

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1
June 2009
Form Must Be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 5046
Name: RAYMOND OIL COMPANY INC.
Address 1: P.O. BOX 48788
Address 2: _____
City: WICHITA State: KS Zip: 67201 + _____
Contact Person: TED MCHENRY
Phone: (316) 267-4214
CONTRACTOR: License # 6039
Name: L.D. DRILLING INC.
Wellsite Geologist: MAX LOVELY
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 #: _____

<u>12/22/2010</u>	<u>01/07/2011</u>	<u>01/08/2011</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 203-20158-0000
Spot Description: _____
S2_N2_SE Sec. 11 Twp. 20 S. R. 35 East West
1,728 Feet from North / South Line of Section
1,320 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: WICHITA
Lease Name: H.D. SCHMIDT Well #: 1
Field Name: WC
Producing Formation: _____
Elevation: Ground: 3128 Kelly Bushing: 3133
Total Depth: 5039 Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at: 248 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: 22000 ppm Fluid volume: 840 bbls
Dewatering method used: EVAPORATION
Location of fluid disposal if hauled offsite: _____
Operator Name: _____
Lease Name: _____ License #: _____
Quarter _____ Sec. _____ Twp: _____ S. R. _____ East West
County: _____ Permit #: _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

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.

Signature: Ted McHenry
Title: GEOLOGIST Date: 03/07/2011

KCC Office Use ONLY

Letter of Confidentiality Received
Date: _____ **RECEIVED**
 Confidential Release Date: _____ **MAR 10 2011**
 Wireline Log Received
 Geologist Report Received
 UIC Distribution
ALT I II III Approved by: PLA **KCC WICHITA**
Date: 3/5/11

Operator Name: RAYMOND OIL COMPANY INC. Lease Name: H.D. SCHMIDT Well #: 1
 Sec. 11 Twp. 20 S. R. 35 East West County: WICHITA

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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" 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: NEUTRON/DENSITY, DUAL INDUCTION, RADIATION GUARD, SONIC, GEOLOGIST REPORT	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample <table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Name</th> <th style="text-align: left;">Top</th> <th style="text-align: left;">Datum</th> </tr> </thead> <tbody> <tr> <td>B/ANH</td> <td>2291</td> <td>843</td> </tr> <tr> <td>HEEBNER</td> <td>3953</td> <td>-819</td> </tr> <tr> <td>STARK</td> <td>4329</td> <td>-1195</td> </tr> <tr> <td>MARMATON</td> <td>4496</td> <td>-1362</td> </tr> <tr> <td>MISSISSIPPIAN</td> <td>4918</td> <td>-1784</td> </tr> </tbody> </table>	Name	Top	Datum	B/ANH	2291	843	HEEBNER	3953	-819	STARK	4329	-1195	MARMATON	4496	-1362	MISSISSIPPIAN	4918	-1784
Name	Top	Datum																	
B/ANH	2291	843																	
HEEBNER	3953	-819																	
STARK	4329	-1195																	
MARMATON	4496	-1362																	
MISSISSIPPIAN	4918	-1784																	

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
SURFACE	12 1/4"	8 5/8"	23#	248	CLASS A	170	3%CC, 2%GEL

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

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

TUBING RECORD:		Size:	Set At:	Packer At:	Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumed Production, SWD or ENHR.			Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) _____		
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

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 (Specify) _____	PRODUCTION INTERVAL: _____ _____
--	--	---

PH



CONSOLIDATED
Oil Well Services, LLC

TICKET NUMBER **28697**

LOCATION *Amber...*
FOREMAN *Pat H... ..*

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
1-8-11		HA sub mid 1	11	26	35 W	Wichita
CUSTOMER <i>Raymond Oil Company</i>			TRUCK #	DRIVER 1	TRUCK #	DRIVER
MAILING ADDRESS			<i>465</i>	<i>Wade E</i>		
CITY			<i>HFB</i>	<i>Wade E</i>		
STATE						
ZIP CODE						

JOB TYPE *Misc* HOLE SIZE _____ HOLE DEPTH *2280* CASING SIZE & WEIGHT _____
 CASING DEPTH _____ DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT *1260* SLURRY VOL _____ WATER gal/sk *6* CEMENT LEFT in CASING _____
 DISPLACEMENT _____ DISPLACEMENT PSI _____ MIX / PSI _____ RATE _____

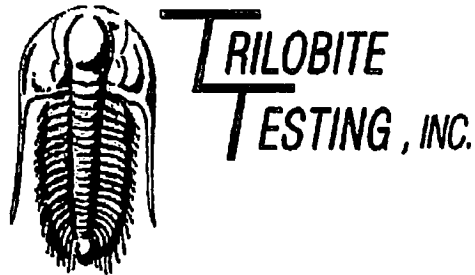
REMARKS *1 2500 - 50 SK*
2 1200 - 50 SK
3 200 - 40 SK
4 270 - 50 SK
5 10 - 20 SK
RH - 35 SK

*Thank you
Pat & Crew*

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
<i>4105A</i>	<i>1</i>	PUMP CHARGE	<i>750</i>	<i>750</i>
<i>5406</i>	<i>70 mi</i>	MI BEAGE	<i>1.89</i>	<i>1323</i>
<i>5407A</i>	<i>1700 T</i>	Ton mileage Delivery	<i>4.50</i>	<i>7650</i>
<i>1130</i>	<i>2700 lb</i>	40/40 PORT	<i>1.50</i>	<i>4050</i>
<i>119A</i>	<i>920 Lb</i>	Phenonite gel	<i>2.25</i>	<i>2070</i>
<i>1107</i>	<i>58 Lb</i>	Flt seal	<i>3.50</i>	<i>203</i>
RECEIVED				
MAR 14 2011				
KCC-WICHITA				
SALES TAX				
ESTIMATED TOTAL				

AUTHORIZATION *[Signature]* TITLE *Tool Pusher* DATE *1/8/11*

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.



DRILL STEM TEST REPORT

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

PO Box 48788
Wichita, KS 67201

ATTN: Max Lovely

11-20-35 Wichita KS

HD Schmidt #1

Start Date: 2011.01.02 @ 05:24:00

End Date: 2011.01.02 @ 16:48:30

Job Ticket #: 040575 DST #: 1

Trilobite Testing, Inc
PO Box 1733 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

RECEIVED
MAR 10 2011
KCC WICHITA



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Raymond Oil Co. Inc

PO Box 48788
Wichita, KS 67201

ATTN: Max Lovely

HD Schmidt #1

11-20-35 Wichita KS

Job Ticket: 040575

DST#: 1

Test Start: 2011.01.02 @ 05:24:00

GENERAL INFORMATION:

Formation: **Drum**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 08:54:10

Time Test Ended: 16:48:30

Test Type: Conventional Bottom Hole

Tester: Chuck Smith

Unit No: 37

Interval: 4189.00 ft (KB) To 4318.00 ft (KB) (TVD)

Total Depth: 4318.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 3134.00 ft (KB)

3129.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8018

Inside

Press@RunDepth: 1118.82 psig @ 4191.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.01.02

End Date:

2011.01.02

Last Calib.:

2011.01.02

Start Time: 05:24:05

End Time:

16:48:30

Time On Btm:

2011.01.02 @ 08:51:50

Time Off Btm:

2011.01.02 @ 12:43:39

TEST COMMENT:

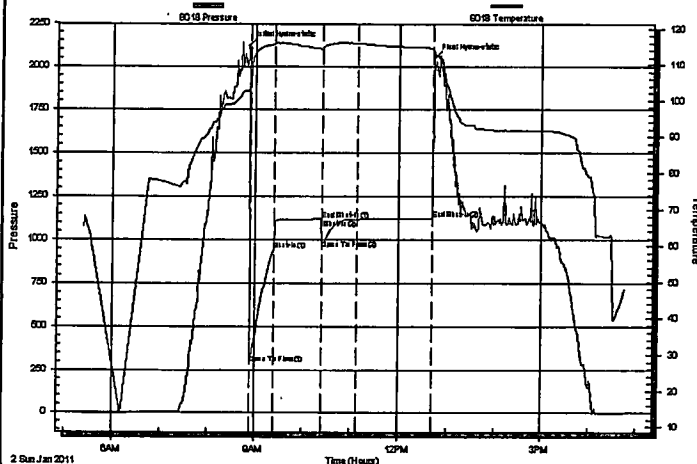
IF: B.O.B. @ 1 min.

IS: Surface return @ 15 min. died @ 30 min.

FF: B.O.B. @ 1 1/2 min.

FS: No return

Pressure vs. Time



PRESSURE SUMMARY

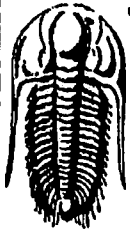
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2122.49	102.81	Initial Hydro-static
3	285.84	104.33	Open To Flow (1)
33	944.89	115.72	Shut-In(1)
92	1119.25	114.38	End Shut-In(1)
93	946.90	114.30	Open To Flow (2)
137	1118.82	115.93	Shut-In(2)
230	1120.20	114.65	End Shut-In(2)
232	2053.09	113.14	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	RW:270 @ 50 Degrees F = 35000PPM	0.00
126.00	MW 25m 75w	1.77
2246.00	MW 10m 90w Circulated out	31.51
163.00	VM 15%W 85%M	2.29

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Raymond Oil Co. Inc

HD Schmidt #1

PO Box 48788
Wichita, KS 67201

11-20-35 Wichita KS

Job Ticket: 040575

DST#: 1

ATTN: Max Lovely

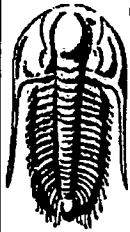
Test Start: 2011.01.02 @ 05:24:00

Tool Information

Drill Pipe:	Length: 4187.00 ft	Diameter: 3.80 inches	Volume: 58.73 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: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 90000.00 lb
			<u>Total Volume: 58.73 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	25.50 ft			String Weight: Initial 62000.00 lb
Depth to Top Packer:	4189.00 ft			Final 72000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	129.00 ft			
Tool Length:	156.50 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:
RW .270 @ @ 50F = 35000 ppm chlorides

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4162.50	
Shut In Tool	5.00			4167.50	
Hydraulic tool	5.00			4172.50	
Jars	5.00			4177.50	
Safety Joint	2.50			4180.00	
Packer	5.00			4185.00	27.50 Bottom Of Top Packer
Packer	4.00			4189.00	
Stubb	1.00			4190.00	
Perforations	1.00			4191.00	
Recorder	0.00	8018	Inside	4191.00	
Recorder	0.00	6751	Outside	4191.00	
Perforations	29.00			4220.00	
Change Over Sub	1.00			4221.00	
Drill Pipe	93.00			4314.00	
Change Over Sub	1.00			4315.00	
Bullnose	3.00			4318.00	129.00 Bottom Packers & Anchor
Total Tool Length:	156.50				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Raymond Oil Co. Inc

HD Schmidt #1

PO Box 48788
Wichita, KS 67201

11-20-35 Wichita KS

Job Ticket: 040575

DST#: 1

ATTN: Max Lovely

Test Start: 2011.01.02 @ 05:24:00

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:

35000 ppm

Viscosity: 50.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.56 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 4200.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
0.00	RW: .270 @ 50 Degrees F = 35000PPM	0.000
126.00	MW 25m 75w	1.767
2246.00	MW 10m 90w Circulated out	31.505
163.00	WM 15%W 85%M	2.286

Total Length: 2535.00 ft

Total Volume: 35.558 bbl

Num Fluid Samples: 0

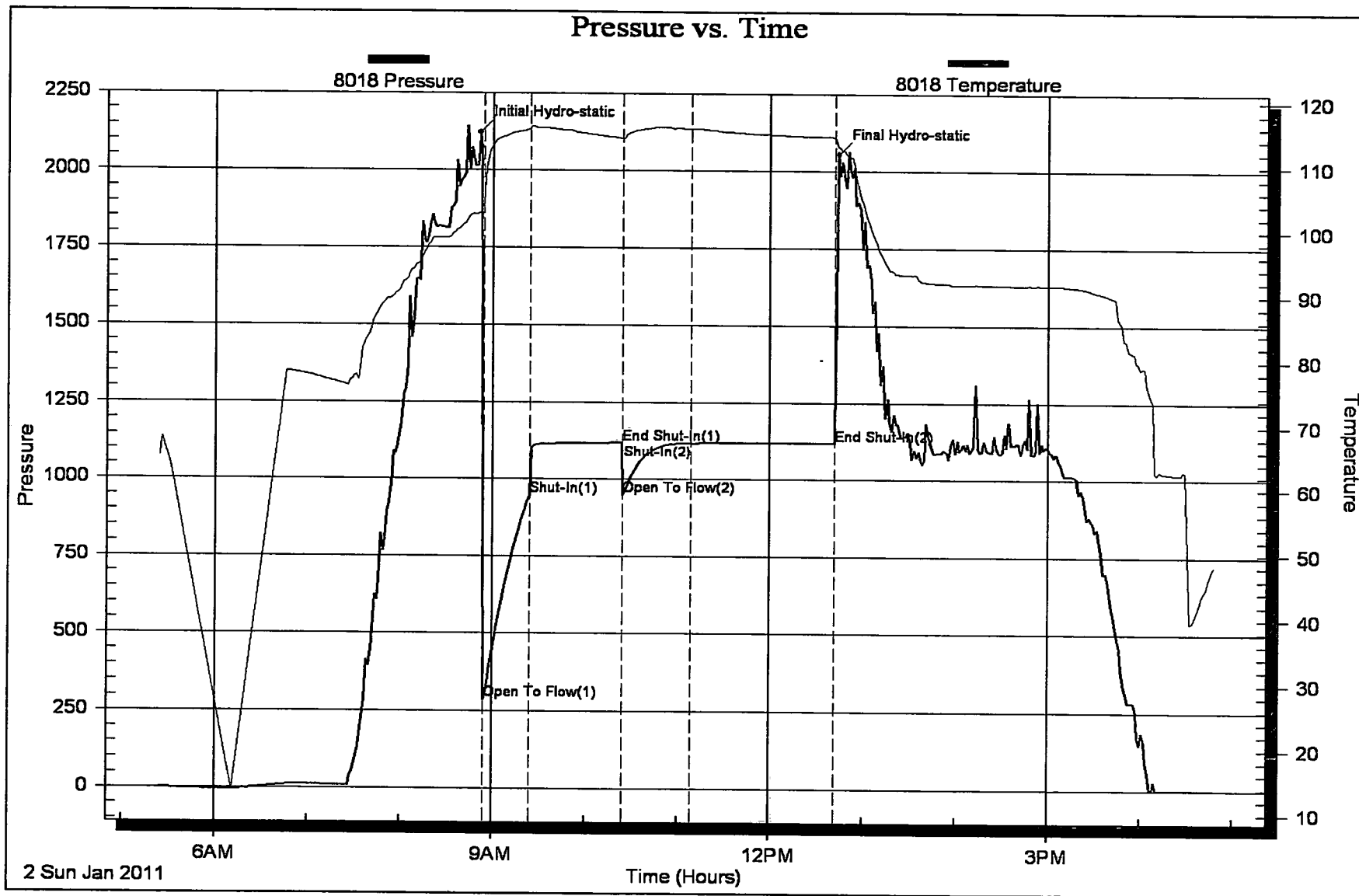
Num Gas Bombs: 0

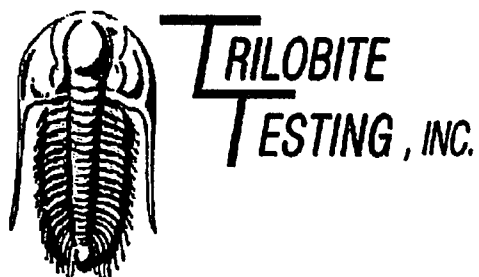
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





DRILL STEM TEST REPORT

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

PO Box 48788
Wichita, KS 67201

ATTN: Max Lovely

11-20-35 Wichita KS

HD Schmidt #1

Start Date: 2011.01.04 @ 08:35:00

End Date: 2011.01.04 @ 16:38:39

Job Ticket #: 040626 DST #: 2

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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

Raymond Oil Co. Inc

HD Schmidt #1

11-20-35 Wichita KS

DST # 2

Pawnee

2011.01.04



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Raymond Oil Co. Inc

HD Schmidt #1

PO Box 48788
Wichita, KS 67201

11-20-35 Wichita KS

Job Ticket: 040626

DST#: 2

ATTN: Max Lovely

Test Start: 2011.01.04 @ 08:35:00

GENERAL INFORMATION:

Formation: Pawnee
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 10:57:00
Time Test Ended: 16:38:39

Test Type: Conventional Bottom Hole
Tester: Chuck Smith
Unit No: 37

Interval: 4575.00 ft (KB) To 4620.00 ft (KB) (TVD)
Total Depth: 4620.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 3134.00 ft (KB)
3129.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 6751

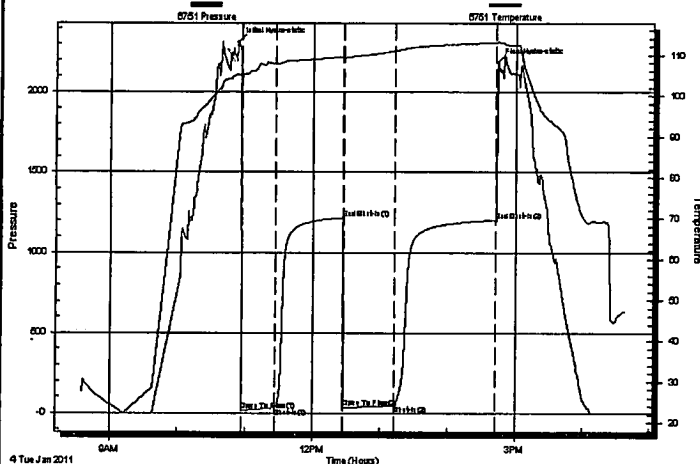
Outside

Press@RunDepth: 47.25 psig @ 4578.00 ft (KB)
Start Date: 2011.01.04 End Date: 2011.01.04
Start Time: 08:35:05 End Time: 16:38:40

Capacity: 8000.00 psig
Last Calib.: 2011.01.04
Time On Btm: 2011.01.04 @ 10:53:10
Time Off Btm: 2011.01.04 @ 14:44:09

TEST COMMENT: IF: 3" Blow.
IS: Surface return throughout.
FF: 4" Blow.
FS: Surface return throughout.

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2312.92	105.18	Initial Hydro-static
4	16.36	103.92	Open To Flow (1)
34	33.42	107.87	Shut-In(1)
94	1217.43	109.58	End Shut-In(1)
94	35.57	109.28	Open To Flow (2)
140	47.25	111.06	Shut-In(2)
230	1203.84	113.15	End Shut-In(2)
231	2184.79	113.20	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
70.00	OCM 3o 97m	0.98

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Raymond Oil Co. Inc

HD Schmidt #1

PO Box 48788
Wichita, KS 67201

11-20-35 Wichita KS

Job Ticket: 040626

DST#: 2

ATTN: Max Lovely

Test Start: 2011.01.04 @ 08:35:00

Tool Information

Drill Pipe:	Length: 4571.00 ft	Diameter: 3.80 inches	Volume: 64.12 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: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 75000.00 lb
			<u>Total Volume: 64.12 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	23.50 ft			String Weight: Initial 68000.00 lb
Depth to Top Packer:	4575.00 ft			Final 68000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	45.00 ft			
Tool Length:	72.50 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			4548.50	
Shut In Tool	5.00			4553.50	
Hydraulic tool	5.00			4558.50	
Jars	5.00			4563.50	
Safety Joint	2.50			4566.00	
Packer	5.00			4571.00	27.50 Bottom Of Top Packer
Packer	4.00			4575.00	
Stubb	1.00			4576.00	
Perforations	2.00			4578.00	
Recorder	0.00	8018	Inside	4578.00	
Recorder	0.00	6751	Outside	4578.00	
Perforations	5.00			4583.00	
Change Over Sub	1.00			4584.00	
Drill Pipe	32.00			4616.00	
Change Over Sub	1.00			4617.00	
Bullnose	3.00			4620.00	45.00 Bottom Packers & Anchor
Total Tool Length:	72.50				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Raymond Oil Co. Inc

HD Schmidt #1

PO Box 48788
Wichita, KS 67201

11-20-35 Wichita KS

Job Ticket: 040626

DST#: 2

ATTN: Max Lovely

Test Start: 2011.01.04 @ 08:35:00

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: 49.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.16 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 4500.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
70.00	OCM 3o 97m	0.982

Total Length: 70.00 ft

Total Volume: 0.982 bbl

Num Fluid Samples: 0

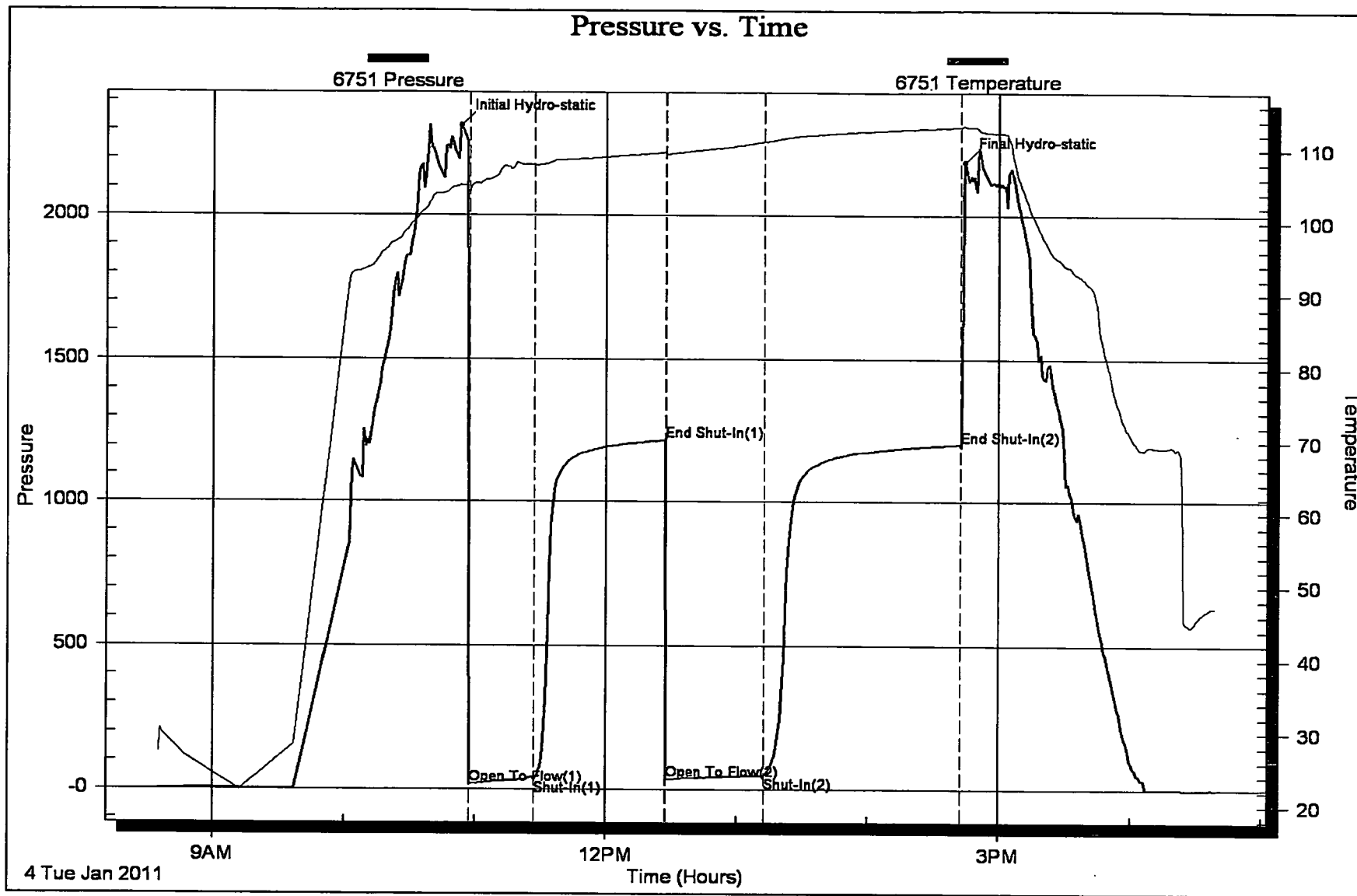
Num Gas Bombs: 0

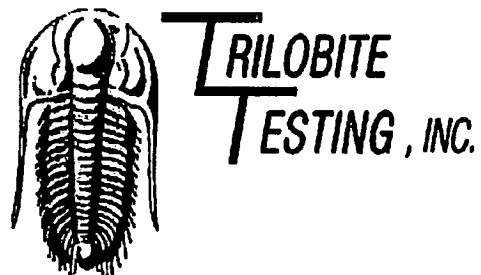
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





DRILL STEM TEST REPORT

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

PO Box 48788
Wichita, KS 67201

ATTN: Max Lovely

11-20-35 Wichita KS

HD Schmidt #1

Start Date: 2011.01.05 @ 03:59:00

End Date: 2011.01.05 @ 11:42:20

Job Ticket #: 040627 DST #: 3

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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

Raymond Oil Co. Inc

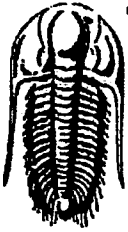
HD Schmidt #1

11-20-35 Wichita KS

DST # 3

Myric St./Fl. Scott

2011.01.05



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Raymond Oil Co. Inc

PO Box 48788
Wichita, KS 67201

ATTN: Max Lovely

HD Schmidt #1

11-20-35 Wichita KS

Job Ticket: 040627 DST#: 3

Test Start: 2011.01.05 @ 03:59:00

GENERAL INFORMATION:

Formation: **Myric St./Ft. Scott**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 05:58:10
 Time Test Ended: 11:42:20

Test Type: Conventional Bottom Hole
 Tester: Chuck Smith
 Unit No: 37

Interval: **4616.00 ft (KB) To 4665.00 ft (KB) (TVD)**
 Total Depth: 4665.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 3134.00 ft (KB)
 3129.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 6751

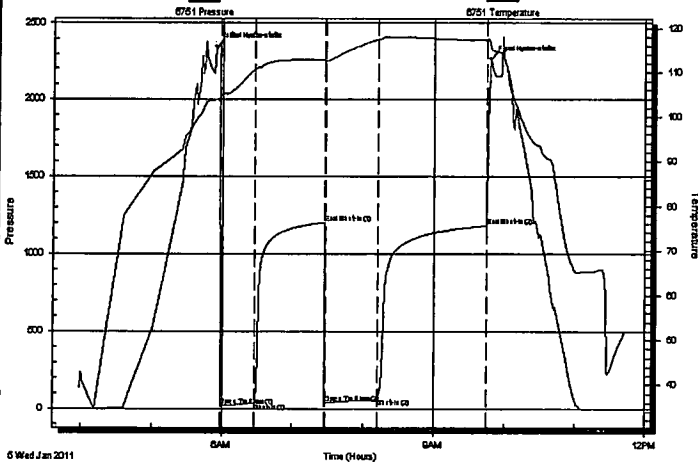
Outside

Press@RunDepth: 66.88 psig @ 4618.00 ft (KB)
 Start Date: 2011.01.05 End Date: 2011.01.05
 Start Time: 03:59:05 End Time: 11:42:20

Capacity: 8000.00 psig
 Last Calib.: 2011.01.05
 Time On Btm: 2011.01.05 @ 05:54:10
 Time Off Btm: 2011.01.05 @ 09:47:39

TEST COMMENT: IF: 5" Blow.
 IS: No return.
 FF: 4" Blow.
 FS: No return.

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2347.61	103.82	Initial Hydro-static
4	19.35	103.47	Open To Flow (1)
34	38.80	110.56	Shut-In(1)
94	1204.14	112.78	End Shut-In(1)
94	41.41	112.39	Open To Flow (2)
139	66.88	117.42	Shut-In(2)
231	1183.21	117.21	End Shut-In(2)
234	2268.55	115.45	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
110.00	MW 15m 85w	1.54
1.00	O 100o	0.01

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Raymond Oil Co. Inc

HD Schmidt #1

PO Box 48788
Wichita, KS 67201

11-20-35 Wichita KS

Job Ticket: 040627

DST#: 3

ATTN: Max Lovely

Test Start: 2011.01.05 @ 03:59:00

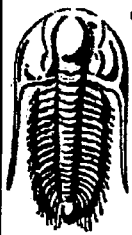
Tool Information

Drill Pipe:	Length: 4612.00 ft	Diameter: 3.80 inches	Volume: 64.69 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: 28000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 100000.0 lb
			<u>Total Volume: 64.69 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	23.50 ft			String Weight: Initial 68000.00 lb
Depth to Top Packer:	4616.00 ft			Final 69000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	49.00 ft			
Tool Length:	76.50 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			4589.50	
Shut In Tool	5.00			4594.50	
Hydraulic tool	5.00			4599.50	
Jars	5.00			4604.50	
Safety Joint	2.50			4607.00	
Packer	5.00			4612.00	27.50 Bottom Of Top Packer
Packer	4.00			4616.00	
Stubb	1.00			4617.00	
Perforations	1.00			4618.00	
Recorder	0.00	8018	Inside	4618.00	
Recorder	0.00	6751	Outside	4618.00	
Perforations	10.00			4628.00	
Change Over Sub	1.00			4629.00	
Drill Pipe	32.00			4661.00	
Change Over Sub	1.00			4662.00	
Bullnose	3.00			4665.00	49.00 Bottom Packers & Anchor
Total Tool Length:	76.50				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Raymond Oil Co. Inc

HD Schmidt #1

PO Box 48788
Wichita, KS 67201

11-20-35 Wichita KS

Job Ticket: 040627

DST#: 3

ATTN: Max Lovely

Test Start: 2011.01.05 @ 03:59:00

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:

41000 ppm

Viscosity: 51.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.78 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
110.00	MW 15m 85w	1.543
1.00	O 100o	0.014

Total Length: 111.00 ft Total Volume: 1.557 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Tool slid 8 feet. RW .22 W 50F = 41000 chlorides

