



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

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: _____



1057740

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 Bbbs.	Gas Mcf	Water Bbbs.	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> <input type="checkbox"/> Other <i>(Specify)</i> _____ <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: _____ _____
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CONSOLIDATED
Oil Well Services, LLC

11
JC
CS

TICKET NUMBER 30708

LOCATION Dakley Kansas

FOREMAN Pat Heister

PO Box 884, Chanute, KS 66720
620-431-9210 or 800-467-8676

FIELD TICKET & TREATMENT REPORT *H+M*
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY	
3-21-11	7158	Michael Trust 2	21	18	27W	Lane	
CUSTOMER Raymond Oil Company		Dighton mile E 6 into		TRUCK #	DRIVER	TRUCK #	DRIVER
MAILING ADDRESS				4567718	Cheryl S		
CITY		STATE		460	Josh G		
ZIP CODE							

JOB TYPE Surface HOLE SIZE 12 1/4 HOLE DEPTH 256 CASING SIZE & WEIGHT 8 5/8 25#
 CASING DEPTH 254 DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 15.2 SLURRY VOL 1.18 WATER gal/sk 6.5 CEMENT LEFT in CASING 20'
 DISPLACEMENT 8.5 bbl DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: Safety meeting mix 130 sks 35% cc 27 gel Release Plug Displace 8.5 bbl H2O @ 200 PSI shut in @ 100 PSI

Circulated good cement

Thank you
Pat + Crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
54015	1	PUMP CHARGE	1025 ⁰⁰	1025 ⁰⁰
5406	20 mi	MILEAGE	5 ⁰⁰	100 ⁰⁰
5407	8.46 Ton	Mix Bulk Delivery	410 ⁰⁰	410 ⁰⁰
11045	180 sk	Class "A" cement	14 ⁰⁰	3024 ⁰⁰
1102	508 Lbs	Calcium Chloride	1.84	426 ²⁰
1118B	338 Lbs	Bentonite gel	.24	81 ¹²
4432	1	8 5/8 wooden Plug	96 ⁰⁰	96 ⁰⁰
<u>240132</u>				
Subtotal				5162 ²⁰
Less			20%	-1032 ⁵⁶
				4130 ²⁵
			SALES TAX	228.55
			ESTIMATED TOTAL	4358.83

Ravin 3737

AUTHORIZATION Rich Wheeler

TITLE Toolpusher

DATE 3-21-11

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.



CONSOLIDATED
Oil Well Services, LLC

MS (ADD)
FW
Rm

TICKET NUMBER 30740
LOCATION Oakley
FOREMAN Fuzzz

PO Box 884, Chanute, KS 66720
620-431-9210 or 800-467-8676

FIELD TICKET & TREATMENT REPORT
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
4-12-11	758	Michael #2	21	185	27W	Lane
CUSTOMER RAYMOND OIL CO.			TRUCK #			
MAILING ADDRESS			DRIVER			
CITY			STATE			
ZIP CODE			TRUCK #			
			DRIVER			

JOB TYPE 1-inch HOLE SIZE _____ HOLE DEPTH _____ CASING SIZE & WEIGHT _____
 CASING DEPTH _____ DRILL PIPE _____ TUBING 1" OTHER _____
 SLURRY WEIGHT 12.5 SLURRY VOL 1.98 WATER gal/sk 10.8 CEMENT LEFT in CASING _____
 DISPLACEMENT _____ DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: Safety meeting @ Professional Pulling Service
Mix 75 sks 6040 890 gel 14# flo seal. Pull 1-inch
out of hole + wash clean.

filled between 5'12 + 7'18 + 5'12 + 8'5/8 csg. from 465'
to surface. cement did circulate

Thanks Fuzzz + crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401 s	1	PUMP CHARGE	1025 ⁰⁰	1025 ⁰⁰
5406	30	MILEAGE	5 ⁰⁰	150 ⁰⁰
1131	75	6040 pos	14 ²⁵	1076 ²⁵
1118A	516 #	Ben Oxite	124	123 ⁸⁴
1107	19 #	5/10-seal	2 ⁶⁰	50 ⁵⁴
5407	3.22 Tons	Ton Mileage Delivery (minimum)	1 ⁵⁸	410 ⁰⁰
		subtotal		2835 ⁶³
		less 20% discount		567 ¹²
		subtotal		2268 ⁵⁰
		240573		
		SALES TAX		63.02
		ESTIMATED TOTAL		2331.52

Ravin 3737

AUTHORIZATION _____ TITLE _____ DATE _____

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.



DRILL STEM TEST REPORT

Prepared For: **Raymond Oil Co., Inc.**

PO Box 48788
Wichita KS 67201-8788

ATTN: Kim Shoemaker

S21-18s-27w Lane,KS

#2 Michaud Trust

Start Date: 2011.03.25 @ 16:40:00

End Date: 2011.03.26 @ 00:46:00

Job Ticket #: 041174 DST #: 1

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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

Raymond Oil Co., Inc.

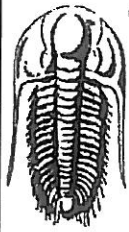
#2 Michaud Trust

S21-18s-27w Lane,KS

DST # 1

LKC 220

2011.03.25



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Raymond Oil Co., Inc.
PO Box 48788
Wichita KS 67201-8788
ATTN: Kim Shoemaker

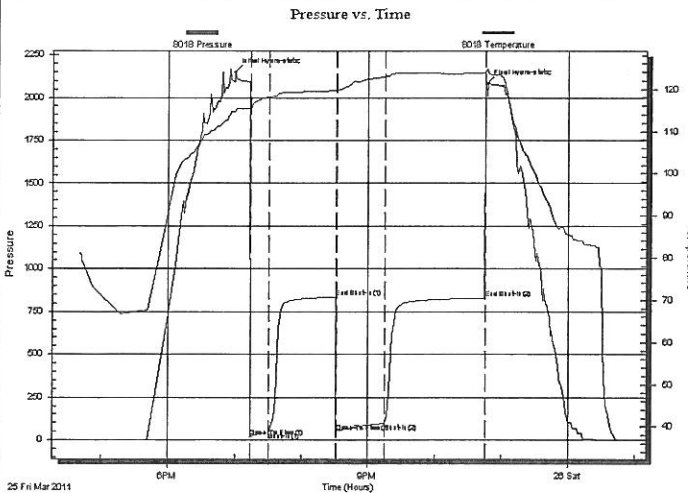
#2 Michaud Trust
S21-18s-27w Lane, KS
Job Ticket: 041174 DST#: 1
Test Start: 2011.03.25 @ 16:40:00

GENERAL INFORMATION:

Formation: LKC 220
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 19:13:24
Time Test Ended: 00:46:00
Interval: 4265.00 ft (KB) To 4300.00 ft (KB) (TVD)
Total Depth: 4300.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good
Test Type: Conventional Bottom Hole
Tester: Chuck Smith
Unit No: 37
Reference Elevations: 2701.00 ft (KB)
2692.00 ft (CF)
KB to GR/CF: 9.00 ft

Serial #: 8018 Inside
Press@RunDepth: 97.95 psig @ 4267.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2011.03.25 End Date: 2011.03.26 Last Calib.: 2011.03.26
Start Time: 16:40:05 End Time: 00:45:59 Time On Btm: 2011.03.25 @ 18:59:12
Time Off Btm: 2011.03.25 @ 22:46:24

TEST COMMENT: IF: B.O.B. @ 8 min. (Tool took 12 minutes to open)
IS: 1/2" Surface return.
FF: B.O.B. @ 3 min.
FSI: 1/2" Surface return.



PRESSURE SUMMARY

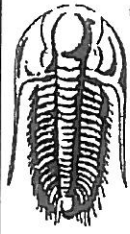
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2148.21	114.70	Initial Hydro-static
15	19.99	114.71	Open To Flow (1)
31	45.54	118.06	Shut-In(1)
92	833.78	119.67	End Shut-In(1)
93	47.90	119.27	Open To Flow (2)
137	97.95	123.04	Shut-In(2)
226	828.51	123.70	End Shut-In(2)
228	2082.11	124.59	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
94.00	GOCM 15g 20o 65m	1.32
126.00	GOCM 10g 15o 75m with emulsion	1.77
0.00	30 Feet GIP	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Raymond Oil Co., Inc.
PO Box 48788
Wichita KS 67201-8788
ATTN: Kim Shoemaker

#2 Michaud Trust
S21-18s-27w Lane, KS
Job Ticket: 041174 DST#: 1
Test Start: 2011.03.25 @ 16:40:00

Tool Information

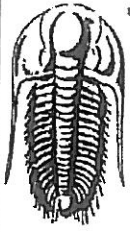
Drill Pipe:	Length: 4259.00 ft	Diameter: 3.80 inches	Volume: 59.74 bbl	Tool Weight: 2100.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 80000.00 lb
			Total Volume: 59.74 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	16.50 ft			String Weight: Initial 60000.00 lb
Depth to Top Packer:	4265.00 ft			Final 62000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	35.00 ft			
Tool Length:	57.50 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			4243.50	
Shut In Tool	5.00			4248.50	
Hydraulic tool	5.00			4253.50	
Safety Joint	2.50			4256.00	
Packer	5.00			4261.00	22.50 Bottom Of Top Packer
Packer	4.00			4265.00	
Stubb	1.00			4266.00	
Perforations	1.00			4267.00	
Recorder	0.00	8018	Inside	4267.00	
Recorder	0.00	6751	Outside	4267.00	
Perforations	30.00			4297.00	
Bullnose	3.00			4300.00	35.00 Bottom Packers & Anchor

Total Tool Length: 57.50



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Raymond Oil Co., Inc.

#2 Michaud Trust

PO Box 48788
Wichita KS 67201-8788

S21-18s-27w Lane, KS

Job Ticket: 041174 DST#: 1

ATTN: Kim Shoemaker

Test Start: 2011.03.25 @ 16:40:00

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	0 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	0 ppm
Viscosity: 63.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.18 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 3500.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
94.00	GOCM 15g 20o 65m	1.319
126.00	GOCM 10g 15o 75m w ith emulsion	1.767
0.00	30 Feet GIP	0.000

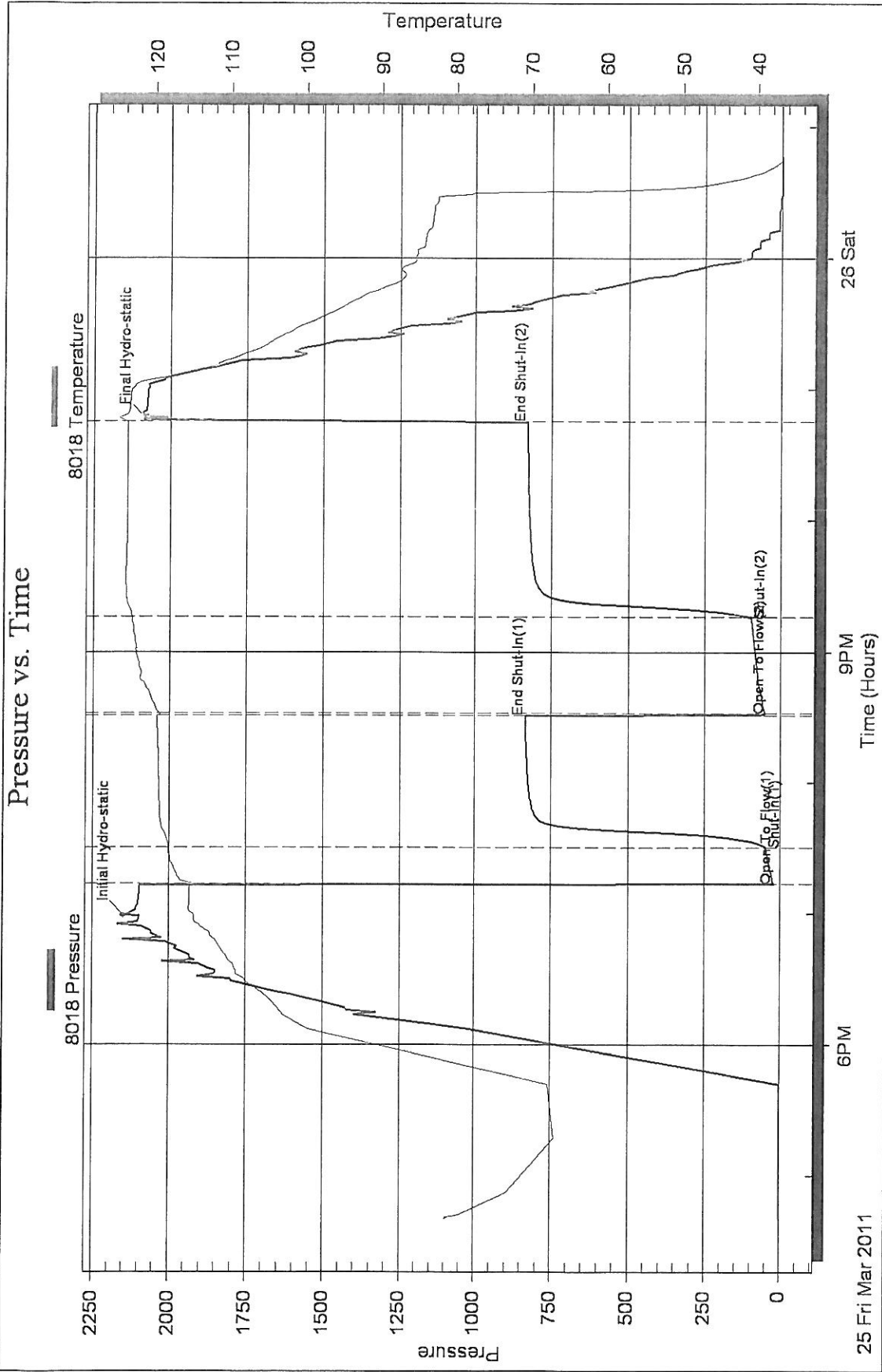
Total Length: 220.00 ft Total Volume: 3.086 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Raymond Oil Co., Inc.**

PO Box 48788
Wichita KS 67201-8788

ATTN: Kim Shoemaker

S21-18s-27w Lane,KS

#2 Michaud Trust

Start Date: 2011.03.26 @ 21:42:00

End Date: 2011.03.27 @ 05:32:47

Job Ticket #: 041175 DST #: 2

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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

Raymond Oil Co., Inc.

#2 Michaud Trust

S21-18s-27w Lane,KS

DST # 2

Marmaton / Ft. Scott

2011.03.26



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Raymond Oil Co., Inc.
 PO Box 48788
 Wichita KS 67201-8788
 ATTN: Kim Shoemaker

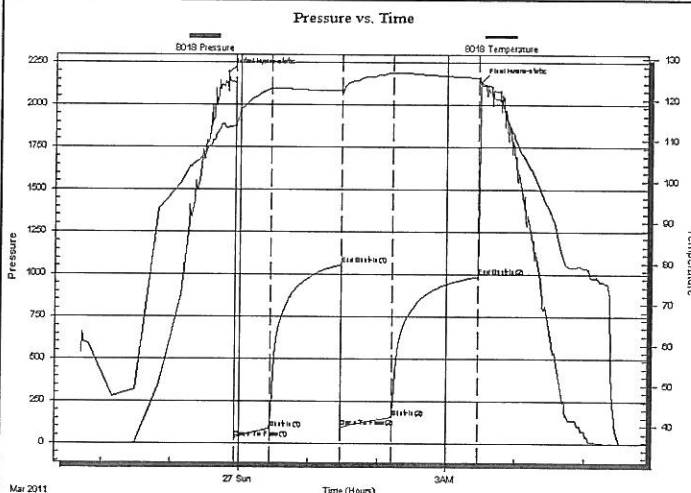
#2 Michaud Trust
 S21-18s-27w Lane, KS
 Job Ticket: 041175 DST#: 2
 Test Start: 2011.03.26 @ 21:42:00

GENERAL INFORMATION:

Formation: Marmaton / Ft. Scott
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 23:55:48
 Time Test Ended: 05:32:47
 Interval: 4303.00 ft (KB) To 4515.00 ft (KB) (TVD)
 Total Depth: 4515.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole
 Tester: Chuck Smith
 Unit No: 37
 Reference Elevations: 2701.00 ft (KB)
 2692.00 ft (CF)
 KB to GR/CF: 9.00 ft

Serial #: 8018 Inside
 Press@RunDepth: 153.97 psig @ 4305.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2011.03.26 End Date: 2011.03.27 Last Calib.: 2011.03.27
 Start Time: 21:42:05 End Time: 05:32:48 Time On Btm: 2011.03.26 @ 23:49:24
 Time Off Btm: 2011.03.27 @ 03:29:36

TEST COMMENT: IF: B.O.B. @ 12 min.
 IS: 1/2" Surface return.
 FF: B.O.B. @ 18 min.
 FS: 2" Return, died @ 40 min.



PRESSURE SUMMARY

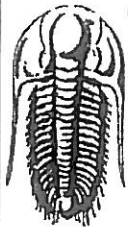
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2189.20	113.17	Initial Hydro-static
7	30.51	113.07	Open To Flow (1)
37	87.02	122.72	Shut-In(1)
99	1055.19	122.16	End Shut-In(1)
99	95.44	121.70	Open To Flow (2)
144	153.97	126.46	Shut-In(2)
219	987.57	125.37	End Shut-In(2)
221	2135.98	123.63	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	RW:.175 @ 70 Degrees F = 40000	PF0.00
115.00	GOCM 5g 10o 85m	1.61
61.00	GOCMW 10g 5o 15m 70w	0.86
124.00	OSMW 30m 70w	1.74

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Raymond Oil Co., Inc.

#2 Michaud Trust

PO Box 48788
Wichita KS 67201-8788

S21-18s-27w Lane, KS

Job Ticket: 041175

DST#: 2

ATTN: Kim Shoemaker

Test Start: 2011.03.26 @ 21:42:00

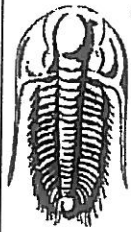
Tool Information

Drill Pipe:	Length: 4292.00 ft	Diameter: 3.80 inches	Volume: 60.21 bbl	Tool Weight: 2100.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 30000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 70000.00 lb
			<u>Total Volume: 60.21 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	16.50 ft			String Weight: Initial 62000.00 lb
Depth to Top Packer:	4303.00 ft			Final 65000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	212.00 ft			
Tool Length:	239.50 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			4276.50	
Shut In Tool	5.00			4281.50	
Hydraulic tool	5.00			4286.50	
Jars	5.00			4291.50	
Safety Joint	2.50			4294.00	
Packer	5.00			4299.00	27.50 Bottom Of Top Packer
Packer	4.00			4303.00	
Stubb	1.00			4304.00	
Perforations	1.00			4305.00	
Recorder	0.00	8018	Inside	4305.00	
Recorder	0.00	6751	Outside	4305.00	
Perforations	20.00			4325.00	
Change Over Sub	1.00			4326.00	
Drill Pipe	185.00			4511.00	
Change Over Sub	1.00			4512.00	
Bullnose	3.00			4515.00	212.00 Bottom Packers & Anchor
Total Tool Length:	239.50				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Raymond Oil Co., Inc.
PO Box 48788
Wichita KS 67201-8788
ATTN: Kim Shoemaker

#2 Michaud Trust
S21-18s-27w Lane, KS
Job Ticket: 041175 DST#: 2
Test Start: 2011.03.26 @ 21:42:00

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: 40000 ppm
Viscosity: 53.00 sec/qt	Cushion Volume: bbl	
Water Loss: 7.98 in ³	Gas Cushion Type:	
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig	
Salinity: 2000.00 ppm		
Filter Cake: 1.00 inches		

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	RW: 175 @ 70 Degrees F = 40000 PPM	0.000
115.00	GOCM 5g 10o 85m	1.613
61.00	GOCMW 10g 5o 15m 70w	0.856
124.00	OSMW 30m 70w	1.739

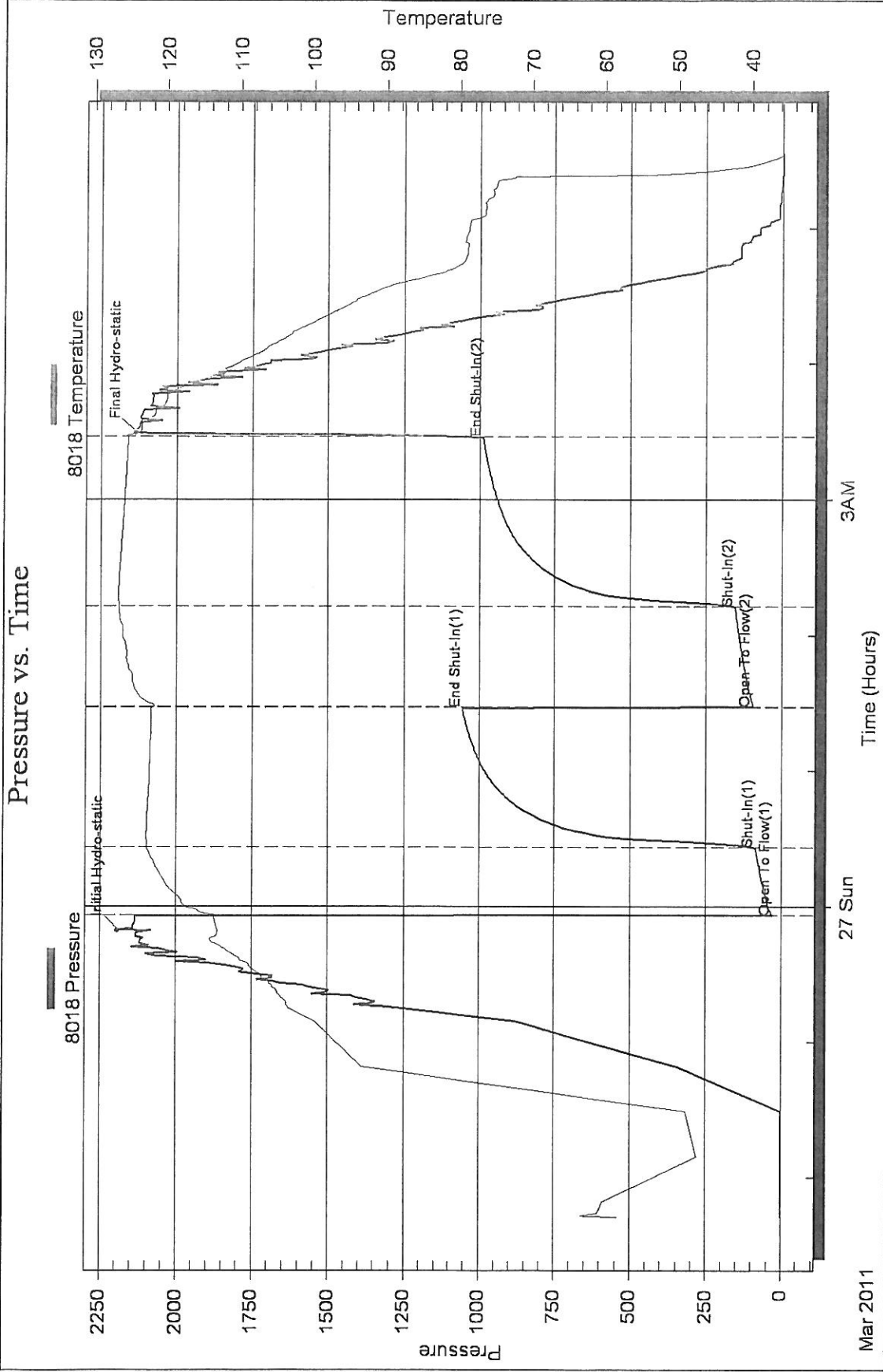
Total Length: 300.00 ft Total Volume: 4.208 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments: API: 34 @ 40 Degrees F = 36

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Raymond Oil Co., Inc.**

PO Box 48788
Wichita KS 67201-8788

ATTN: Kim Shoemaker

S21-18s-27w Lane,KS

#2 Michaud Trust

Start Date: 2011.03.27 @ 17:02:00

End Date: 2011.03.28 @ 02:30:12

Job Ticket #: 042126 DST #: 3

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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

Raymond Oil Co., Inc.

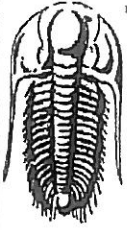
#2 Michaud Trust

S21-18s-27w Lane,KS

DST # 3

Sand

2011.03.27



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Raymond Oil Co., Inc.
PO Box 48788
Wichita KS 67201-8788
ATTN: Kim Shoemaker

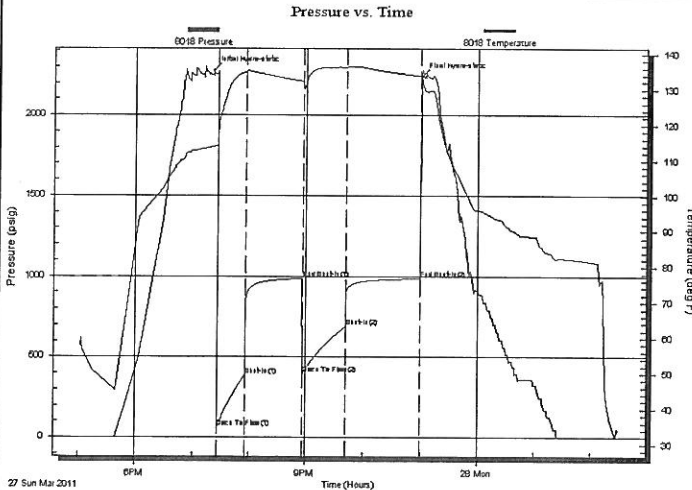
#2 Michaud Trust
S21-18s-27w Lane, KS
Job Ticket: 042126 DST#: 3
Test Start: 2011.03.27 @ 17:02:00

GENERAL INFORMATION:

Formation: Sand
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 19:26:48
Time Test Ended: 02:30:12
Interval: 4532.00 ft (KB) To 4582.00 ft (KB) (TVD)
Total Depth: 4582.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good
Test Type: Conventional Bottom Hole
Tester: Chuck Smith
Unit No: 37
Reference Elevations: 2701.00 ft (KB)
2692.00 ft (CF)
KB to GR/CF: 9.00 ft

Serial #: 8018 Inside
Press@RunDepth: 687.35 psig @ 4536.00 ft (KB)
Start Date: 2011.03.27 End Date: 2011.03.28
Start Time: 17:02:05 End Time: 02:30:11
Capacity: 8000.00 psig
Last Calib.: 2011.03.28
Time On Btm: 2011.03.27 @ 19:21:24
Time Off Btm: 2011.03.27 @ 23:00:00

TEST COMMENT: IF: B.O.B. @ 4 min.
IS: 5" Return.
FF: B.O.B. @ 4 min.
FSI: No return.



PRESSURE SUMMARY

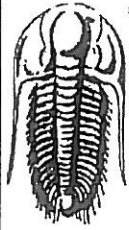
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2274.26	113.99	Initial Hydro-static
6	62.91	116.29	Open To Flow (1)
35	383.69	134.99	Shut-In(1)
95	984.82	132.47	End Shut-In(1)
96	395.72	132.05	Open To Flow (2)
140	687.35	136.31	Shut-In(2)
218	984.12	133.95	End Shut-In(2)
219	2239.88	134.33	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
938.00	GO 30g 70o	13.16
125.00	GOCM 10g 5o 85m Emulsion	1.75
787.00	GO 40g 60o	11.04
0.00	93 Feet GIP	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Raymond Oil Co., Inc.

#2 Michaud Trust

PO Box 48788
Wichita KS 67201-8788

S21-18s-27w Lane, KS

Job Ticket: 042126 DST#: 3

ATTN: Kim Shoemaker

Test Start: 2011.03.27 @ 17:02:00

Tool Information

Drill Pipe:	Length: 4536.00 ft	Diameter: 3.80 inches	Volume: 63.63 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: 30000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 80000.00 lb
			<u>Total Volume: 63.63 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	31.50 ft			String Weight: Initial 62000.00 lb
Depth to Top Packer:	4532.00 ft			Final 70000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	50.00 ft			
Tool Length:	77.50 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Length (ft) Serial No. Position Depth (ft) Accum. Lengths

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4505.50	
Shut In Tool	5.00			4510.50	
Hydraulic tool	5.00			4515.50	
Jars	5.00			4520.50	
Safety Joint	2.50			4523.00	
Packer	5.00			4528.00	27.50 Bottom Of Top Packer
Packer	4.00			4532.00	
Stubb	1.00			4533.00	
Perforations	3.00			4536.00	
Recorder	0.00	8018	Inside	4536.00	
Recorder	0.00	6751	Outside	4536.00	
Perforations	10.00			4546.00	
Change Over Sub	1.00			4547.00	
Drill Pipe	31.00			4578.00	
Change Over Sub	1.00			4579.00	
Bullnose	3.00			4582.00	50.00 Bottom Packers & Anchor
Total Tool Length:	77.50				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Raymond Oil Co., Inc.

#2 Michaud Trust

PO Box 48788
Wichita KS 67201-8788

S21-18s-27w Lane, KS

Job Ticket: 042126

DST#: 3

ATTN: Kim Shoemaker

Test Start: 2011.03.27 @ 17:02:00

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	37 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	0 ppm
Viscosity: 52.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.98 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 3800.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
938.00	GO 30g 70o	13.158
125.00	GOCM 10g 5o 85m Emulsion	1.753
787.00	GO 40g 60o	11.040
0.00	93 Feet GIP	0.000

Total Length: 1850.00 ft Total Volume: bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments: API: 34 @ 30 Degrees F = 37.

Pressure vs. Time

