



Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION 1238295  
OIL & GAS CONSERVATION DIVISION

Form ACO-1  
August 2013

Form must be Typed  
Form must be Signed  
All blanks must be Filled

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
- Plug Back       Conv. to GSW       Conv. to Producer
- 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

GPS Location: Lat: \_\_\_\_\_, Long: \_\_\_\_\_  
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum:  NAD27       NAD83       WGS84

County: \_\_\_\_\_

Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Field Name: \_\_\_\_\_

Producing Formation: \_\_\_\_\_

Elevation: Ground: \_\_\_\_\_ Kelly Bushing: \_\_\_\_\_

Total Vertical 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

- Confidentiality Requested  
Date: \_\_\_\_\_
- Confidential Release Date: \_\_\_\_\_
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT  I  II  III Approved by: \_\_\_\_\_ Date: \_\_\_\_\_



1238295

Operator Name: \_\_\_\_\_ Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West County: \_\_\_\_\_

**INSTRUCTIONS:** Show important tops 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.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

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  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
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

Did you perform a hydraulic fracturing treatment on this well?  Yes  No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons?  Yes  No *(If No, skip question 3)*

Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry?  Yes  No *(If No, fill out Page Three of the ACO-1)*

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: <input type="checkbox"/> Yes <input type="checkbox"/> No
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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 <i>(Explain)</i> _____
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Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

<b>DISPOSITION OF GAS:</b> <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<b>METHOD OF COMPLETION:</b> <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> _____	<b>PRODUCTION INTERVAL:</b> _____ _____
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# QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Home Office P.O. Box 32 Russell, KS 67665

No. 841

Phone 785-483-2025

Cell 785-324-1041

Date	11-11-2014	Sec.	12	Twp.	20	Range	24	County	GRAHAM Kansas	State		On Location		Finish	1:30 PM
Location													Penokee KS. 3w 1 1/2 x 1 E 1/4 N		

Lease	GODDARD		Well No.	1	Owner	To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.									
Contractor	ROYAL DRLG RIG #1		"Doing"		Charge To	JASON OIL CO. INC.									
Type Job	PRODUCTION STRING														
Hole Size	7 7/8		R.T.D.	3958	Street										
Csg.	5 1/2 NEW		Depth	3946'	City	State									
Tbg. Size	15.50 #		Depth		The above was done to satisfaction and supervision of owner agent or contractor.										
Tool	LATCH DOWN PLUG		Shoe Joint	42.41	Cement Amount Ordered	200 SX 10% SALT 5% GILSONITE									
Cement Left in Csg.	42.41		Displace	93 / BBL	500 GAL MUD-CLR										

**EQUIPMENT**

Pumptrk	18	No.	Cementer	GERRY GIZ
			Helper	CODY BR
Bulktrk	4	No.	Driver	RYAN M.
			Driver	
Bulktrk		No.	Driver	
			Driver	

**JOB SERVICES & REMARKS**

Remarks:

Rat Hole 30 SX

Mouse Hole 15 SX

Centralizers 1, 3, 5, 7, 9, 44

Baskets 43

D/V of Port Collar #43 JT. @ 2100 FT

Set 5 1/2 csg @ 3946'

Recieve CIRCULATION DROP "AFU" BALL

CIRCULATE 45 minutes ON BOTTOM.

Pump Mud-Flush. Cement Ret-Mouse

Mixed 155 SX Com. 10% SALT, 5% GILSONITE

Clear Line, Release LATCH DN. PLUG.

Displace 93 / BBL H<sub>2</sub>O

LAND Plug @ 1500 #

Release Pressure of AFU-Plug (Held)

**FLOAT EQUIPMENT**

Guide Shoe

Centralizer X 6 TURBO

Baskets X 1

AFU Inserts

Float Shoe X 1

Latch Down X 1

PORT COLLAR X 1

Pumptrk Charge

Mileage

THANKS!

Tax	
Discount	
Total Charge	

X 10 B...

# QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025  
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 838

Date	Sec.	Twp.	Range	County	State	On Location	Finish
11-5-2014	33	7	24	GRAHAM	KANSAS		6:00 PM
Lease				Location		Finish	
GODDARD				PENOKEE KS. 3W (RD 170) 2A (RD'S)		1 E 1/4 N INTO	
Well No. 1				Owner		To Quality Oilwell Cementing, Inc.	
Contractor Royal DELG Rig #1				You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.			
Type Job Cement Surface				Charge To		JASON OIL CO. LLC.	
Hole Size 12 1/4		T.D. 260'		Street			
Csg. 8 5/8 NEW		Depth 260'		City		State	
Tbg. Size 23# csg.		Depth		City		State	
Tool		Depth		The above was done to satisfaction and supervision of owner agent or contractor.			
Cement Left in Csg. 15'		Shoe Joint		Cement Amount Ordered		170 sx Com	
Meas Line		Displace 15.60/BBL		3% cc 2.2% GEL			
<b>EQUIPMENT</b>				<b>Common</b>			
Pumptrk 18	No.	Cement Helper	GLANN G.	Poz. Mix			
Bulktrk 21	No.	Driver	CODY B.	Gel.			
Bulktrk	No.	Driver	TYSON S.	Calcium			
<b>JOB SERVICES &amp; REMARKS</b>				<b>Hulls</b>			
Remarks:				Salt			
Rat Hole				Flowseal			
Mouse Hole				Kol-Seal			
Centralizers				Mud CLR 48			
Baskets				CFL-117 or CD110 CAF 38			
D/V or Port Collar				Sand			
SET @ 260'				Handling			
Recieve Circ.				Mileage			
Cement w/ 170 SX Com 3+2				<b>FLOAT EQUIPMENT</b>			
Displace 15 1/2 BBL H <sub>2</sub> O				Guide Shoe			
SHUT IN @ 250 #				Centralizer			
Cement Did Circulate				Baskets			
THANKS!				AFU Inserts			
				Float Shoe			
				Latch Down			
Signature				Pumptrk Charge			
				Mileage			
				Tax			
				Discount			
				Total Charge			

**OPERATOR**

Company: JASON OIL COMPANY, LLC  
 Address: 3718 83RD ST  
 P.O. BOX 701  
 RUSSELL, KS 67665  
 Contact Geologist: AMBER MORESCO  
 Contact Phone Nbr: (785) 483-1071  
 Well Name: GODDARD #1  
 Location: NW SE SW SW Sec. 33 - 7S - 24W  
 API: 15-065-24076-00-00  
 Pool: NANA NORTHWEST  
 State: KANSAS  
 Field: NANA NORTHWEST  
 Country: USA

**Scale 1:240 Imperial**

Well Name: GODDARD #1  
 Surface Location: NW SE SW SW Sec. 33 - 7S - 24W  
 Bottom Location:  
 API: 15-065-24076-00-00  
 License Number: 33813  
 Spud Date: 11/5/2014 Time: 5:15 PM  
 Region: GRAHAM COUNTY KANSAS  
 Drilling Completed: 11/10/2014 Time: 1:03 PM  
 Surface Coordinates: 570' FSL & 800' FWL  
 Bottom Hole Coordinates:  
 Ground Elevation: 2437.00ft  
 K.B. Elevation: 2442.00ft  
 Logged Interval: 3250.00ft To: 3958.00ft  
 Total Depth: 3958.00ft  
 Formation: LANSING - KANSAS CITY  
 Drilling Fluid Type: FRESH WATER / CHEMICAL GEL

**SURFACE CO-ORDINATES**

Well Type: Vertical  
 Longitude: -100.0095519  
 Latitude: 39.3944982  
 N/S Co-ord: 570' FSL  
 E/W Co-ord: 800' FWL

**LOGGED BY**

Company: BIG CREEK CONSULTING, INC.  
 Address: 1909 MAPLE  
 ELLIS, KS 67637  
 Phone Nbr: (785) 259-3737  
 Logged By: Geologist Name: JEFF LAWLER

**CONTRACTOR**

Contractor: ROYAL DRILLING, INC.  
 Rig #: 1  
 Rig Type: MUD ROTARY  
 Spud Date: 11/5/2014 Time: 5:15 PM  
 TD Date: 11/10/2014 Time: 1:03 PM  
 Rig Release: 11/11/2014 Time: 12:00 PM

**ELEVATIONS**

K.B. Elevation: 2442.00ft Ground Elevation: 2437.00ft  
 K.B. to Ground: 5.00ft

**NOTES**

DUE TO ECONOMICAL RECOVERY ON DST #2 OPERATOR MADE THE DECISION TO RUN 5 1/2" PRODUCTION CASING AND FURTHER EVALUATE ZONES OF INTEREST WITH PERFORATION.


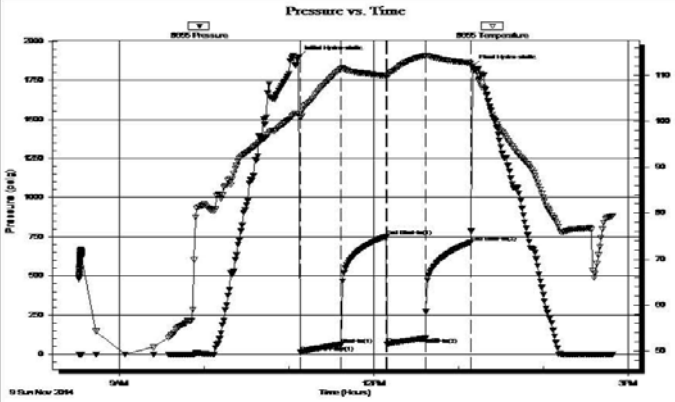
RESPECTFULLY SUBMITTED,

JEFF LAWLER

**WELL COMPARISON SHEET**

	EOR P&A 7-88												●				☒				☒						
	CITY SERVICES												JASON OIL COMPANY, LLC				BENSON, MONTIN, & HALL				GLACIER PETROLEUM CO, INC						
	GOFF #1												JOHN GODDARD #1				PARKS #1				GODDARD #1						
	GODDARD #1												SW SW SW 33-7-24				SW NW NW 4-8-24				SE SE NW 4-8-24				SW NE SW 33-7-24		
	KB	2442	GL	2437	KB	2449	KB	2394	KB	2401	KB	2469	KB	2469	KB	2469	KB	2469	KB	2469							
	LOG TOPS		SAMPLE TOPS		COMP. CARD		LOG	SMPL.	LOGS		LOG	SMPL.	COMP. CARD		LOG	SMPL.	COMP. CARD		LOG	SMPL.							
FORMATION	DEPTH	DATUM	DEPTH	DATUM	DEPTH	DATUM	CORR.	CORR.	DEPTH	DATUM	CORR.	CORR.	DEPTH	DATUM	CORR.	CORR.	DEPTH	DATUM	CORR.	CORR.							
ANHYDRITE TOP	2104	338	2108	334	2107	342	- 4	- 8	2053	341	- 3	- 7	2065	336	+ 2	- 2	2141	328	+ 10	+ 6							
BASE	2138	304	2147	295					2083	311	- 7	- 16	2090	311	- 7	- 16											
TOPEKA	3471	-1029	3473	-1031					3413	-1019	- 10	- 12					3509	-1040	+ 11	+ 9							
HEEBNER	3676	-1234	3680	-1238	3675	-1226	- 8	- 12	3618	-1224	- 10	- 14	3645	-1244	+ 10	+ 6	3724	-1255	+ 21	+ 17							
TORONTO	3699	-1257	3705	-1263	3699	-1250	- 7	- 13	3642	-1248	- 9	- 15															
LKC	3711	-1269	3719	-1277	3712	-1263	- 6	- 14	3654	-1260	- 9	- 17	3662	-1261	- 8	- 16	3766	-1297	+ 28	+ 20							
BKC	3922	-1480	3922	-1480					3855	-1461	- 19	- 19	3884	-1483	+ 3	+ 3											
TOTAL DEPTH	3957	-1515	3958	-1516	3935	-1486	- 29	- 30	3898	-1504	- 11	- 12	3915	-1514	- 1	- 2	3975	-1506	- 9	- 10							

**DST #1 LKC D - F 3767' - 3800'**

 <p><b>TRILOBITE TESTING, INC.</b></p>	<p><b>DRILL STEM TEST REPORT</b></p>																																					
	<p>Jason Oil Company, LLC</p> <p>3718 83rd St PO Box 701 Russell, KS 67665 ATTN: Jeff Lawler</p>	<p><b>33-7S-24W Graham, KS</b></p> <p><b>Goddard #1</b></p> <p>Job Ticket: 58406      <b>DST#: 1</b></p> <p>Test Start: 2014.11.09 @ 08:31:17</p>																																				
<p><b>GENERAL INFORMATION:</b></p> <p>Formation: <b>KC "D-F"</b></p> <p>Deviated: No Whipstock: ft (KB)</p> <p>Time Tool Opened: 11:07:47</p> <p>Time Test Ended: 14:48:47</p> <p>Interval: <b>3767.00 ft (KB) To 3800.00 ft (KB) (TVD)</b></p> <p>Total Depth: 3800.00 ft (KB) (TVD)</p> <p>Hole Diameter: 7.88 inches Hole Condition: Fair</p> <p>Reference Elevations: 2442.00 ft (KB) 2437.00 ft (CF)</p> <p>KB to GR/CF: 5.00 ft</p>																																						
<p><b>Serial #: 8655      Outside</b></p> <p>Press@RunDepth: 103.04 psig @ 3768.00 ft (KB)</p> <p>Start Date: 2014.11.09      End Date: 2014.11.09</p> <p>Start Time: 08:31:18      End Time: 14:48:47</p> <p>Capacity: 8000.00 psig</p> <p>Last Calib.: 2014.11.09</p> <p>Time On Btm: 2014.11.09 @ 11:06:47</p> <p>Time Off Btm: 2014.11.09 @ 13:09:47</p>																																						
<p><b>TEST COMMENT:</b> 30- IF- BOB 26mins 30- IS- No blow 30- FF- Slowly built to 8.5" 30- FS- No blow</p>																																						
	<p><b>PRESSURE SUMMARY</b></p> <table border="1"> <thead> <tr> <th>Time (Min.)</th> <th>Pressure (psig)</th> <th>Temp (deg F)</th> <th>A annotation</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>1897.77</td> <td>101.71</td> <td>Initial Hydro-static</td> </tr> <tr> <td>1</td> <td>13.50</td> <td>100.83</td> <td>Open To Flow (1)</td> </tr> <tr> <td>30</td> <td>62.72</td> <td>111.41</td> <td>Shut-in(1)</td> </tr> <tr> <td>62</td> <td>753.30</td> <td>109.95</td> <td>End Shut-In(1)</td> </tr> <tr> <td>63</td> <td>64.84</td> <td>109.91</td> <td>Open To Flow (2)</td> </tr> <tr> <td>90</td> <td>103.04</td> <td>114.26</td> <td>Shut-In(2)</td> </tr> <tr> <td>122</td> <td>713.66</td> <td>112.66</td> <td>End Shut-In(2)</td> </tr> <tr> <td>123</td> <td>1841.72</td> <td>111.41</td> <td>Final Hydro-static</td> </tr> </tbody> </table>		Time (Min.)	Pressure (psig)	Temp (deg F)	A annotation	0	1897.77	101.71	Initial Hydro-static	1	13.50	100.83	Open To Flow (1)	30	62.72	111.41	Shut-in(1)	62	753.30	109.95	End Shut-In(1)	63	64.84	109.91	Open To Flow (2)	90	103.04	114.26	Shut-In(2)	122	713.66	112.66	End Shut-In(2)	123	1841.72	111.41	Final Hydro-static
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**ROCK TYPES**

-  Lmst fw7>
-  shale, grn
-  shale, gry
-  Carbon Sh
-  Shblk
-  shale, red



**ACCESSORIES**

**FOSSIL**

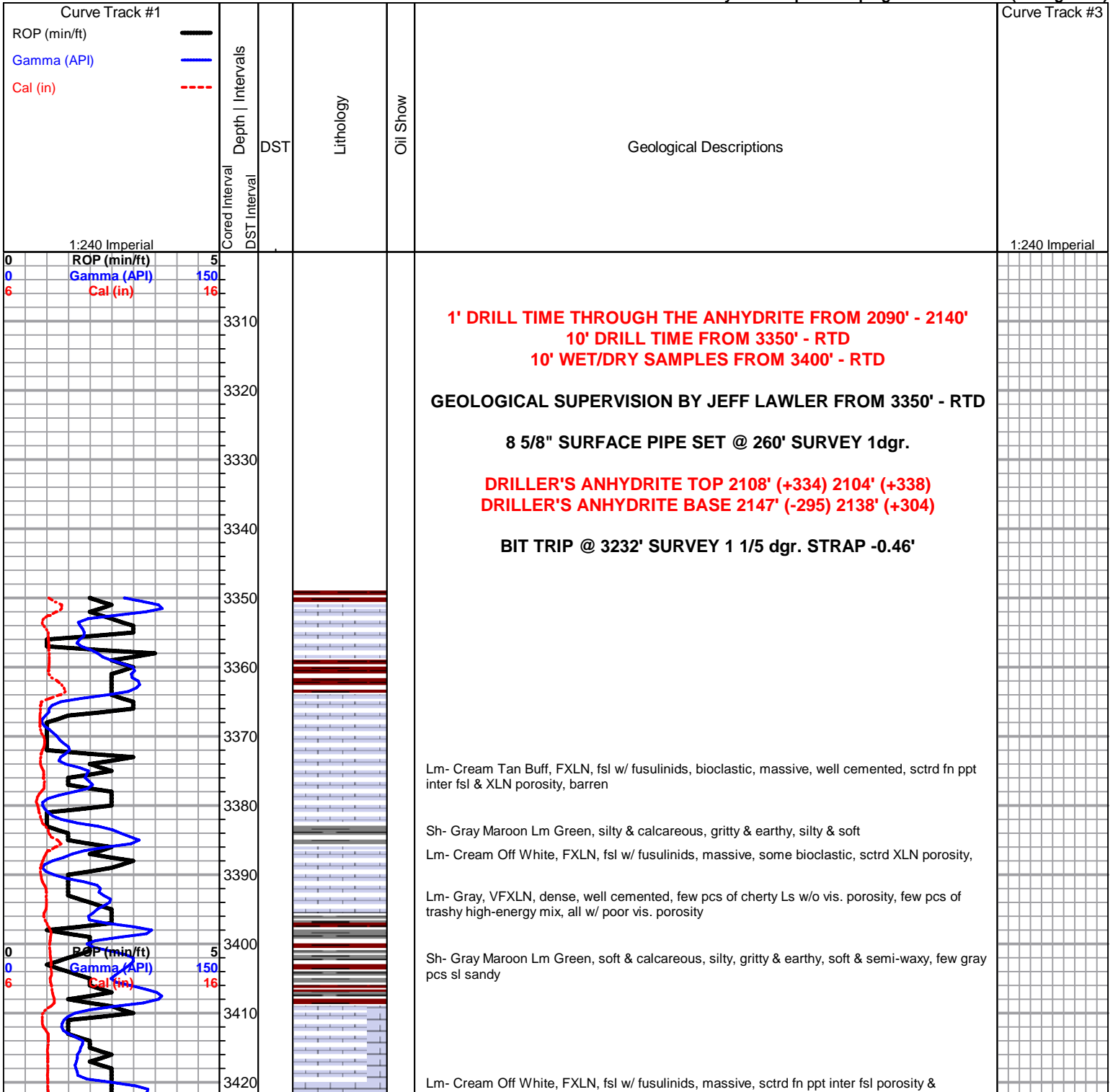
♢ Oolite

**OTHER SYMBOLS**

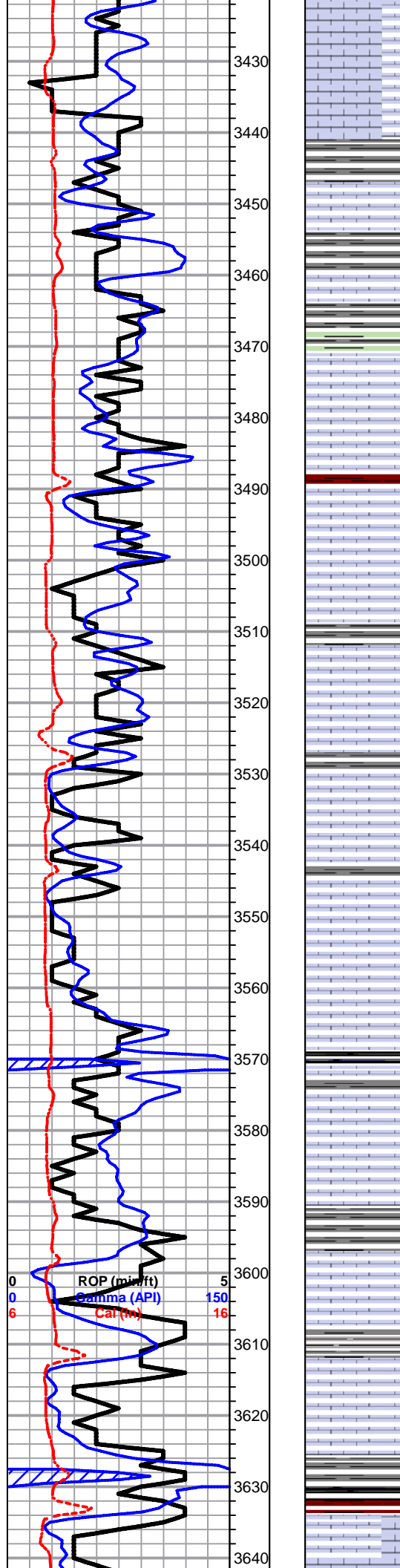
**DST**

-  DST Int
-  DST alt

Printed by GEOstrip VC Striplog version 4.0.8.15 (www.grsi.ca)







secondary reXLN porosity, barren

Lm- A/A w/ incr. in silty & calcareous shale & siltstone

Sh- Gray Lm Green, silty & calcareous, dense & waxy, some frosted and brown fn grn loosely cemented Ss clusters, well sorted & consolidated, barren

Sh- A/A w/ sl incr. in ss clusters & gritty & earthy maroon shale

Lm- Cream Gray, FXLN, fsl w/ few loose crinoids & fusulinids, poorly dev. w/ sctrd XLN porosity, barren

**TOPEKA 3473' (-1031) E-LOG 3471' (-1029)** Lm- Lt Gray, VFXLN, dense, well cemented & tight, trashy high-energy bioclastic

Lm- Cream Off White, VFXLN, gritty & grainy, poor vis. porosity, barren

Lm- Gray Buff, VFXLN, dense, well cemented, trashy high-energy bioclastic w/ poor vis. porosity, few silty mud supported matrix

Lm- Cream Tan, VF-FXLN, dense, well cemented, fsl & poorly dev. w/ sctrd XLN porosity, few densely fsl pcs w/ min. effective porosity, few pcs of fresh bedded mustard colored chert

Sh- Gray Purple, silty & soft, gritty & earthy

Lm- Cream Off White, VF-FXLN, dense, vry clean, mostly tight w/ poor vis. porosity, some soft white chalk, sl incr. in milky white fsl fresh bedded chert

Lm- Gray, VFXLN, dense, well cemented, trashy, dense micro XLN porosity

Lm- Cream Off White, FXLN, dense, massive, fsl & oolitic, poorly dev. w/ min, effective porosity, sctrd micro XLN & XLN porosity, barren

Lm- Cream Off White, FXLN, fsl & oolitic, poorly dev. w/ XLN porosity, min. effective porosity & secondary reXLN porosity, clear replacement cementation, few pcs of cream fsl fresh bedded chert & some soft white chalk

Lm- Cream Off White, FXLN, dense, massive, gritty & grainy w/ micro XLN porosity, vry clean

Sh- Black Gray Maroon, fissile, carbonaceous, silty & calcareous, gritty & earthy

Lm- Tan, VF-FXLN, dense, well cemented, semi-brittle, fsl, sctrd micro XLN & XLN porosity

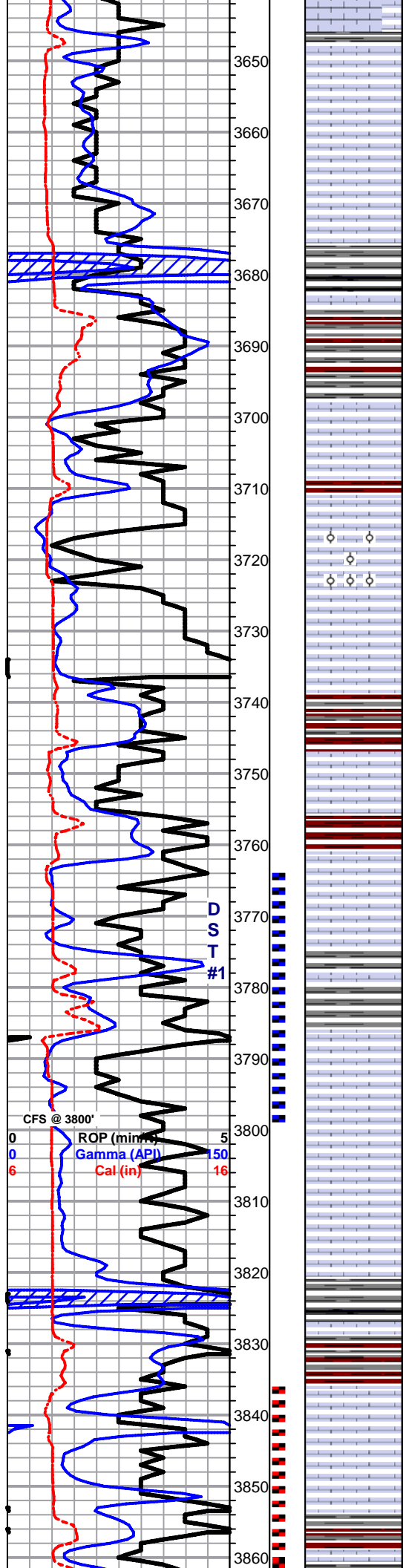
Sh- Gray Maroon, silty & soft, gritty & grainy, some semi-gummy wash

Lm- Cream Off White, FXLN, oolitic & fsl, mod. dev. w/ fn ppt inter oolite porosity, vry clean, barren

Sh- Gray Maroon Black, silty & soft, gritty & earthy, some dense black shale

Lm- Cream Off White, FXLN, fsl, well cemented, some massive, sctrd XLN & secondary reXLN porosity, vry clean

Sh- Black Gray Maroon, fissile, dense, carbonaceous, silty & soft, gritty & sl sandy



Lm- Tan, VFXLN, dense, vry well cemented & tight w/ sctrd XLN porosity

Lm- Cream Off White, FXLN, oolitic & fsl, massive, semi-granular, poor effective porosity, some clear replacement cementation, micro XLN & XLN porosity, barren

Lm- A/A w/ soft white chalk

Lm- Gray Buff, VFXLN, fsl, mostly tight w/ poor vis. & sctrd XLN porosity, few loose fusulinids

**HEEBNER 3680' (-1238) E-LOG 3676' (-1234)** Sh- Black Maroon, fissile & carbonaceous, gritty & earthy

Sh- Gray Maroon Brown, silty & soft, some sl calcareous, gritty & earthy

**TORONTO 3705' (-1263) E-LOG 3699' (-1257)** Lm- Cream Off White, VF-FXLN, dense, most loosely cemented & semi-crumbly, poor XLN porosity, some sl chalky in part, vry clean & barren

**LKC 3719' (-1277) E-LOG 3711' (-1269)** Lm- Cream Off White Mustard, VFXLN, mix of oolitic biomicrite & cherty Ls, all mostly w/o vis. porosity, clear replacement cementation, barren

Lm- Cream Off White, VFXLN, dense, well cemented, tight w/ min. micro XLN porosity, vry clean, some soft white chalk

Lm- Cream Off White, FXLN, oolitic, mod. dev. w/ sctrd ppt inter oolite porosity, some recrystallization w/in porosity, LT SCTRD STN, NO SFO, FR LT ODR

Lm- Cream Off White Milky White, mix of well dev. oolitic cluster w/ ppt interoolite porosity, some recrystallization w/in porosity, SCTRD DRK STN, TR FO W/ GSY BUBBLES UPON CRUSH, FR ODR, fresh bedded angular chert, clean & barren

Lm- Cream Off White, FXLN, oolitic, well dev. w/ consistent ppt inter oolite porosity, some recrystallization w/in porosity, DRK SCTRD STN, TR FO UPON CRUSH, FR-GD ODR, 2-3 PCS W/ SUB-SAT STN, several pcs of milky white fresh bedded chert

Lm- Cream Off White VF-FXLN, fsl, poorly dev. & mostly tight w/ sctrd XLN porosity, some soft white chalk, all clean & barren

Lm- Tan Cream, FXLN, dense, well cemented, gritty & grainy, sctrd-dense vry fn ppt porosity, SCTRD DRK STN, SL TR FO UPON CRUSH, FR ODR, milky white/gray chert

Lm- Cream Off White, FXLN, sl fsl, sctrd fn ppt inter fsl porosity, SCTRD LT STN, TR FO, FR ODR

Lm- Cream Off White, VFXLN, dense, well cemented, semi-brittle, tight w/ min. vis. porosity, some soft white chalk, all vry clean & barren

Lm- A/A w/ some Buff VFXLN, dense & tight w/ min. vis. porosity, few pcs of fresh bedded chert, all barren

Sh- Black Gray, fissile, dense & carbonaceous, silty & soft

Lm- Tan, VFXLN, sl fsl, trashy high-energy mix, tight w/ sctrd micro XLN porosity

Sh- Gray Maroon Lm Green, silty & soft, gritty & earthy, dense & waxy

Lm- Cream Off White, fsl w/ fusulinids, mod. dev. w/ sctrd ppt to small vuggy inter fsl porosity, some recrystallization w/in porosity, LT STN, NSFO, FR ODR, OILY SCUM ON TOP OF WET CUP

Lm- Buff Cream, VFXLN, dense, well cemented, mostly tight w/ min. vis. porosity, some soft white chalk, vry clean, barren

SHORT TRIP SURVEY 1 dgr.

DST #1  
LKC D - F  
3767' - 3800'

30-30-30-30

190' MW w OIL SHOW (60%W, 40%M)

IFFP: 14-63#  
FFP: 65-103#  
SIP: 753-714#

Rw: .14 @ 76 dgr.  
CHLOR: 50,000

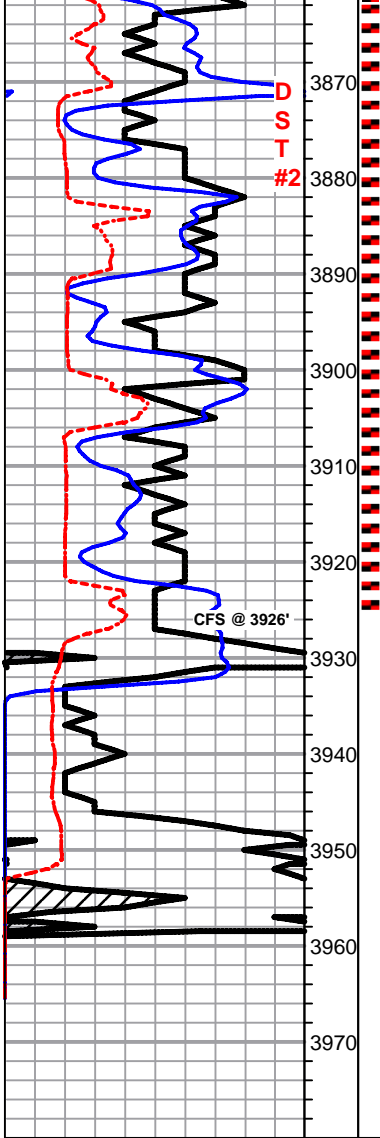
DST #2  
LKC H - L  
3836' - 3926'

30-45-30-45

55' GIP  
10' GSY OIL (10%G, 90%O)  
125' OCM (20%O, 80%M)  
65' GOWM (10%G, 15%O)

(10%AS, 15%O,  
25%N, 50%M)

IFP: 18-68#  
FFP: 73-102#  
SIP: 4520-418#  
HYD: 1906-1872#  
BHT: 112 dgr.  
Gr: 32



Sh- Maroon Gray, gritty & earthy, silty & soft, some sl pebbly

Lm- White Off White, VFXLN, dense vry fn ppt porosity, SCTRD LT STN, FAIR AMOUNT OF BLK DO STN, SL TR FO UPON CRUSH, WK ODR, FR AMOUNT OF FREE OIL FLOATING ON WET CUP

Sh- Gray Maroon, soft & silty, gritty & earthy

Lm- Cream Off White, FXLN, well dev. & oolitic w/ consistent ppt inter oolite porosity, EVEN DRK STN, FR SFO, HVY ODR, SMALL AMOUNT OF FREE OIL ON TOP OF WET CUP

Lm- Off White, FXLN, oolitic, well dev. w/ mostly consistent fn ppt inter oolite porosity throughout, SCTRD DRK STN, TR GSY BUBBLES UPON CRUSH, TR FO, WK-FR ODR

Sh- Maroon Gray, gritty & earthy, silty & calcareous

Lm- White Off White, VFXLN, dense, well cemented, mostly tight w/ sctrd XLN porosity, barren

**BKC 3922' (-1480) E-LOG 3922' (-1480)** Sh- Maroon Gray Lm Green, gritty & earthy, silty & calcareous, dense & semi-waxy

Lm- Cream Off White, VF-FXLN, dense, sl unconsolidated, sctrd XLN porosity, barren

Sh- Maroon Gray Lm Green, gritty & earthy, silty, some calcareous, dense & waxy, some sl pebbly

Sh- A/A

Lm- Cream Off White, FXLN, sl fsl, sl unconsolidated & chalky, sctrd XLN porosity, vry clean & barren

**RTD 3958' (-1516) LTD 3957' (-1515) @ 13:03 11/10/2014**

1st ATTEMPT TO  
LOG: HIT BRIDGE  
@ 3714'  
TIH CTCH  
FOR LOG



## DRILL STEM TEST REPORT

Prepared For: **Jason Oil Company, LLC**

PO Box 701  
Russell, KS 67665

ATTN: Jeff Lawler

### **Goddard #1**

#### **33-7s-24w Graham, KS**

Start Date: 2014.11.09 @ 08:31:17

End Date: 2014.11.09 @ 14:48:47

Job Ticket #: 58406                      DST #: 1

Trilobite Testing, Inc  
1515 Commerce Parkway Hays, KS 67601  
ph: 785-625-4778 fax: 785-625-5620

Printed: 2014.11.13 @ 11:36:08



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Jason Oil Company, LLC

**33-7s-24w Graham, KS**

PO Box 701  
Russell, KS 67665

**Goddard #1**

Job Ticket: 58406

**DST#: 1**

ATTN: Jeff Lawler

Test Start: 2014.11.09 @ 08:31:17

## GENERAL INFORMATION:

Formation: **KC "D-F"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 11:07:47

Time Test Ended: 14:48:47

Test Type: Conventional Bottom Hole (Initial)

Tester: Brannan Lonsdale

Unit No: 62

**Interval: 3767.00 ft (KB) To 3800.00 ft (KB) (TVD)**

Reference Elevations: 2442.00 ft (KB)

Total Depth: 3800.00 ft (KB) (TVD)

2437.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

**Serial #: 8655 Outside**

Press@RunDepth: 103.04 psig @ 3768.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.11.09

End Date:

2014.11.09

Last Calib.:

2014.11.09

Start Time: 08:31:18

End Time:

14:48:47

Time On Btm:

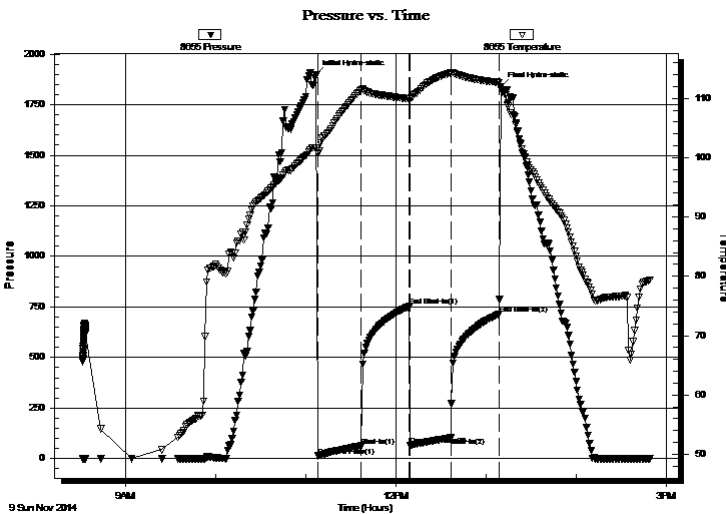
2014.11.09 @ 11:06:47

Time Off Btm:

2014.11.09 @ 13:09:47

**TEST COMMENT:** 30- IF- BOB 26 mins  
30- IS- No blow  
30- FF- Slowly built to 8 1/2"  
30- FS- No blow

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1897.77	101.71	Initial Hydro-static
1	13.50	100.83	Open To Flow (1)
30	62.72	111.41	Shut-In(1)
62	753.30	109.95	End Shut-In(1)
63	64.84	109.91	Open To Flow (2)
90	103.04	114.26	Shut-In(2)
122	713.66	112.66	End Shut-In(2)
123	1841.72	111.41	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
190.00	MW w / show of oil, 40%M 60%W	2.60

## Gas Rates

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





**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Jason Oil Company, LLC

**33-7s-24w Graham, KS**

PO Box 701  
Russell, KS 67665

**Goddard #1**

Job Ticket: 58406

**DST#: 1**

ATTN: Jeff Lawler

Test Start: 2014.11.09 @ 08:31:17

## Tool Information

Drill Pipe:	Length: 3765.00 ft	Diameter: 3.75 inches	Volume: 51.43 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: ft	Diameter: inches	Volume: - 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: 68000.00 lb
			<u>Total Volume: - bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	18.00 ft			String Weight: Initial 56000.00 lb
Depth to Top Packer:	3767.00 ft			Final 59000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	33.00 ft			
Tool Length:	53.00 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			3748.00	
Shut In Tool	5.00			3753.00	
Hydraulic tool	5.00			3758.00	
Packer	5.00			3763.00	20.00 Bottom Of Top Packer
Packer	4.00			3767.00	
Stubb	1.00			3768.00	
Recorder	0.00	8651	Inside	3768.00	
Recorder	0.00	8655	Outside	3768.00	
Perforations	29.00			3797.00	
Bullnose	3.00			3800.00	33.00 Bottom Packers & Anchor
<b>Total Tool Length:</b>	<b>53.00</b>				



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Jason Oil Company, LLC

**33-7s-24w Graham, KS**

PO Box 701  
Russell, KS 67665

**Goddard #1**

Job Ticket: 58406

**DST#: 1**

ATTN: Jeff Lawler

Test Start: 2014.11.09 @ 08:31:17

## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 8.00 lb/gal

Cushion Length:

ft

Water Salinity:

50000 ppm

Viscosity: 49.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.79 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 300.00 ppm

Filter Cake: inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
190.00	MW w / show of oil, 40%M 60%W	2.596

Total Length: 190.00 ft

Total Volume: 2.596 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

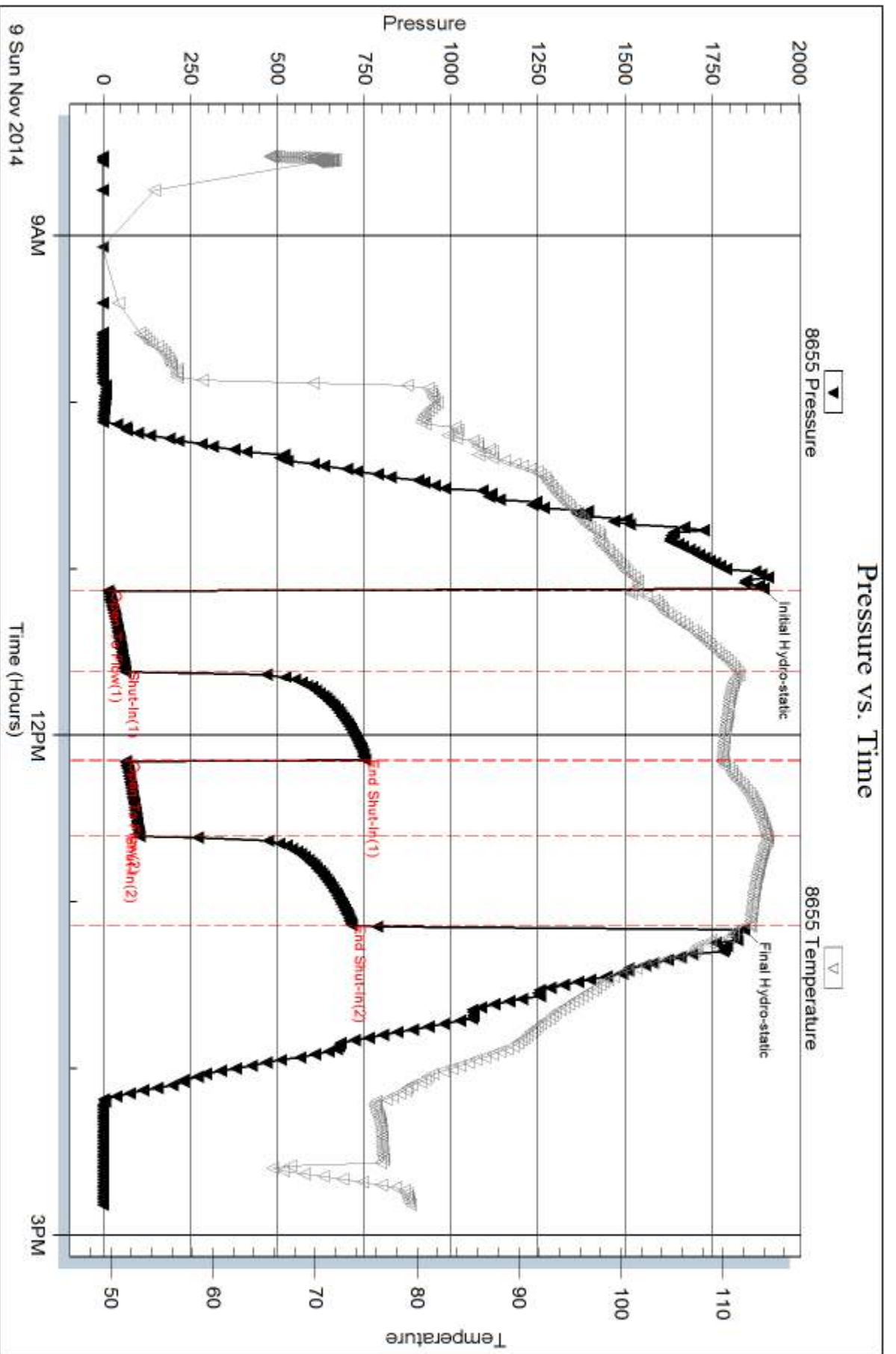
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





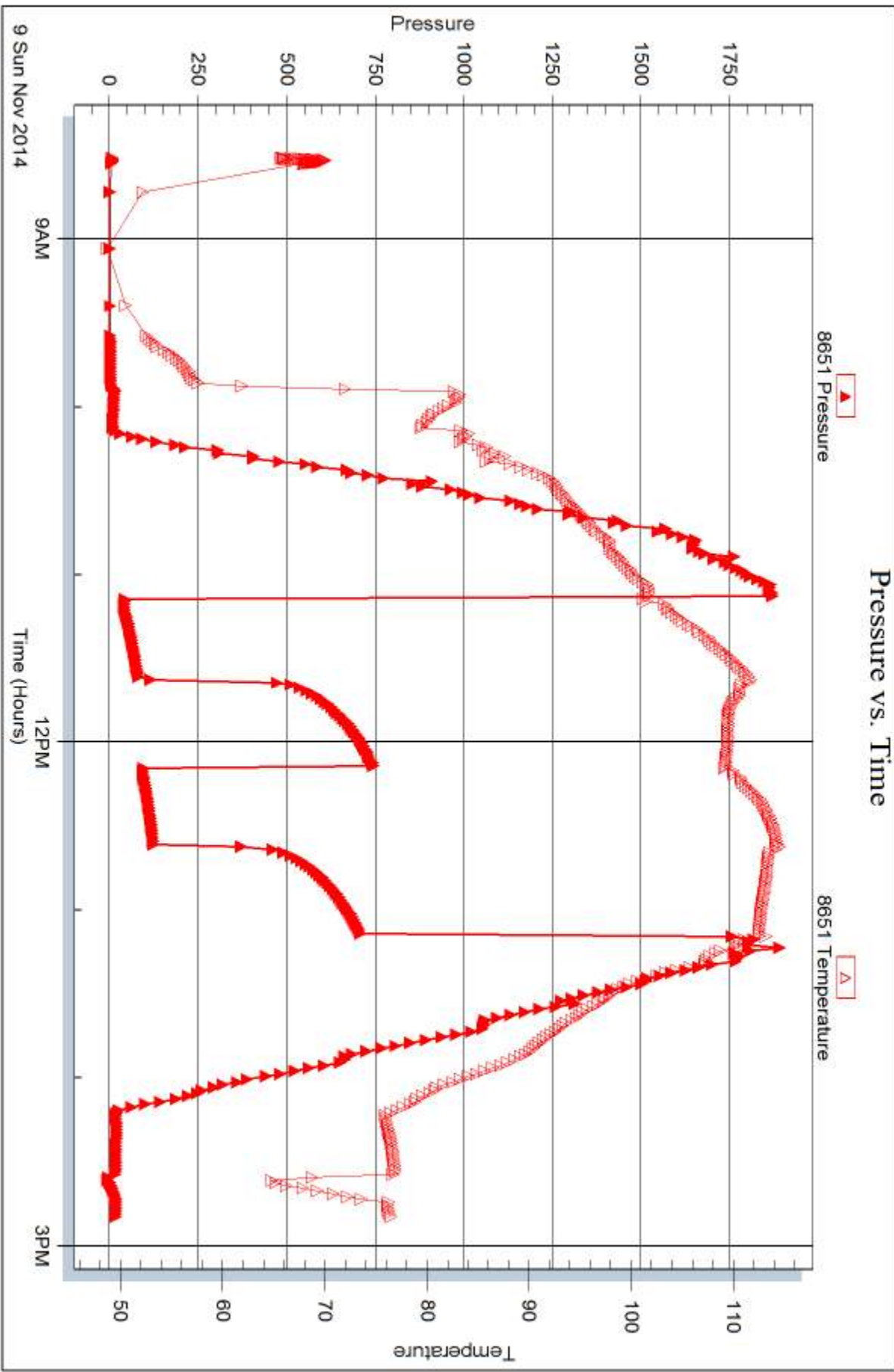
Serial #: 8651

Inside

Jason Oil Company, LLC

Goddard #1

DST Test Number: 1



Trilobite Testing, Inc

Ref. No: 58406

Printed: 2014.11.13 @ 11:36:09



## DRILL STEM TEST REPORT

Prepared For: **Jason Oil Company, LLC**

PO Box 701  
Russell, KS 67665

ATTN: Jeff Lawler

### **Goddard #1**

#### **33-7s-24w Graham, KS**

Start Date: 2014.11.10 @ 01:56:38

End Date: 2014.11.10 @ 08:57:08

Job Ticket #: 58407                      DST #: 2

Trilobite Testing, Inc  
1515 Commerce Parkway Hays, KS 67601  
ph: 785-625-4778 fax: 785-625-5620

Printed: 2014.11.13 @ 11:35:44



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Jason Oil Company, LLC

**33-7s-24w Graham, KS**

PO Box 701  
Russell, KS 67665

**Goddard #1**

Job Ticket: 58407

**DST#: 2**

ATTN: Jeff Lawler

Test Start: 2014.11.10 @ 01:56:38

## GENERAL INFORMATION:

Formation: **KC "H-L"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 04:21:38

Time Test Ended: 08:57:08

Test Type: Conventional Bottom Hole (Reset)

Tester: Brannan Lonsdale

Unit No: 62

**Interval: 3836.00 ft (KB) To 3926.00 ft (KB) (TVD)**

Reference Elevations: 2442.00 ft (KB)

Total Depth: 3926.00 ft (KB) (TVD)

2437.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

**Serial #: 8655 Outside**

Press@RunDepth: 101.69 psig @ 3837.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.11.10

End Date:

2014.11.10

Last Calib.:

2014.11.10

Start Time: 01:56:39

End Time:

08:57:08

Time On Btm:

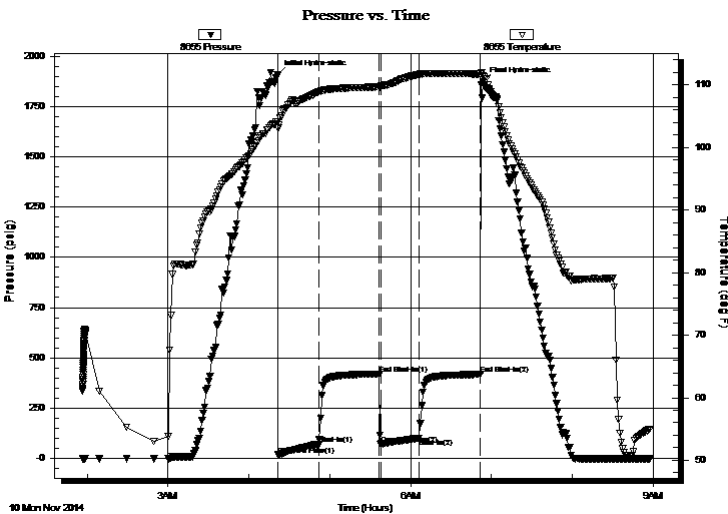
2014.11.10 @ 04:21:08

Time Off Btm:

2014.11.10 @ 06:53:38

**TEST COMMENT:** 30- IF- BOB 23 mins  
45- IS- No blow  
30- FF- BOB 28 mins  
45- FS- Sporadic surface blow

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1906.38	104.10	Initial Hydro-static
1	17.80	103.11	Open To Flow (1)
31	68.49	108.91	Shut-In(1)
76	420.47	109.71	End Shut-In(1)
77	71.72	109.77	Open To Flow (2)
105	101.69	111.69	Shut-In(2)
151	418.11	111.75	End Shut-In(2)
153	1871.75	111.55	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
65.00	GOWM, 10%G 15%O 25%W 50%M	0.89
125.00	OCM, 20%O 80%M	1.71
10.00	GO, 10%G 90%O	0.14
0.00	55' 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**

Jason Oil Company, LLC

**33-7s-24w Graham, KS**

PO Box 701  
Russell, KS 67665

**Goddard #1**

Job Ticket: 58407

**DST#: 2**

ATTN: Jeff Lawler

Test Start: 2014.11.10 @ 01:56:38

## Tool Information

Drill Pipe:	Length: 3830.00 ft	Diameter: 3.75 inches	Volume: 52.32 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: ft	Diameter: inches	Volume: - 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: 75000.00 lb
			<u>Total Volume: - bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	14.00 ft			String Weight: Initial 57000.00 lb
Depth to Top Packer:	3836.00 ft			Final 59000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	90.00 ft			
Tool Length:	110.00 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			3817.00	
Shut In Tool	5.00			3822.00	
Hydraulic tool	5.00			3827.00	
Packer	5.00			3832.00	20.00 Bottom Of Top Packer
Packer	4.00			3836.00	
Stubb	1.00			3837.00	
Recorder	0.00	8651	Inside	3837.00	
Recorder	0.00	8655	Outside	3837.00	
Perforations	21.00			3858.00	
Change Over Sub	1.00			3859.00	
Drill Pipe	63.00			3922.00	
Change Over Sub	1.00			3923.00	
Bullnose	3.00			3926.00	90.00 Bottom Packers & Anchor

**Total Tool Length: 110.00**



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Jason Oil Company, LLC

**33-7s-24w Graham, KS**

PO Box 701  
Russell, KS 67665

**Goddard #1**

Job Ticket: 58407

**DST#: 2**

ATTN: Jeff Lawler

Test Start: 2014.11.10 @ 01:56:38

## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

32 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 47.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.39 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 300.00 ppm

Filter Cake: inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
65.00	GOWM, 10%G 15%O 25%W 50%M	0.888
125.00	OCM, 20%O 80%M	1.708
10.00	GO, 10%G 90%O	0.137
0.00	55' GIP	0.000

Total Length: 200.00 ft

Total Volume: 2.733 bbl

Num Fluid Samples: 0

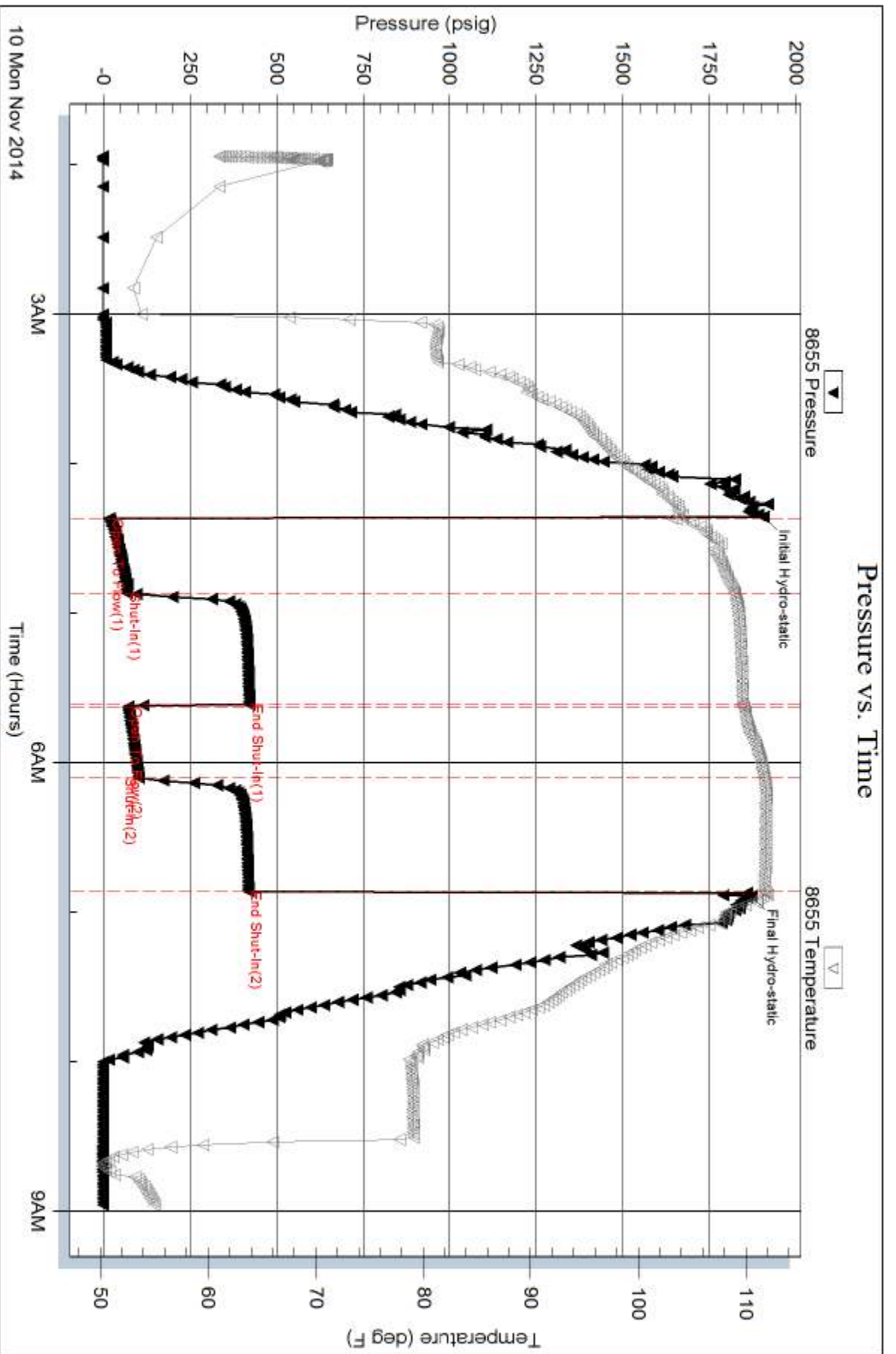
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





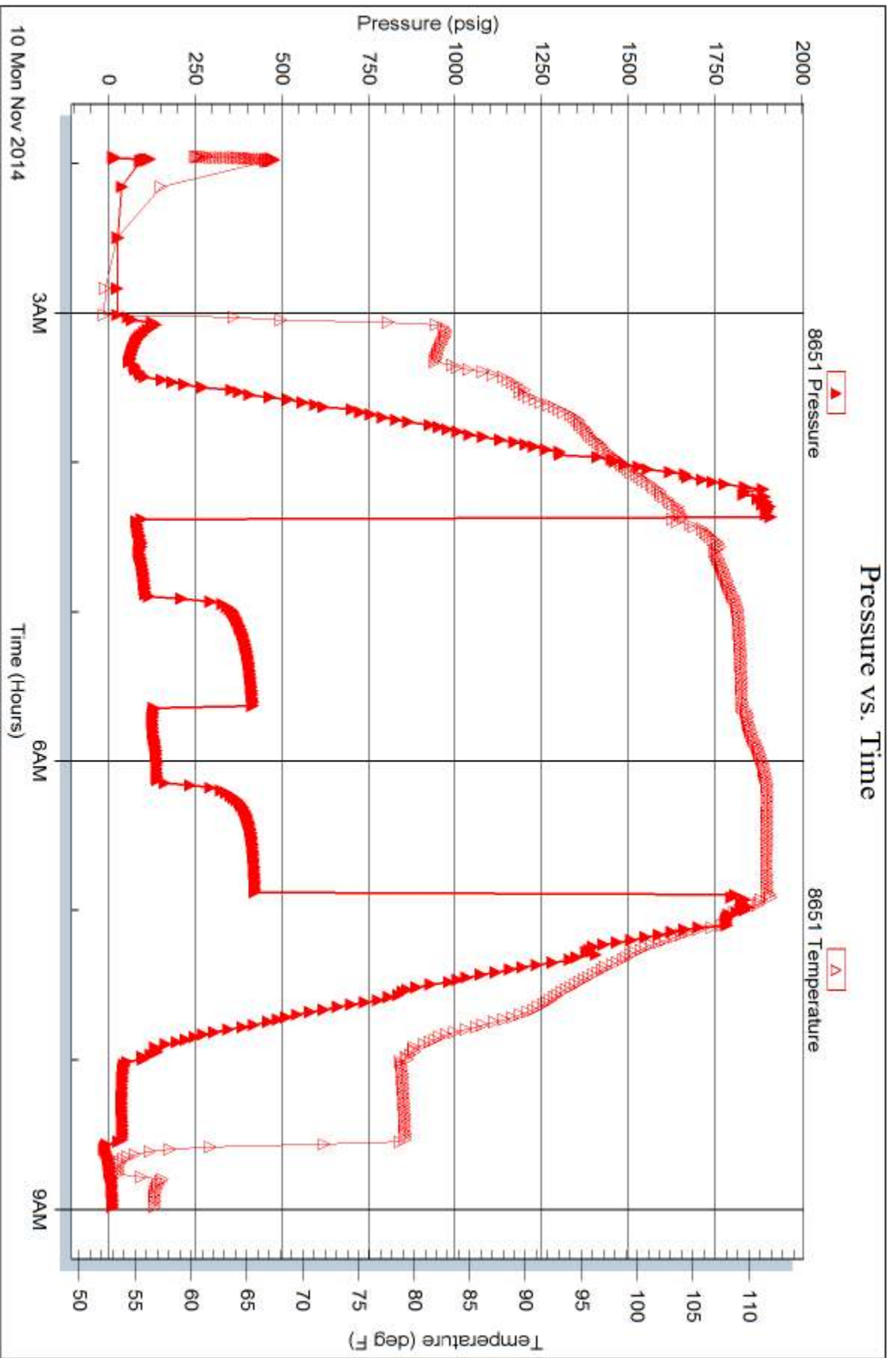
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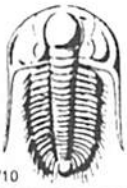
Inside

Jason Oil Company, LLC

Goddard #1

DST Test Number: 2





# TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. 58406

4/10

Well Name & No. Quaddard #1 Test No. 1 Date 11/9/14  
 Company Jason Oil Company, LLC Elevation 2442 KB 2437 GL  
 Address 3718 83rd St. PO Box 701 Russell, KS 67665  
 Co. Rep / Geo. Jeff Lawler Rig Royal #1  
 Location: Sec. 33 Twp. 7 S Rge. 24 W Co. Craham State KS

Interval Tested 3767-3800 Zone Tested KC "D-F"  
 Anchor Length 33' Drill Pipe Run 3765 Mud Wt. 8.5  
 Top Packer Depth 3762 Drill Collars Run --- Vis 49  
 Bottom Packer Depth 3767 Wt. Pipe Run --- WL 8.8  
 Total Depth 3800 Chlorides 300 ppm System LCM 2 1/2

Blow Description IF - BOB 26mins  
ISF - No blow  
PF - Slowly built to 8 1/2"  
FSF - No blow

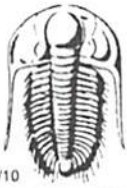
Rec	Feet of	%gas	%oil	%water	%mud
<u>190</u>	<u>MW w/ slow of oil</u>			<u>60</u>	<u>40</u>
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 190' BHT 113° Gravity --- API RW 14 @ 76 °F Chlorides 50,000 ppm  
 (A) Initial Hydrostatic 1898  Test 1150 T-On Location 0811  
 (B) First Initial Flow 14  Jars --- T-Started 0831  
 (C) First Final Flow 63  Safety Joint --- T-Open 1108  
 (D) Initial Shut-In 253  Circ Sub --- T-Pulled 1308  
 (E) Second Initial Flow 65  Hourly Standby --- T-Out 1450  
 (F) Second Final Flow 103  Mileage 146 RT Comments ---  
 (G) Final Shut-In 214  Sampler 128rt 198.40  
 (H) Final Hydrostatic 1842  Straddle ---  
 Ruined Shale Packer ---

Initial Open 30  Shale Packer 250  Ruined Packer ---  
 Initial Shut-In 30  Extra Packer ---  Extra Copies ---  
 Final Flow 30  Extra Recorder --- Sub Total 0  
 Final Shut-In 30  Day Standby --- Total 1598.40  
 Accessibility --- MP/DST Disc't ---  
 Sub Total 1598.40

Approved By \_\_\_\_\_ Our Representative Brannan Lonsdale

Trilobite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



# TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. **58407**

4/10

Well Name & No. Coddard #1 Test No. 2 Date 11/10/14  
 Company Jason Oil Company, LLC Elevation 2442 KB 2437 GL  
 Address 3718 83<sup>rd</sup> St PO Box 701 Russell, KS 67665  
 Co. Rep / Geo. Jeff Lawler Rig Royal #1  
 Location: Sec. 33 Twp. 2 S Rge. 24 W Co. Craham State KS

Interval Tested 3836-3926 Zone Tested KC - "H-L"  
 Anchor Length 90' Drill Pipe Run 3830 Mud Wt. 9.4  
 Top Packer Depth 3831 Drill Collars Run — Vis 47  
 Bottom Packer Depth 3836 Wt. Pipe Run — WL 8.4  
 Total Depth 3926 Chlorides 300 ppm System LCM 2 1/2 #

Blow Description IF - BOB 23mins  
ISI - No blow  
FF - BOB 28mins  
FSI - gradic surface blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>65</u>	<u>GOWM</u>	<u>10</u>	<u>15</u>	<u>25</u>	<u>50</u>
<u>125</u>	<u>OCM</u>		<u>20</u>		<u>30</u>
<u>10</u>	<u>GO</u>	<u>10</u>	<u>90</u>		
	<u>55' QIP</u>				

Rec Total 200' BHT 112° Gravity 32 API RW — @ — °F Chlorides — ppm

(A) Initial Hydrostatic 1906  Test 1150 T-On Location 0135  
 (B) First Initial Flow 18  Jars — T-Started 0157  
 (C) First Final Flow 68  Safety Joint — T-Open 0423  
 (D) Initial Shut-In 420  Circ Sub — T-Pulled 0653  
 (E) Second Initial Flow 73  Hourly Standby — T-Out 0859  
 (F) Second Final Flow 102  Mileage 146 RT 198.40 Comments —  
 (G) Final Shut-In 468  Sampler —  
 (H) Final Hydrostatic 1872  Straddle —  Ruined Shale Packer —

Initial Open 30  Shale Packer 250  Ruined Packer —  
 Initial Shut-In 45  Extra Packer —  Extra Copies —  
 Final Flow 30  Extra Recorder — Sub Total 0  
 Final Shut-In 45  Day Standby — Total 1598.40  
 Accessibility — MP/DST Disc't —  
 Sub Total 1598.40

Approved By — Our Representative Braman Lonsdale

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