



WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil WSW SWD SIOW
- Gas D&A ENHR SIGW
- OG GSW Temp. Abd.
- CM (Coal Bed Methane)
- Cathodic Other (Core, Expl., etc.): _____

If Workover/Re-entry: Old Well Info as follows:

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

- Deepening Re-perf. Conv. to ENHR Conv. to SWD
- Conv. to GSW
- Plug Back: _____ Plug Back Total Depth _____
- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date
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API No. 15 - _____

Spot Description: _____

_____-_____-_____- Sec. _____ Twp. _____ S. R. _____ East West

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite: _____

Operator Name: _____

Lease Name: _____ License #: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

County: _____ Permit #: _____

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

KCC Office Use ONLY

- Letter of Confidentiality Received
Date: _____
- Confidential Release Date: _____
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: _____ Date: _____



1074242

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
_____ Perforate _____ Protect Casing _____ Plug Back TD _____ Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD: Size: _____ Set At: _____ Packer At: _____ Liner Run: Yes No

Date of First, Resumed Production, SWD or ENHR. _____ Producing Method:
 Flowing Pumping Gas Lift Other *(Explain)* _____

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
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DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Conservation Division
Finney State Office Building
130 S. Market, Rm. 2078
Wichita, KS 67202-3802



Phone: 316-337-6200
Fax: 316-337-6211
<http://kcc.ks.gov/>

Mark Sievers, Chairman
Ward Loyd, Commissioner
Thomas E. Wright, Commissioner

Sam Brownback, Governor

February 23, 2012

Jack Renfro
Credo Petroleum Corporation
1801 BROADWAY # 900
DENVER, CO 80202-3858

Re: ACO1
API 15-101-22310-00-00
MARCELLINE 1-9
NE/4 Sec.09-17S-29W
Lane County, Kansas

Dear Production Department:

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully,
Jack Renfro

Conservation Division
Finney State Office Building
130 S. Market, Rm. 2078
Wichita, KS 67202-3802



Phone: 316-337-6200
Fax: 316-337-6211
<http://kcc.ks.gov/>

Mark Sievers, Chairman
Ward Loyd, Commissioner
Thomas E. Wright, Commissioner

Sam Brownback, Governor

February 24, 2012

Jack Renfro
Credo Petroleum Corporation
1801 BROADWAY # 900
DENVER, CO 80202-3858

Re: ACO-1
API 15-101-22310-00-00
MARCELLINE 1-9
NE/4 Sec.09-17S-29W
Lane County, Kansas

Dear Jack Renfro:

K.A.R. 82-3-107 provides for all completion information to be filed within 120 days of the spud date. Subsection(e)(2) of that regulation states "All rights to confidentiality shall be lost if the filings are not timely."

The above referenced well was spudded on 09/05/2011 and the ACO-1 was received on February 23, 2012 (not within the 120 days timely requirement).

Therefore, your request for confidential treatment of data contained within the ACO-1 filing cannot be granted at this time.

If you should have any questions, please do not hesitate to contact me at (316)337-6200.

Sincerely,

Production Department

ALLIED CEMENTING CO., LLC.

Federal Tax I.D.# 20-5975804 037358

REMITTO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:
Great Bend ks

DATE <u>9-6-11</u>	SEC <u>9</u>	TWP <u>17S</u>	RANGE <u>29W</u>	CALLED OUT	ON LOCATION	JOB START 600 pm	JOB FINISH 630 pm
LEASE <u>Marcelline</u>	WELL # <u>1-9</u>	LOCATION <u>Timetown K24 + K45 1W 1S</u>		COUNTY <u>Lane</u>	STATE <u>ks</u>		
OLD OR NEW (Circle one) <u>NEW</u>				LOCATION <u>1/4 W 5 N 10</u>			

CONTRACTOR WV Drilling Rig #10 OWNER Credo Petroleum Corp.
 TYPE OF JOB Surface
 HOLE SIZE 12 1/4 T.D. 260
 CASING SIZE 8 3/8 DEPTH 260
 TUBING SIZE DEPTH
 DRILL PIPE 4 1/2 DEPTH 260
 TOOL DEPTH
 PRES. MAX MINIMUM
 MEAS. LINE SHOE JOINT
 CEMENT LEFT IN CSG. 15qt
 PERFS.
 DISPLACEMENT 96skwads
 EQUIPMENT

PUMP TRUCK CEMENTER Bob Or
 # 366 HELPER Shane
 BULK TRUCK DRIVER Heimut
 # DRIVER
 BULK TRUCK DRIVER
 # DRIVER
 REMARKS:

Rig wait time 1.75 hrs
Pipe on bottom Break circulation with rig
mind. Rig up to cement pump, N/A 175gal com
3% ca 2% gel, shut down - change valves - release
plug. Replace with 15C 6bl fresh water

CHARGE TO: Credo Petroleum Corp.
 STREET _____
 CITY _____ STATE _____ ZIP _____
 TOTAL 2115.00

To Allied Cementing Co., LLC.

You are hereby requested to rent cementing equipment and furnish cement and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME Justin Howlin
 SIGNATURE [Signature]
Thank you!

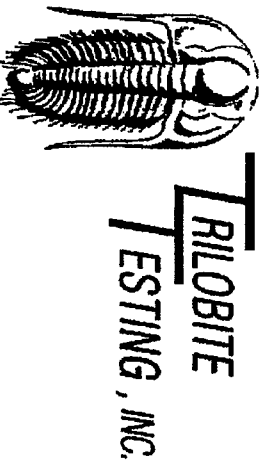
COMMON	<u>175</u>	@	<u>16.25</u>	<u>2843.25</u>
POZMIX		@		
GEL	<u>3</u>	@	<u>21.25</u>	<u>63.75</u>
CHLORIDE	<u>6</u>	@	<u>58.20</u>	<u>349.20</u>
ASC		@		
HANDLING	<u>184 X</u>	@	<u>2.25</u>	<u>414.00</u>
MILEAGE	<u>45 184 X 45 X 11</u>			<u>910.80</u>
TOTAL				<u>4581.50</u>

DEPTH OF JOB	<u>260</u>			
PUMP TRUCK CHARGE				<u>1125.00</u>
EXTRA FOOTAGE		@		
MILEAGE	<u>45m</u>	@	<u>7.00</u>	<u>630.00</u>
MANIFOLD		@		
	<u>45m</u>	@	<u>4.00</u>	<u>360.00</u>
TOTAL				<u>2115.00</u>

PLUG & FLOAT EQUIPMENT

<u>Leadon plug</u>	@	<u>94.00</u>	<u>94.00</u>
	@		
	@		
	@		
TOTAL			<u>94.00</u>

SALES TAX (If Any) _____
 TOTAL CHARGES 6.790. 50
 DISCOUNT 20% 2308.50
 TOTAL 4482.00
 IF PAID IN 30 DAYS



DRILL STEM TEST REPORT

Prepared For: **Crede Petroleum Corporation**

1801 Broadway, STE 900
Denver, CO 80202

ATTN: Bruce Aird

Marcelline #1-9

9-17s-29w Lane, KS

Start Date: 2011.09.11 @ 02:14:00

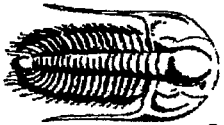
End Date: 2011.09.11 @ 09:14:00

Job Ticket #: 43650 DST #: 1

Trilobite Testing, Inc

P.O. Box 362 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Credo Petroleum Corporation
1801 Broadway, STE 900
Denver, CO 80202
ATTN: Bruce Ard

9-17s-29w Lane, KS
Marcelline #1-9
Job Ticket: 43650
DST#: 1
Test Start: 2011.09.11 @ 02:14:00

GENERAL INFORMATION:

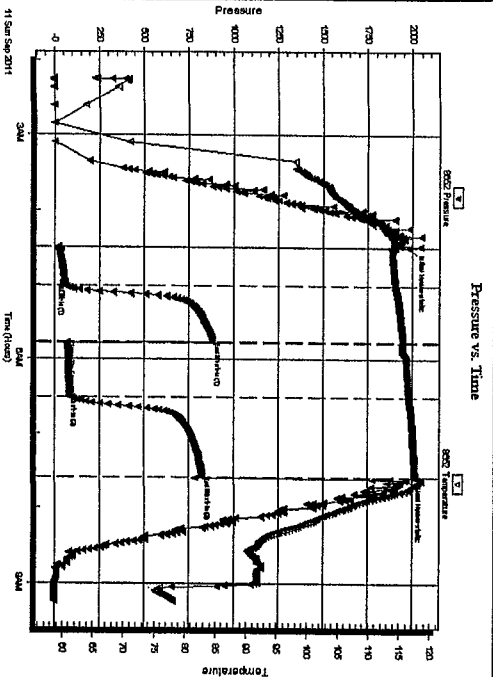
Formation: LKC C-F
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 04:30:00
Time Test Ended: 09:14:00
Interval: 3988.00 ft (KB) To 4074.00 ft (KB) (TVD)
Total Depth: 4074.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good

Test Type: Conventional Bottom Hole (Initial)
Tester: Bradley Walter
Unit No: 40
Reference Elevations: 2820.00 ft (KB)
2815.00 ft (CF)
5.00 ft
KB to GR/CF:

Serial #: 8652 Inside
Press@RunDepth: 83.27 psig @ 3989.00 ft (KB)
Start Date: 2011.09.11 End Date:
Start Time: 02:14:05 End Time:

Capacity: 8000.00 psig
Last Calib.: 2011.09.11
Time On Btm: 2011.09.11 @ 04:29:45
Time Off Btm: 2011.09.11 @ 07:36:30

TEST COMMENT: IF: 3 1/2" blow
IS: No return.
FF: 1 1/2 inches blow.
FSI No return.



PRESSURE SUMMARY

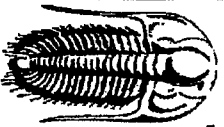
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1984.23	114.29	Initial Hydro-static
1	20.72	113.60	Open To Flow (1)
32	58.64	114.37	Shut-in(1)
77	886.00	115.63	End Shut-in(1)
77	69.08	115.38	Open To Flow(2)
121	83.27	116.52	Shut-in(2)
185	827.25	117.54	End Shut-in(2)
187	1965.08	118.59	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
150.00	90cm 10g 200 70in	0.99

Gas Rates

Choke (Inches)	Pressure (psig)	Gas Rate (Mcf/d)



TRIBOLITE
TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Oredo Petroleum Corporation
1801 Broadway, STE 900
Denver, CO 80202

9-17s-29w Lane, KS

Marcelline #1-9

Job Ticket: 43650

DST#: 1

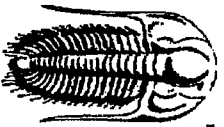
ATTN: Bruce Ard

Test Start: 2011.09.11 @ 02:14:00

Tool Information

Drill Pipe: Length: 3856.00 ft Diameter: 3.80 inches Volume: 54.12 bbl Tool Weight: 2500.00 lb
 Heavy Wt. Pipe: Length: 0.00 ft Diameter: 0.00 inches Volume: 0.00 bbl Weight set on Packer: 25000.00 lb
 Drill Collar: Length: 122.00 ft Diameter: 2.25 inches Volume: 0.60 bbl Weight to Pull Loose: 77000.00 lb
 Drill Pipe Above KB: 20.00 ft Total Volume: 54.72 bbl Tool Chased 0.00 ft
 Depth to Top Packer: 3988.00 ft String Weight: Initial 62000.00 lb
 Depth to Bottom Packer: ft Final 62000.00 lb
 Interval between Packers: 86.00 ft
 Tool Length: 114.00 ft
 Number of Packers: 2 Diameter: 6.75 inches
 Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3961.00	
Shut In Tool	5.00			3966.00	
Hydraulic tool	5.00			3971.00	
Jars	5.00			3976.00	
Safety Joint	2.00			3978.00	
Packer	5.00			3983.00	28.00
Packer	5.00			3988.00	Bottom Of Top Packer
Stubb	1.00			3989.00	
Recorder	0.00	8652	Inside	3989.00	
Recorder	0.00	8360	Outside	3989.00	
Perforations	17.00			4006.00	
Change Over Sub	1.00			4007.00	
Drill Pipe	63.00			4070.00	
Change Over Sub	1.00			4071.00	
Bullnose	3.00			4074.00	86.00
					Bottom Packers & Anchor
Total Tool Length:	114.00				



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Crede Petroleum Corporation
1801 Broadw ay, STE 900
Denver, CO 80202

9-17s-29w Lane, KS
Marcelline #1-9
Job Ticket: 43650
DST#:1
Test Start: 2011.09.11 @ 02:14:00

ATTN: Bruce Ard

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 50.00 sec/dt
Water Loss: 5.17 in³
Resistivity: ohm.m
Salinity: 1100.00 ppm
Filter Cake: 1.00 inches

Cushion Type:
Cushion Length: ft
Cushion Volume: bbl
Gas Cushion Type:
Gas Cushion Pressure: psig
Oil API: 0 deg API
Water Salinity: 0 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
150.00	geom 10g 200 70m	0.993

Total Length: 150.00ft Total Volume: 0.993 bbl

Num Fluid Samples: 0 Num Gas Borbs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments:

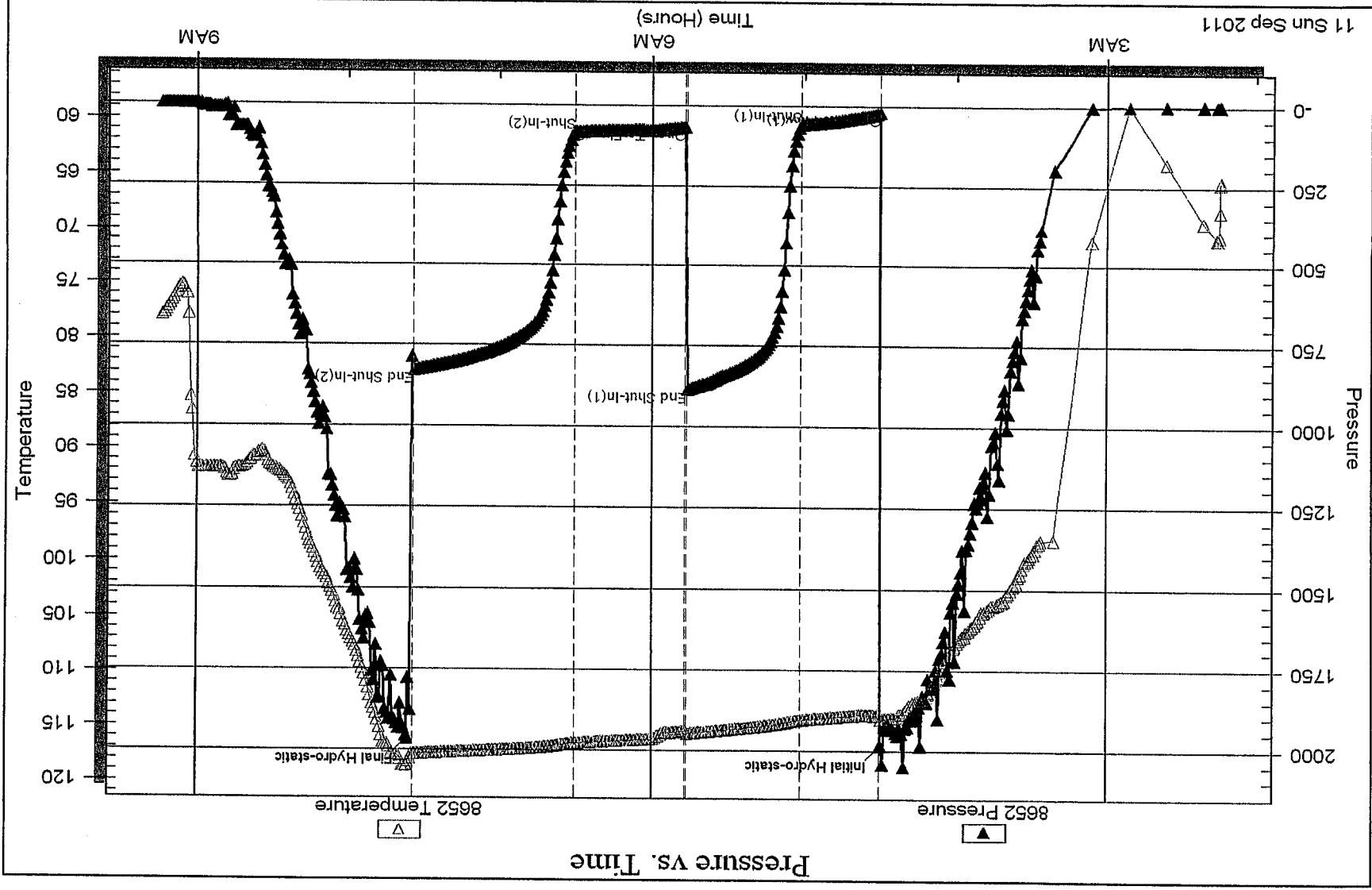
Serial #: 8652

Inside

Ordo Petroleum Corporation

Marceline #1-9

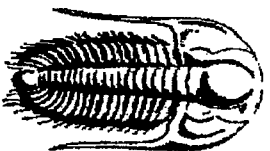
DST Test Number: 1



Tribbite Testing, Inc

Ref. No: 43650

Printed: 2011.09.21 @ 09:02:28



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Credo Petroleum Corporation**

1801 Broadway, STE 900
Denver, CO 80202

ATTN: Bruce Ard

Marcelline #1-9

9-17s-29w Lane, KS

Start Date: 2011.09.11 @ 23:24:00

End Date: 2011.09.12 @ 06:39:00

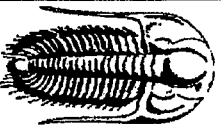
Job Ticket #: 44476 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620

Printed: 2011.09.21 @ 09:02:42



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

Credo Petroleum Corporation

9-17s-29w Lane, KS

1801 Broadway, STE 900
Denver, CO 80202

Marcelline #1-9

ATTN: Bruce Ard

Job Ticket: 44476

DST#: 2

Test Start: 2011.09.11 @ 23:24:00

GENERAL INFORMATION:

Formation: **LKC H&I** ft (KB)
 Deviated: **No** Whipstock: ft (KB)
 Time Tool Opened: 01:14:15
 Time Test Ended: 06:39:00
 Interval: **4130.00 ft (KB) To 4190.00 ft (KB) (TVD)**
 Total Depth: **4190.00 ft (KB) (TVD)**
 Hole Diameter: **7.88** inches Hole Condition: **Good**

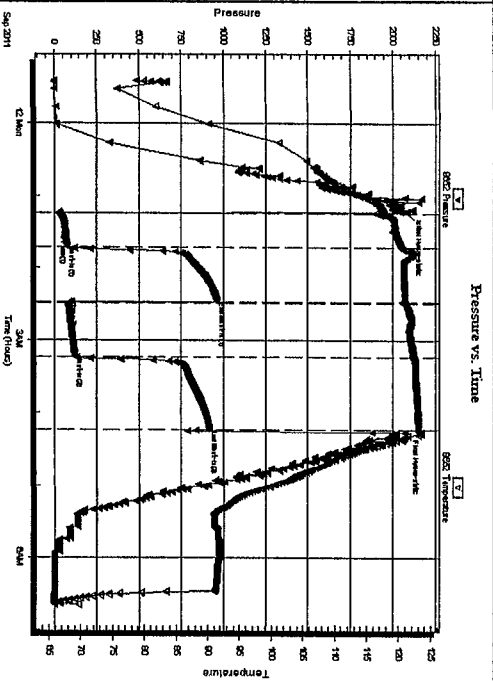
Test Type: **Conventional Bottom Hole (Reset)**
 Tester: **Bradley Walker**
 Unit No: **40**
 Reference Elevations: **2820.00 ft (KB)**
2815.00 ft (CF)
5.00 ft
 KB to GRQC:

Serial #: 8652 **Inside**
 Press@RunDepth: **119.88 psig @ 4131.00 ft (KB)**
 Start Date: **2011.09.11** End Date:
 Start Time: **23:24:05** End Time:

Capacity: **80000.00 psig**
 Last Calib.: **2011.09.12**
 Time On Btm: **2011.09.12 @ 01:14:00**
 Time Off Btm: **2011.09.12 @ 04:15:45**

TEST COMMENT: IF: BOB @ 15 minutes.

SI: No return.
 FF: BOB @ 15 minutes.
 FSI: Return built to 2 1/2", dled @ 47 minutes.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2082.19	117.66	Initial Hydro-static
1	2263	116.43	Open To Flow (1)
29	74.76	120.36	Shut-in(1)
74	965.35	121.00	End Shut-in(1)
75	84.80	120.85	Open To Flow (2)
120	119.88	122.29	Shut-in(2)
180	920.16	123.06	End Shut-in(2)
182	2068.39	123.38	Final Hydro-static

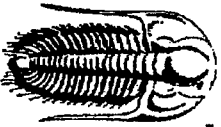
Recovery

Length (ft)	Description	Volume (bbl)
160.00	90cm 20g 40m 400	1.13
100.00	90 50g 50g	1.40
0.00	660 GIP	0.00

* Recovery from multiple tests

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Ordo Petroleum Corporation

9-17s-29w Lane, KS

1801 Broadway, STE 900
Denver, CO 80202

Marcelline #1-9

Job Ticket: 44476

DST#: 2

ATTN: Bruce Ard

Test Start: 2011.09.11 @ 23:24:00

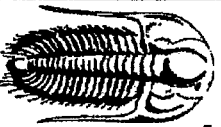
Tool Information

Drill Pipe:	Length: 3985.00 ft	Diameter:	3.80 inches	Volume:	55.90 bbl	Tool Weight:	2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	Weight set on Packer:	lb
Drill Collar:	Length: 122.00 ft	Diameter:	2.25 inches	Volume:	0.60 bbl	Weight to Pull Loose:	lb
				Total Volume:	56.50 bbl	Tool Chased	ft
Drill Pipe Above KB:	5.00 ft					String Weight: Initial	lb
Depth to Top Packer:	4130.00 ft					Final	lb
Depth to Bottom Packer:	ft						
Interval between Packers:	60.00 ft						
Tool Length:	88.00 ft						
Number of Packers:	2	Diameter:	6.75 inches				

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4103.00	
Shut In Tool	5.00			4108.00	
Hydraulic tool	5.00			4113.00	
Jars	5.00			4118.00	
Safety Joint	2.00			4120.00	
Packer	5.00			4125.00	28.00
					Bottom Of Top Packer
Packer	5.00			4130.00	
Stubb	1.00			4131.00	
Recorder	0.00	8652	Inside	4131.00	
Recorder	0.00	8360	Outside	4131.00	
Perforations	22.00			4153.00	
Change Over Sub	1.00			4154.00	
Drill Pipe	32.00			4186.00	
Change Over Sub	1.00			4187.00	
Bullnose	3.00			4190.00	60.00
					Bottom Packers & Anchor
Total Tool Length:	88.00				



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Ordo Petroleum Corporation
1801 Broadway, STE 900
Denver, CO 80202
ATTN: Bruce Ard

9-17s-29w Lane, KS
Marcelline #1-9
Job Ticket: 44476
DST#: 2
Test Start: 2011.09.11 @ 23:24:00

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 70.00 sec/qt
Water Loss: 5.58 in³
Resistivity: ohmm
Salinity: 1300.00 ppm
Filter Cake: 1.00 inches

Cushion Type:
Cushion Length: ft
Cushion Volume: bbl
Gas Cushion Type:
Gas Cushion Pressure: psig
Oil API: 37 deg API
Water Salinity: 0 ppm

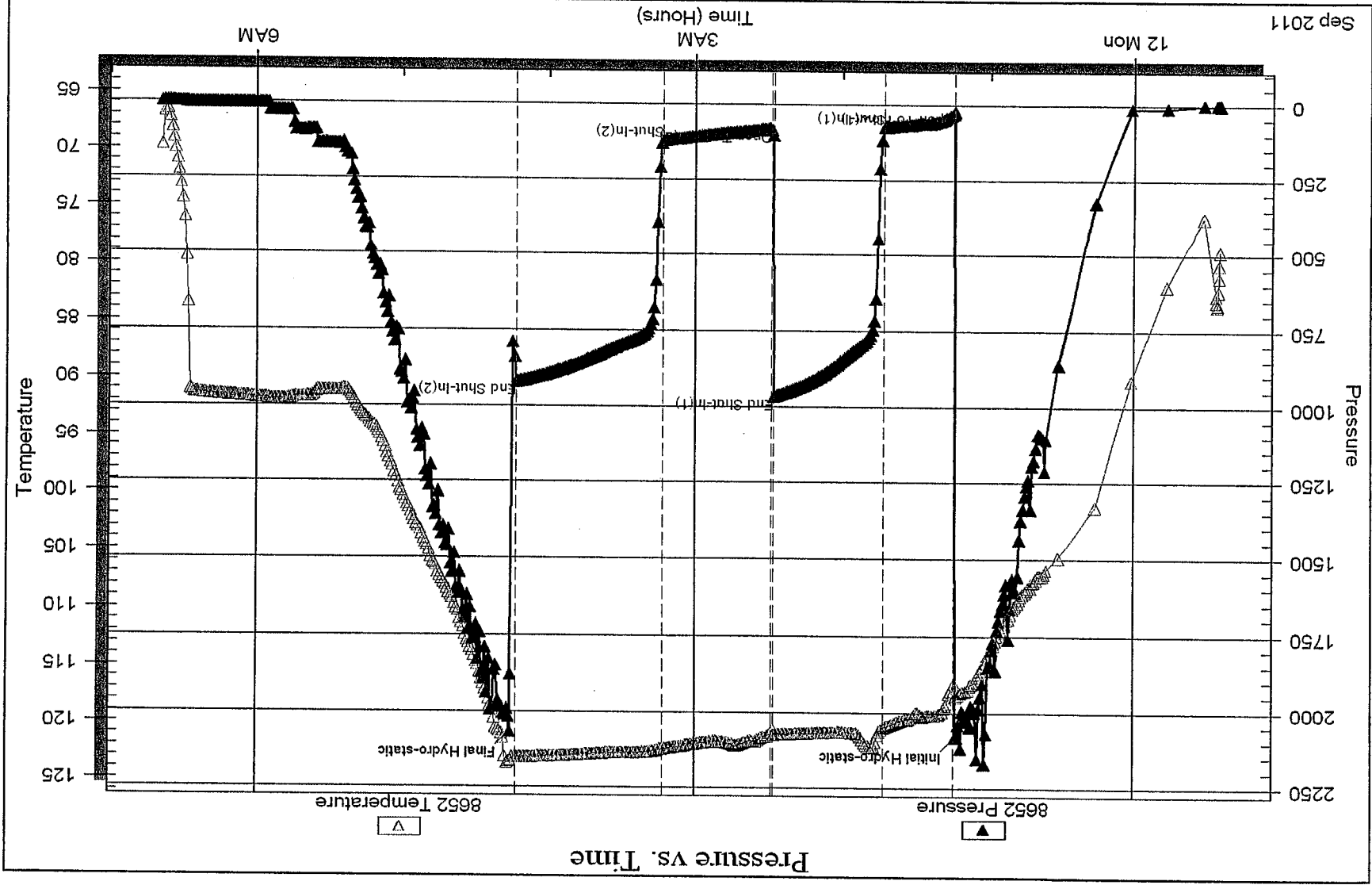
Recovery Information

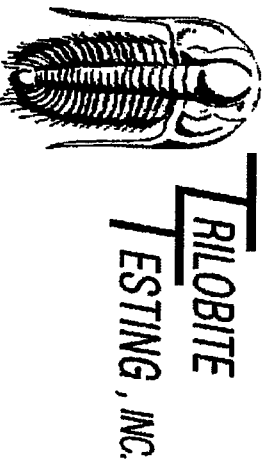
Recovery Table

Length ft	Description	Volume bbl
160.00	gocm 20g 40m 40o	1.133
100.00	go 50g 50o	1.403
0.00	680' GIP	0.000

Total Length: 260.00ft Total Volume: 2.536 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments: API is 38 @ 70 = 37





DRILL STEM TEST REPORT

Prepared For: **Credo Petroleum Corporation**

1801 Broadway, STE 900
Denver, CO 80202

ATTN: Bruce Ard

Marcelline #1-9

9-17s-29w Lane, KS

Start Date: 2011.09.12 @ 16:13:00

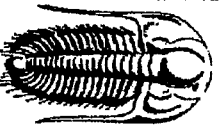
End Date: 2011.09.12 @ 23:47:45

Job Ticket #: 44477 DST #: 3

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Oredo Petroleum Corporation
1801 Broadway, STE 900
Denver, CO 80202
ATTN: Bruce Ard

9-17s-29w Lane, KS
Marcelline #1-9
Job Ticket: 44477
DST#: 3
Test Start: 2011.09.12 @ 16:13:00

GENERAL INFORMATION:

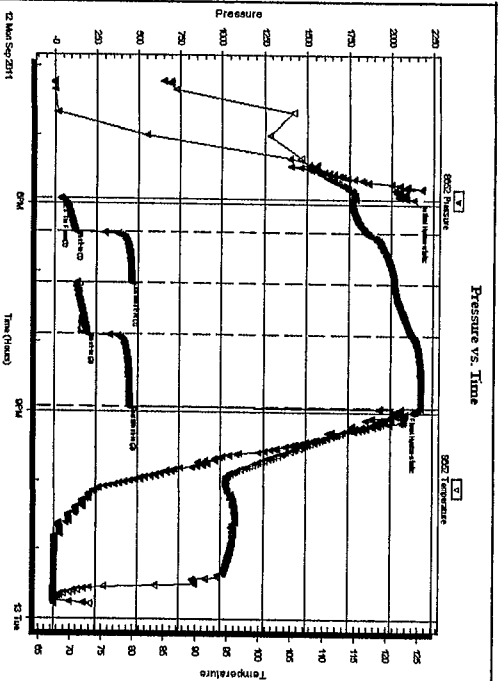
Formation: LKC J&K
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 17:55:00
Time Test Ended: 23:47:45
Interval: 4194.00 ft (KB) To 4244.00 ft (KB) (TVD)
Total Depth: 4244.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good

Test Type: Conventional Bottom Hole (Reset)
Tester: Bradley Waller
Unit No: 40
Reference Elevations: 2820.00 ft (KB)
2815.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 8652 Inside
Press@RunDepth: 194.36 psig @ 4195.00 ft (KB)
Start Date: 2011.09.12 End Date: 2011.09.12
Start Time: 16:13:05 End Time: 23:47:44

Capacity: 8000.00 psig
Last Calib.: 2011.09.12
Time On Birt: 2011.09.12 @ 17:54:45
Time Off Birt: 2011.09.12 @ 20:57:00

TEST COMMENT: IF: BOB @ 17 minutes.
ISI: No return.
FF: BOB @ 22 minutes.
FSI: 1/2 inch blow, died @ 30 minutes.



PRESSURE SUMMARY

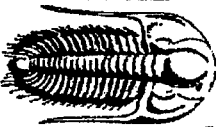
Time (Min)	Pressure (psig)	Temp (deg F)	Annotation
0	2129.03	114.94	Initial Hydro-static
1	34.27	114.23	Open To Flow (1)
31	124.77	116.69	Shut-in(1)
75	461.15	121.22	End Shut-in(1)
76	134.08	121.08	Open To Flow (2)
119	194.36	123.75	Shut-in(2)
181	448.05	125.43	End Shut-in(2)
183	2061.35	124.67	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
240.00	mcw 20m 80w (oil spots)	2.26
120.00	ow cm 10o 15w 75m	1.68
100.00	9o 20g 80o	1.40
0.00	850 GIP	0.00

Gas Rates

Choke (Inches)	Pressure (psig)	Gas Rate (Mcf/d)



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

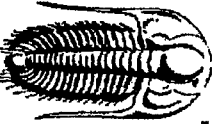
Oredo Petroleum Corporation
1801 Broadway, STE 900
Denver, CO 80202
ATTN: Bruce Ard

9-17s-29w Lane, KS
Marcelline #1-9
Job Ticket: 44477 DST#: 3
Test Start: 2011.09.12 @ 16:13:00

Tool Information

Drill Pipe: Length: 4050.00 ft Diameter: 3.80 inches Volume: 56.81 bbl Tool Weight: 2500.00 lb
 Heavy Wt. Pipe: Length: 0.00 ft Diameter: 0.00 inches Volume: 0.00 bbl Weight set on Packer: 25000.00 lb
 Drill Collar: Length: 122.00 ft Diameter: 2.25 inches Volume: 0.60 bbl Weight to Pull Loose: 73000.00 lb
 Drill Pipe Above KB: 6.00 ft Total Volume: 57.41 bbl Tool Chased 0.00 ft
 Depth to Top Packer: 4194.00 ft String Weight: Initial 64000.00 lb
 Depth to Bottom Packer: ft Final 65000.00 lb
 Interval between Packers: 50.00 ft
 Tool Length: 78.00 ft
 Number of Packers: 2 Diameter: 6.75 inches
 Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Change Over Sub	1.00			4167.00		
Shut In Tool	5.00			4172.00		
Hydraulic tool	5.00			4177.00		
Jars	5.00			4182.00		
Safety Joint	2.00			4184.00		
Packer	5.00			4189.00	28.00	Bottom Of Top Packer
Packer	5.00			4194.00		
Stubb	1.00			4195.00		
Recorder	0.00	8652	Inside	4195.00		
Recorder	0.00	8360	Outside	4195.00		
Perforations	12.00			4207.00		
Change Over Sub	1.00			4208.00		
Drill Pipe	32.00			4240.00		
Change Over Sub	1.00			4241.00		
Bullnose	3.00			4244.00	50.00	Bottom Packers & Anchor
Total Tool Length:	78.00					



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Credo Petroleum Corporation
1801 Broadway, STE 900
Denver, CO 80202

9-17s-29w Lane, KS
Marcelline #1-9
Job Ticket: 44477 **DST#: 3**
Test Start: 2011.09.12 @ 16:13:00

Mud and Cushion Information

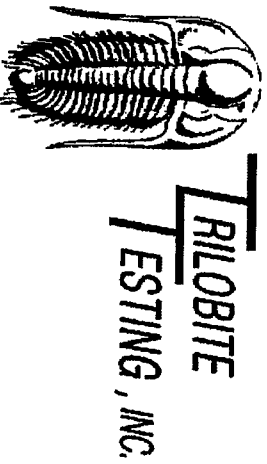
Mud Type: Gel Chem	Cushion Type:	Oil API:	36 deg API
Mud Weight: 9.00 lb/gal	Cushion Length:	ft	Water Salinity: 55000 ppm
Viscosity: 70.00 sec/qt	Cushion Volume:	bbl	
Water Loss: 6.38 in ³	Gas Cushion Type:	psig	
Resistivity: ohm.m	Gas Cushion Pressure:		
Salinity: 1500.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
240.00	mcw 20m 80w (oil spots)	2.255
120.00	ow cm 10o 15w 75m	1.683
100.00	go 20g 80o	1.403
0.00	860 GIP	0.000

Total Length: 460.00ft Total Volume: 5.341 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments: API is 37 @ 70 = 36
 rw is .130 @ 73 = 55000 ppm



DRILL STEM TEST REPORT

Prepared For: **Credo Petroleum Corporation**

1801 Broadway, STE 900
Denver, CO 80202

ATTN: Bruce Ard

Marcelline #1-9

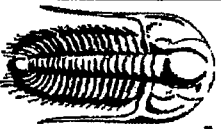
9-17s-29w Lane, KS

Start Date: 2011.09.14 @ 03:25:00

End Date: 2011.09.14 @ 09:32:00

Job Ticket #: 44478 DST #: 4

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Creco Petroleum Corporation
1801 Broadway, STE 900
Denver, CO 80202
ATTN: Bruce Ard

9-17s-29w Lane, KS
Marcelline #1-9
Job Ticket: 44478
DST#: 4
Test Start: 2011.09.14 @ 03:25:00

GENERAL INFORMATION:

Formation: **Altamont - Ft Scott**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 05:05:30
Time Test Ended: 09:32:00
Interval: **4372.00 ft (KB) To 4460.00 ft (KB) (TVD)**
Total Depth: **4460.00 ft (KB) (TVD)**
Hole Diameter: **7.88 inches-Hole Condition: Good**

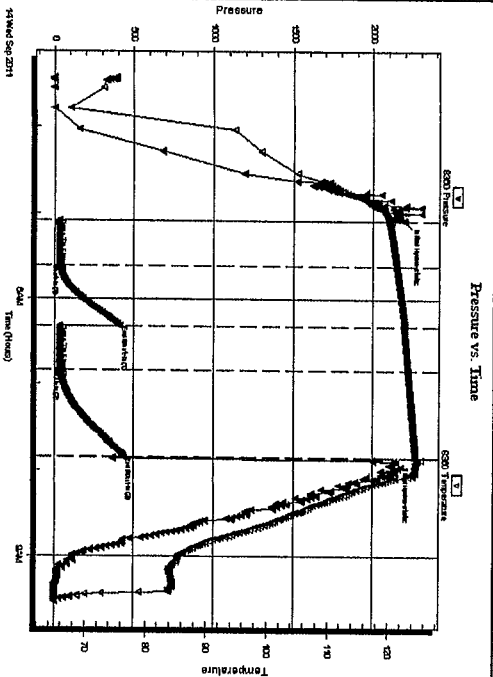
Test Type: Conventional Bottom Hole (Reset)
Tester: Bradley Walker
Unit No: 40
Reference Elevations: 2820.00 ft (KB)
2815.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 8360 Outside
Press@RunDepth: 35.77 psig @ 4373.00 ft (KB)
Start Date: 2011.09.14 End Date:
Start Time: 03:25:05 End Time:

Capacity: 8000.00 psig
Last Calib.: 2011.09.14
Time On Btm: 2011.09.14 @ 05:05:15
Time Off Btm: 2011.09.14 @ 07:52:15

TEST COMMENT:

IF: Surface blow, died @ 14 minutes.
IS: No return.
FE: No blow.
FS: No return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2200.07	120.50	Initial Hydro-static
1	29.21	119.82	Open To Flow (1)
32	32.89	121.39	Shut-In(1)
75	414.95	122.74	End Shut-In(1)
75	32.47	122.49	Open To Flow(2)
105	35.77	123.30	Shut-In(2)
166	438.99	124.54	End Shut-In(2)
167	2135.51	124.94	Final Hydro-static

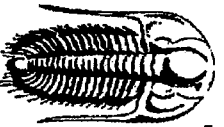
Recovery

Length (ft)	Description	Volume (bbl)
5.00	mud 100m	0.02

* Recovery from multiple tests

Gas Rates

Choke (Inches)	Pressure (psig)	Gas Rate (Mcf/d)



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Ordo Petroleum Corporation
1801 Broadway, STE 900
Denver, CO 80202
ATTN: Bruce Ard

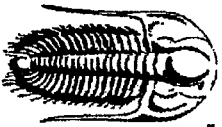
9-17s-29w Lane, KS
Marcelline #1-9
Job Ticket: 44478
DST#: 4
Test Start: 2011.09.14 @ 03:25:00

Tool Information

Drill Pipe:	Length: 4240.00 ft	Diameter: 3.80 inches	Volume: 59.48 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 122.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose: 82000.00 lb
			<u>Total Volume:</u> 60.08 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	18.00 ft			String Weight: Initial 65000.00 lb
Depth to Top Packer:	4372.00 ft			Final 65000.00 lb
Depth to Bottom Packer:	ft			
Interval betw een Packers:	88.00 ft			
Tool Length:	116.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4345.00	
Shut In Tool	5.00			4350.00	
Hydraulic tool jars	5.00			4355.00	
Safety Joint	5.00			4360.00	
Packer	2.00			4362.00	
	5.00			4367.00	28.00 Bottom Of Top Packer
Packer	5.00			4372.00	
Stubb	1.00			4373.00	
Recorder	0.00	8652	Inside	4373.00	
Recorder	0.00	8360	Outside	4373.00	
Perforations	19.00			4392.00	
Change Over Sub	1.00			4393.00	
Drill Pipe	63.00			4456.00	
Change Over Sub	1.00			4457.00	
Bullnose	3.00			4460.00	88.00 Bottom Packers & Anchor
Total Tool Length:	116.00				



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Credo Petroleum Corporation
1801 Broadw ay, STE 900
Denver, CO 80202
ATTN: Bruce Ard

9-17s-29w Lane, KS
Marcelline #1-9
Job Ticket: 44478
DST#: 4
Test Start: 2011.09.14 @ 03:25:00

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 56.00 sec/qt
Water Loss: 6.39 in³
Resistivity: ohm.m
Salinity: 2000.00 ppm
Filter Cake: 1.00 inches

Cushion Type:
Cushion Length: ft
Cushion Volume: bbl
Gas Cushion Type:
Gas Cushion Pressure: psig
Oil API: 0 deg API
Water Salinity: 0 ppm

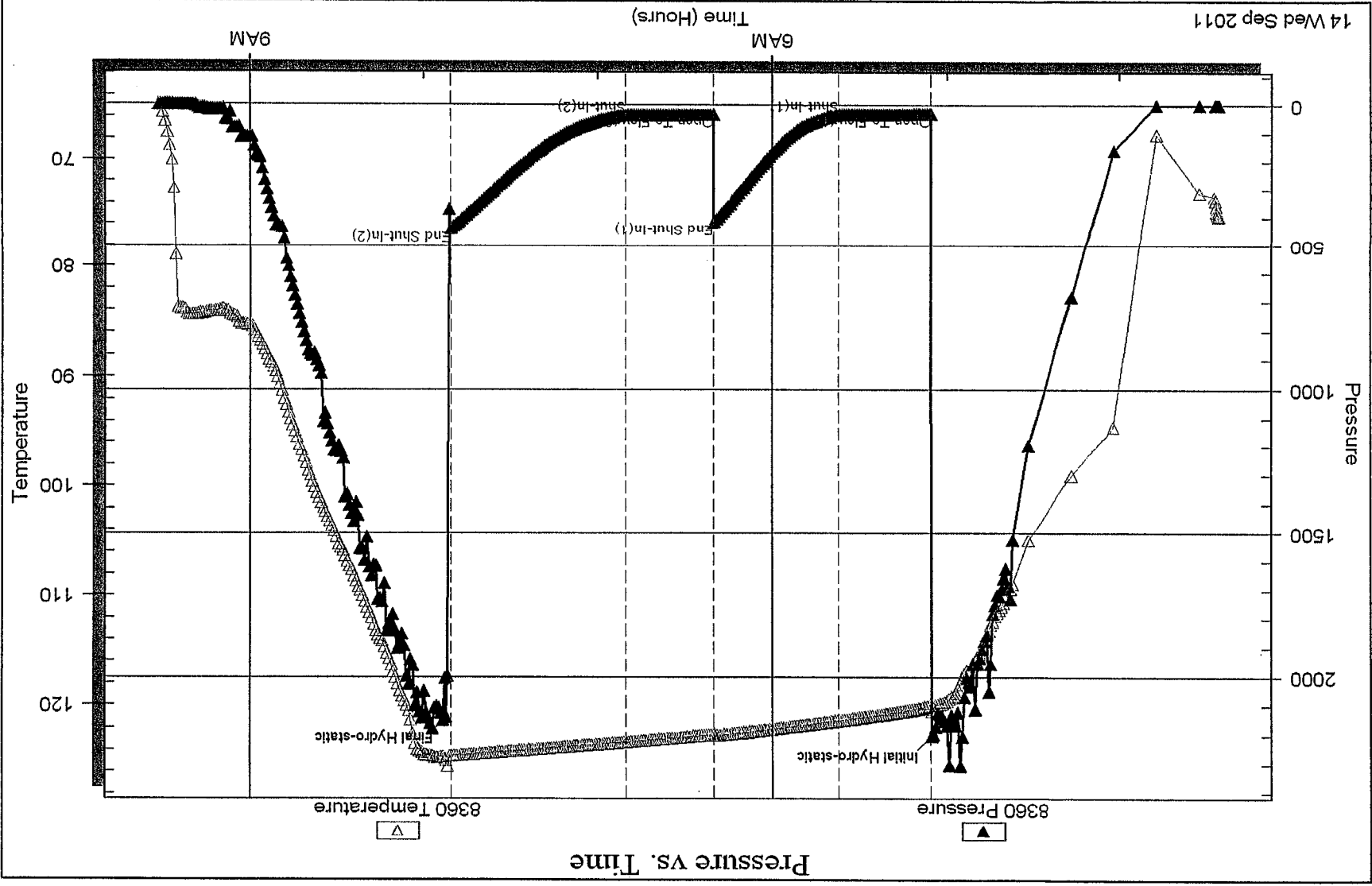
Recovery Information

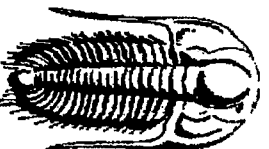
Recovery Table

Length ft	Description	Volume bbl
5.00	mud 100m	0.025

Total Length: 5.00ft Total Volume: 0.025 bbl

Num Fluid Samples: 0 Num Gas Borts: 0 Serial #:
Laboratory Name:
Laboratory Location:
Recovery Comments:





TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Credo Petroleum Corporation**
1801 Broadway, STE 900
Denver, CO 80202

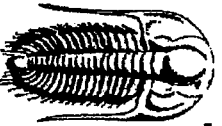
ATTN: Bruce Ard

Marcelline #1-9

9-17s-29w Lane, KS

Start Date: 2011.09.14 @ 23:09:00
End Date: 2011.09.15 @ 08:22:30
Job Ticket #: 44479 DST #: 5

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

Credo Petroleum Corporation

9-17s-29w Lane, KS

1801 Broadway, STE 900
Denver, CO 80202

Marcelline #4-9

Job Ticket: 44479

DST#: 5

ATTN: Bruce Ard

Test Start: 2011.09.14 @ 23:09:00

GENERAL INFORMATION:

Formation: Cherokee - Johnson
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 01:21:30
Time Test Ended: 08:22:30
Interval: 4460.00 ft (KB) To 4542.00 ft (KB) (TVD)
Total Depth: 4572.00 ft (KB) (TVD)
Hole Diameter: 7.88 inch-Hole Condition: Good

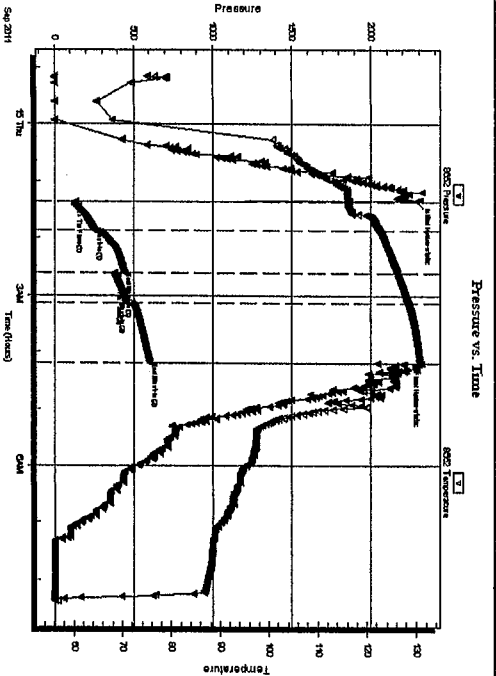
Test Type: Conventional Bottom Hole (Reset)
Tester: Bradley Walter
Unit No: 40
Reference Elevations: 2820.00 ft (KB)
2815.00 ft (CF)
5.00 ft
KB to GR/CF:

Serial #: 8652 Inside
Press@RunDepth: 455.33 psig @ 4461.00 ft (KB)
Start Date: 2011.09.14 End Date:
Start Time: 23:09:05 End Time:

Capacity: 8000.00 psig
Last Callb.: 2011.09.15
Time On Birm 2011.09.15 @ 01:21:00
Time Off Birm 2011.09.15 @ 04:12:30

TEST COMMENT:

IF: BOB 1 1/2 minutes.
SI: BOB 3 min after bleed off.
FF: BOB 1 1/2 minutes.
FSI: BOB 2 min Gassy odor at end of shut in.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2284.63	116.56	Initial Hydro-static
1	131.18	116.11	Open To Flow (1)
32	252.67	122.53	Shut-In(1)
76	440.45	126.14	End Shut-In(1)
77	378.16	126.18	Open To Flow (2)
107	455.33	128.26	Shut-In(2)
171	603.97	130.66	End Shut-In(2)
172	2207.88	130.48	Final Hydro-static

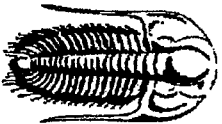
Recovery

Length (ft)	Description	Volume (bbt)
310.00	go cm 30g 100 60m	3.24
430.00	go 30g 700	6.03
770.00	go 60g 400	10.80
0.00	2950 GIP	0.00

Gas Rates

Choke (Inches)	Pressure (psig)	Gas Rate (Mcf/d)

* Recovery from multiple tests



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Oredo Petroleum Corporation

9-17s-29w Lane, KS

1801 Broadway, STE 900

Marcelline #1-9

Denver, CO 80202

Job Ticket: 44479

DST#: 5

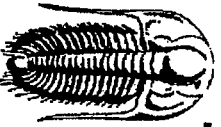
ATTN: Bruce Ard

Test Start: 2011.09.14 @ 23:09:00

Tool Information

Drill Pipe: Length: 4332.00 ft Diameter: 3.80 inches Volume: 60.77 bbl Tool Weight: 2500.00 lb
 Heavy Wt. Pipe: Length: 0.00 ft Diameter: 0.00 inches Volume: 0.00 bbl Weight set on Packer: 25000.00 lb
 Drill Collar: Length: 122.00 ft Diameter: 2.25 inches Volume: 0.60 bbl Weight to Pull Loose: 78000.00 lb
 Drill Pipe Above KB: 22.00 ft Total Volume: 61.37 bbl Tool Chased 0.00 ft
 Depth to Top Packer: 4460.00 ft String Weight: Initial 66000.00 lb
 Depth to Bottom Packer: ft Final 68000.00 lb
 Interval between Packers: 82.00 ft
 Tool Length: 110.00 ft
 Number of Packers: 2 Diameter: 6.75 inches
 Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4433.00	
Shut In Tool	5.00			4438.00	
Hydraulic tool jars	5.00			4443.00	
Safety Joint	5.00			4448.00	
Packer	2.00			4450.00	
Packer	5.00			4455.00	28.00
Packer	5.00			4460.00	Bottom Of Top Packer
Stub	1.00			4461.00	
Recorder	0.00	8652	Inside	4461.00	
Recorder	0.00	8360	Outside	4461.00	
Perforations	13.00			4474.00	
Change Over Sub	1.00			4475.00	
Drill Pipe	63.00			4538.00	
Change Over Sub	1.00			4539.00	
Bullnose	3.00			4542.00	82.00
				Bottom Packers & Anchor	
Total Tool Length:				110.00	



TRIOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Crede Petroleum Corporation
1801 Broadw ay, STE 900
Denver, CO 80202

9-17s-29w Lane, KS
Marcelline #1-9
Job Ticket: 44479
DST#:5
Test Start: 2011.09.14 @ 23:09:00

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 71.00 sec/cf
Water Loss: 7.18 in³
Resistivity: ohm.m
Salinity: 3900.00 ppm
Filter Cake: 1.00 inches

Cushion Type:
Cushion Length: ft
Cushion Volume: bbl
Gas Cushion Type:
Gas Cushion Pressure: psig
Oil API: 38 deg API
Water Salinity: 0 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
310.00	gocm 30g 100 60m	3.237
430.00	go 30g 70o	6.032
770.00	go 60g 40o	10.801
0.00	2950 GIP	0.000

Total Length: 1510.00ft Total Volume: 20.070 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments: API is 37 @ 50 = 38

