extra	

Injuries:

Fires:

From	Footage	To	Hrs. on Bottom	Wt. Drill String (1000 lbs.)	Drill Collars No.	O.D.	I.D.	Wgt.	Fuel Gals.	Water Bbls.	Coal Tons
1285	20	1305	7								

Bits No.	Size	Type	Size Jets	Serial No.	Weight	R.P.M.	Ft. Drilled	Hrs.	Feet Reamed	Hrs.	Condition
12	4 3/4	GRINDER		3181							

MUD	12 Mn.	2 a.m.	4 a.m.	6 a.m.
WEIGHT				
VISCOSITY				
GEL				

Additives | At Surveys Degree | Motor Hours 1 2 3 4 5 | Next Oil Change

Pumps No. 1 Pressure, Model, S.P.M., Liner Size; No. 2 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

General

W.L. F.C. pH.

Stands, Singles, D. Collars, Other Ft., C.B. Ft., Subs. Ft., Ft. Up On Kelly, TOTAL

Time	Start	Stop	Interval
Drilling	00.00	07.00	
Trip out	07.00	07.30	
Repair Pumps	07.30	08.00	

Tour — 8 a.m. to 4 p.m.

Specify actual hours worked	Hrs.
Driller A. Anderson	8
Derrick	
Floor A. Alexander	8
Floor D. Lepine	8
Floor	
Motor	
Mechanic	
Extra	

Injuries:

Fires:

From	Footage	To	Hrs. on Bottom	Wt. Drill String (1000 lbs.)	Drill Collars No.	O.D.	I.D.	Wgt.	Fuel Gals.	Water Bbls.	Coal Tons

Bits 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.
WEIGHT				
VISCOSITY				
GEL				

Additives | At Surveys Degree | Motor Hours 1 2 3 4 5 | Next Oil Change

Pumps No. 1 Pressure, Model, S.P.M., Liner Size; No. 2 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

General

W.L. F.C. pH.

Stands, Singles, D. Collars, Other Ft., C.B. Ft., Subs. Ft., Ft. Up On Kelly, TOTAL

Time	Start	Stop	Interval
Company Time / Cont'r Time			
Bruce Rig	08.00	08.20	
Repair Pumps	08.20	11.30	
Ream	11.30	12.00	
Lunch	12.00	12.40	
Trip out	12.40	13.20	
Rig up Parker turn in	13.20	15.00	
Drilling	15.00	16.00	

Tour — 4 p.m. to Midnight

Specify actual hours worked	Hrs.
Driller A. Fletcher	8
Derrick	
Floor W. Brown	8
Floor L. Martin	8
Floor	
Motor	
Mechanic	
Extra	

Injuries:

Fires:

From	Footage	To	Hrs. on Bottom	Wt. Drill String (1000 lbs.)	Drill Collars No.	O.D.	I.D.	Wgt.	Fuel Gals.	Water Bbls.	Coal Tons
1305	10	1315	4 1/2								

Bits No.	Size	Type	Size Jets	Serial No.	Weight	R.P.M.	Ft. Drilled	Hrs.	Feet Reamed	Hrs.	Condition
13	4 3/4	GRINDER		162							

MUD	4 p.m.	6 p.m.	8 p.m.	10 p.m.
WEIGHT				
VISCOSITY				
GEL				

Additives | At Surveys Degree | Motor Hours 1 2 3 4 5 | Next Oil Change

Pumps No. 1 Pressure, Model, S.P.M., Liner Size; No. 2 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

General DST # 2 - 1290 ft - 1305 ft.

W.L. F.C. pH.

Stands, Singles, D. Collars, Other Ft., C.B. Ft., Subs. Ft., Ft. Up On Kelly, TOTAL

Time	Start	Stop	Interval
Company Time / Cont'r Time			
Drilling & Pulling Tester	16.00	18.30	
Run in new bit	18.30	19.30	
Drilling	19.30	24.00	

Company Time / Cont'r Time

Toico 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 _____

TRI CITY DRILLING CO. LTD.

DAILY DRILLING REPORT

CONTRACTOR

DAY WORK RECORD

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

RIG No. 5 LOCATION Settles Bonnie Lafonte River A. 21 AREA _____ DATE March 4 1966

Tour — Midnight - 8 a.m.

Specify actual hours worked	Hrs.
Driller J. Bradford	8
Derrick	
Floor A. Wittgard	8
Floor W. Pigt	8
Floor	
Motor	
Mechanic	
Extra	

Injuries:

Fires:

From	Footage	To	Hrs. on Bottom	Wt. Drill String (1000 lbs.)	DRILL COLLARS No.	O.D.	I.D.	Wgt.	FUEL Gals.	WATER Bbls.	COAL Tons
1103	37	1140	8								

BITS No.	Size	Type	Size Jets	Serial No.	Weight	R.P.M.	Ft. Drilled	Hrs.	Feet Reamed	Hrs.	CONDITION
4	4 3/4	GRINER		3100							

MUD	12 Mn.	2 a.m.	4 a.m.	6 a.m.
WEIGHT				
VISCOSITY				
GEL				

Additives: At Surveys Degree

MOTOR HOURS		Next Oil Change
1		
2		
3		
4		
5		

PUMPS			
No. 1	Pressure		
Model	S.P.M.		
	Liner Size		
No. 2	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

General

W.L. F.C. pH.

Stands	
Singles	
D. Collars	
Other Ft.	
C.B. Ft.	
Subs. Ft.	
Ft. Up On Kelly	
TOTAL	

REMARKS	Time Start	Time Stop	Interval
Drilling	00.00	08.00	

Tour — 8 a.m. to 4 p.m.

Specify actual hours worked	Hrs.
Driller A. Anderson	8
Derrick	
Floor A. Christiansen	8
Floor H. Lepine	8
Floor	
Motor	
Mechanic	
Extra	

Injuries:

Fires:

From	Footage	To	Hrs. on Bottom	Wt. Drill String (1000 lbs.)	DRILL COLLARS No.	O.D.	I.D.	Wgt.	FUEL Gals.	WATER Bbls.	COAL Tons
1140	110	1250	6:40								

BITS No.	Size	Type	Size Jets	Serial No.	Weight	R.P.M.	Ft. Drilled	Hrs.	Feet Reamed	Hrs.	CONDITION
11	4 3/4	GRINER		3100							

MUD	8 a.m.	10 a.m.	12 Noon	2 p.m.
WEIGHT				
VISCOSITY				
GEL				

Additives: At Surveys Degree

MOTOR HOURS		Next Oil Change
1		
2		
3		
4		
5		

PUMPS			
No. 1	Pressure		
Model	S.P.M.		
	Liner Size		
No. 2	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

General

W.L. F.C. pH.

Stands	
Singles	
D. Collars	
Other Ft.	
C.B. Ft.	
Subs. Ft.	
Ft. Up On Kelly	
TOTAL	

REMARKS	Time Start	Time Stop	Interval
Company Time / Cont'r Time			
Service Rig	08.00	08.20	
Drilling	08.20	15.00	
Trip in for new bit	15.00	16.00	
Company Time / Cont'r Time			
Drilling	16.00	24.00	

Tour — 4 p.m. to Midnight

Specify actual hours worked	Hrs.
Driller O. Hibbs	8
Derrick	
Floor W. Ames	8
Floor Larry Phillips	8
Floor	
Motor	
Mechanic	
Extra	

Injuries:

Fires:

From	Footage	To	Hrs. on Bottom	Wt. Drill String (1000 lbs.)	DRILL COLLARS No.	O.D.	I.D.	Wgt.	FUEL Gals.	WATER Bbls.	COAL Tons
1250	35	1285	8								

BITS No.	Size	Type	Size Jets	Serial No.	Weight	R.P.M.	Ft. Drilled	Hrs.	Feet Reamed	Hrs.	CONDITION
12	4 3/4	GRINER		3181							

MUD	4 p.m.	6 p.m.	8 p.m.	10 p.m.
WEIGHT				
VISCOSITY				
GEL				

Additives: At Surveys Degree

MOTOR HOURS		Next Oil Change
1		
2		
3		
4		
5		

PUMPS			
No. 1	Pressure		
Model	S.P.M.		
	Liner Size		
No. 2	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

General

W.L. F.C. pH.

Stands	
Singles	
D. Collars	
Other Ft.	
C.B. Ft.	
Subs. Ft.	
Ft. Up On Kelly	
TOTAL	

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 _____

TRI-CITY DRILLING CO. LTD.

DAILY DRILLING REPORT

CONTRACTOR

DAY WORK RECORD

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

RIG No. 5 LOCATION Leitis Lemur Lafonte Rivers 0 21 AREA _____ DATE ~~Oct~~ March 3 1966

Tour — Midnight - 8 a.m.

Specify actual hours worked	Hrs.
Driller J. Hartford	8
Derrick	
Floor A. Wotzenek	8
Floor U. Bift	8
Floor	
Motor	
Mechanic	
Extra	

Injuries:

Fires:

From	Footage	To	Hrs. on Bottom	Wt. Drill String (1000 lbs.)	DRILL COLLARS No.	O.D.	I.D.	Wgt.	FUEL Gals.	WATER Bbls.	COAL Tons
980	42	1022	8								

BITS No.	Size	Type	Size Jets	Serial No.	Weight	R.P.M.	Ft. Drilled	Hrs.	Feet Reamed	Hrs.	CONDITION
9	4 3/4	GRINER		157							

MUD	12 Mn.	2 a.m.	4 a.m.	6 a.m.
WEIGHT				
VISCOSITY				
GEL				

Additives: At Surveys Degree

MOTOR HOURS		Next Oil Change
1		
2		
3		
4		
5		

PUMPS			
No. 1	Pressure		
Model	S.P.M.		
	Liner Size		
No. 2	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

General

W.L. F.C. pH.

Stands / Singles / D. Collars / Other Ft. / C.B. Ft. / Subs. Ft. / Ft. Up On Kelly / TOTAL

Company Time	Cont'r Time	Start	Stop	Interval
Drilling		00:00	8:00	

Tour — 8 a.m. to 4 p.m.

Specify actual hours worked	Hrs.
Driller A. Anderson	8
Derrick	
Floor A. Mackenzie	8
Floor F. Lepine	8
Floor	
Motor	
Mechanic	
Extra	

Injuries:

Fires:

From	Footage	To	Hrs. on Bottom	Wt. Drill String (1000 lbs.)	DRILL COLLARS No.	O.D.	I.D.	Wgt.	FUEL Gals.	WATER Bbls.	COAL Tons
1022	43	1065	5 1/2								

BITS No.	Size	Type	Size Jets	Serial No.	Weight	R.P.M.	Ft. Drilled	Hrs.	Feet Reamed	Hrs.	CONDITION
9	4 3/4	GRINER		157							
10	4 3/4	Williams		14989							

MUD	8 a.m.	10 a.m.	12 Noon	2 p.m.
WEIGHT				
VISCOSITY				
GEL				

Additives: At Surveys Degree

MOTOR HOURS		Next Oil Change
1		
2		
3		
4		
5		

PUMPS			
No. 1	Pressure		
Model	S.P.M.		
	Liner Size		
No. 2	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

General

W.L. F.C. pH.

Stands / Singles / D. Collars / Other Ft. / C.B. Ft. / Subs. Ft. / Ft. Up On Kelly / TOTAL

Company Time	Cont'r Time	Start	Stop	Interval
Former Rig		08:00	09:00	
Drilling		09:00	11:00	
Trip out for new bit		11:00	12:00	
Drilling		12:00	15:00	
Repairing		15:00	15:30	
Drilling		15:30	16:00	

Tour — 4 p.m. to Midnight

Specify actual hours worked	Hrs.
Driller A. Hetchin	8
Derrick	
Floor D. Reeves	8
Floor L. Mullin	8
Floor	
Motor	
Mechanic	
Extra	

Injuries:

Fires:

From	Footage	To	Hrs. on Bottom	Wt. Drill String (1000 lbs.)	DRILL COLLARS No.	O.D.	I.D.	Wgt.	FUEL Gals.	WATER Bbls.	COAL Tons
1065	38	1103	6 3/4								

BITS No.	Size	Type	Size Jets	Serial No.	Weight	R.P.M.	Ft. Drilled	Hrs.	Feet Reamed	Hrs.	CONDITION
10	4 3/4	Williams		14989							
11	4 3/4	GRINER		3100							

MUD	4 p.m.	6 p.m.	8 p.m.	10 p.m.
WEIGHT				
VISCOSITY				
GEL				

Additives: At Surveys Degree

MOTOR HOURS		Next Oil Change
1		
2		
3		
4		
5		

PUMPS			
No. 1	Pressure		
Model	S.P.M.		
	Liner Size		
No. 2	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

General

W.L. F.C. pH.

Stands / Singles / D. Collars / Other Ft. / C.B. Ft. / Subs. Ft. / Ft. Up On Kelly / TOTAL

Company Time	Cont'r Time	Start	Stop	Interval
Drilling		16:00	22:00	
Trip out for new bit		22:00	23:15	
Drilling		23:15	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 _____

TRI-CITY DRILLING CO. LTD.

DAILY DRILLING REPORT

RIG No. 5 LOCATION Sitka Bonnie Lafferty Area A-31 AREA _____ DATE Mar. 2 1966

CONTRACTOR

DAY WORK RECORD

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

Tour — Midnight - 8 a.m.

Specify actual hours worked	Hrs.
Driller J. Stradford	8
Derrick G. Wittgot	8
Floor U. Kept.	8
Floor	
Floor	
Motor	
Mechanic	
Extra	

Injuries:

Fires:

From	Footage	To	Hrs. on Bottom	Wt. Drill String (1000 lbs.)	DRILL COLLARS No.	O.D.	I.D.	Wgt.	FUEL Gals.	WATER Bbls.	COAL Tons
920	9	929	4								

BITS No.	Size	Type	Size Jets	Serial No.	Weight	R.P.M.	Ft. Drilled	Hrs.	Feet Reamed	Hrs.	CONDITION
8	4 3/4	Gruner		191							

MUD	12 Mn.	2 a.m.	4 a.m.	6 a.m.
WEIGHT				
VISCOSITY				
GEL				

Additives: 300 # Gel.

At Surveys Degree

MOTOR HOURS	Next Oil Change
1	
2	
3	
4	
5	

PUMPS: No. 1 Pressure, Model, S.P.M., Liner Size; No. 2 Pressure, Model, S.P.M., Liner Size

Size	TRIPS	No. Liner	TON MILES	TOTAL MILES	Slip Feet or Cut	Feet Left on Spool	Next Slip

General: DST #2 860 ft + 915 ft.

W.L. F.C. pH.

Stands / Singles / D. Collars / Other Ft. / C.B. Ft. / Subs. Ft. / Ft. Up On Kelly / TOTAL

REMARKS	Time Start	Stop	Interval
Testing	00:00	01:00	
Pulling pipe + testing	01:00	03:00	
Running in new bit, moving mud	03:00	04:00	
Drilling	04:00	08:00	

Tour — 8 a.m. to 4 p.m.

Specify actual hours worked	Hrs.
Driller A. Anderson	8
Derrick	
Floor A. Alexander	8
Floor H. Gagne	8
Floor	
Motor	
Mechanic	
Extra	

Injuries:

Fires:

From	Footage	To	Hrs. on Bottom	Wt. Drill String (1000 lbs.)	DRILL COLLARS No.	O.D.	I.D.	Wgt.	FUEL Gals.	WATER Bbls.	COAL Tons
929	21	950	7:40								

BITS No.	Size	Type	Size Jets	Serial No.	Weight	R.P.M.	Ft. Drilled	Hrs.	Feet Reamed	Hrs.	CONDITION
8	4 3/4	Gruner		191							

MUD	8 a.m.	10 a.m.	12 Noon	2 p.m.
WEIGHT				
VISCOSITY				
GEL				

Additives

At Surveys Degree

MOTOR HOURS	Next Oil Change
1	
2	
3	
4	
5	

PUMPS: No. 1 Pressure, Model, S.P.M., Liner Size; No. 2 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

General

W.L. F.C. pH.

Stands / Singles / D. Collars / Other Ft. / C.B. Ft. / Subs. Ft. / Ft. Up On Kelly / TOTAL

Company Time	Cont'r Time	Start	Stop	Interval
Service rig		08:00	08:20	
Drilling		08:20	16:00	

Tour — 4 p.m. to Midnight

Specify actual hours worked	Hrs.
Driller O. Ketchler	8
Derrick	
Floor W. Skinner	8
Floor J. Mollis	8
Floor	
Motor	
Mechanic	
Extra	

Injuries:

Fires:

From	Footage	To	Hrs. on Bottom	Wt. Drill String (1000 lbs.)	DRILL COLLARS No.	O.D.	I.D.	Wgt.	FUEL Gals.	WATER Bbls.	COAL Tons
950	30	980	7 1/2								

BITS No.	Size	Type	Size Jets	Serial No.	Weight	R.P.M.	Ft. Drilled	Hrs.	Feet Reamed	Hrs.	CONDITION
8	4 3/4	Gruner		191							
9	4 3/4	Gruner		137							

MUD	4 p.m.	6 p.m.	8 p.m.	10 p.m.
WEIGHT				
VISCOSITY				
GEL				

Additives

At Surveys Degree

MOTOR HOURS	Next Oil Change
1	
2	
3	
4	
5	

PUMPS: No. 1 Pressure, Model, S.P.M., Liner Size; No. 2 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

General

W.L. F.C. pH.

Stands / Singles / D. Collars / Other Ft. / C.B. Ft. / Subs. Ft. / Ft. Up On Kelly / TOTAL

Company Time	Cont'r Time	Start	Stop	Interval
Drilling		16:00	19:30	
Trip for new bit		19:30	20:30	
Drilling		20:30	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 _____

TRI-CITY DRILLING CO. LTD.

DAILY DRILLING REPORT

CONTRACTOR

DAY WORK RECORD

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

RIG No. 5 LOCATION Pelican Crossing Lafrate River A 21 AREA _____ DATE March 1 1966

Tour — Midnight - 8 a.m.

Specify actual hours worked	Hrs.
Driller J. Stockfort	8
Derrick	
Floor A. Wilkport	8
Floor W. Kipt	8
Floor	
Motor	
Mechanic	
Extra	

Injuries:

Fires:

From	Footage	To	Hrs. on Bottom	Wt. Drill String (1000 lbs.)	DRILL COLLARS No.	O.D.	I.D.	Wgt.	FUEL Gals.	WATER Bbls.	COAL Tons
840	35	875	7								

BITS No.	Size	Type	Size Jets	Serial No.	Weight	R.P.M.	Ft. Drilled	Hrs.	Feet Reamed	Hrs.	CONDITION
6	4 3/4	Grunner		189							
7	4 3/4	Grunner		186							

MUD	12 Mn.	2 a.m.	4 a.m.	6 a.m.
WEIGHT				
VISCOSITY				
GEL				

Additives: _____ At Surveys Degree _____

MOTOR HOURS	Next Oil Change
1	
2	
3	
4	
5	

Stands / Singles / D. Collars / Other Ft. / C.B. Ft. / Subs. Ft. / Ft. Up On Kelly / TOTAL

PUMPS			
No. 1	Pressure		
Model	S.P.M.		
	Liner Size		
No. 2	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

General

W.L. F.C. pH.

REMARKS	Time Start	Stop	Interval
Drilling	00 00	06:00	
Trip for new bit	06:00	07 00	
Drilling	07:00	08:00	
Company Time Cont'r Time			
Service Rig	08:00	08:20	
Drilling	08:20	16:00	
Company Time Cont'r Time			
Drilling	16:00	19:30	
Lunch.	19:30	20:00	
Trip out, run tester	20:00	24:00	
Company Time Cont'r Time			

Tour — 8 a.m. to 4 p.m.

Specify actual hours worked	Hrs.
Driller C. Andrews	8
Derrick	
Floor A. Mackenzie	8
Floor B. Lepine	8
Floor	
Motor	
Mechanic	
Extra	

Injuries:

Fires:

From	Footage	To	Hrs. on Bottom	Wt. Drill String (1000 lbs.)	DRILL COLLARS No.	O.D.	I.D.	Wgt.	FUEL Gals.	WATER Bbls.	COAL Tons
875	30	905	7 1/2								

BITS No.	Size	Type	Size Jets	Serial No.	Weight	R.P.M.	Ft. Drilled	Hrs.	Feet Reamed	Hrs.	CONDITION
7	4 3/4	Grunner		186							

MUD	8 a.m.	10 a.m.	12 Noon	2 p.m.
WEIGHT				
VISCOSITY				
GEL				

Additives: _____ At Surveys Degree _____

MOTOR HOURS	Next Oil Change
1	
2	
3	
4	
5	

Stands / Singles / D. Collars / Other Ft. / C.B. Ft. / Subs. Ft. / Ft. Up On Kelly / TOTAL

PUMPS			
No. 1	Pressure		
Model	S.P.M.		
	Liner Size		
No. 2	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

General

W.L. F.C. pH.

Tour — 4 p.m. to Midnight

Specify actual hours worked	Hrs.
Driller A. Fitchlu	8
Derrick	
Floor D. Bruce	8
Floor G. Mullin	8
Floor	
Motor	
Mechanic	
Extra	

Injuries:

Fires:

From	Footage	To	Hrs. on Bottom	Wt. Drill String (1000 lbs.)	DRILL COLLARS No.	O.D.	I.D.	Wgt.	FUEL Gals.	WATER Bbls.	COAL Tons
905	15	920	3 1/2								

BITS No.	Size	Type	Size Jets	Serial No.	Weight	R.P.M.	Ft. Drilled	Hrs.	Feet Reamed	Hrs.	CONDITION
7	4 3/4	Grunner		186							

MUD	4 p.m.	6 p.m.	8 p.m.	10 p.m.
WEIGHT				
VISCOSITY				
GEL				

Additives: _____ At Surveys Degree _____

MOTOR HOURS	Next Oil Change
1	
2	
3	
4	
5	

Stands / Singles / D. Collars / Other Ft. / C.B. Ft. / Subs. Ft. / Ft. Up On Kelly / TOTAL

PUMPS			
No. 1	Pressure		
Model	S.P.M.		
	Liner Size		
No. 2	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

General

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 _____

TRI-CITY DRILLING CO. LTD.

DAILY DRILLING REPORT

CONTRACTOR

DAY WORK RECORD

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

RIG No. 5 LOCATION Cotton Drilling Peace River A-21 AREA _____ DATE July 28 1966

Tour — Midnight - 8 a.m.

Specify actual hours worked	Hrs.
Driller J. Hartford	8
Derrick	
Floor A. Hettquist	8
Floor H. Engt.	8
Floor	
Motor	
Mechanic	
Extra	

Injuries:

Fires:

From	Footage	To	Hrs. on Bottom	Wt. Drill String (1000 lbs.)	DRILL COLLARS No.	O.D.	I.D.	Wgt.	FUEL Gals.	WATER Bbls.	COAL Tons

BITS 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.
WEIGHT				
VISCOSITY				
GEL				

Additives

At Surveys Degree

MOTOR HOURS	Next Oil Change
1	
2	
3	
4	
5	

PUMPS: No. 1 Pressure, Model, S.P.M., Liner Size; No. 2 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

General ~~[illegible]~~

W.L. F.C. pH.

Stands / Singles / D. Collars / Other Ft. / C.B. Ft. / Subs. Ft. / Ft. Up On Kelly / TOTAL

REMARKS	Time Start	Stop	Interval
Coring Core #3 - 740 ft - 800 ft	00:00	04:30	
Pulling Core & Clearing Barrel	04:30	07:00	
Running in Tools	07:00	08:00	

Company Time Cont'r Time

Tour — 8 a.m. to 4 p.m.

Specify actual hours worked	Hrs.
Driller A. Anderson	8
Derrick	
Floor A. Christenson	8
Floor N. Lepine	8
Floor	
Motor	
Mechanic	
Extra	

Injuries:

Fires:

From	Footage	To	Hrs. on Bottom	Wt. Drill String (1000 lbs.)	DRILL COLLARS No.	O.D.	I.D.	Wgt.	FUEL Gals.	WATER Bbls.	COAL Tons
800	6	806	1								

BITS No.	Size	Type	Size Jets	Serial No.	Weight	R.P.M.	Ft. Drilled	Hrs.	Feet Reamed	Hrs.	CONDITION
6	4 3/4	GRINDER		189							

MUD	8 a.m.	10 a.m.	12 Noon	2 p.m.
WEIGHT				
VISCOSITY				
GEL				

Additives

At Surveys Degree

MOTOR HOURS	Next Oil Change
1	
2	
3	
4	
5	

PUMPS: No. 1 Pressure, Model, S.P.M., Liner Size; No. 2 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

General DST #1 - 740 ft - 800 ft

W.L. F.C. pH.

Stands / Singles / D. Collars / Other Ft. / C.B. Ft. / Subs. Ft. / Ft. Up On Kelly / TOTAL

REMARKS	Time Start	Stop	Interval
Service Rig	08:00	08:10	
Run Tools	08:10	08:30	
Drilling	08:30	11:30	
Pull Tools	11:30	14:00	
Run in to bottom, Circ. mud tank	14:00	15:00	
Drilling, Turn bit	15:00	16:00	

Company Time Cont'r Time

Tour — 4 p.m. to Midnight

Specify actual hours worked	Hrs.
Driller A. Stebler	8
Derrick	
Floor A. Brown	8
Floor G. Smith	8
Floor	
Motor	
Mechanic	
Extra	

Injuries:

Fires:

From	Footage	To	Hrs. on Bottom	Wt. Drill String (1000 lbs.)	DRILL COLLARS No.	O.D.	I.D.	Wgt.	FUEL Gals.	WATER Bbls.	COAL Tons
806	34	840	8								

BITS No.	Size	Type	Size Jets	Serial No.	Weight	R.P.M.	Ft. Drilled	Hrs.	Feet Reamed	Hrs.	CONDITION
6	4 3/4	GRINDER		189							

MUD	4 p.m.	6 p.m.	8 p.m.	10 p.m.
WEIGHT				
VISCOSITY				
GEL				

Additives

At Surveys Degree

MOTOR HOURS	Next Oil Change
1	
2	
3	
4	
5	

PUMPS: No. 1 Pressure, Model, S.P.M., Liner Size; No. 2 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

General

W.L. F.C. pH.

Stands / Singles / D. Collars / Other Ft. / C.B. Ft. / Subs. Ft. / Ft. Up On Kelly / TOTAL

REMARKS	Time Start	Stop	Interval
Drilling	16:00	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 _____

TRI-CITY DRILLING CO. LTD.

DAILY DRILLING REPORT

RIG No. 5 LOCATION Leduc Bonnie Glen Pool 0-21 AREA _____ DATE Feb. 27 19 66

Tour — Midnight - 8 a.m.

Specify actual hours worked	Hrs.
Driller J. Handford	8
Derrick	
Floor A. Wittport	8
Floor D. Pryce	8
Floor	
Motor	
Mechanic	
Extra	

Injuries:

Fires:

From	Footage	To	Hrs. on Bottom	Wt. Drill String (1000 lbs.)	DRILL COLLARS No.	O.D.	I.D.	Wgt.	FUEL Gals.	WATER Bbls.	COAL Tons
740											

BITS No.	Size	Type	Size Jets	Serial No.	Weight	R.P.M.	Ft. Drilled	Hrs.	Feet Reamed	Hrs.	CONDITION
5	4 3/4	Grace		190							

MUD	12 Mn.	2 a.m.	4 a.m.	6 a.m.
WEIGHT				
VISCOSITY				
GEL				

Additives: _____ At Surveys Degree _____

MOTOR HOURS	Next Oil Change
1	
2	
3	
4	
5	

PUMPS					
No. 1	Pressure				
Model	S.P.M.				
	Liner Size				
No. 2	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

General

W.L. F.C. pH.

Stands / Singles / D. Collars / Other Ft. / C.B. Ft. / Subs. Ft. / Ft. Up On Kelly / TOTAL

REMARKS	Time Start	Stop	Interval
Drilling #1 740 ft - 760 ft.	00.00	04.00	
Trip out #1 Core Improper core.	04.00		
Running in to ream new hole.		06.00	
Ream to 761'	06.00	07.30	

Company Time _____ Cont'r Time _____

Tour — 8 a.m. to 4 p.m.

Specify actual hours worked	Hrs.
Driller A. Anderson	8
Derrick	
Floor W. Lowe	8
Floor A. Abrahamson	8
Floor	
Motor	
Mechanic	
Extra	

Injuries:

Fires:

From	Footage	To	Hrs. on Bottom	Wt. Drill String (1000 lbs.)	DRILL COLLARS No.	O.D.	I.D.	Wgt.	FUEL Gals.	WATER Bbls.	COAL Tons

BITS 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.
WEIGHT				
VISCOSITY				
GEL				

Additives: 4 bags Mud At Surveys Degree _____

MOTOR HOURS	Next Oil Change
1	
2	
3	
4	
5	

PUMPS					
No. 1	Pressure				
Model	S.P.M.				
	Liner Size				
No. 2	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

General

W.L. F.C. pH.

Stands / Singles / D. Collars / Other Ft. / C.B. Ft. / Subs. Ft. / Ft. Up On Kelly / TOTAL

REMARKS	Time Start	Stop	Interval
Mix Mud	08.00	08.30	
Trip for New Bit	08.30	09.30	
Drilling #2 - 760 ft - 782 ft	9.30	14.30	
Pulling bit	14.30	15.00	
Run in to Ream	15.00	16.00	

Company Time _____ Cont'r Time _____

Tour — 4 p.m. to Midnight

Specify actual hours worked	Hrs.
Driller A. Detillier	8
Derrick	
Floor H. Mazur	8
Floor G. Mullis	8
Floor	
Motor	
Mechanic	
Extra	

Injuries:

Fires:

From	Footage	To	Hrs. on Bottom	Wt. Drill String (1000 lbs.)	DRILL COLLARS No.	O.D.	I.D.	Wgt.	FUEL Gals.	WATER Bbls.	COAL Tons

BITS 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.
WEIGHT				
VISCOSITY				
GEL				

Additives: _____ At Surveys Degree _____

MOTOR HOURS	Next Oil Change
1	
2	
3	
4	
5	

PUMPS					
No. 1	Pressure				
Model	S.P.M.				
	Liner Size				
No. 2	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

General

W.L. F.C. pH.

Stands / Singles / D. Collars / Other Ft. / C.B. Ft. / Subs. Ft. / Ft. Up On Kelly / TOTAL

REMARKS	Time Start	Stop	Interval
Reamed 20 ft. Trip for New Core Barrel	16.00	18.30	
Core #3 - ~~[illegible]~~	18.30	24.00	

Company Time _____ Cont'r Time _____

CONTRACTOR

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 _____

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

Total Contractor Time _____ Hrs. Toolpusher _____

Total Company Time _____ Hrs. Approved by _____

TRI-CITY DRILLING CO. LTD.

DAILY DRILLING REPORT

RIG No. 5 LOCATION Critter Creek Lafarge Pit O 21 AREA _____ DATE Feb. 26 1966

CONTRACTOR

DAY WORK RECORD

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

Tour — Midnight - 8 a.m.

Specify actual hours worked	Hrs.
Driller J. Handford	8
Derrick	
Floor B. Whitynk	8
Floor D. Bight	8
Floor	
Motor	
Mechanic	
Extra	

Injuries:

Fires:

From	Footage	To	Hrs. on Bottom	Wt. Drill String (1000 lbs.)	DRILL COLLARS No.	O.D.	I.D.	Wgt.	FUEL Gals.	WATER Bbls.	COAL Tons
665	35	700	7								

BITS No.	Size	Type	Size Jets	Serial No.	Weight	R.P.M.	Ft. Drilled	Hrs.	Feet Reamed	Hrs.	CONDITION
3	4¾	Grainer		287							
4	4¾	Grainer		188							

MUD	12 Mn.	2 a.m.	4 a.m.	6 a.m.
WEIGHT				
VISCOSITY				
GEL				

Additives: _____ At Surveys Degree _____

MOTOR HOURS	Next Oil Change
1	
2	
3	
4	
5	

PUMPS			
No. 1	Pressure		
Model	S.P.M.		
	Liner Size		
No. 2	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

General

W.L. F.C. pH.

Stands	
Singles	
D. Collars	
Other Ft.	
C.B. Ft.	
Subs. Ft.	
Ft. Up On Kelly	
TOTAL	

REMARKS	Time Start	Stop	Interval
Drilling	00 00	03:00	
Trip for new bit	03:00	04:00	
Drilling	04:00	08:00	

Company Time Cont'r Time

Tour — 8 a.m. to 4 p.m.

Specify actual hours worked	Hrs.
Driller A. Anderson	8
Derrick	
Floor A. Frame	8
Floor O. Chrahomeed	8
Floor	
Motor	
Mechanic	
Extra	

Injuries:

Fires:

From	Footage	To	Hrs. on Bottom	Wt. Drill String (1000 lbs.)	DRILL COLLARS No.	O.D.	I.D.	Wgt.	FUEL Gals.	WATER Bbls.	COAL Tons
700	27	727	7.45								

BITS No.	Size	Type	Size Jets	Serial No.	Weight	R.P.M.	Ft. Drilled	Hrs.	Feet Reamed	Hrs.	CONDITION
4	4¾	Grainer		188							

MUD	8 a.m.	10 a.m.	12 Noon	2 p.m.
WEIGHT				
VISCOSITY				
GEL				

Additives: _____ At Surveys Degree _____

MOTOR HOURS	Next Oil Change
1	
2	
3	
4	
5	

PUMPS			
No. 1	Pressure		
Model	S.P.M.		
	Liner Size		
No. 2	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

General

W.L. F.C. pH.

Stands	
Singles	
D. Collars	
Other Ft.	
C.B. Ft.	
Subs. Ft.	
Ft. Up On Kelly	
TOTAL	

REMARKS	Time Start	Stop	Interval
Service Rig	07:00	08:15	
Drilling	08:15	16:00	

Company Time Cont'r Time

Tour — 4 p.m. to Midnight

Specify actual hours worked	Hrs.
Driller B. Hotchkiss	8
Derrick	
Floor W. Mavier	8
Floor L. Mullis	8
Floor	
Motor	
Mechanic	
Extra	

Injuries:

Fires:

From	Footage	To	Hrs. on Bottom	Wt. Drill String (1000 lbs.)	DRILL COLLARS No.	O.D.	I.D.	Wgt.	FUEL Gals.	WATER Bbls.	COAL Tons
727	13	740	4								

BITS 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.
WEIGHT				
VISCOSITY				
GEL				

Additives: _____ At Surveys Degree _____

MOTOR HOURS	Next Oil Change
1	
2	
3	
4	
5	

PUMPS			
No. 1	Pressure		
Model	S.P.M.		
	Liner Size		
No. 2	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

General

W.L. F.C. pH.

Stands	
Singles	
D. Collars	
Other Ft.	
C.B. Ft.	
Subs. Ft.	
Ft. Up On Kelly	
TOTAL	

REMARKS	Time Start	Stop	Interval
Drilling	16:00	20:00	
Trip for new bit	20:00	21:30	
Drilling	21:30	24:00	

Company Time Cont'r Time

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 CO. LTD.

DAILY DRILLING REPORT

RIG No. 5 LOCATION Lastine Avenue Lafleche River 021 AREA _____ DATE Feb. 25 1966

Tour — Midnight - 8 a.m.

Specify actual hours worked	Hrs.
Driller J. Hartford	8
Derrick	
Floor A. Wittgak	8
Floor H. Leipt	8
Floor	
Motor	
Mechanic	
Extra	

Injuries:

Fires:

From	Footage	To	Hrs. on Bottom	Wt. Drill String (1000 lbs.)	DRILL COLLARS No.	O.D.	I.D.	Wgt.	FUEL Gals.	WATER Bbls.	COAL Tons
450	100	550	8								

BITS No.	Size	Type	Size Jets	Serial No.	Weight	R.P.M.	Ft. Drilled	Hrs.	Feet Reamed	Hrs.	CONDITION
2	4 3/4	Bowen		164							

MUD	12 Mn.	2 a.m.	4 a.m.	6 a.m.
WEIGHT				
VISCOSITY				
GEL				

Additives: _____ At Surveys Degree _____

MOTOR HOURS		Next Oil Change
1		
2		
3		
4		
5		

PUMPS			
No. 1	Pressure		
Model	S.P.M.		
	Liner Size		
No. 2	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

General

W.L. F.C. pH.

Stands / Singles / D. Collars / Other Ft. / C.B. Ft. / Subs. Ft. / Ft. Up On Kelly / TOTAL

Tour — 8 a.m. to 4 p.m.

Specify actual hours worked	Hrs.
Driller R. Anderson	8
Derrick	
Floor A. Ulrichsson	8
Floor H. Lepier	8
Floor	
Motor	
Mechanic	
Extra	

Injuries:

Fires:

From	Footage	To	Hrs. on Bottom	Wt. Drill String (1000 lbs.)	DRILL COLLARS No.	O.D.	I.D.	Wgt.	FUEL Gals.	WATER Bbls.	COAL Tons
550	80	630	6:40								

BITS No.	Size	Type	Size Jets	Serial No.	Weight	R.P.M.	Ft. Drilled	Hrs.	Feet Reamed	Hrs.	CONDITION
2	4 3/4	Bowen		164							
3	4 3/4	Bowen		287							

MUD	8 a.m.	10 a.m.	12 Noon	2 p.m.
WEIGHT				
VISCOSITY				
GEL				

Additives: _____ At Surveys Degree _____

MOTOR HOURS		Next Oil Change
1		
2		
3		
4		
5		

PUMPS			
No. 1	Pressure		
Model	S.P.M.		
	Liner Size		
No. 2	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

General

W.L. F.C. pH.

Stands / Singles / D. Collars / Other Ft. / C.B. Ft. / Subs. Ft. / Ft. Up On Kelly / TOTAL

Tour — 4 p.m. to Midnight

Specify actual hours worked	Hrs.
Driller D. Dettler	8
Derrick	
Floor A. Ulrich	8
Floor L. Mullis	8
Floor	
Motor	
Mechanic	
Extra	

Injuries:

Fires:

From	Footage	To	Hrs. on Bottom	Wt. Drill String (1000 lbs.)	DRILL COLLARS No.	O.D.	I.D.	Wgt.	FUEL Gals.	WATER Bbls.	COAL Tons
630	35	665	8								

BITS No.	Size	Type	Size Jets	Serial No.	Weight	R.P.M.	Ft. Drilled	Hrs.	Feet Reamed	Hrs.	CONDITION
3	4 3/4	Bowen		287							

MUD	4 p.m.	6 p.m.	8 p.m.	10 p.m.
WEIGHT				
VISCOSITY				
GEL				

Additives: _____ At Surveys Degree _____

MOTOR HOURS		Next Oil Change
1		
2		
3		
4		
5		

PUMPS			
No. 1	Pressure		
Model	S.P.M.		
	Liner Size		
No. 2	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

General

W.L. F.C. pH.

Stands / Singles / D. Collars / Other Ft. / C.B. Ft. / Subs. Ft. / Ft. Up On Kelly / TOTAL

CONTRACTOR DAY WORK RECORD

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

REMARKS	Time Start	Time Stop	Interval
Drilling	00.00	08.00	
Company Time Cont'r Time			
Bowen Rig	08.00	08:20	
Drilling	08:20	11.00	
Trip in new bit	11.00	12:00	
Drilling	12.00	16.00	
Company Time Cont'r Time			
Drilling	16.00	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. Total Company Time _____ Hrs.

Toolpusher _____ Approved by _____

TRI-CITY DRILLING CO. LTD.

DAILY DRILLING REPORT

RIG No. 5 LOCATION Sitter Drum Lafate River A 21 AREA _____ DATE Feb. 24 1966

Tour — Midnight - 8 a.m.

Specify actual hours worked	Hrs.
Driller J. Handford	8
Derrick	
Floor A. Westrock	8
Floor A. Bryte	8
Floor	
Motor	
Mechanic	
Extra	

Injuries:

Fires:

From	Footage	To	Hrs. on Bottom	Wt. Drill String (1000 lbs.)	DRILL COLLARS No.	O.D.	I.D.	Wgt.	FUEL Gals.	WATER Bbls.	COAL Tons
90	40	130									

BITS No.	Size	Type	Size Jets	Serial No.	Weight	R.P.M.	Ft. Drilled	Hrs.	Feet Reamed	Hrs.	CONDITION
1	4 3/4	GEORGE		289							

MUD	12 Mn.	2 a.m.	4 a.m.	6 a.m.
WEIGHT				
VISCOSITY				
GEL				

Additives: At Surveys Degree

MOTOR HOURS	Next Oil Change
1	
2	
3	
4	
5	

PUMPS		
No. 1	Pressure	
Model	S.P.M.	
	Liner Size	
No. 2	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

General

W.L. F.C. pH.

Stands / Singles / D. Collars / Other Ft. / C.B. Ft. / Subs. Ft. / Ft. Up On Kelly / TOTAL

Tour — 8 a.m. to 6 p.m.

Specify actual hours worked	Hrs.
Driller R. Anderson	8
Derrick	
Floor A. Chokanovich	8
Floor H. Lepine	8
Floor	
Motor	
Mechanic	
Extra	

Injuries:

Fires:

From	Footage	To	Hrs. on Bottom	Wt. Drill String (1000 lbs.)	DRILL COLLARS No.	O.D.	I.D.	Wgt.	FUEL Gals.	WATER Bbls.	COAL Tons
130	190	320	7:50								

BITS No.	Size	Type	Size Jets	Serial No.	Weight	R.P.M.	Ft. Drilled	Hrs.	Feet Reamed	Hrs.	CONDITION
1	4 3/4	GEORGE		289							

MUD	8 a.m.	10 a.m.	12 Noon	2 p.m.
WEIGHT				
VISCOSITY				
GEL				

Additives: At Surveys Degree

MOTOR HOURS	Next Oil Change
1	
2	
3	
4	
5	

PUMPS		
No. 1	Pressure	
Model	S.P.M.	
	Liner Size	
No. 2	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

General

W.L. F.C. pH.

Stands / Singles / D. Collars / Other Ft. / C.B. Ft. / Subs. Ft. / Ft. Up On Kelly / TOTAL

Tour — 4 p.m. to Midnight

Specify actual hours worked	Hrs.
Driller R. Holekko	8
Derrick	
Floor W. Ginter	8
Floor K. Mullin	8
Floor	
Motor	
Mechanic	
Extra	

Injuries:

Fires:

From	Footage	To	Hrs. on Bottom	Wt. Drill String (1000 lbs.)	DRILL COLLARS No.	O.D.	I.D.	Wgt.	FUEL Gals.	WATER Bbls.	COAL Tons
320	130	450	7.15								

BITS No.	Size	Type	Size Jets	Serial No.	Weight	R.P.M.	Ft. Drilled	Hrs.	Feet Reamed	Hrs.	CONDITION
1	4 3/4	GEORGE		289							
2	4 3/4	GEORGE		164							

MUD	4 p.m.	6 p.m.	8 p.m.	10 p.m.
WEIGHT				
VISCOSITY				
GEL				

Additives: At Surveys Degree

MOTOR HOURS	Next Oil Change
1	
2	
3	
4	
5	

PUMPS		
No. 1	Pressure	
Model	S.P.M.	
	Liner Size	
No. 2	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

General

W.L. F.C. pH.

Stands / Singles / D. Collars / Other Ft. / C.B. Ft. / Subs. Ft. / Ft. Up On Kelly / TOTAL

CONTRACTOR

DAY WORK RECORD

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

REMARKS	Time Start	Stop	Interval
Rigging up Bol & sand tank	00:00	03:00	
Drilling out shoe	03:00	06:00	
Drilling	06:00	08:00	
Company Time / Cont'r Time			
Service Rig	08:00	08:10	
Drilling	08:10	16:00	
Company Time / Cont'r Time			
Drilling	16:00	20:00	
Trip for new bit	20:00	20:45	
Drilling	20:45	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 _____

TRI-CITY DRILLING CO. LTD.

DAILY DRILLING REPORT

CONTRACTOR

DAY WORK RECORD

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

RIG No. 5 LOCATION Pelican Narrows Peterson Lake Area A-21 AREA _____ DATE Feb. 23 1966

Tour — Midnight - 8 a.m.

Specify actual hours worked	Hrs.
Driller J. Hartford	8
Derrick	
Floor A. Witchest	8
Floor W. Bright	8
Floor	
Motor	
Mechanic	
Extra	

Injuries:

Fires:

From	Footage	To	Hrs. on Bottom	Wt. Drill String (1000 lbs.)	DRILL COLLARS No.	O.D.	I.D.	Wgt.	FUEL Gals.	WATER Bbls.	COAL Tons

BITS 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.
WEIGHT				
VISCOSITY				
GEL				

Additives: 6 bag Mud.

At Surveys Degree	

MOTOR HOURS	Next Oil Change
1	
2	
3	
4	
5	

PUMPS			
No. 1	Pressure		
Model	S.P.M.		
	Liner Size		
No. 2	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

General

W.L. F.C. pH.

Stands	
Singles	
D. Collars	
Other Ft.	
C.B. Ft.	
Subs. Ft.	
Ft. Up On Kelly	
TOTAL	

REMARKS	Time Start	Stop	Interval
Pipe stuck in hole. Mixing mud &	00:00		
waiting pipe		08:00	

Tour — 8 a.m. to 4 p.m.

Specify actual hours worked	Hrs.
Driller A. Anderson	8
Derrick	
Floor A. Alvakomoos	8
Floor A. Lepine	8
Floor	
Motor	
Mechanic	
Extra	

Injuries:

Fires:

From	Footage	To	Hrs. on Bottom	Wt. Drill String (1000 lbs.)	DRILL COLLARS No.	O.D.	I.D.	Wgt.	FUEL Gals.	WATER Bbls.	COAL Tons

BITS No.	Size	Type	Size Jets	Serial No.	Weight	R.P.M.	Ft. Drilled	Hrs.	Feet Reamed	Hrs.	CONDITION
RA	5 7/8	HUGHES		162AN							

MUD	8 a.m.	10 a.m.	12 Noon	2 p.m.
WEIGHT				
VISCOSITY				
GEL				

Additives

At Surveys Degree	

MOTOR HOURS	Next Oil Change
1	
2	
3	
4	
5	

PUMPS			
No. 1	Pressure		
Model	S.P.M.		
	Liner Size		
No. 2	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

General

W.L. F.C. pH.

Stands	
Singles	
D. Collars	
Other Ft.	
C.B. Ft.	
Subs. Ft.	
Ft. Up Kelly	
TOTAL	

REMARKS	Time Start	Stop	Interval
Company Time / Contr'r Time			
Cleaned pits, mud lab 0' - 90'	08:00	13:00	
Trip in to Rice	13:00	14:00	
Rice leaving 0'	14:00	15:00	
Pipe cemented working on top.	15:00	16:00	

Tour — 4 p.m. to Midnight

Specify actual hours worked	Hrs.
Driller A. Chetcher	8
Derrick	
Floor W. Orwin	8
Floor	
Floor	
Motor	
Mechanic	
Extra	

Injuries:

Fires:

From	Footage	To	Hrs. on Bottom	Wt. Drill String (1000 lbs.)	DRILL COLLARS No.	O.D.	I.D.	Wgt.	FUEL Gals.	WATER Bbls.	COAL Tons

BITS 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.
WEIGHT				
VISCOSITY				
GEL				

Additives

At Surveys Degree	

MOTOR HOURS	Next Oil Change
1	
2	
3	
4	
5	

PUMPS			
No. 1	Pressure		
Model	S.P.M.		
	Liner Size		
No. 2	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

General

W.L. F.C. pH.

Stands	
Singles	
D. Collars	
Other Ft.	
C.B. Ft.	
Subs. Ft.	
Ft. Up On Kelly	
TOTAL	

REMARKS	Time Start	Stop	Interval
Company Time / Contr'r Time			
W.O.C.	16:00	24:00	
Company Time / Contr'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 _____

TRI-CITY DRILLING CO. LTD.

DAILY DRILLING REPORT

RIG No. 5 LOCATION Below Dunvegan Bridge River A 51 AREA _____ DATE Feb 22 1966

CONTRACTOR

DAY WORK RECORD

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

Your — Midnight - 8 a.m.

Specify actual hours worked	Hrs.
Driller	
Derrick	
Floor	
Floor	
Floor	
Motor	
Mechanic	
Extra	

Injuries:

Fires:

From	Footage	To	Hrs. on Bottom	Wt. Drill String (1000 lbs.)	DRILL COLLARS No.	O.D.	I.D.	Wgt.	FUEL Gals.	WATER Bbls.	COAL Tons

BITS 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.
WEIGHT				
VISCOSITY				
GEL				

Additives | At Surveys Degree | MOTOR HOURS 1 2 3 4 5 | Next Oil Change

PUMPS: No. 1 Pressure, Model, S.P.M., Liner Size; No. 2 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

General

W.L. F.C. pH.

Stands, Singles, D. Collars, Other Ft., C.B. Ft., Subs. Ft., Ft. Up On Kelly, TOTAL

REMARKS	Time Start	Stop	Interval
Company Time Cont'r Time			
Moving	14:30	16:00	

Your — 8 a.m. to 4 p.m.

Specify actual hours worked	Hrs.
Driller O. Rockwood	2½
Derrick	
Floor A. Abrahamson	2½
Floor H. Hynes	2½
Floor	
Motor	
Mechanic	
Extra	

Injuries:

Fires:

From	Footage	To	Hrs. on Bottom	Wt. Drill String (1000 lbs.)	DRILL COLLARS No.	O.D.	I.D.	Wgt.	FUEL Gals.	WATER Bbls.	COAL Tons

BITS 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.
WEIGHT				
VISCOSITY				
GEL				

Additives | At Surveys Degree | MOTOR HOURS 1 2 3 4 5 | Next Oil Change

PUMPS: No. 1 Pressure, Model, S.P.M., Liner Size; No. 2 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

General

W.L. F.C. pH.

Stands, Singles, D. Collars, Other Ft., C.B. Ft., Subs. Ft., Ft. Up On Kelly, TOTAL

REMARKS	Time Start	Stop	Interval
Company Time Cont'r Time			
Rigging up. Drilling 4¾ hole	16:00	24:00	

Your — 4 p.m. to Midnight

Specify actual hours worked	Hrs.
Driller G. Blandford	11
Derrick	
Floor B. Whitmore	11
Floor W. Boyle	11
Floor	
Motor	
Mechanic	
Extra	

Injuries:

Fires:

From	Footage	To	Hrs. on Bottom	Wt. Drill String (1000 lbs.)	DRILL COLLARS No.	O.D.	I.D.	Wgt.	FUEL Gals.	WATER Bbls.	COAL Tons
0	90	90									

BITS No.	Size	Type	Size Jets	Serial No.	Weight	R.P.M.	Ft. Drilled	Hrs.	Feet Reamed	Hrs.	CONDITION
12	4¾	Grance		288							

MUD	4 p.m.	6 p.m.	8 p.m.	10 p.m.
WEIGHT				
VISCOSITY				
GEL				

Additives | At Surveys Degree | MOTOR HOURS 1 2 3 4 5 | Next Oil Change

PUMPS: No. 1 Pressure, Model, S.P.M., Liner Size; No. 2 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

General

W.L. F.C. pH.

Stands, Singles, D. Collars, Other Ft., C.B. Ft., Subs. Ft., Ft. Up On Kelly, TOTAL

REMARKS	Time Start	Stop	Interval
Company Time Cont'r Time			

Toto 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 _____

Date March 8/66 Tour from M to M

C.S. Lafitte River A-21

Well No 75 Date Spudded

TIME		DEPTH		Core No.	CUT	RECOVERY	REMARKS
0000							Taking off BOP
							Rigging down
	0800						Loading trucks for move
0800	10.00						Rigging down
10.00	10.30						Moving
10.30	13.30						Rigging up
13.30	16.00	0	100				Spud 4¾ mud Bit
16.00	20.00			(This for CS Lafitte R D-74)			Reaming 7⅞ pilot 3 mud
20.00	22.00		92				Pulling out to record log
22.00	24.00						Run casing 92

	NAME	HRS.		NAME	HRS.		NAME	HRS.
DRILLER:	[illegible]	10	DRILLER:	E. ANDERSON	8	DRILLER:	[illegible]	10
HELPER:	[illegible]	10	HELPER:	A. ABRAHAMSON	5	HELPER:	[illegible]	10
HELPER:	[illegible]	10	HELPER:	H. LEBLANC	5	HELPER:	[illegible]	10
HELPER:			HELPER:			HELPER:		

	HRS.	MUD RECORD		BITS		
DRILLING						
CORING		AMOUNT	MAKE	SIZE	SERIAL NO	
LOGGING		mud	Hughes	7⅞ OSC	65525	
REPAIRS						
MOVING						
STAND BY						

Date March 7 Tour from M to M

Well No. 5 Date Spudded

TIME	DEPTH	Core No	CUT	RECOVERY	REMARKS
0000	1097				Logging
[illegible]					Cleaning [illegible]
					[illegible]
					Rigging up [illegible]
					[illegible]
					Running pipe to
	0700				bottom and displacing
[illegible]	[illegible]				[illegible]
[illegible]	[illegible]				[illegible]
	[illegible]				[illegible]
[illegible]	[illegible]				[illegible]
[illegible]	[illegible]				[illegible]
					[illegible]
1600	1700				Logging
1700	2130				[illegible]
					[illegible]
2130					[illegible]
					[illegible] 10 log
					[illegible]
					[illegible]

	NAME	HRS		NAME	HRS.		NAME	HRS.
DRILLER:	[illegible]	[illegible]	DRILLER	[illegible]	[illegible]	DRILLER:	[illegible]	[illegible]
HELPER:	[illegible]	[illegible]	HELPER:	G. [illegible]	[illegible]	HELPER	[illegible]	[illegible]
HELPER	[illegible]	[illegible]	HELPER:	[illegible]	[illegible]	HELPER:	[illegible]	[illegible]
HELPER:			HELPER:			HELPER:		

DRILLING	HRS	MUD RECORD		BITS		
CORING		AMOUNT		MAKE	SIZE	SERIAL NO.
LOGGING		[illegible] mud		Smith	~~11~~ 4 ½	199
REPAIRS		[illegible] cement				
MOVING		[illegible]				
TOTAL						

Client [illegible]

Date March 6 Tour from M to M

Well No 5 Date Spudded Feb 22

TIME		DEPTH		Core No.	CUT	RECOVERY	REMARKS
6:00	8:00	1315	1354				Drilling.
8:00	8:30						Service Rig
8:30	09:30	1354	1360				Drilling
09:30	10:00						Trip out for new Bit
10:00	11:00	1360	1369				Drilling
11:00	12:00						Trip out; Recover Core
12:00	[illegible]	1369	1375	1	6	5	Going mixed 6 mud
21:00	21:30						Circulating
21:30	22:00						Trip out, Recover core
22:00	22:30						Laying down [illegible]
22:30	24:00		1375 T.D.				Logging

	NAME	HRS.		NAME	HRS.		NAME	HRS.
DRILLER:	[illegible]	8	DRILLER:	A.L. Anderson	8	DRILLER:	Norm Ritchie	8
HELPER:	[illegible]	8	HELPER:	[illegible]	8	HELPER:	Doug Davies	8
HELPER:	[illegible]	8	HELPER:	A.B. Anderson	8	HELPER:	Larry Mullin	8
HELPER:			HELPER:			HELPER:		

DRILLING	HRS.	MUD RECORD	BITS		
CORING			MAKE	SIZE	SERIAL NO
LOGGING		[illegible]	Tricone	7 7/8	181
REPAIRS					

Client: Office Service

Date: March 5 Tour from: M to: M

Well No: 5 Date Spudded: Feb 25

TIME		DEPTH		Core No.	CUT	RECOVERY	REMARKS
0000	0700	1285	1305				Drilling
0700	0730						Trip out
0730	0900						Looking pumps good
0900	0930						Service Rig
0930	1130						Repair Lines
1130	1200						Run Drill Pipe
1200	1240						Laying
1240	1300						Trip out
[illegible]							Rig up Pete's Power
	1500						Wall Pipe
1500	1600						Testing
1600	1830						Testing & putting tester
1830	1930						Run in
1930	2400	1305	1315				Drilling new 4 3/4

	NAME	HRS.		NAME	HRS.		NAME	HRS.
DRILLER:	J Hanford	8	DRILLER:	A L Anderson	8	DRILLER:	Alvin Hatch	
HELPER:	Al Tatgenhorst	8	HELPER:	A B Krause	8	HELPER:	Doug Shuler	
HELPER:	Don Rapp	8	HELPER:	Helper	8	HELPER:	Larry Mathis	
HELPER:			HELPER:			HELPER:		

	HRS.	MUD RECORD		BITS		
DRILLING						
CORING		AMOUNT	MAKE	SIZE	REMARKS	
LOGGING			SERIAL	4 3/4	160	
REPAIRS						
MOVING						

Date March 4 Tour from M to M

Well No. #5 Date Spudded Feb. 22

TIME		DEPTH		Core No.	CUT	RECOVERY	REMARKS
00:00	08:00	1103	1140				Drilling
08:00	08:20						[illegible]
08:20	15:00	1140	1250				Drilling
15:00	16:00						[illegible]
16:00	24:00	1250	1285				Drilling 4 3/4

	NAME	HRS.		NAME	HRS.		NAME	HRS.
DRILLER:	[illegible]	8	DRILLER:	[illegible]	8	DRILLER:	Alvin Hetchler	8
HELPER:	[illegible]	8	HELPER:	[illegible]	8	HELPER:	Doug Dover	8
HELPER:	[illegible]	8	HELPER:	[illegible]	8	HELPER:	Gary Bobbitt	8
HELPER:			HELPER:			HELPER:		

	HRS.	MUD RECORD		BITS		
DRILLING						
CORING		AMOUNT	MAKE	SIZE	SERIAL NO	
LOGGING			Hughes	4 3/4	3184	
REPAIRS						
MOVING						

Date March 3 ~ Tour from M to M

Well No. 5 Date Spudded 22 ~

TIME		DEPTH		Core No.	CUT	RECOVERY	REMARKS
00.00	9.00	980	1032				Drilling
9.00	11.00						Circ & Trip
11.00	12.00	1032	1039				Drilling
12.00	15.00	1039	1060				Trip out Run in Bit
15.00	15.30						Drilling
15.30	16.00	1060	1065				~~Reaming~~ Reaming
							Drilling
16.00	22.00	1065	1100				Drilling 4¾
22.00	23.15						Trip out bit 4¾
23.15	24.00	1100	1103				Drilling new bit

	NAME	HRS.		NAME	HRS.		NAME	HRS.
DRILLER:	[illegible]	8	DRILLER:	[illegible]	8	DRILLER:	[illegible]	8
HELPER:	[illegible]	8	HELPER:	[illegible]	8	HELPER:	[illegible]	8
HELPER:	[illegible]	8	HELPER:	[illegible]	8	HELPER:	[illegible]	8
HELPER:			HELPER:			HELPER:		

		MUD RECORD		BITS	
		AMOUNT	MAKE	SIZE	SERIAL NO.
LOSSES			Reliance	4¾	14989
REPAIRS					

Date March 2 1966 Tour from M to M

Well No 5 Date Spudded Feb 22

TIME		Depth		Core No.	CUT	RECOVERY	REMARKS
0000	0100						Intermittent test
0100	0300						Pulling pipe + test
0300							Running in near RB.
	0400						mixing mud.
0900	0800	920	929				& drilling
08:00	08:00						Service Rig
08:00	16:00	929	950				Drilling
16:00	19:30	950	962				Drilling 4 3/4
19:30	20:30						x-p bit rocket
20:30	24:00	962	950				Drilling 4 3/4 new

	NAME	HRS.		NAME	HRS.		NAME	HRS.
DRILLER:	G. Hoodfield	8	DRILLER:	H. Ancrum	8	DRILLER:	Floyd Hotelle	8
HELPER	G. Wittenbe	8	HELPER:	D. Abrahamson	8	HELPER:	Long James	8
HELPER:	D. Byrd	8	HELPER:	Hecame	8	HELPER:	Lady Duke	8
HELPER:			HELPER			HELPER:		

DRILLING	MUD RECORD		BITS		
CORING	AMOUNT	MAKE	SIZE	SERIAL NO	
OPEN	500 bbls Coop Gel	Lonco	[illegible]	191	
REPAIRS		Lonco	9 3/4	37	
MISC					

Date March 1st Tour from M to M

Well No. 5 Date Spudded

TIME	DEPTH	Core No.	CUT	RECOVERY	REMARKS
0000	0800 940 968				Drilling
0600	0700				Trip for new RB
0700	0800 965 975				Drilling
08.00	0820				Serve Rig
0820	1600 875 905				Drilling
1600	1930 905 920				Trip out
1930	2000				Run Logs
2000	2400				Trip out Run Tester

NAME	HRS	NAME	HRS	NAME	HRS
DRILLER: Jim Landers	8	DRILLER: A. ANDERSON		DRILLER: L. Hilton	8
HELPER: L. Wagner	8	HELPER: A. R. ERBHARDT		HELPER: [illegible]	8
HELPER: Jim Boyd	8	HELPER: H. LEPINE		HELPER: [illegible]	8
HELPER:		HELPER:		HELPER:	

			BITS	
DRILLING			SIZE	SERIAL NO
CORING				
LOGGING			4 3/4	186
REPAIR				
MOVING				
TAKEN BY				

Date [illegible] Tour from M to M

We'l No. 5 Date Spudded

TIME		DEPTH		Core No.	CUT	RECOVERY	REMARKS
0000	0430	793	801		20		Cutting core
0430							Pulling pipe out
	0700						Cleaning mud tank
0700							Running in
	0800						Johnston test
[illegible]	[illegible]						[illegible]
[illegible]	[illegible]						[illegible]
[illegible]	[illegible]						[illegible]
[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]				[illegible]
[illegible]	[illegible]	[illegible]	840				Drilling

	NAME	HRS.		NAME	HRS.		NAME	HRS.
DRILLER:	J Hendford	7	DRILLER:	A. Anderson	8	DRILLER:	Glenn Hobbs	8
HELPER:	Ralph Wright	7	HELPER:	Anderson	8	HELPER:	Jerry Dickens	8
HELPER:	Don Cagle	7	HELPER:	[illegible]	8	HELPER:	Larry Mullis	8
HELPER:			HELPER:			HELPER:		

DRILLING	MUD RECORD			
CORING	AMOUNT	MAKE	SIZE	SERIAL NO.
LOGGING		Gardner	4½	102
REPAIR				

Date Feb 27/66 Tour from M to M

Well No. 5 Date Spudded Feb 22

TIME		DEPTH		Core No.	CUT	RECOVERY	REMARKS
0000	0400	741	761	1	20'	17	Coring
0400							Dropping tool & core
							Lifting out core
							Cutting & [illegible]
	0600						Pick RB
0600	0730						Cleaning [illegible]
[illegible]	0800						Cleaning [illegible]
							[illegible]
800	830						Mix mud
830	850						Trip for core barrel
[illegible]	14.30	761	781		20		Coring
1430	1500						Cutting core
1500							[illegible]
1500	1600	781					Pull in 5 stands
1600	1830						Recover 20' trip for core barrel
1830	2400	793					Coring [illegible]

	NAME	HRS.		NAME	HRS.		NAME	HRS.
DRILLER:	G. Hanford	8	DRILLER:	[illegible]		DRILLER:	[illegible]	8
HELPER:	R. Wittenberg	8	HELPER:	H. LEPINE	8	HELPER:	[illegible]	8
HELPER:	D. Pryor	8	HELPER:	A. ABRAHAMSEN	8	HELPER:	[illegible]	8
HELPER:			HELPER:			HELPER:		

DRILLING	HRS.	MUD RECORD	BITS		
CORING		AMOUNT 4 Bags	MAKE	SIZE	SERIAL NO.
LOGGING			Grimes	4 3/4	10[illegible]
REPAIRS					
MOVING					
STAND BY					

Date Feb 26/66 Tour from M to M

Well No. 5 Date Spudded Feb 24

TIME		DEPTH		Core No.	CUT	RECOVERY	REMARKS
0000	0300	665	679				Drilling
0300	0400	665	679				Rig to Run RB
0400	0800	679	700				Drilling
800	1500						Servicing Rig
1500	1600	700	727				Drilling
1600	2000	727	740				Drilling & Ta
2000	2230						Wait on [illegible]
2230	2400						Change

	NAME	HRS		NAME	HRS.		NAME	HRS.
DRILLER:	[illegible]		DRILLER:	Anderson	8	DRILLER:	[illegible]	8
HELPER:	[illegible]		HELPER:	H. Lepine	8	HELPER:	[illegible]	8
HELPER:	[illegible]		HELPER:	A. Chapman	8	HELPER:	[illegible]	8
HELPER:			HELPER:			HELPER:		

DRILLING	HRS	MUD RECORD	BITS		
CORING		AMOUNT	MAKE	SIZE	SERIAL NO.
LOGGING			Reed	[illegible]	188
REPAIRS					
MOVING					

Date: Feb 25/66 Time from ..... M to ..... M

Well No. 5 Date Spudded Feb 22

TIME		DEPTH		CORE NO.	CUT	RECOVERY	REMARKS
0000	0800	450	550				Drilling
1800	2400						Lower Rig
[illegible]	[illegible]	550	590				Drilling
[illegible]	[illegible]						Unplugged
[illegible]	[illegible]	590	630				Drilling
[illegible]	[illegible]	630	665				Drilling

	NAME	HRS.		NAME	HRS.		NAME	HRS.
DRILLER:	[illegible]		DRILLER:	[illegible]	8	HELPER:	[illegible]	8
HELPER:	[illegible]		HELPER:	[illegible]	8	HELPER:	[illegible]	8
HELPER:	[illegible]		HELPER:	[illegible]	8	HELPER:	[illegible]	8
HELPER:			HELPER:			HELPER:		

DRILLING	HRS	MUD RECORD	BITS		
CORING		AMOUNT	MAKE	SIZE	SERIAL NO
REAM			Hughes	[illegible]	23[illegible]
WAIT					

Date Feb 24/66 Tour from M to M

Well No 5 Date Spudded Feb 23

TIME		DEPTH		Core No	CUT	RECOVERY	REMARKS
0000	0300						[illegible]
							[illegible]
0400	0600						[illegible]
0600	0700	90	130				Drilling
[illegible]	[illegible]						Service Rig
[illegible]		130	320				Drilling
1600	2000	320					Drilling
2000	2400						[illegible]
2400	[illegible]		403	[illegible]			Drilling

	NAME	HRS.		NAME	HRS.		NAME	HRS.
DRILLER:	[illegible]	8	DRILLER:	[illegible]	8	DRILLER:	[illegible]	[illegible]
HELPER:	[illegible]	8	HELPER:	[illegible]	8	HELPER:	[illegible]	[illegible]
HELPER:	D. [illegible]	8	HELPER:	[illegible]	8	HELPER:	[illegible]	[illegible]
HELPER:			HELPER:			HELPER:		

DRILLING	HRS	MUD RECORD	BITS		
CORING		AMOUNT	MAKE	SIZE	SERIAL NO.
LOGGING			[illegible]	[illegible]	994
REPAIRS			[illegible]	[illegible]	164
MOVING					

Date Feb 23 1966 Tour from ..... M to ..... M

Well No 4-C Date Spudded [illegible] 1966

TIME	DEPTH		Core No.	CUT	RECOVERY	REMARKS
0800						[illegible]
	0800					[illegible]
[illegible]	[illegible]	[illegible]				[illegible]
[illegible]	[illegible]					[illegible]
[illegible]	[illegible]					[illegible]
[illegible]	[illegible]					[illegible]
	[illegible]					[illegible]
[illegible]	2400					[illegible]

	SHIFT	HRS.		SHIFT	HRS.		SHIFT	
DRILLER:	[illegible]	[illegible]	DRILLER:	[illegible]	8	DRILLER:	[illegible]	8
DRILLER:	[illegible]	[illegible]	HELPER:	[illegible]	8	HELPER:	[illegible]	8
HELPER:	[illegible]	8	HELPER:	[illegible]	8	HELPER:	[illegible]	
HELPER:	[illegible]	8	HELPER:			HELPER:		
	[illegible]	8						

DRILLING	HRS.	MUD RECORD		BITS		
CORING		AMOUNT	MAKE	SIZE	SERIAL NO.	
LOGGING		[illegible]				
REPAIRS						
MIXING						
STANDBY						