



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: _____



1137725

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
---	---

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
-----------------------------------	-----------	---------	-------------	---------------	---------

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: _____ _____
---	---	--

Form	ACO1 - Well Completion
Operator	Gore Oil Company
Well Name	Stahl Trust 1
Doc ID	1137725

All Electric Logs Run

Compensated Density/Neutron Log
Sonic Log
Micro Log
Dual Induction Log



CONSOLIDATED
Oil Well Services, LLC

TICKET NUMBER 37275
LOCATION Oakley KS
FOREMAN Miles Shaw

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
11-4-12	3373	Stahl trust #1	11	9S	18W	Rocky
CUSTOMER Gore Oil			K.S.			
MAILING ADDRESS			TRUCK #	DRIVER	TRUCK #	DRIVER
CITY			399	Damon M		
STATE			560	Tim W		
ZIP CODE						

JOB TYPE PTA HOLE SIZE 7 7/8 HOLE DEPTH 3580 CASING SIZE & WEIGHT _____
 CASING DEPTH _____ DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 13.1 SLURRY VOL 1.4 WATER gal/sk _____ CEMENT LEFT in CASING _____
 DISPLACEMENT _____ DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: Safety meeting and rig up on maverick drilling #108 plug seated
1st plug 255sk @ 3580'
2nd plug 255sk @ 1410'
3rd 100sk @ 840'
4th 40sk @ 310'
Top 10sk @ 40' w. H. wire plug 0458sk 60/40 4% gal 1/4" plug seal
RH 30SN
MH 15SK

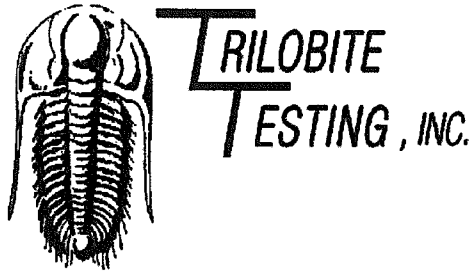
ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
54051V	1	PUMP CHARGE	1325.00	1325.00
5406	45	MILEAGE	5.00	225.00
5407A	10.53	Ton mit. gse delivery	1.67	79.55
1131	245 sks	60/40 Pac cement	15.10	3699.50
1118B	842 #	Bentonite gel	.25	210.50
1107	61 #	Fl seal	2.82	172.02
4432	1	8 3/8 wooden plug	96.00	96.00
			Subtotal	6519.57
			less 10% discount	651.96
			Subtotal	5867.61
			SALES TAX	236.90
			ESTIMATED TOTAL	6104.51

Ravin 3737

AUTHORIZATION [Signature] TITLE Toolpusher DATE 11-4-2012

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

7511770



DRILL STEM TEST REPORT

Prepared For: **Gore Oil Company**
PO Box 2757
Wichita KS 67202 + 4518

ATTN: Larry M Jack

Stahl Trust #1

11-9s-18w Rooks,KS

Start Date: 2012.10.31 @ 04:48:03

End Date: 2012.10.31 @ 12:50:03

Job Ticket #: 51049 DST #: 1

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

Printed: 2012.11.13 @ 11:10:49

Gore Oil Company

11-9s-18w Rooks,KS

Stahl Trust #1

DST # 1

Lansing-A-B-C

2012.10.31

DRILL STEM TEST REPORT



Gore Oil Company

PO Box 2757
Wichita KS 67202 + 4518

ATTN: Larry Mack

11-9s-18w Rooks,KS
Stahl Trust #1

DST#: 1

Job Ticket: 51049
Test Start: 2012.10.31 @ 04:48:03

GENERAL INFORMATION:

Formation: Lansing-A-B-C
Deviated: No Whipstock:
Time Tool Opened: 08:15:03
Time Test Ended: 12:50:03
Interval: 3237.00 ft (KB) To 3292.00 ft (KB) (TVD)
Total Depth: 3292.00 ft (KB) (TVD)
Hole Diameter: 7.88 inchesHole Condition: Fair
Reference Elevations: 2070.00 ft (KB)
2062.00 ft (CF)
KB to GR/CF: 8.00 ft

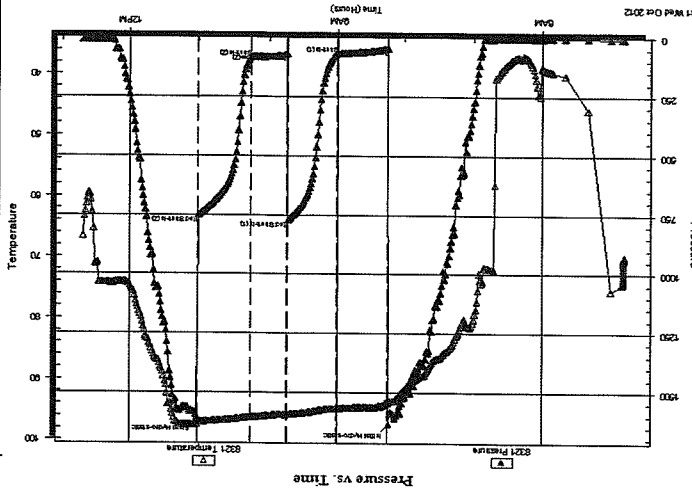
Serial #: 8321 Inside

Press@RunDepth: 83.46 psig @ 3274.00 ft (KB)
Start Date: 2012.10.31
Start Time: 04:48:04
End Date: 2012.10.31
End Time: 12:42:03
Capacity: 8000.00 psig
Last Calib.: 2012.10.31
Time On Btm: 2012.10.31 @ 08:14:33
Time Off Btm: 2012.10.31 @ 11:01:33

TEST COMMENT: IFF=Good blow BOB in 29 min
FFP=Weak surface blow back
FSI=Good blow BOB in 15 min
FFP=Weak surface blow back
FFP=Weak surface blow back

PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1635.31	93.99	Initial Hydro-static
1	45.39	93.75	Open To Flow (1)
46	68.01	94.88	Shut-In(1)
90	772.68	95.86	End Shut-In(1)
90	69.06	95.75	Open To Flow (2)
121	83.46	96.30	Shut-In(2)
166	752.99	97.09	End Shut-In(2)
167	1607.86	97.47	Final Hydro-static



Recovery

Length (ft)	Description	Volume (bb)
97.00	OCGM 20%G20%O 60%M	1.36
20.00	HOCGM 15%G 30%O 55%M	0.28
2.00	Z25-GIP	0.03

Gas Rates

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

Triobite Testing, Inc

Ref. No: 51049

Printed: 2012.11.13 @ 11:10:50

DRILL STEM TEST REPORT



Gore Oil Company
 PO Box 2757
 Wichita KS 67202 + 4518
 ATTN: Larry Mack

11-9s-18w Rooks,KS
 Stahl Trust #1
 Job Ticket: 51049
 DST#: 1
 Test Start: 2012.10.31 @ 04:48:03

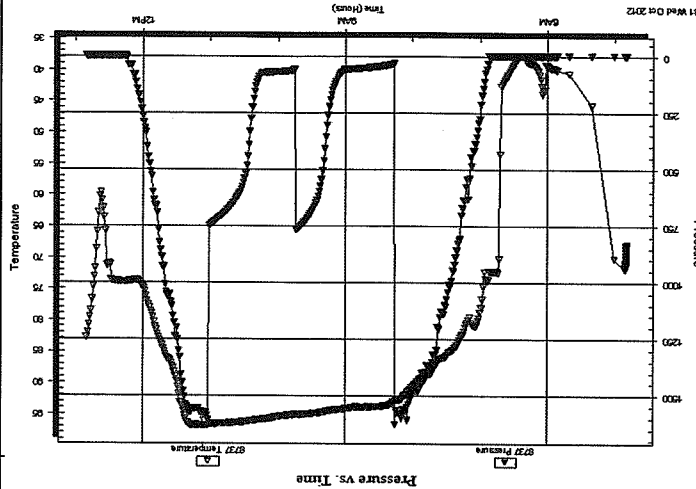
GENERAL INFORMATION:

Formation: Lansing-A-B-C
 Deviated: No Whipstock
 Interval: 3237.00 ft (KB) To 3292.00 ft (KB) (TVD)
 Total Depth: 3292.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inchesHole Condition: Fair
 Reference Elevations: 2070.00 ft (KB)
 2062.00 ft (CF)
 8.00 ft
 Unit No: 44
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Jeff Brown
 Time Test Opened: 08:15:03
 Time Test Ended: 12:50:03

Serial #: 8737
 Outside
 Press@RunDepth: psig @ 3274.00 ft (KB)
 Start Date: 2012.10.31
 End Date: 04:48:48
 Start Time: 04:48:48
 End Time: 12:50:47
 Capacity: 8000.00 psig
 Last Calib.: 2012.10.31
 Time On Btm: 12:50:47
 Time Off Btm: 2012.10.31

TEST COMMENT: IFF=Good blow BOB in 29 min
 FFP=Weak surface blow back
 FS=Good blow BOB in 15 min
 FFP=Weak surface blow back

PRESSURE SUMMARY



Recovery

Length (ft)	Description	Volume (bb)
97.00	OCGM 20%G20%O 60%M	1.36
20.00	HOCGM 15%G 30%O 55%M	0.28
2.00	225-GIP	0.03

Gas Rates

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

Trilobite Testing, Inc

Ref. No: 51049

Printed: 2012.11.13 @ 11:10:51

DRILL STEM TEST REPORT

TOOL DIAGRAM

11-9S-18W Rooks,KS

Stahl Trust #1

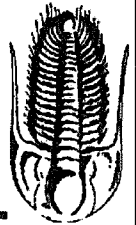
Job Ticket: 51049 DST#: 1

Test Start: 2012.10.31 @ 04:48:03

Gore Oil Company

PO Box 2757
Wichita KS 67202 + 4518

ATTN: Larry Mack



Tool Information

Drill Pipe: Length: 3248.00 ft Diameter: 3.80 inches Volume: 45.56 bbl Tool Weight: 2000.00 lb
 Heavy Wt. Pipe: Length: 0.00 ft Diameter: 2.70 inches Volume: 0.00 bbl Weight set on Packer: 20000.00 lb
 Drill Collar: Length: 0.00 ft Diameter: 2.25 inches Volume: 0.00 bbl Weight to Pull Loose: 58000.00 lb
 Tool Chased 0.00 ft
 Drill Pipe Above KB: 31.00 ft
 Depth to Top Packer: 3237.00 ft String Weight: Initial 48000.00 lb Final 50000.00 lb
 Depth to Bottom Packer: ft
 Interval between Packers: 55.00 ft
 Tool Length: 75.00 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			3218.00
Shut In Tool	5.00			3223.00
Hydraulic tool	5.00			3228.00
Packer	4.00			3232.00
Packer	5.00			3237.00
Packer	5.00			3242.00
Stub	1.00			3243.00
Perforations	3.00			3246.00
Change Over Sub	1.00			3247.00
Drill Pipe	31.00			3278.00
Change Over Sub	1.00			3279.00
Recorder	0.00	8321	Inside	3279.00
Recorder	0.00	8737	Outside	3279.00
Perforations	15.00			3294.00
Bullnose	3.00			3297.00
Total Tool Length:	75.00			
Bottom Packers & Anchor	55.00			

Recovery Information

Length ft	Description	Volume bbl
97.00	OCCGM 20%G20%O 60%M	1.361
20.00	HOCCGM 15%G 30%O 55%M	0.281
2.00	225-GIP	0.028
Total Length: 119.00 ft		Total Volume: 1.670 bbl
Num Fluid Samples: 0		Num Gas Bombs: 0
Laboratory Name:		Laboratory Location:
Recovery Comments:		Serial #:

Recovery Table

Mud and Cushion Information

Mud Type: Gel Chem
 Mud Weight: 8.00 lb/gal
 Viscosity: 50.00 sec/qt
 Water Loss: 7.97 in³
 Resistivity: oh.m
 Salinity: 2500.00 ppm
 Filter Cake: inches
 Cushion Type:
 Cushion Length: ft
 Cushion Volume: bbl
 Gas Cushion Type:
 Gas Cushion Pressure: psig
 Oil API: deg API
 Water Salinity: ppm

FLUID SUMMARY

DRILL STEM TEST REPORT



TRIBBLE TESTING, INC
 Gore Oil Company
 PO Box 2757
 Wichita KS 67202 + 4518
 ATTN: Larry M Jack
 Test Start: 2012.10.31 @ 04:48:03
 Job Ticket: 51049
 DST#: 1
Stahl Trust #1
 11-9s-18w Rooks, KS

Serial #: 8321

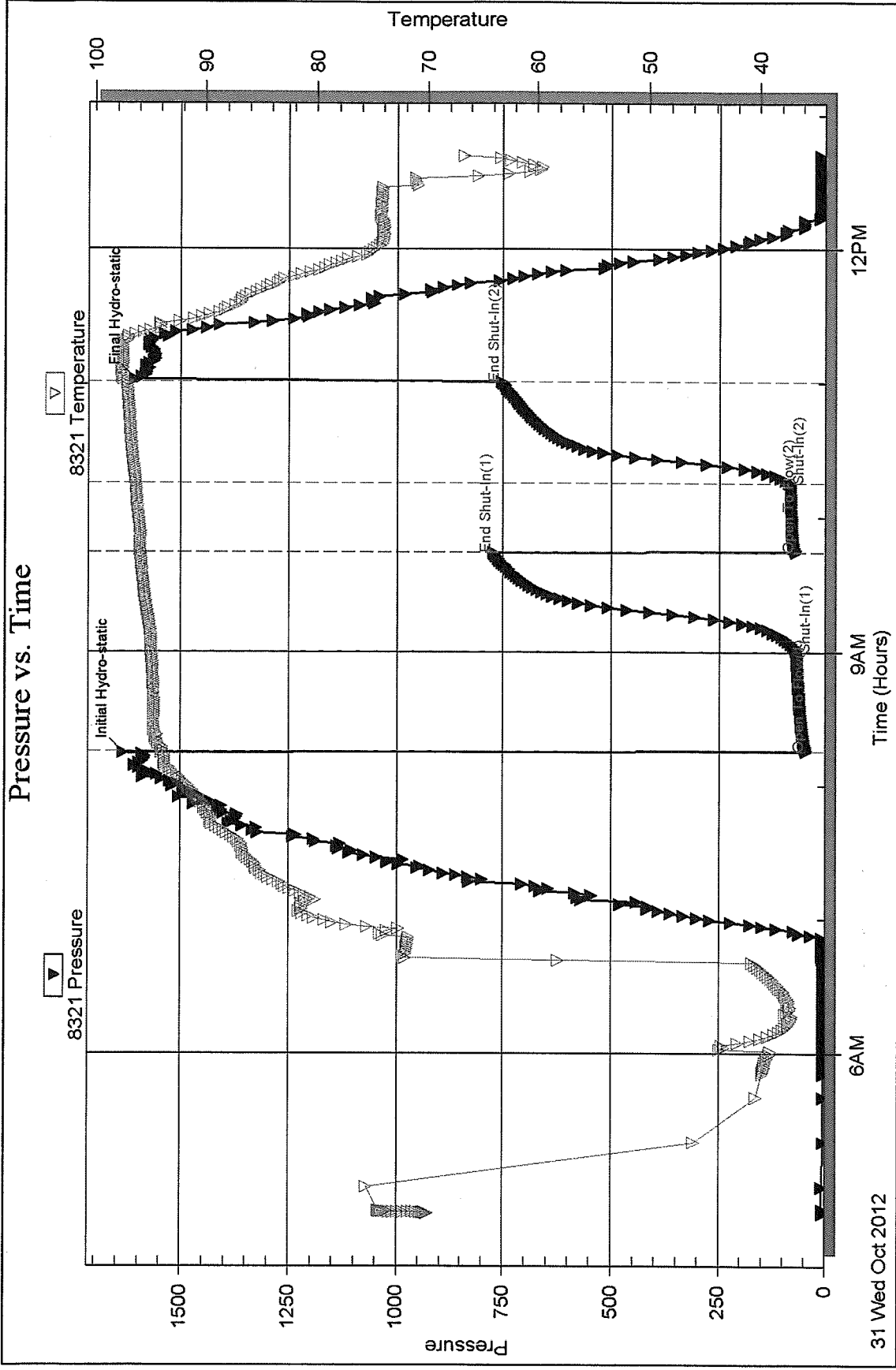
Inside

Gore Oil Company

Stahl Trust #1

DST Test Number: 1

Pressure vs. Time



31 Wed Oct 2012

6AM

9AM

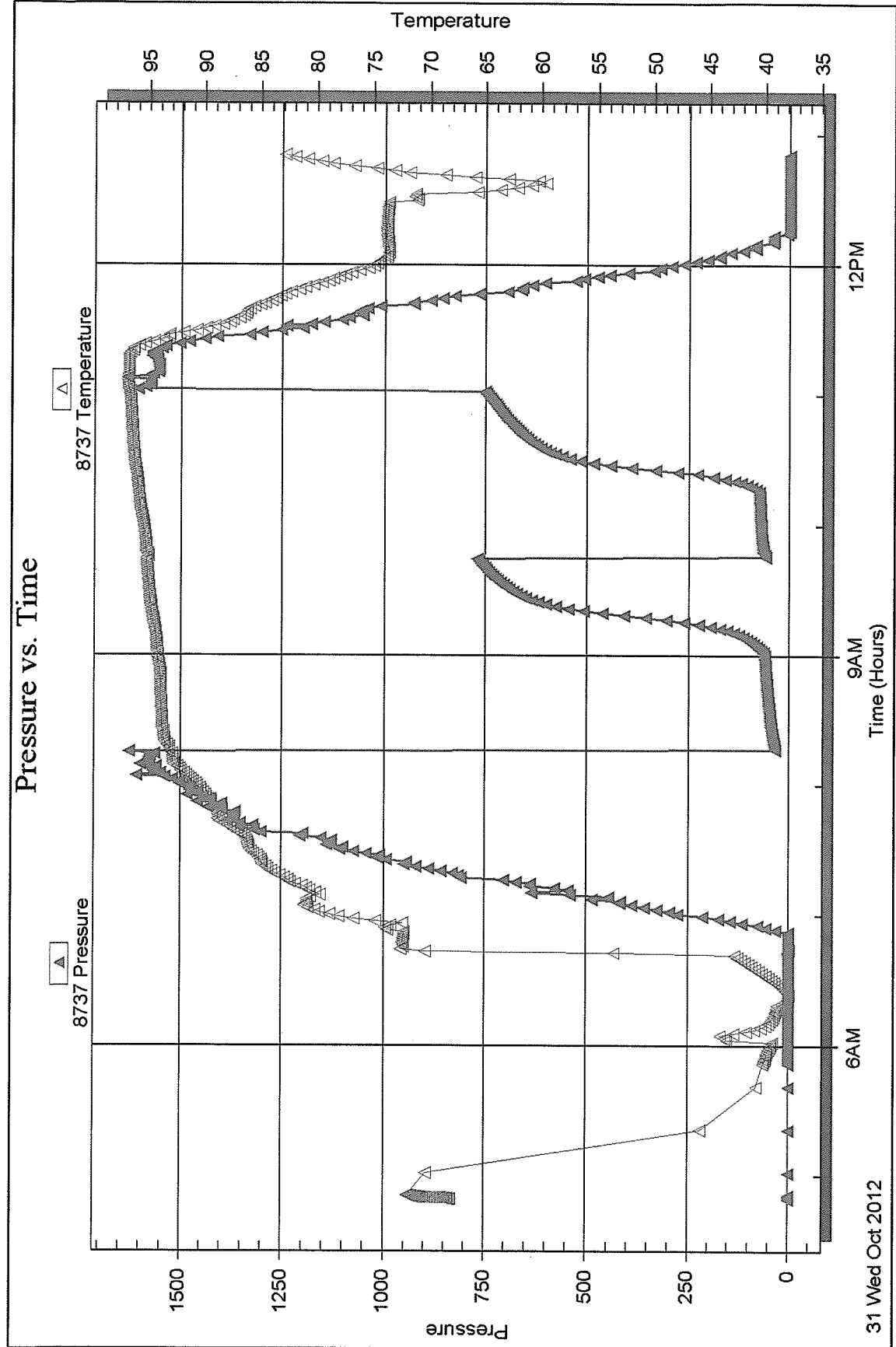
12PM

Serial #: 8737

Outside Gore Oil Company

Stahl Trust #1

DST Test Number: 1



Trilobite Testing, Inc

Ref. No: 51049

Printed: 2012.11.13 @ 11:10:54



DRILL STEM TEST REPORT

Prepared For: **Gore Oil Company**

PO Box 2757

Wichita KS 67202 + 4518

ATTN: Larry M Jack

Stahl Trust #1

11-9s-18w Rooks,KS

Start Date: 2012.10.31 @ 21:23:12

End Date: 2012.11.01 @ 04:15:12

Job Ticket #: 51050 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

DRILL STEM TEST REPORT



Gore Oil Company
 PO Box 2757
 Wichita KS 67202 + 4518
 ATTN: Larry M Jack

11-9s-18w Rooks, KS
 Stahl Trust #1
 Job Ticket: 51050
 DST#: 2
 Test Start: 2012.10.31 @ 21:23:12

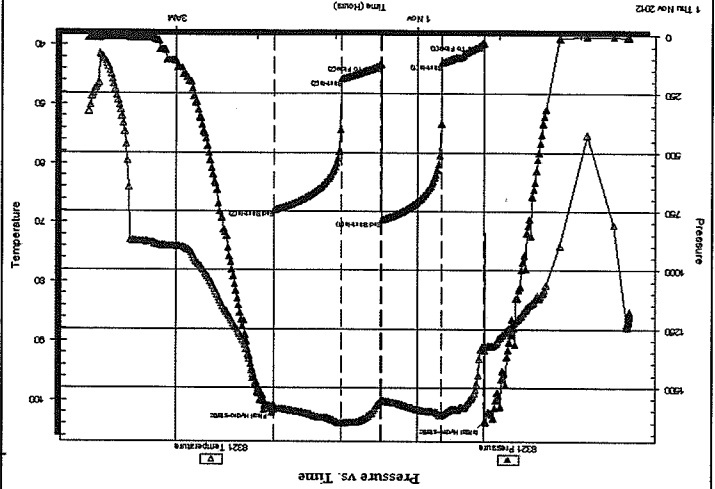
GENERAL INFORMATION:

Formation: Lansing-E-F
 Deviated: No Whipstock:
 Time Tool Opened: 23:11:12
 Time Test Ended: 04:15:12
 Interval: 3293.00 ft (KB) To 3338.00 ft (KB) (TVD)
 Total Depth: 3338.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inchesHole Condition: Fair
 Reference Elevations: 2070.00 ft (KB)
 2062.00 ft (CF)
 8.00 ft
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Jeff Brown
 Unit No: 44

Serial #: 8321
 Inside

Press@RunDepth: 186.96 psig @ 3298.00 ft (KB)
 Start Date: 2012.10.31
 End Date: 2012.11.01
 Capacity: 8000.00 psig
 Last Calib.: 2012.11.01
 Time On Btm: 2012.10.31 @ 23:10:42
 Time Off Btm: 2012.11.01 @ 01:47:12

TEST COMMENT: IFP=Good blow BOB in 18 1/2 min
 IS=Dead no blow back
 FFP=Fair blow built to 9 in
 FS=Dead no blow back



PRESSURE SUMMARY

Annotation	Temp (deg F)	Pressure (psig)	Time (Min.)
Initial Hydro-static	91.56	1640.47	0
Open To Flow (1)	91.24	34.80	1
Shut-In(1)	102.52	117.04	32
End Shut-In(1)	100.02	785.55	76
Open To Flow (2)	100.00	126.77	76
Shut-In(2)	103.95	186.96	106
End Shut-In(2)	101.49	743.48	156
Final Hydro-static	101.62	1572.44	157

Gas Rates

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

Recovery

Length (ft)	Description	Volume (bbl)
186.00	MW 25%M 75%W	2.61
15.00	MW with oil spots 20%M 80%W	0.21
124.00	MW with oil spots 20%M 80%M	1.74

* Recovery from multiple tests

DRILL STEM TEST REPORT



Gore Oil Company
 PO Box 2757
 Wichita KS 67202 + 4518
 ATTN: Larry Mack

11-9S-18W Rooks,KS
 Stahl Trust #1
 Job Ticket: 51050
 DST#: 2
 Test Start: 2012.10.31 @ 21:23:12

GENERAL INFORMATION:

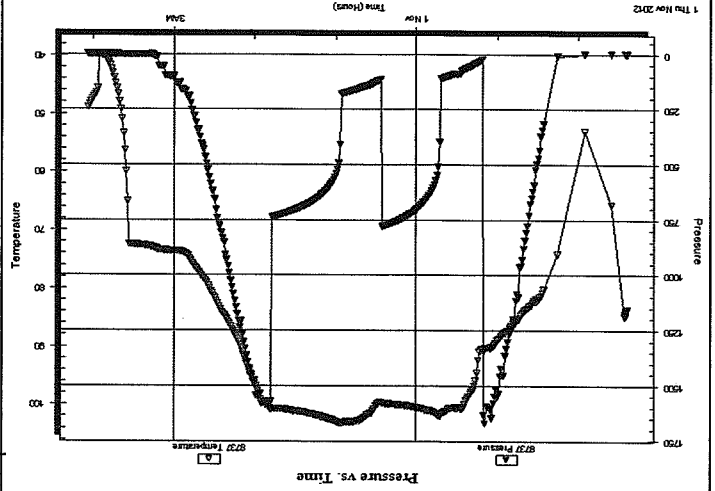
Formation: Lansing-EF
 Deviated: No
 Whipstock: No
 Time Tool Opened: 23:11:12
 Time Test Ended: 04:15:12
 Interval: 3293.00 ft (KB) To 3338.00 ft (KB) (TVD)
 Total Depth: 3338.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inchesHole Condition: Fair
 Reference Elevations: 2070.00 ft (KB)
 2062.00 ft (CF)
 8.00 ft
 KB to GR/CF:

Serial #: 8737
 Outside
 Press@RunDepth: psig @ 3298.00 ft (KB)
 Start Date: 2012.10.31
 End Date: 2012.11.01

Capacity: 8000.00 psig
 Last Calib.: 2012.11.01
 Time On Btm: 04:04:15
 Time Off Btm:

TEST COMMENT: IF=Good blow BOB in 18 1/2 min
 IS=Dead no blow back
 FFP=Fair blow built to 9 in
 FS=Dead no blow back

PRESSURE SUMMARY



Recovery

Length (ft)	Description	Volume (bbl)
186.00	MMW 25%M 75%W	2.61
15.00	MMW with oil spots 20%M 80%W	0.21
124.00	MMW with oil spots 20%W 80%M	1.74

* Recovery from multiple tests

Gas Rates

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

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00				3274.00
Shut In Tool	5.00				3279.00
Hydraulic tool	5.00				3284.00
Packer	4.00				3288.00
Packer	5.00				3293.00
Stub	1.00				3294.00
Perforations	3.00				3297.00
Change Over Sub	1.00				3298.00
Recorder	0.00	8321	Inside		3298.00
Recorder	0.00	8737	Outside		3298.00
Drill Pipe	31.00				3329.00
Change Over Sub	1.00				3330.00
Perforations	5.00				3335.00
Bullnose	3.00				3338.00
				45.00	Bottom Packers & Anchor
					Total Tool Length: 65.00

Tool Information	
Drill Pipe: Length: 3278.00 ft Diameter: 3.80 inches Volume: 45.98 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe: Length: 0.00 ft Diameter: 2.70 inches Volume: 0.00 bbl	Weight set on Packer: 2000.00 lb
Drill Collar: Length: 0.00 ft Diameter: 2.25 inches Volume: 0.00 bbl	Weight to Pull Loose: 58000.00 lb
Drill Pipe Above KB: 5.00 ft	Tool Chased 0.00 ft
Depth to Top Packer: 3293.00 ft	String Weight: Initial 48000.00 lb
Depth to Bottom Packer: ft	Final 50000.00 lb
Interval betw een Packers: 45.00 ft	
Tool Length: 65.00 ft	
Number of Packers: 2 Diameter: 6.75 inches	
Tool Comments:	

DRILL STEM TEST REPORT

TOOL DIAGRAM

Gore Oil Company

11-9s-18w Rooks,KS
Stahl Trust #1

Job Ticket: 51050 DST#: 2

ATTN: Larry M Jack

Test Start: 2012.10.31 @ 21:23:12

Wichita KS 67202 + 4518

PO Box 2757



Recovery Information

Length ft	Description	Volume bbl
186.00	MMW 25%M 75%V	2.609
15.00	MMW w th oil spots 20%M 80%V	0.210
124.00	MMW w th oil spots 20%V 80%M	1.739
Total Length: 325.00 ft		Total Volume: 4.558 bbl

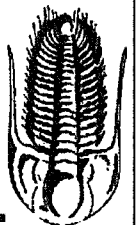
Num Fluid Samples: 0
 Laboratory Name:
 Laboratory Location:
 Num Gas Bombs: 0
 Serial #:

Recovery Comments:

Recovery Table

Mud and Cushion Information

Mud Type: Gel Chem
 Mud Weight: 9.00 lb/gal
 Viscosity: 48.00 sec/qt
 Water Loss: 7.97 in³
 Resistivity: oh.m
 Salinity: 1500.00 ppm
 Filter Cake: inches
 Cushion Type:
 Cushion Length: ft
 Cushion Volume: bbl
 Gas Cushion Type:
 Gas Cushion Pressure: psig
 Oil API:
 Water Salinity: ppm
 deg API



TRIBLITE TESTING, INC

Gore Oil Company
 PO Box 2757
 Wichita KS 67202 + 4518

Stahl Trust #1
 11-9S-18W Rooks,KS
 Job Ticket: 51050
 DST#: 2
 ATTN: Larry M Jack
 Test Start: 2012.10.31 @ 21:23:12

DRILL STEM TEST REPORT

FLUID SUMMARY

Serial #: 8321

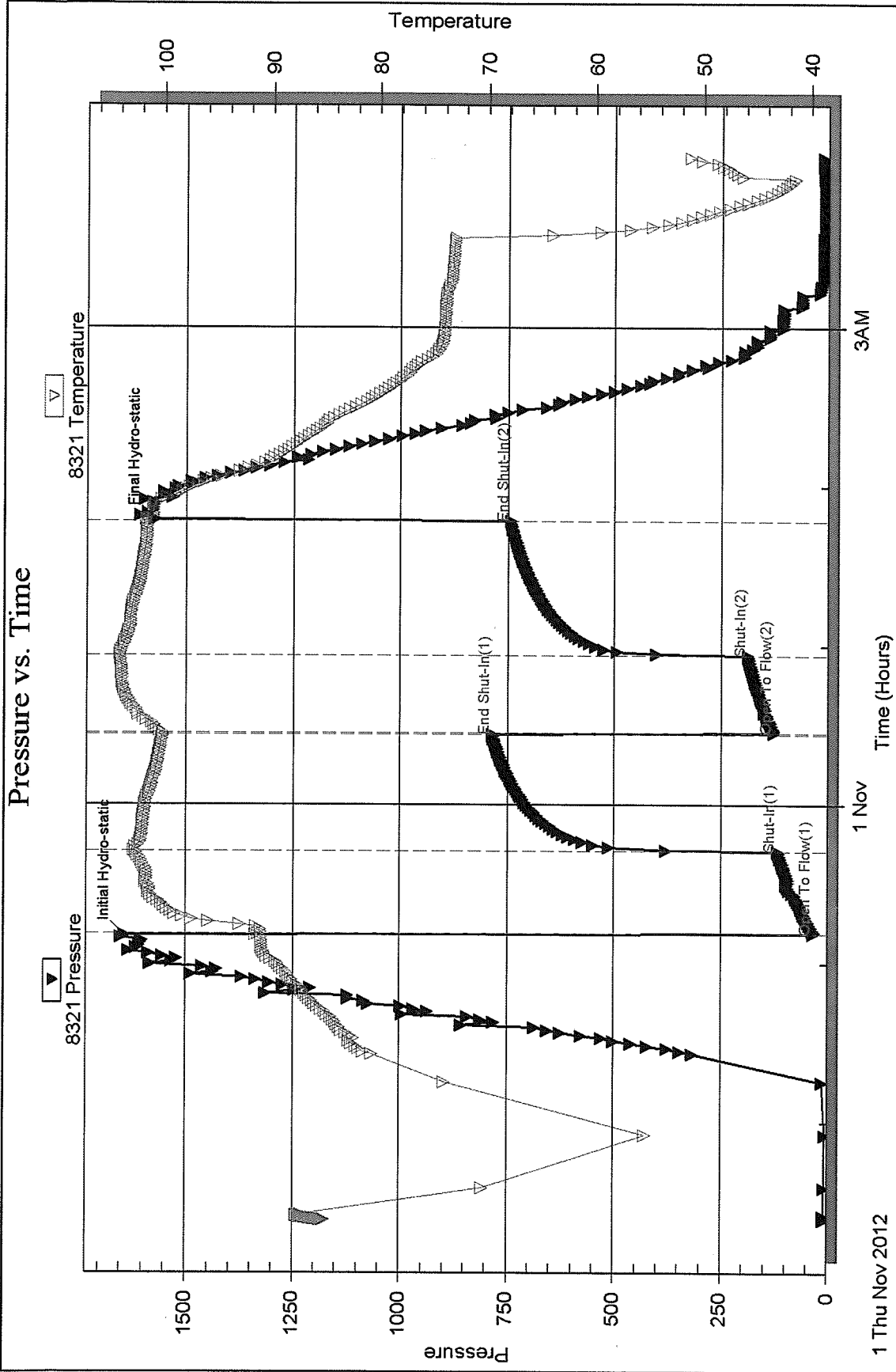
Inside

Gore Oil Company

Stahl Trust #1

DST Test Number: 2

Pressure vs. Time



Serial #: 8737

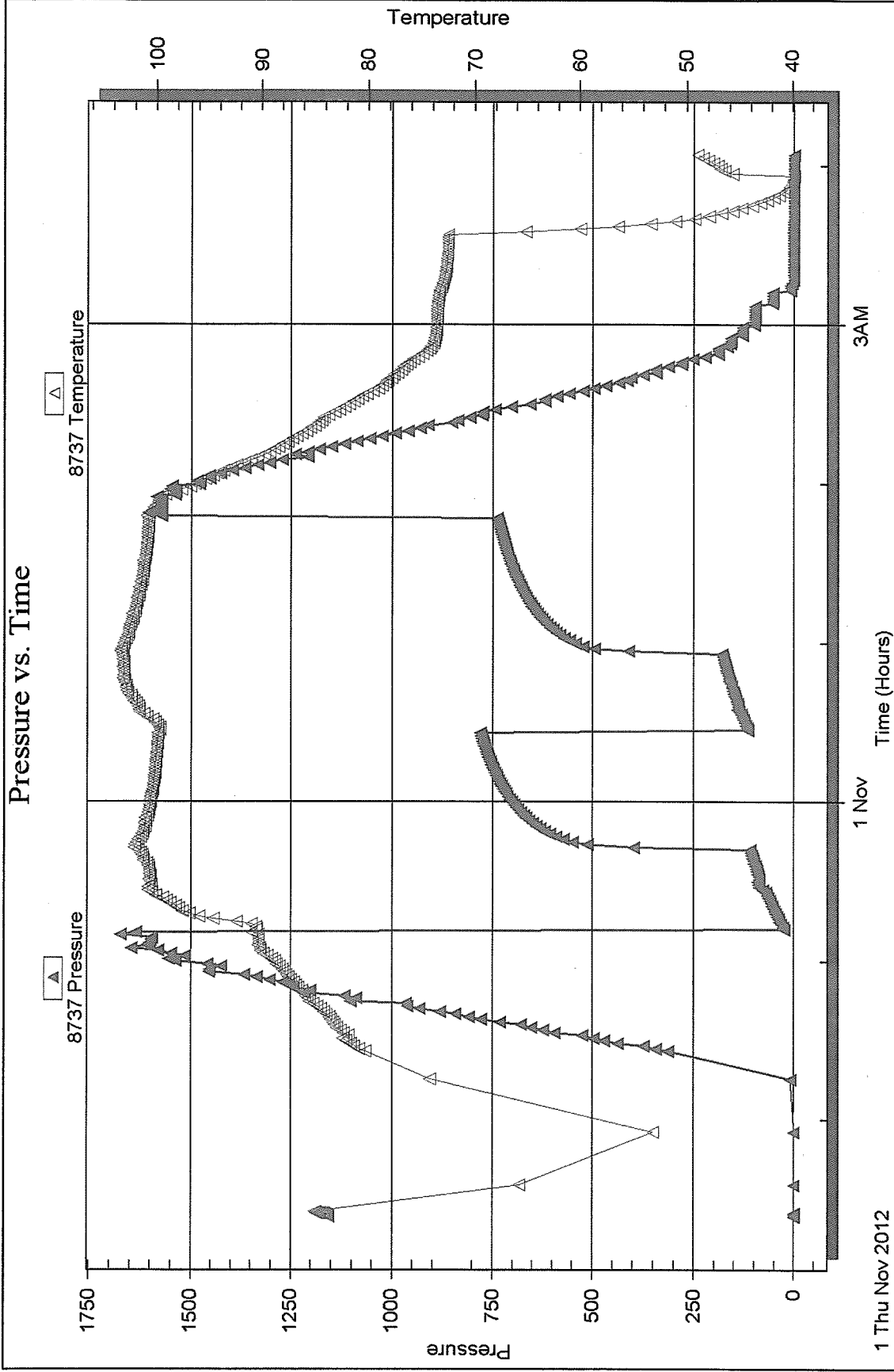
Outside

Gore Oil Company

Stahl Trust #1

DST Test Number: 2

Pressure vs. Time



Trilobite Testing, Inc

Ref. No: 51050

Printed: 2012.11.13 @ 11:10:08



DRILL STEM TEST REPORT

Prepared For: **Gore Oil Company**

PO Box 2757
Wichita KS 67202 + 4518

ATTN: Larry M Jack

Stahl Trust #1

11-9s-18w Rooks,KS

Start Date: 2012.11.01 @ 10:50:38

End Date: 2012.11.01 @ 15:31:38

Job Ticket #: 44302
DST #: 3

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

DRILL STEM TEST REPORT



Gore Oil Company
 PO Box 2757
 Wichita KS 67202 + 4518
 ATTN: Larry Mack

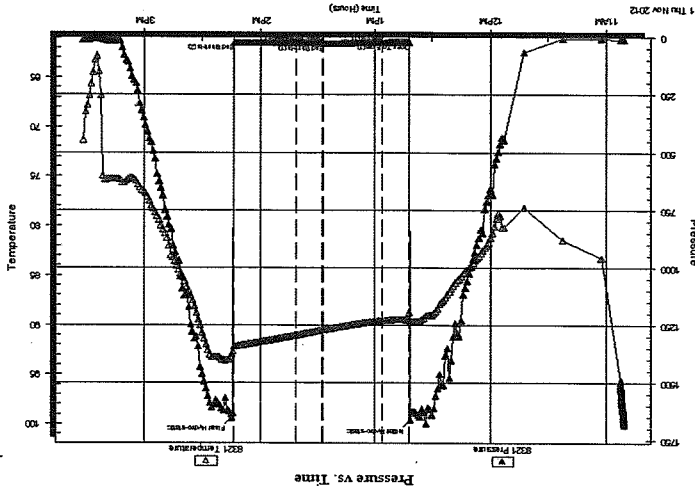
11-9S-18W Rooks,KS
 Stahl Trust #1
 Job Ticket: 44302
 DST#: 3
 Test Start: 2012.11.01 @ 10:50:38

GENERAL INFORMATION:

Formation: Lansing-G
 Deviated: No
 Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Jeff Brown
 Unit No: 44
 Reference Elevations: 2070.00 ft (KB)
 2062.00 ft (CF)
 8.00 ft
 Interval: 3340.00 ft (KB) To 3360.00 ft (KB) (TVD)
 Total Depth: 3360.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inchesHole Condition: Fair

Serial #: 8321
 Inside
 Press@RunDepth: 22.51 psig @ 3342.00 ft (KB)
 Start Date: 2012.11.01
 End Date: 10:50:39
 Capacity: 8000.00 psig
 Last Callb.: 2012.11.01
 Time On Btm: 2012.11.01 @ 12:41:08
 Time Off Btm: 2012.11.01 @ 14:14:38

TEST COMMENT: IFP=Dead-Flushed tool it surged then died
 IS=Dead no blow back
 FFP=Dead no blow
 FS=Dead no blow back



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1661.84	89.66	Initial Hydro-static
1	22.28	88.75	Open To Flow (1)
15	22.62	89.58	Shut-in(1)
46	28.85	90.51	End Shut-in(1)
47	21.57	90.53	Open To Flow (2)
61	22.51	91.05	Shut-in(2)
93	25.19	92.20	End Shut-in(2)
94	1650.84	92.96	Final Hydro-static

PRESSURE SUMMARY

Recovery

Length (ft)	Description	Volume (bbl)
1.00	Mud	0.01
* Recovery from multiple tests		

Gas Rates

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

DRILL STEM TEST REPORT



Gore Oil Company
 PO Box 2757
 Wichita KS 67202 + 4518
 ATTN: Larry Mack

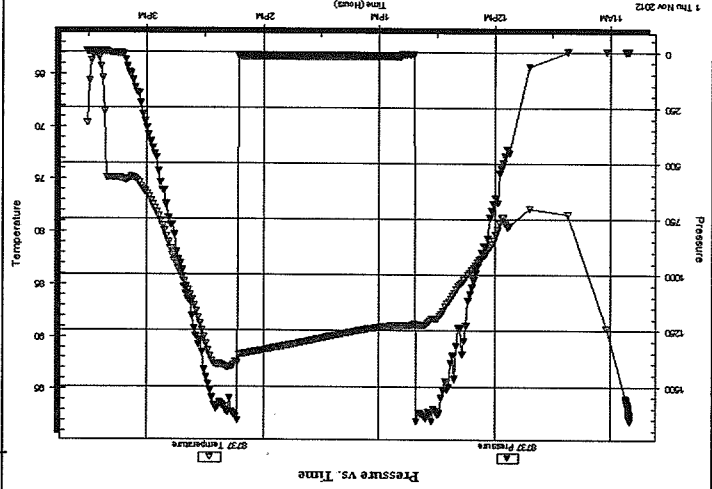
11-9s-18w Rooks,KS
 Stahl Trust #1
 Job Ticket: 44302
 DST#: 3
 Test Start: 2012.11.01 @ 10:50:38

GENERAL INFORMATION:

Formation: Lansing-G
 Deviated: No Whipstock:
 Time Tool Opened: 12:41:38
 Time Test Ended: 15:31:38
 Interval: 3340.00 ft (KB) To 3360.00 ft (KB) (TVD)
 Total Depth: 3360.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inchesHole Condition: Fair
 Reference Elevations: 2070.00 ft (KB)
 2062.00 ft (CF)
 8.00 ft
 KB to GR/CF:

Serial #: 8737
 Outside
 Press@RunDepth: psig @ 3342.00 ft (KB)
 Start Date: 2012.11.01
 End Time: 10:50:12
 Start Time:
 End Date: 2012.11.01
 End Time: 15:31:11
 Capacity:
 Last Callb.:
 Time On Btm:
 Time Off Btm:
 TEST COMMENT: IFF=Dead-Flushed tool it surged then died
 ISF=Dead no blow back
 FFP=Dead no blow
 FSF=Dead no blow back

PRESSURE SUMMARY




Recovery

Length (ft)	Description	Volume (bbl)
1.00	Mud	0.01
* Recovery from multiple tests		

Gas Rates

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

DRILL STEM TEST REPORT		TOOL DIAGRAM	
<p>11-9S-18W Rooks,KS Stahl Trust #1 Job Ticket: 44302 DST#: 3 ATTN: Larry Mack Test Start: 2012.11.01 @ 10:50:38</p>		<p>Gore Oil Company PO Box 2757 Wichita KS 67202 + 4518</p>	
<p>TRIBOLITE TESTING, INC</p> 			
<p>Tool Information</p> <p>Drill Pipe: Length: 3341.00 ft Diameter: 3.80 inches Volume: 46.87 bbl Tool Weight: 2000.00 lb Heavy Wt. Pipe: Length: 0.00 ft Diameter: 2.70 inches Volume: 0.00 bbl Weight set on Packer: 20000.00 lb Drill Collar: Length: 0.00 ft Diameter: 2.25 inches Volume: 0.00 bbl Weight to Pull Loose: 56000.00 lb Tool Chased 0.00 ft String Weight: Initial 50000.00 lb Final 50000.00 lb Depth to Top Packer: 3340.00 ft Depth to Bottom Packer: ft Interval between Packers: 20.00 ft Tool Length: 40.00 ft Number of Packers: 2 Diameter: 6.75 inches Tool Comments:</p>			
<p>Tool Description</p> <p>Change Over Sub 1.00 3321.00 Shut In Tool 5.00 3326.00 Hydraulic tool 5.00 3331.00 Packer 4.00 3335.00 Packer 5.00 3340.00 Stubb 1.00 3341.00 Perforations 1.00 3342.00 Recorder 0.00 3342.00 Inside 8321 Recorder 0.00 3342.00 Outside 8737 Perforations 15.00 3357.00 Bullnose 3.00 3360.00 Bottom Packers & Anchor 20.00</p> <p>Total Tool Length: 40.00</p>			

Recovery Information

Length ft	Description	Volume bbl
1.00	Mud	0.014
Total Length:		1.00 ft
Total Volume:		0.014 bbl
Num Fluid Samples: 0		
Laboratory Name:		
Recovery Comments:		
Laboratory Location:		
Num Gas Bombs: 0		
Serial #:		

Recovery Table

Mud and Cushion Information

Mud Type: Gel Chem
 Mud Weight: 9.00 lb/gal
 Viscosity: 48.00 sec/qt
 Water Loss: 7.97 in³
 Resistivity: ohm.m
 Salinity: 1500.00 ppm
 Filter Cake: inches
 Cushion Type:
 Cushion Length: ft
 Cushion Volume: bbl
 Gas Cushion Type: psig
 Gas Cushion Pressure: deg API
 Oil API: ppm
 Water Salinity: ppm



DRILL STEM TEST REPORT

FLUID SUMMARY

Gore Oil Company
 PO Box 2757
 Wichita KS 67202 + 4518
 ATTN: Larry M Jack
 Test Start: 2012.11.01 @ 10:50:38
 Job Ticket: 44302
 DST#: 3
Stahl Trust #1
 11-9s-18w Rooks,KS

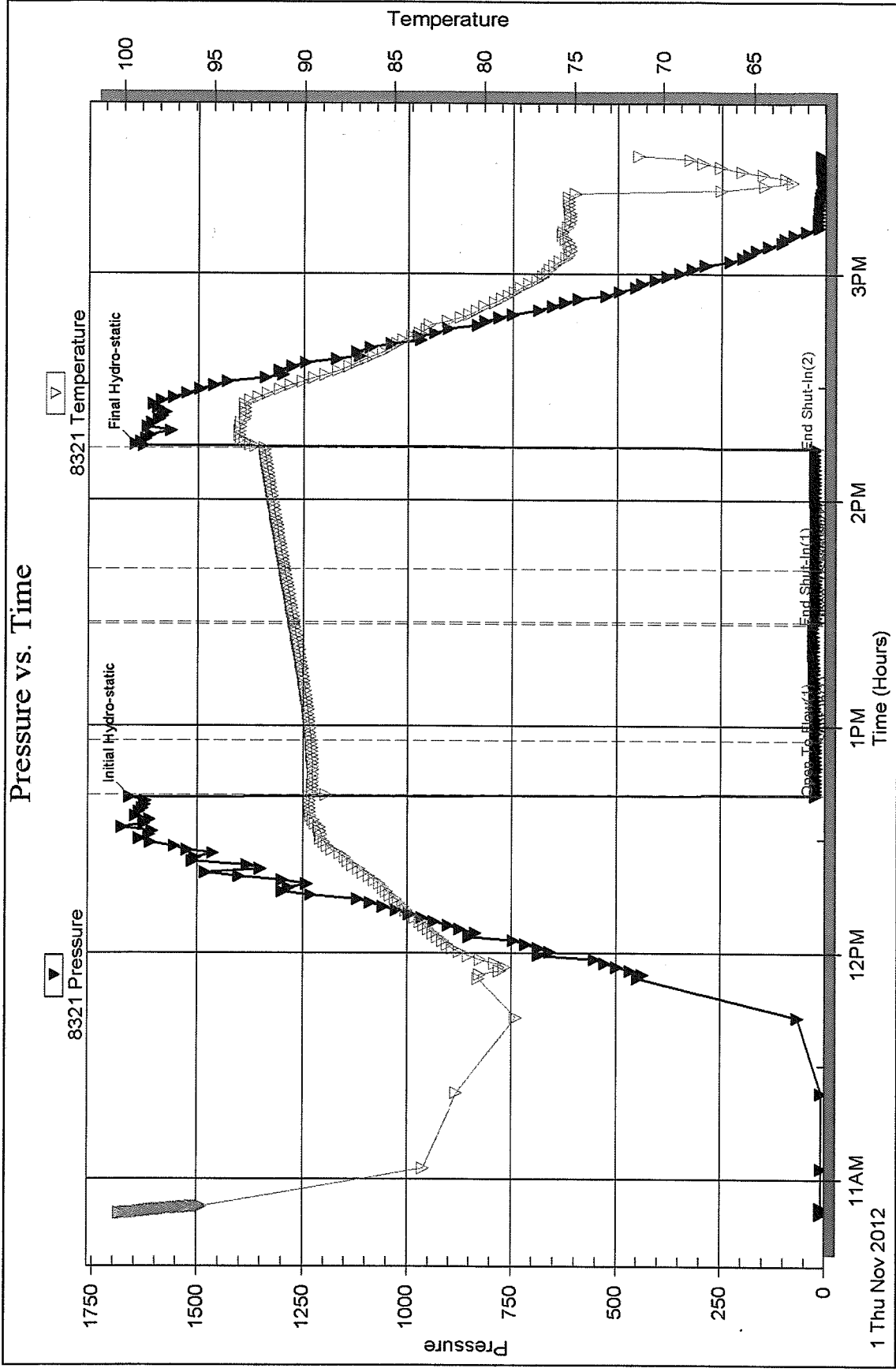
Serial #: 8321

Inside

Gore Oil Company

Stahl Trust #1

DST Test Number: 3



Serial #: 8737

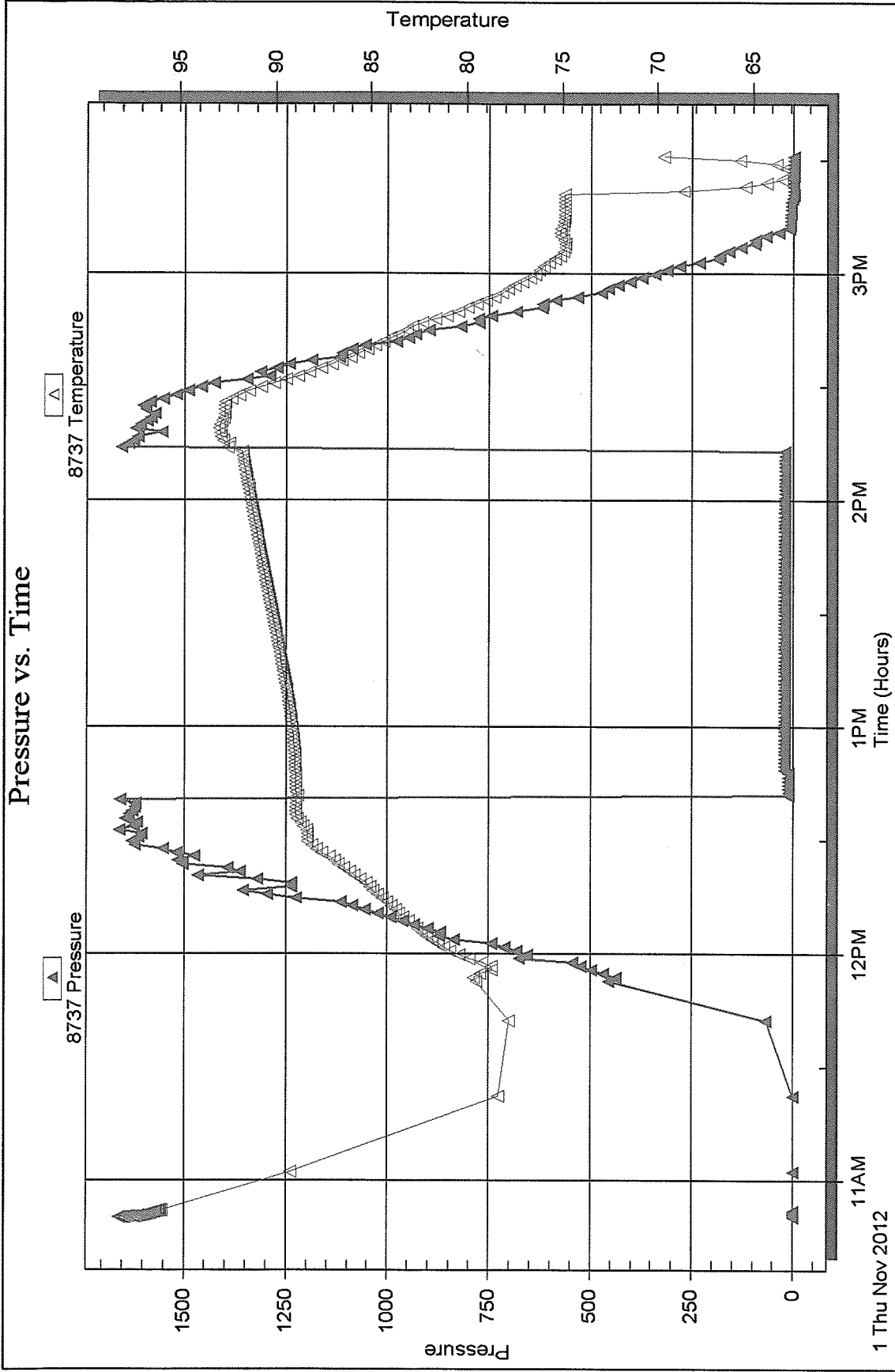
Outside

Gore Oil Company

Stahl Trust #1

DST Test Number: 3

Pressure vs. Time



Printed: 2012.11.13 @ 11:09:21

Ref. No: 44302

Trilobite Testing, Inc



DRILL STEM TEST REPORT

Prepared For: **Gore Oil Company**

PO Box 2757
Wichita KS 67202 + 4518

ATTN: Larry M Jack

Stahl Trust #1

11-9s-18w Rooks,KS

Start Date: 2012.11.02 @ 00:30:45

End Date: 2012.11.02 @ 07:30:44

Job Ticket #: 44303
DST #: 4

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

DRILL STEM TEST REPORT



Gore Oil Company
 PO Box 2757
 Wichita KS 67202 + 4518
 ATTN: Larry Mack

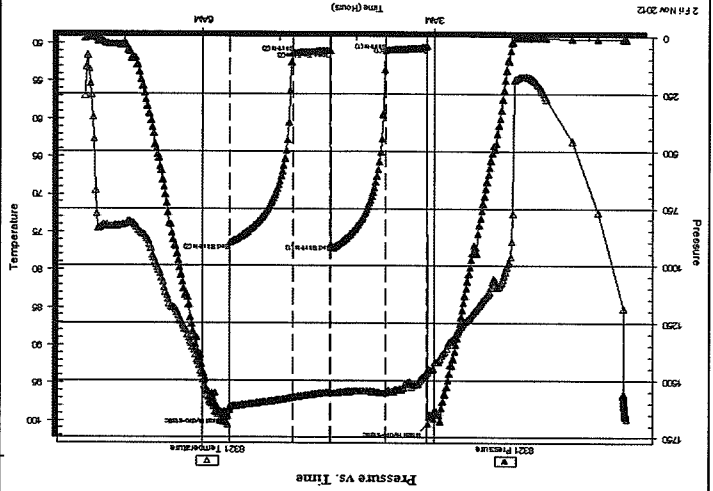
11-9s-18w Rooks, KS
 Stahl Trust #1
 Job Ticket: 44303
 DST#: 4
 Test Start: 2012.11.02 @ 00:30:45

GENERAL INFORMATION:

Formation: LKC-H1
 Deviated: No
 Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Jeff Brown
 Unit No: 44
 Reference Elevations: 2070.00 ft (KB)
 2062.00 ft (CF)
 8.00 ft
 Interval: 3380.00 ft (KB) To 3430.00 ft (KB) (TVD)
 Total Depth: 3430.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches-Hole Condition: Fair

TEST COMMENT:

Serial #: 8321
 Inside
 Press@RunDepth: 69.98 psig @ 3417.00 ft (KB)
 Start Date: 2012.11.02
 End Date: 2012.11.02
 Start Time: 00:30:46
 End Time: 07:30:44
 Capacity: 8000.00 psig
 Last Callb: 2012.11.02
 Time On Btm: 2012.11.02 @ 03:04:44
 Time Off Btm: 2012.11.02 @ 05:39:14
 IFF=Fair blow built to 4 3/4 in
 IS=Dead no blow back
 FFP=Weak blow built to 3 1/2 in
 FS=Dead no blow back



Recovery

Length (ft)	Description	Volume (bbl)
73.00	Mud	1.02

Triobite Testing, Inc

Ref. No: 44303

Printed: 2012.11.13 @ 11:06:40

PRESSURE SUMMARY

Annotation	Temp (deg F)	Pressure (psig)	Time (Min.)
Initial Hydro-static	93.74	1690.52	0
Open To Flow (1)	93.47	41.46	1
Shut-In(1)	96.37	62.06	33
End Shut-In(1)	96.39	904.59	76
Open To Flow (2)	96.25	61.50	76
Shut-In(2)	96.92	69.98	106
End Shut-In(2)	98.15	899.44	154
Final Hydro-static	98.43	1629.46	155

Gas Rates

Choke (Inches)	Pressure (psig)	Gas Rate (Mcfd)

DRILL STEM TEST REPORT



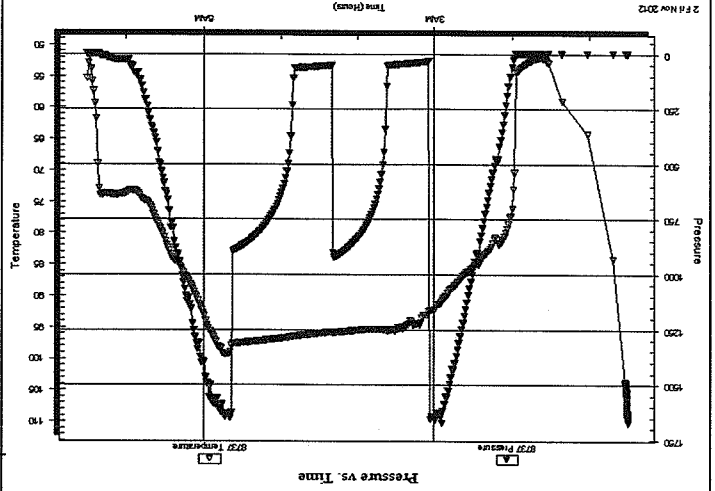
Gore Oil Company
 PO Box 2757
 Wichita KS 67202 + 4518
 ATTN: Larry M Jack

11-9S-18W Rooks,KS
Stahl Trust #1
 Job Ticket: 44303
 DST#: 4
 Test Start: 2012.11.02 @ 00:30:45

GENERAL INFORMATION:

Formation: LCC-H-I
 Deviated: No
 Whipstock: ft (KB)
 Time Tool Opened: 03:05:14
 Time Test Ended: 07:30:44
 Interval: 3380.00 ft (KB) To 3430.00 ft (KB) (TVD)
 Total Depth: 3430.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inchesHole Condition: Fair
 Serial #: 8737
 Outside
 Press@RunDepth: psig @ 3417.00 ft (KB)
 Start Date: 2012.11.02
 End Time: 00:30:01
 Capacity: 8000.00 psig
 Last Calib.: 2012.11.02
 Time On Btm: 07:30:00
 Time Off Btm:

TEST COMMENT: IFP=Fair blow built to 4 3/4 in
 IS=Dead no blow back
 FF=Weak blow built to 3 1/2 in
 FS=Dead no blow back



Recovery

Length (ft)	Description	Volume (bbt)
73.00	Mud	1.02

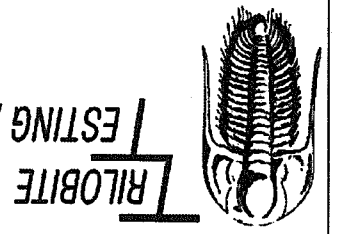
* Recovery from multiple tests

Gas Rates

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

PRESSURE SUMMARY

Time (Min.)
 Pressure (psig)
 Temp (deg F)
 Annotation



DRILL STEM TEST REPORT

TOOL DIAGRAM

Gore Oil Company
 PO Box 2757
 Wichita KS 67202 + 4518
 ATTN: Larry Mack
 Test Start: 2012.11.02 @ 00:30:45

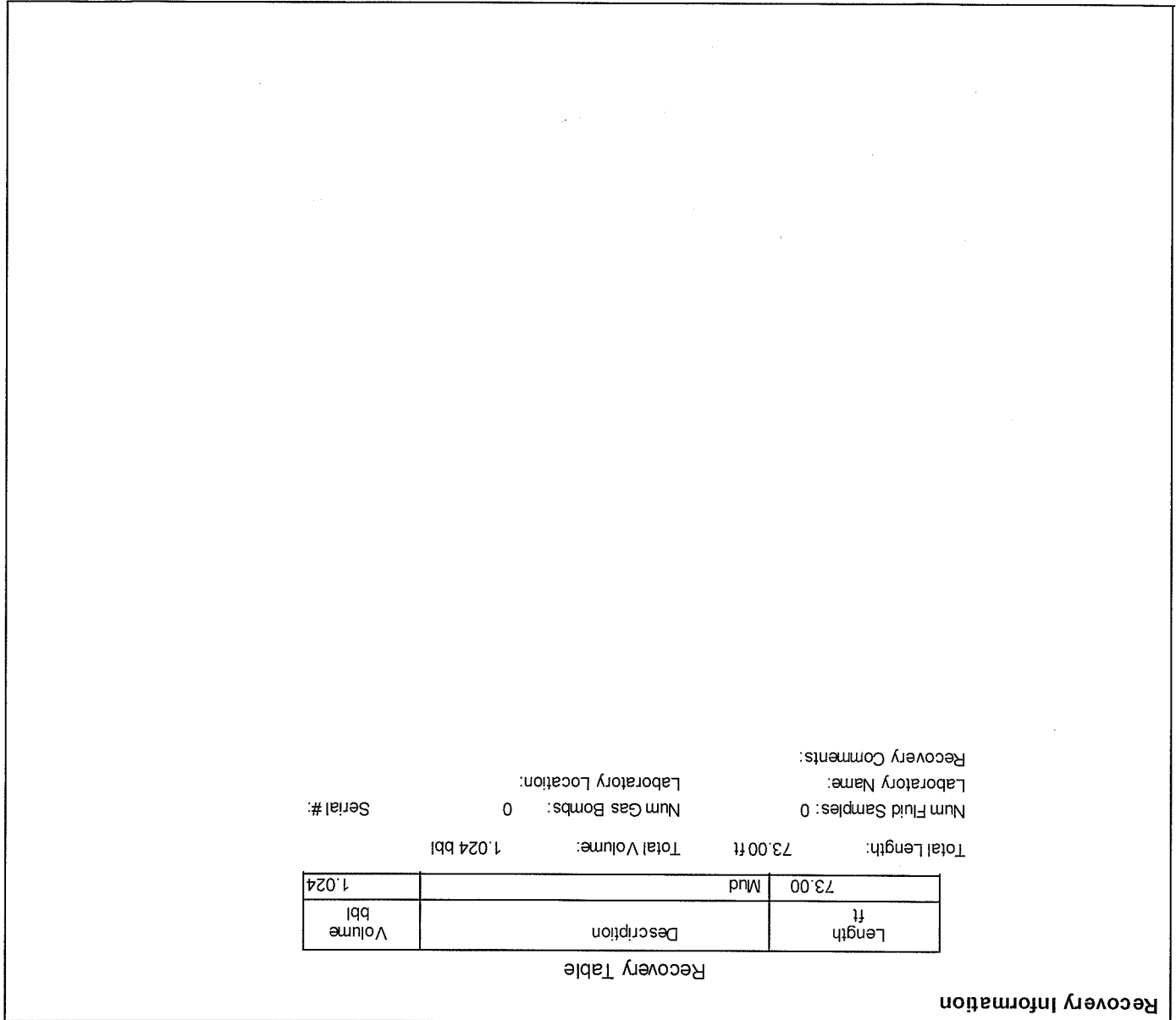
11-9s-18w Rooks,KS
 Stahl Trust #1
 Job Ticket: 44303
 DST#:4

Tool Information

Drill Pipe:	Length: 3372.00 ft	Diameter: 3.80 inches	Volume: 47.30 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 55000.00 lb
Total Volume: 47.30 bbl				
Drill Pipe Above KB:	12.00 ft	Tool Chased 0.00 ft		
Depth to Top Packer:	3380.00 ft	String Weight: Initial 49000.00 lb		
Depth to Bottom Packer:	ft	Final 50000.00 lb		
Interval between Packers:	50.00 ft			
Tool Length:	70.00 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				3361.00
Shut In Tool	5.00				3366.00
Hydraulic tool	5.00				3371.00
Packer	4.00				3375.00
Packer	5.00				3380.00
Stub	1.00				3381.00
Perforations	3.00				3384.00
Change Over Sub	1.00				3385.00
Drill Pipe	31.00				3416.00
Change Over Sub	1.00				3417.00
Recorder	0.00	8321	Inside		3417.00
Recorder	0.00	8737	Outside		3417.00
Perforations	10.00				3427.00
Bullnose	3.00				3430.00
Total Tool Length: 70.00					
Bottom Packers & Anchor	50.00				



Recovery Information

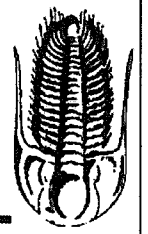
Length ft	Description	Volume bbl
73.00	Mud	1.024
Total Length:		73.00 ft
Total Volume:		1.024 bbl

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

Recovery Table

Mud and Cushion Information

Mud Type:	Gel Chem
Mud Weight:	9.00 lb/gal
Viscosity:	48.00 sec/qt
Water Loss:	7.97 in ³
Resistivity:	ohm.m
Salinity:	3500.00 ppm
Filter Cake:	inches
Cushion Type:	Oil API
Cushion Length:	ft
Cushion Volume:	bbl
Gas Cushion Type:	psig
Gas Cushion Pressure:	
deg API	ppm



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Gore Oil Company
 PO Box 2757
 Wichita KS 67202 + 4518
 ATTN: Larry M Jack
 Test Start: 2012.11.02 @ 00:30:45
 Job Ticket: 44303
 DST#: 4
Stahl Trust #1
11-9S-18W Rooks, KS

Serial #: 8321

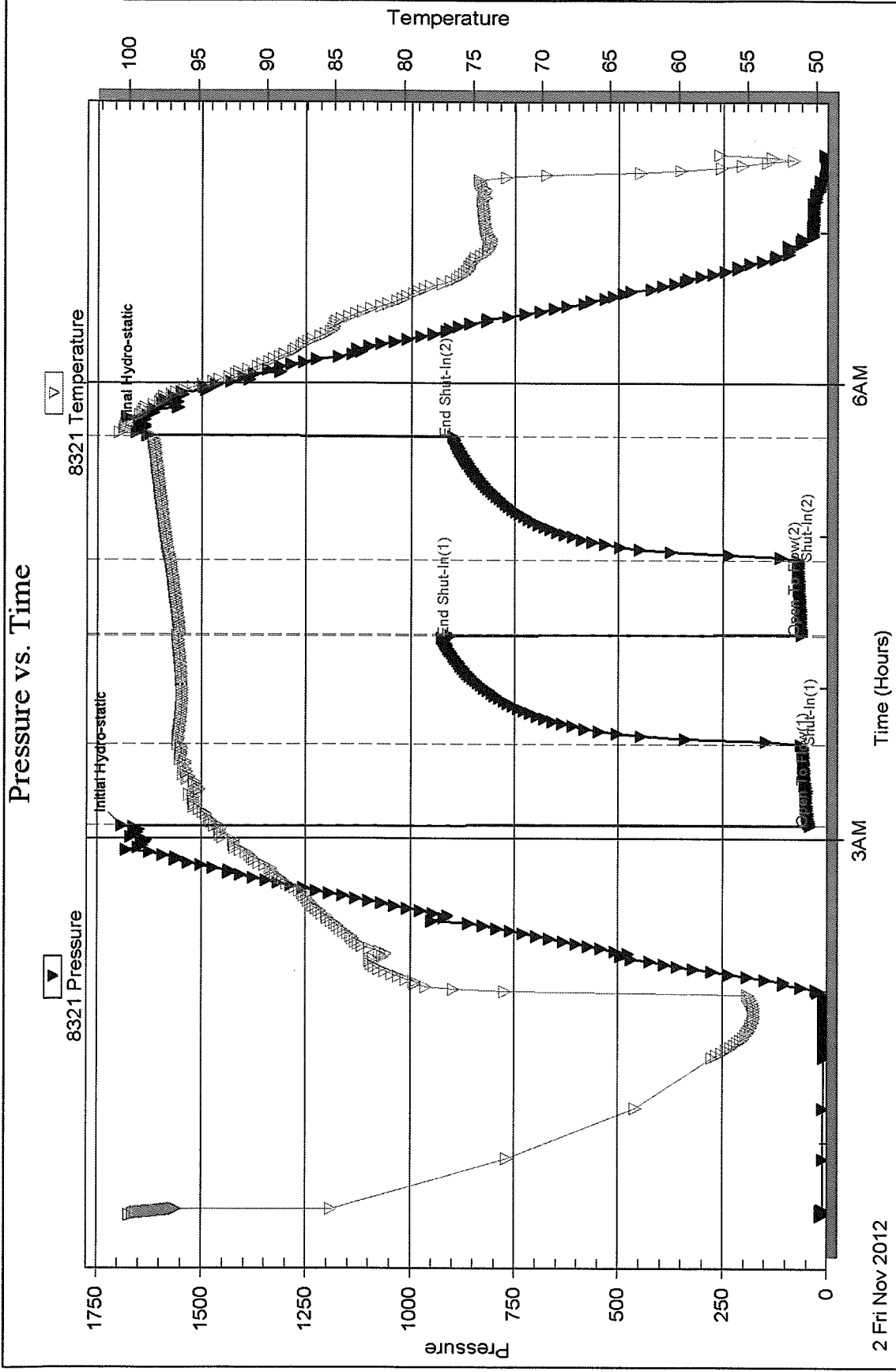
Inside

Gore Oil Company

Stahl Trust #1

DST Test Number: 4

Pressure vs. Time



Printed: 2012.11.13 @ 11:06:43

Ref. No: 44303

Trilobite Testing, Inc

Serial #: 8737

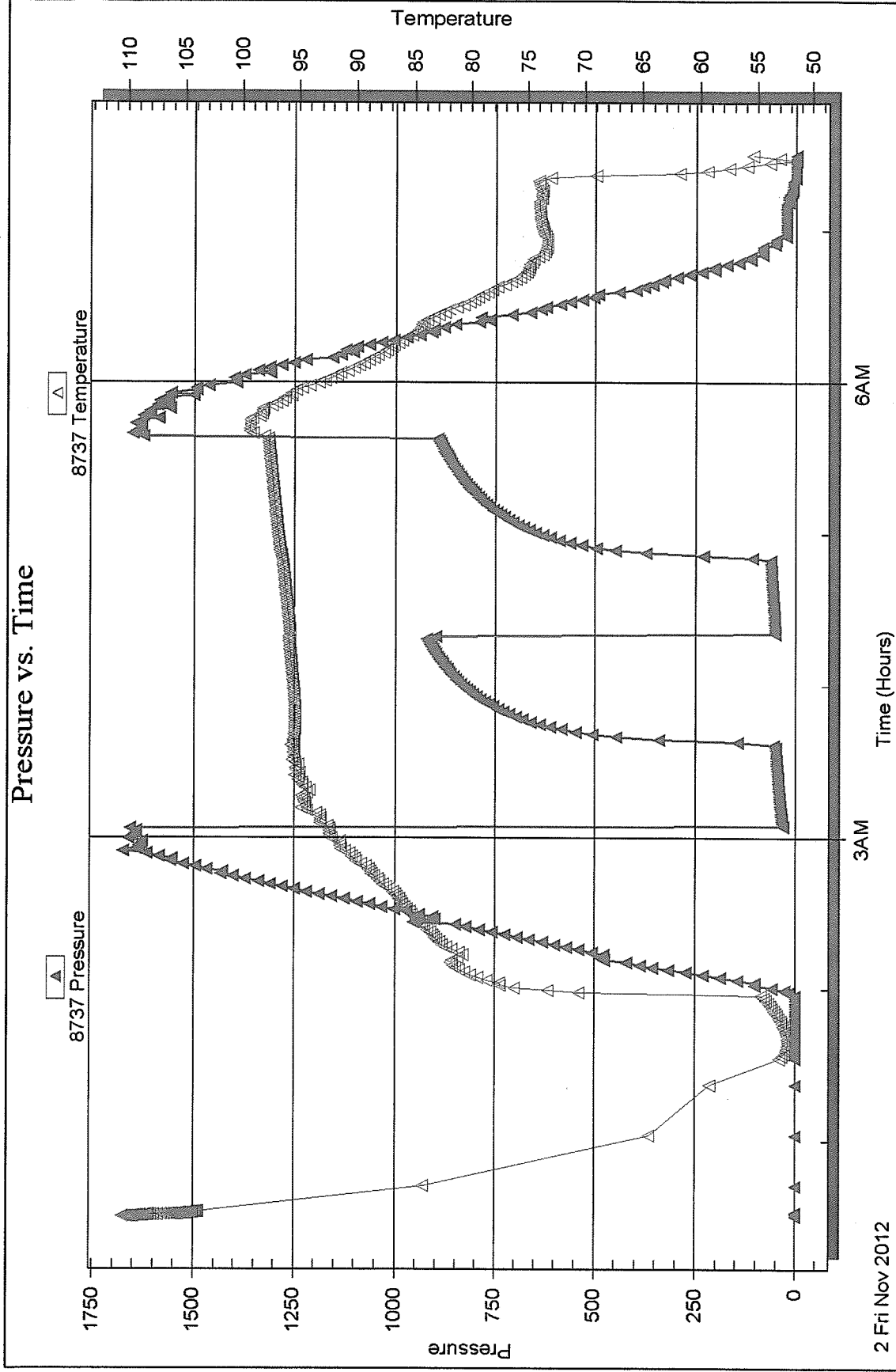
Outside

Gore Oil Company

Stahl Trust #1

DST Test Number: 4

Pressure vs. Time



2 Fri Nov 2012

3AM

6AM



DRILL STEM TEST REPORT

Prepared For: Gore Oil Company

PO Box 2757
Wichita KS 67202 + 4518

ATTN: Larry M Jack

Stahl Trust #1

11-9s-18w Rooks,KS

Start Date: 2012.11.02 @ 14:42:01

End Date: 2012.11.02 @ 20:53:01

Job Ticket #: 44304
DST #: 5

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

DRILL STEM TEST REPORT



Gore Oil Company
 PO Box 2757
 Wichita KS 67202 + 4518
 ATTN: Larry Mack

11-9s-18w Rooks,KS
 Stahl Trust #1
 Job Ticket: 44304
 DST#: 5
 Test Start: 2012.11.02 @ 14:42:01

GENERAL INFORMATION:

Formation: LKC-K-L
 Deviated: No
 Whipstock: ft (KB)
 Time Tool Opened: 16:33:01
 Time Test Ended: 20:53:01
 Interval: 3425.00 ft (KB) To 3471.00 ft (KB) (TVD)
 Total Depth: 3471.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inchesHole Condition: Fair
 Reference Elevations: 2070.00 ft (KB)
 2062.00 ft (CF)
 8.00 ft
 KB to GR/CF:

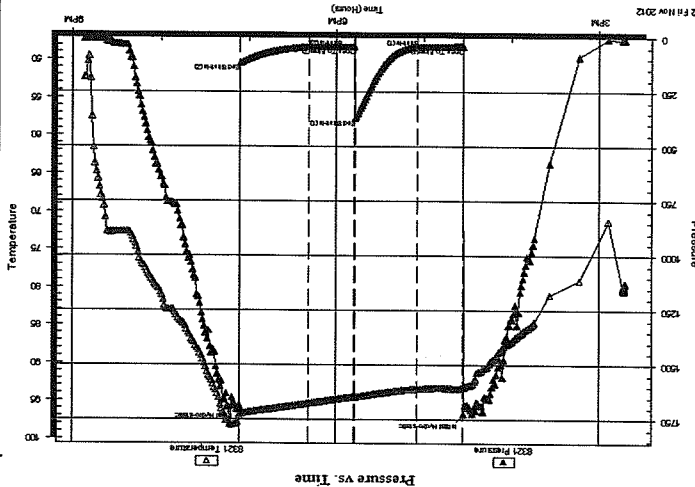
Serial #: 8321 Inside

Press@RunDepth: 41.44 psig @ 3462.00 ft (KB)
 Start Date: 2012.11.02
 End Date: 2012.11.02
 Start Time: 14:42:02
 End Time: 20:52:01
 Last Calib.: 2012.11.02
 Capacity: 8000.00 psig
 Time On Btm: 2012.11.02 @ 16:32:31
 Time Off Btm: 2012.11.02 @ 19:06:31

TEST COMMENT: IFP=Weak surface blow built to 1/4 in
 IS=Dead no blow back
 FFP=Dead no blow
 FS=Dead no blow back

PRESSURE SUMMARY

Annotation	Temp (deg F)	Pressure (psig)	Time (Min.)
Initial Hydro-static	93.25	1725.00	0
Open To Flow (1)	93.16	41.03	1
Shut-in(1)	93.47	41.66	32
End Shut-in(1)	94.55	373.07	75
Open To Flow (2)	94.50	42.83	76
Shut-in(2)	95.36	41.44	107
End Shut-in(2)	96.70	117.78	154
Final Hydro-static	97.06	1684.62	154



Recovery

Length (ft)	Description	Volume (bb)
5.00	WM with oil spots 2%W 98%M	0.07

Triobite Testing, Inc

Ref. No: 44304

Printed: 2012.11.13 @ 11:05:54

Gas Rates

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

DRILL STEM TEST REPORT



Gore Oil Company
 PO Box 2757
 Wichita KS 67202 + 4518
 ATTN: Larry Mack

11-9s-18w Rooks,KS
 Stahl Trust #1
 Job Ticket: 44304
 DST#: 5
 Test Start: 2012.11.02 @ 14:42:01

GENERAL INFORMATION:

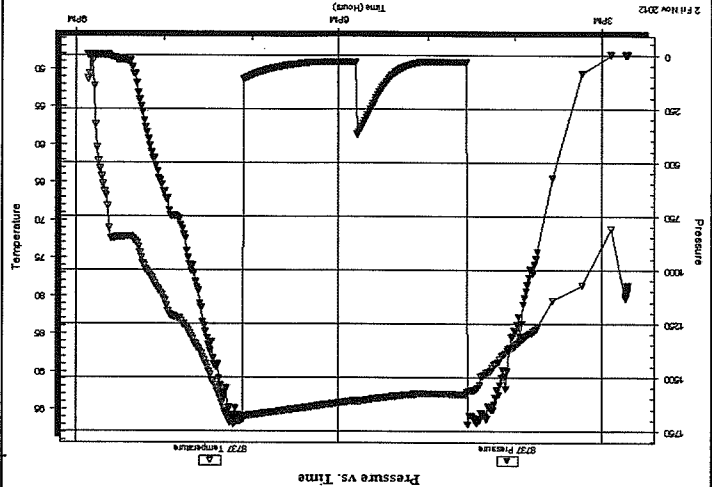
Formation: LKC-K-L
 Deviated: No
 Whipstock: ft (KB)
 Time Tool Opened: 16:33:01
 Time Test Ended: 20:53:01
 Interval: 3425.00 ft (KB) To 3471.00 ft (KB) (TVD)
 Total Depth: 3471.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inchesHole Condition: Fair
 Reference Elevations: 2070.00 ft (KB)
 2062.00 ft (CF)
 8.00 ft
 KB to GR/CF:

TEST COMMENT:

IFP=Weak surface blow built to 1/4 in
 IS=Dead no blow back
 FFP=Dead no blow
 FS=Dead no blow back

Serial #: 8737
 Outside
 Press@RunDepth: psig @ 3462.00 ft (KB)
 Start Date: 2012.11.02
 End Date: 2012.11.02
 Start Time: 14:42:02
 End Time: 20:52:01
 Capacity: 8000.00 psig
 Last Call: 2012.11.02
 Time On Btm: 2012.11.02
 Time Off Btm:

PRESSURE SUMMARY



Recovery

Length (ft)	Description	Volume (bbt)
5.00	MM with oil spots 2%W 98%M	0.07

* Recovery from multiple tests

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcfd)

Trilobite Testing, Inc


Ref. No: 44304

Printed: 2012.11.13 @ 11:05:55

DRILL STEM TEST REPORT		TOOL DIAGRAM			
<p>11-9s-18w Rooks,KS Stahl Trust #1 Job Ticket: 44304 DST#: 5</p>		<p>Gore Oil Company PO Box 2757 Wichita KS 67202 + 4518 ATTN: Larry Mack Test Start: 2012.11.02 @ 14:42:01</p>			
<p>Tool Information</p> <p>Drill Pipe: Length: 3435.00 ft Diameter: 3.80 inches Volume: 48.18 bbl Tool Weight: 2000.00 lb Heavy Wt. Pipe: Length: 0.00 ft Diameter: 2.70 inches Volume: 0.00 bbl Weight set on Packer: 20000.00 lb Drill Collar: Length: 0.00 ft Diameter: 2.25 inches Volume: 0.00 bbl Weight to Pull Loose: 69000.00 lb Tool Chased 0.00 ft String Weight: Initial 50000.00 lb Final 50000.00 lb Drill Pipe Above KB: 30.00 ft Depth to Top Packer: 3425.00 ft Interval between Packers: 46.00 ft Tool Length: 66.00 ft Number of Packers: 2 Diameter: 6.75 inches Tool Comments:</p>					
Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00	3406.00			
Shut In Tool	5.00	3411.00			
Hydraulic tool	5.00	3416.00			
Packer	4.00	3420.00		20.00	Bottom Of Top Packer
Packer	5.00	3425.00			
Stub	1.00	3426.00			
Perforations	3.00	3429.00			
Change Over Sub	1.00	3430.00			
Drill Pipe	31.00	3461.00			
Change Over Sub	1.00	3462.00			
Recorder	0.00	3462.00	Inside	8321	
Recorder	0.00	3462.00	Outside	8737	
Perforations	6.00	3468.00			
Bullnose	3.00	3471.00			
<p>Total Tool Length: 66.00</p>					Bottom Packers & Anchor

Recovery Information	
Recovery Comments:	
Laboratory Name:	
Laboratory Location:	
Num Fluid Samples: 0	Num Gas Bombs: 0
Serial #:	
Total Length: 5.00 ft	Total Volume: 0.070 bbl
5.00	WMW th oil spots 2%WV 98%M
ft	Volume bbl
0.070	

Mud and Cushion Information	
Mud Type: Gel Chem	
Mud Weight: 9.00 lb/gal	
Viscosity: 48.00 sec/qt	
Water Loss: 7.97 in ³	
Resistivity: ohm.m	
Salinity: 3500.00 ppm	
Filter Cake: inches	
Cushion Type:	
Cushion Length: ft	Oil API:
Cushion Volume: bbl	Water Salinity: ppm
Gas Cushion Type:	
Gas Cushion Pressure: psig	

 <p>TRIOBITE TESTING, INC</p>	<p>Gore Oil Company 11-9s-18w Rooks, KS Stahl Trust #1 Job Ticket: 44304 DST#: 5</p>
	<p>Wchita KS 67202 + 4518 PO Box 2757 ATTN: Larry M Jack Test Start: 2012.11.02 @ 14:42:01</p>

Serial #: 8321

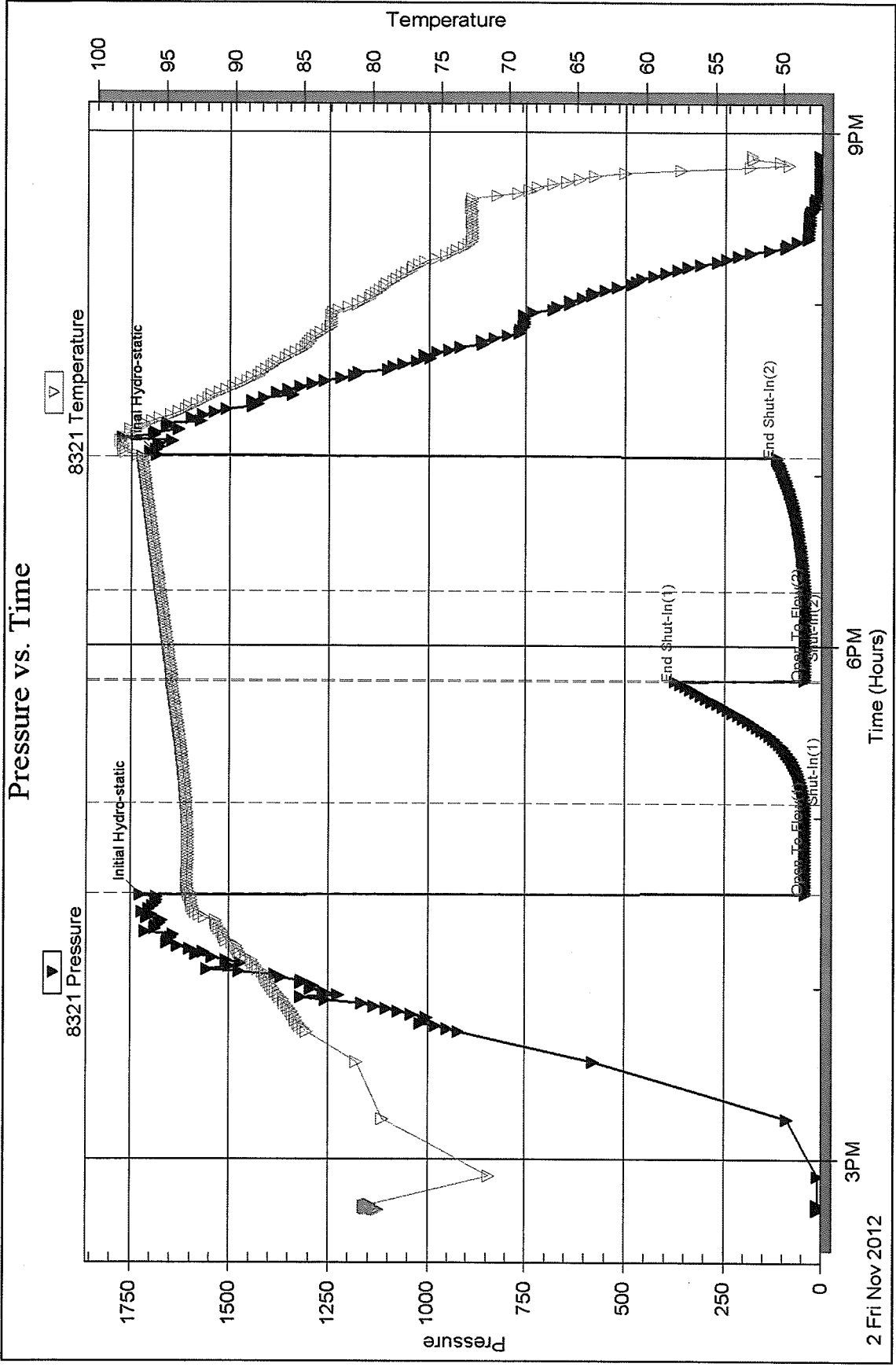
Inside

Gore Oil Company

Stahl Trust #1

DST Test Number: 5

Pressure vs. Time



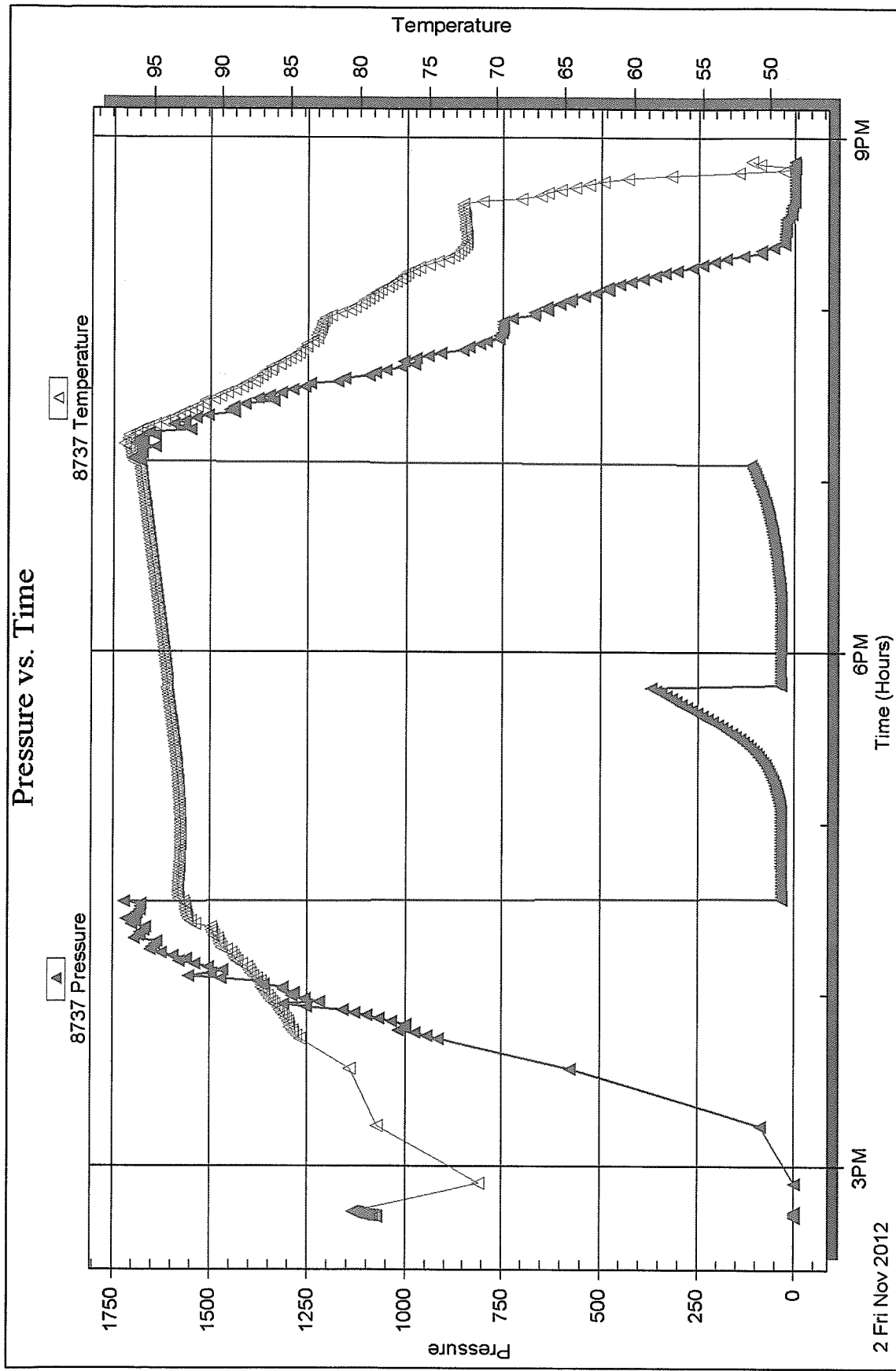
Serial #: 8737

Outside

Gore Oil Company

Stahl Trust #1

DST Test Number: 5



Printed: 2012.11.13 @ 11:05:58

Ref. No: 44304

Trilobite Testing, Inc



DRILL STEM TEST REPORT

Prepared For: **Gore Oil Company**

PO Box 2757
Wichita KS 67202 + 4518

ATTN: Larry M Jack

Stahl Trust #1

11-9s-18w Rooks,KS

Start Date: 2012.11.03 @ 05:52:10

End Date: 2012.11.03 @ 12:00:40

Job Ticket #: 44305
DST #: 6

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2012.11.13 @ 11:04:54

DRILL STEM TEST REPORT



Gore Oil Company

PO Box 2757
Wichita KS 67202 + 4518

ATTN: Larry Mack

11-9s-18w Rooks,KS

Stahl Trust #1

Job Ticket: 44305

DST#: 6

Test Start: 2012.11.03 @ 05:52:10

GENERAL INFORMATION:

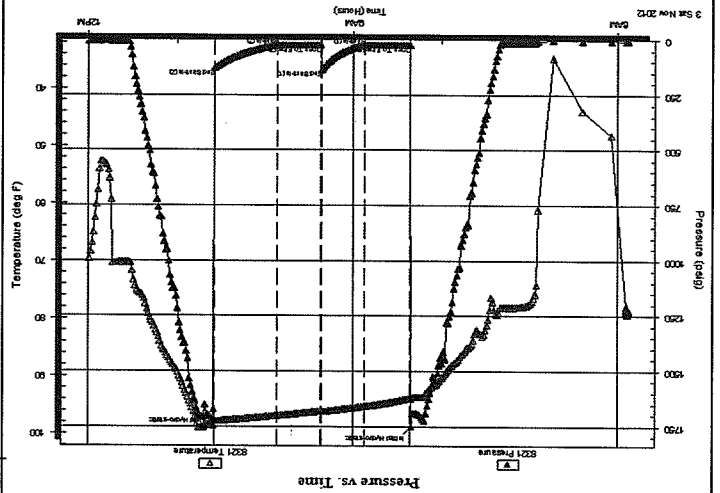
Formation: Arbuckle
Deviated: No
Whipstock: No
Test Type: Conventional Bottom Hole (Reset)
Tester: Jeff Brown
Unit No: 44
Reference Elevations: 2070.00 ft (KB)
2062.00 ft (CF)
8.00 ft
Interval: 3484.00 ft (KB) To 3530.00 ft (KB) (TVD)
Total Depth: 3530.00 ft (KB) (TVD)
Hole Diameter: 7.88 inchesHole Condition: Fair
Serial #: 8321
Inside
Press@RunDepth: 24.27 psig @ 3521.00 ft (KB)
Start Date: 2012.11.03
End Date: 2012.11.03
Start Time: 05:52:11
End Time: 11:59:40
Capacity: 8000.00 psig
Last Callb.: 2012.11.03
Time On Btm: 2012.11.03 @ 08:20:40
Time Off Btm: 2012.11.03 @ 10:35:10

TEST COMMENT:

IFP=Weak blow built to 1/8 in
IS=Dead no blow back
FFP=Dead no blow
FSI=Dead no blow back

PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1753.06	93.96	Initial Hydro-static
1	25.26	93.69	Open To Flow (1)
31	23.77	95.19	Shut-In(1)
61	135.68	96.15	End Shut-In(1)
61	26.00	96.13	Open To Flow (2)
91	24.27	96.83	Shut-In(2)
134	129.38	97.82	End Shut-In(2)
135	1672.79	98.58	Final Hydro-static



Recovery

Length (ft)	Description	Volume (bbt)
10.00	OCM 10%O 90%M	0.14
1.00	MO 20%M 80%O	0.01

* Recovery from multiple tests

Gas Rates

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

Trilobite Testing, Inc

Ref. No: 44305

Printed: 2012.11.13 @ 11:04:55

DRILL STEM TEST REPORT



Gore Oil Company
 PO Box 2757
 Wichita KS 67202 + 4518
 ATTN: Larry Mack

11-9s-18w Rooks,KS
 Stahl Trust #1
 Job Ticket: 44305
 DST#: 6
 Test Start: 2012.11.03 @ 05:52:10

GENERAL INFORMATION:

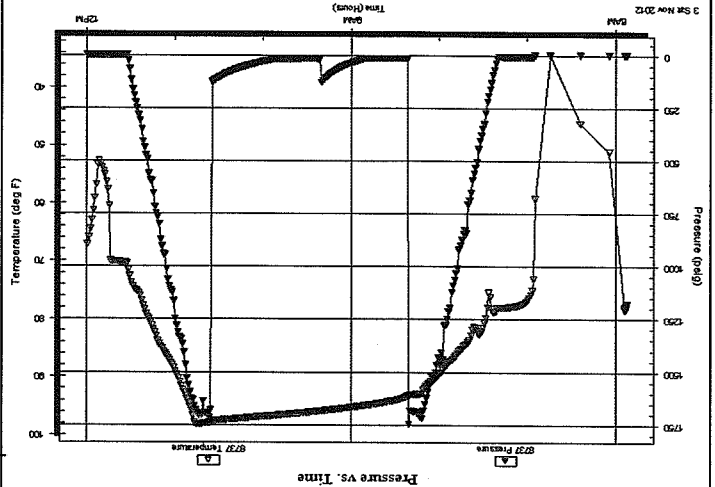
Formation: Arbuckle
 Deviated: No
 Whipstock: ft (KB)
 Time Tool Opened: 08:21:10
 Time Test Ended: 12:00:40
 Interval: 3484.00 ft (KB) To 3530.00 ft (KB) (TVD)
 Total Depth: 3530.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inchesHole Condition: Fair
 Reference Elevations: 2070.00 ft (KB)
 2062.00 ft (CF)
 8.00 ft
 KB to GR/CF:
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Jeff Brown
 Unit No: 44

Serial #: 8737
 Outside
 Press@RunDepth: psig @ 3521.00 ft (KB)
 Start Date: 2012.11.03
 End Date: 2012.11.03

Capacity: 8000.00 psig
 Last Calib.: 2012.11.03
 Time On Btm: 11:59:36
 Time Off Btm:

TEST COMMENT: IFP=Weak blow built to 1 1/8 in
 IS=Dead no blow back
 FFP=Dead no blow
 FS=Dead no blow back

PRESSURE SUMMARY



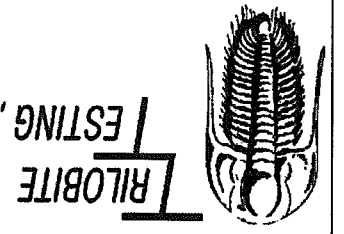
Recovery

Length (ft)	Description	Volume (bb)
10.00	OCM 10%O 90%M	0.14
1.00	MO 20%M 80%O	0.01

* Recovery from multiple tests

Gas Rates

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



DRILL STEM TEST REPORT

TOOL DIAGRAM

Gore Oil Company
 PO Box 2757
 Wichita KS 67202 + 4518
 ATTN: Larry Mack
 Test Start: 2012.11.03 @ 05:52:10

11-9s-18w Rooks,KS
 Stahl Trust #1
 Job Ticket: 44305
 DST#:6

Tool Information

Drill Pipe:	Length: 3497.00 ft	Diameter: 3.80 inches	Volume: 49.05 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 ft	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 59000.00 lb
<u>Total Volume: 49.05 bbl</u>				
Drill Pipe Above KB:	33.00 ft	Tool Chased 0.00 ft		
Depth to Top Packer:	3484.00 ft	String Weight: Initial 50000.00 lb		
Depth to Bottom Packer:	ft	Final 50000.00 lb		
Interval between Packers:	46.00 ft			
Tool Length:	66.00 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			3465.00	
Shut In Tool	5.00			3470.00	
Hydraulic tool	5.00			3475.00	
Packer	4.00			3479.00	Bottom Of Top Packer
Packer	5.00			3484.00	
Stubb	1.00			3485.00	
Perforations	3.00			3488.00	
Change Over Sub	1.00			3489.00	
Drill Pipe	31.00			3520.00	
Change Over Sub	1.00			3521.00	
Recorder	0.00	8321	Inside	3521.00	
Recorder	0.00	8737	Outside	3521.00	
Perforations	6.00			3527.00	
Bullnose	3.00			3530.00	
Total Tool Length: 66.00					Bottom Packers & Anchor

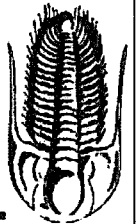
Recovery Information

Length ft	Description	Volume bbl
10.00	OCM 10%O 90%M	0.140
1.00	MO 20%M 80%O	0.014
Total Length: 11.00 ft		Total Volume: 0.154 bbl
Num Fluid Samples: 0		
Num Gas Bombs: 0		
Serial #:		
Laboratory Name:		
Laboratory Location:		
Recovery Comments:		

Recovery Table

Mud and Cushion Information

Mud Type:	Gel Chem
Mud Weight:	9.00 lb/gal
Viscosity:	48.00 sec/qt
Water Loss:	7.97 in ³
Resistivity:	ohm.m
Salinity:	3500.00 ppm
Filter Cake:	inches
Cushion Type:	
Cushion Length:	ft
Cushion Volume:	bbl
Gas Cushion Type:	
Gas Cushion Pressure:	psig
Oil API:	
Water Salinity:	ppm



TRIOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Gore Oil Company
11-9S-18W Rooks, KS
Stahl Trust #1
Job Ticket: 44305 DST#: 6
ATTN: Larry Mack
Test Start: 2012.11.03 @ 05:52:10

PO Box 2757
Wichita KS 67202 + 4518

DST Test Number: 6

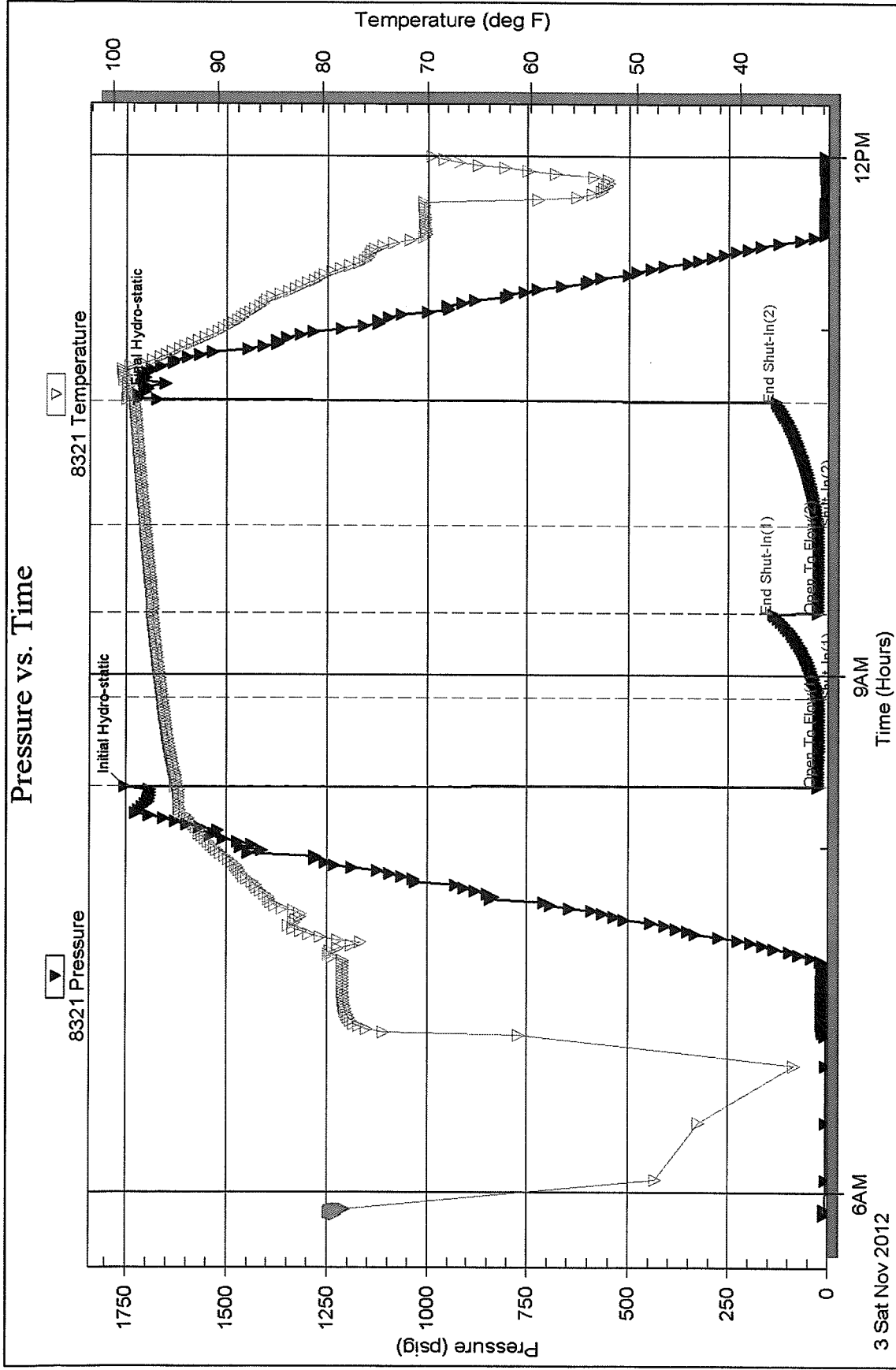
Stahl Trust #1

Gore Oil Company

Inside

Serial #: 8321

Pressure vs. Time



Printed: 2012.11.13 @ 11:04:58

Ref. No: 44305

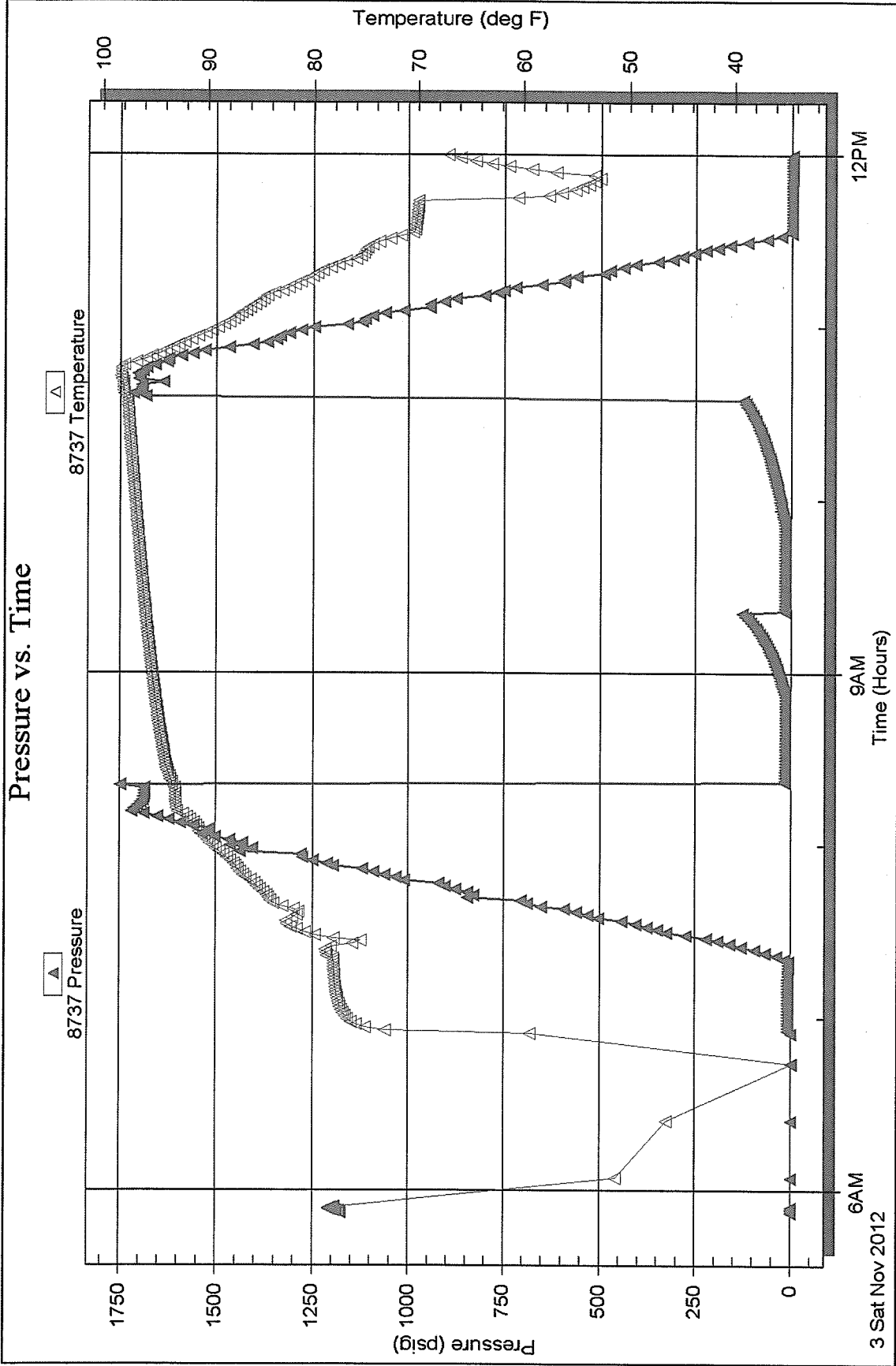
Trilobite Testing, Inc

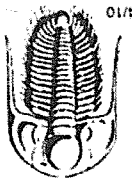
Serial #: 8737

Outside Gore Oil Company

Stahl Trust #1

DST Test Number: 6





TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket NO. 51049

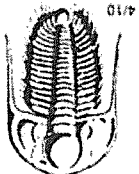
Well Name & No. STG1 TEST #1
 Company Gore Oil Company
 Address 202 S ST Francis # Box 2757 Wichita KS 67208 + 4518
 Co. Rep / Geo. Robert Hopkins
 Location: Sec. 11 Twp. 9 S Rge. 18 W Co. ROCKS State KS

Interval Tested 3237-3292 Zone Tested Leasing - A-B-C
 Anchor Length 55 Drill Pipe Run 3248 Mud Wt. 8.5
 Top Packer Depth 3232 Drill Collars Run 0 Vis 50
 Bottom Packer Depth 3237 Wt. Pipe Run 0 WL 8.0
 Total Depth 3292 Chlorides 2500 ppm System LCM 2 1/2
 Blow Description: # Good Blow BOB IN 29 min
Weak Surface Blow Back
Good Blow BOB IN 15 min
Weak Surface Blow Back

Rec	Feet of	%gas	%oil	%water
97	006m	20	20	50
20	006m	15	30	55
Rec	Feet of	%gas	%oil	%water
Rec	Feet of	%gas	%oil	%water
Rec	Feet of	%gas	%oil	%water

Rec Total 117 BHT 97 Gravity 1150 API RW @ F Chlorides ppm
 (A) Initial Hydrostatic 1635 Test
 (B) First Initial Flow 45 Jars
 (C) First Final Flow 68 Safety Joint
 (D) Initial Shut-In 773 Circ Sub
 (E) Second Initial Flow 69 Hourly Standby
 (F) Second Final Flow 83 Mileage 102.30
 (G) Final Shut-In 753 Sampler
 (H) Final Hydrostatic 1608 Straddle
 Initial Open 45 Shale Packer
 Initial Shut-In 45 Extra Packer
 Final Flow 30 Extra Recorder
 Final Shut-In 45 Day Standby
 Sub Total 1252.30 Accessibility
 MP/DST Disc't 1252.30 Sub Total 0
 Total 1252.30 MP/DST Disc't
 Sub Total 0 Extra Copies
 Ruined Packer
 Ruined Shale Packer
 Ruined Shale Packer

Approved By _____
 Our Representative Jeff Brown
 Triobite Testing Inc. shall not be liable for damaged or destroyed property or personnel 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. 51050

Well Name & No. STAL Trust #1
 Company Core Oil Company
 Address PO Box 2757 Wichita KS 67208 + 4518
 Co. Rep / Geo. Robert Hopkins
 Location: Sec. 11 Twp. 9S Rge. 18 W Co. Rooks State KS

Interval Tested 3293-3338
 Anchor Length 45
 Top Packer Depth 3288
 Bottom Packer Depth 3293
 Total Depth 3338
 Blow Description 1st. Good Blow BOB IN 18 Yards
1st. Dead No Blow Back
1st. Fair Blow 6:11 TO 9 IN
1st. Dead No Blow Back

Rec	1860	15	124	Rec	Rec	Rec	Rec
Feet of MW	1860	15	124	Feet of MW	1860	15	124
Feet of MW WITH OIL SPOTS				Feet of MW WITH OIL SPOTS			
%gas				%gas			
%oil				%oil			
%water				%water			
%mud				%mud			

Rec Total 3293 BHT 101 Gravity 1.150
 (A) Initial Hydrostatic 1640
 (B) First Initial Flow 35
 (C) First Final Flow 117
 (D) Initial Shut-In 786
 (E) Second Initial Flow 127
 (F) Second Final Flow 187
 (G) Final Shut-In 743
 (H) Final Hydrostatic 1572

Initial Open 30
 Initial Shut-In 45
 Final Flow 30
 Final Shut-In 45
 Sub Total 1252.30

MP/DST Discr
 Total 1252.30
 Sub Total 0

Approved By _____ Our Representative Jeff Brown

TriLOBITE Testing Inc. shall not be liable for damaged or destroyed property or 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.



TRIOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 44304

Well Name & No. Stahl Trust #1 Test No. 5 Date 11-2-12

Company Core Oil Company Elevation 2070 KB 2062 GL

Address Box 2757 Wichita, KS 67202 + 4518 Rig Maverick 108

Co. Rep / Geo. Robert Hopkins Location: Sec. 11 Twp. 9S Rge. 18W Co. Rooks State KS

Interval Tested 3425-3471 Zone Tested LKC-K-1

Anchor Length 46 Drill Pipe Run 3435 Mud Wt. 9.2

Top Packer Depth 3420 Drill Collars Run 0 Vis 48

Bottom Packer Depth 3425 Wt. Pipe Run 0 WL 8.0

Total Depth 3471 Chlorides 3500 ppm System LCM 2

Blow Description: 1/4 in Weak Surface Blow built to 1/4 in

Rec 5 Feet of Mud with oil spots

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 Feet of %gas %oil %water %mud

Rec Total 5 BHT 97

(A) Initial Hydrostatic 1725 (B) First Initial Flow 41

(C) First Final Flow 42 (D) Initial Shut-in 373

(E) Second Initial Flow 43 (F) Second Final Flow 41

(G) Final Shut-in 118 (H) Final Hydrostatic 11085

Initial Open 30 Initial Shut-in 45

Final Flow 30 Final Shut-in 45

Test 1150

Jars

Safety Joint

Circ Sub

Hourly Standby

Mileage 102.30

Sampler

Saddle

Shale Packer

Extra Packer

Extra Recorder

Day Standby

Accessibility

Sub Total 1252.30

MP/DST Disc 1252.30

Sub Total 0

MP/DST Disc 1252.30

Approved By _____

Our Representative Jeff Brown

Triobite Testing Inc. shall not be liable for damaged or 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.



TRIOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket
NO. 44305

Well Name & No.	Stahl Trust #1
Company	Gore Oil Company
Address	Box 2757 Wichita KS 67202 + 4518
Co. Rep / Geo.	Robert Hopkins
Location: Sec.	11
Twp.	9S
Rge.	18W
Co.	Rooks
State	KS

Interval Tested	3484 - 3530
Anchor Length	46
Top Packer Depth	3479
Bottom Packer Depth	3484
Total Depth	3530
Blow Description	IR-Heads Surface Blow Built to 1/8 IN
	IS-Dead No Blow Back
	FF-Dead No Blow Back
	IS-Dead No Blow Back

Rec	Feet of	%gas	%oil	%water	%mud
10	Feet of OCM		10		90
1	Feet of MB		80		80
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total	11
BHT	98
(A) Initial Hydrostatic	1753
(B) First Initial Flow	25
(C) First Final Flow	24
(D) Initial Shut-in	136
(E) Second Initial Flow	26
(F) Second Final Flow	24
(G) Final Shut-in	129
(H) Final Hydrostatic	1773

Initial Open	30
Initial Shut-in	30
Final Flow	30
Final Shut-in	45
Sub Total	1354.60

Approved By _____
 Our Representative **Jeff Brown**
 Triobite Testing Inc. shall not be liable for damaged or 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.

ROBERT T. HOPKINS, L.G., C.P.G.
709 Harold Ave.
Salina, Kansas 67401
cell (785) 819-2460

November 4, 2012

Gore Oil Company
Attention: Larry Jack
P.O. Box 2757
Wichita, Kansas 67201-2757

Gore Oil Co. – Stahl Trust #1, E/2 NE/4 Section 11-T9S-R18 W, Rooks County, Kansas

Larry:

Attached to this summary letter is my lithologic log for the above-captioned well. You indicated to me that Gore Oil Co. decided to plug this well.

No significant quantity of oil was recovered from any of the three DSTs. In addition, the well ran low to Stahl #1 to the northwest, in section 2-T9s-R18W (tops corrected to the Nabors open-hole log).

Only one “good” oil show was encountered in drill cuttings from this well, in the top of the Arbuckle Dolomite, from 3523-3530 ft. Note that the open-hole log was consistently 3 ft deeper than the Geolograph in the lowermost part of the boring.

Slight oil shows were observed in well cuttings as follows (corrected-to log depths):

LKC “A” zone – 3247-3250’ (this was covered by DST #1)

LKC “C” zone – 3284-3287’ (this was covered by DST #1)

LKC “D” zone – 3302-3304’ (this was covered by DST #2)

LKC “E” zone – 3323-3325’ (this was covered by DST #2)

LKC “F” zone – 3332-3335’ (this was covered by DST #2)

LKC “G” zone – 3342-3344’ (this was covered by DST #3)

LKC “I” zone – 3408-3410’ (this was covered by DST #4)

LKC “J” zone – 3424-3426’ (this was covered by DST #4)

ROBERT T. HOPKINS, L.G., C.P.G.
709 Harold Ave.
Salina, Kansas 67401
cell (785) 819-2460

November 4, 2012

Gore Oil Company
Attention: Larry Jack
P.O. Box 2757
Wichita, Kansas 67201-2757

Gore Oil Co. – Stahl Trust #1, E/2 NE/4 Section 11-T9S-R18 W, Rooks County, Kansas

Larry:

Attached to this summary letter is my lithologic log for the above-captioned well. You indicated to me that Gore Oil Co. decided to plug this well.

No significant quantity of oil was recovered from any of the three DSTs. In addition, the well ran low to Stahl #1 to the northwest, in section 2-T9s-R18W (tops corrected to the Nabors open-hole log).

Only one “good” oil show was encountered in drill cuttings from this well, in the top of the Arbuckle Dolomite, from 3523-3530 ft. Note that the open-hole log was consistently 3 ft deeper than the Geolograph in the lowermost part of the boring.

Slight oil shows were observed in well cuttings as follows (corrected-to log depths):

LKC “A” zone – 3247-3250’ (this was covered by DST #1)

LKC “C” zone – 3284-3287’ (this was covered by DST #1)

LKC “D” zone – 3302-3304’ (this was covered by DST #2)

LKC “E” zone – 3323-3325’ (this was covered by DST #2)

LKC “F” zone – 3332-3335’ (this was covered by DST #2)

LKC “G” zone – 3342-3344’ (this was covered by DST #3)

LKC “I” zone – 3408-3410’ (this was covered by DST #4)

LKC “J” zone – 3424-3426’ (this was covered by DST #4)

ROBERT T. HOPKINS, L.G., C.P.G.
709 Harold Ave.
Salina, Kansas 67401
cell (785) 819-2460

November 4, 2012

Gore Oil Company
Attention: Larry Jack
P.O. Box 2757
Wichita, Kansas 67201-2757

Gore Oil Co. – Stahl Trust #1, E/2 NE/4 Section 11-T9S-R18 W, Rooks County, Kansas

Larry:

Attached to this summary letter is my lithologic log for the above-captioned well. You indicated to me that Gore Oil Co. decided to plug this well.

No significant quantity of oil was recovered from any of the three DSTs. In addition, the well ran low to Stahl #1 to the northwest, in section 2-T9s-R18W (tops corrected to the Nabors open-hole log).

Only one “good” oil show was encountered in drill cuttings from this well, in the top of the Arbuckle Dolomite, from 3523-3530 ft. Note that the open-hole log was consistently 3 ft deeper than the Geograph in the lowermost part of the boring.

Slight oil shows were observed in well cuttings as follows (corrected-to log depths):

LKC “A” zone – 3247-3250’ (this was covered by DST #1)

LKC “C” zone – 3284-3287’ (this was covered by DST #1)

LKC “D” zone – 3302-3304’ (this was covered by DST #2)

LKC “E” zone – 3323-3325’ (this was covered by DST #2)

LKC “F” zone – 3332-3335’ (this was covered by DST #2)

LKC “G” zone – 3342-3344’ (this was covered by DST #3)

LKC “I” zone – 3408-3410’ (this was covered by DST #4)

LKC “J” zone – 3424-3426’ (this was covered by DST #4)

LKC "K" zone – 3440-3443' (this was covered by DST #5)

Conglomerate – 3518-3520' (this was covered by DST #6)

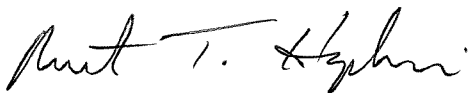
Any other shows noted on my Lithologic Log were not significant.

LOG TOP COMPARISON (to Stahl #1 = 2064' kb):

<u>Formation</u>	<u>#1 Stahl Trust log tops</u>	<u>compared to Stahl #1 log tops</u>	
Anhydrite	1396(+674)	+14	(+660)
Topeka Ls.	2993(-923)	-5	(-918)
Heebner Sh.	3206(-1136)	-8	(-1128)
Top LKC	3247(-1177)	-5	(-1172)
Base KC	3466(-1396)	-4	(-1392)
Arbuckle	3523(-1453)	-2	(-1451)

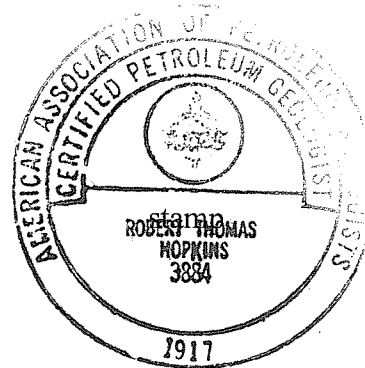
If you have any questions, please call me at 785-819-2460. Thank you for this opportunity to serve you!

Sincerely,



Robert T. Hopkins, L.G., C. P. G.

attachments



LITHOLOGIC LOG

ROBERT HOPKINS-consulting geologist

Operator Gore Oil Co.

Location E 1/2 NE 14 11-9S-18W

Lease/Well STAHL TRUST #1

County ROOKS State KS

scale 1" = 20'

GL 2062 KB 2070 * (measure from *)

depth this sheet - from 2900 to 3080

page 1 of 4

DRILLING TIME (min/ft)								DEPTH	tops	lith	DESCRIPTION (lithology, shows, mud properties)
1	2	3	4	5	6	7	8		shows	graph	
								2900		bf. fuxls tite lst, (MAVERICK 216 #108) n.s. (start on loc 10/30/2012) sl. fossiliferous (vis 50+ wt. 8.9) gry sh. Anhydrite 1399(+671)	
										bf-gry fn-med xls foss. lst, tite, n.s. gry sh.	
								50		limy	
										bf-gry fuxls foss. lst., tite, n.s. gry sh.	
										Topoka 2994(-924)	
								3000		bf fuxls tite lst, n.s. (no fluorescence)	
										bf, tan, gry fuxls lst, sl. foss, n.s., tite dk gry sh.	
								50		bf-gry fn-med xls lst, sl. foss., tite, n.s. (vis 50, wt 8.9)	
										bf fuxls. lst, chalky, g. φ, n.s.	
								20			

LITHOLOGIC LOG

ROBERT HOPKINS-consulting geologist

Operator Gore Oil Co.
 Lease / Well STAHL TRUST #1
 GL KB 2070 (measure from *)

Location E 1/2 NE 14 11-95-18W
 County Rooks State KS scale 1" = 20'
 depth this sheet - from 3080 to 3260 page 2 of 4

DRILLING TIME (min/ft)								DEPTH	tops shows	lith graph	DESCRIPTION (lithology, shows, mud properties)
1	2	3	4	5	6	7	8				
								80			bf-gry fuxls foss. lst, tite, n.s. gry sh - sdy sh; limy (vis 51; wt. 8.7)
								3100			bf, brn, gry. fuxls foss. lst, tite, n.s. bf-brn tite lst, n.s. gry sh. gry fuxls foss. lst, tite, n.s.
								50			blk sh. bf fuxls lst, sl. phi, trc. brn. str., (cherty) no free oil or fluorescence <u>Oread Ls.: 3148'</u>
											bf-brn cherty lst; tite, n.s.; pyritic gry fuxls tite foss lst, n.s. bf fuxls chalky lst, sl. pinpt. phi, trc. oil str., v. pr. fluorescence gry. fn-medxln tite lst, foss., n.s.
								3200			<u>Heebner Sh. 3207' (-1137)</u> -blk sh., pyritic gry sh - sdy sh. (vis 54; wt. 9.0)
											bf fn-medxln tite lst, n.s., except trc. brn str. <u>Toronto 3229'</u> gry tite lst, n.s. lt. to dk gry sh. <u>LKC 3243(-1178)</u>
								50			bf fuxls tite lst, trc. pinpoint phi, trc. free oil, v. pr. str., pr. fluorescence

A

LITHOLOGIC LOG

ROBERT HOPKINS-consulting geologist

Operator GORE Oil Co.
 Lease / Well STAHL TRUST #1
 GL KB 2070 (measure from *)

Location E 1/2 NE 1/4 11-95-18W
 County Rooks State KS scale 1" = 20'
 depth this sheet - from 3260 to 3440 page 3 of 4

DRILLING TIME (min/ft)								DEPTH	tops shows	lith graph	DESCRIPTION (lithology, shows, mud properties)
1	2	3	4	5	6	7	8				
								60			bf. fuxln tite lst., n.s. (vis 53; wt. 9.1) cherty
								DST #1			gry sh - dk gry sh.
								CFS @ 3292			bf fuxln lst, sl. pinpoint ϕ , fair free oil, pr. str., tite lst., n.s. <u>good odor</u> trc. br. fluorescence
								3300			dk gry sh.
								DST #2			REC: 97' 06CM + 20' HOGCM SIP: 773-753 # FP: 45-68 #, 69-83 # STRAP 1.79' low
											bf fuxln lst, sl. pinpoint ϕ , scatt. str., trc free oil, no fluor. gry cherty lst; tite, n.s. blk. sh.
											bf fuxln foss lst, sl ϕ , trc free oil, pr. str., sl. odor, pr. fluorescence gry tite lst., n.s. (vis 54, wt. 9.8)
											DST #2: 3293-3338 30-45-30-45"
											REC: 136' MW, 15' MW w/oil spots; 124' MW w/oil spots SIP: 786-743 # FP: 35-117 #, 127-187 # (vis 53; wt 9.3)
								50			bf w-med xln lst, sl. vuggy ϕ , trc free oil, sl. str., sl. odor pr. fluorescence bf-gry fuxln tite lst., n.s.
											DST #3: 3340-3360 15-30-15-30" - dead
											REC: 1' mud SIP: 29-25 # FP: 22-23 #; 22-23 # (vis. 50, wt. 9.7)
											dk gry limy sh.
											bf-gry fuxln cherty lst, sl ϕ , n.s.
											tite lst, as above, n.s.
											bf fuxln foss. lst, sl. ϕ , n.s.
											dk gry - blk sh. pyritic
								3400			bf tite fuxln lst, cherty, n.s.
											bf fuxln lst, v. sl. pinpoint ϕ , some str., no free oil sl. odor, v. pr. fluorescence, dk gry sh.
											bf fuxln cherty lst, trc vuggy ϕ good str., no free oil v. sl. odor, pr. fluor
											DST #4: 3380-3430 30-45-30-45
											REC: 73' MUD SIP: 905-899 # FP: 41-62 #; 62-70 #
											tite lst., n.s. blk sh.; gry sh below
											bf fuxln lst, sl. ϕ , good free oil, some str., sl. odor

LITHOLOGIC LOG

ROBERT HOPKINS-consulting geologist

Operator GORE OIL Co.
 Lease / Well STAHL TRUST #1
 GL KB 2070 (measure from *)

Location E 1/4 NE 1/4 11-9s-18W
 County Rooks State KS scale 1" = 20'
 depth this sheet - from 3440 to 3580 RTD page 4 of 4

DRILLING TIME (min/ft)								DEPTH	tops shows	lith graph	DESCRIPTION (lithology, shows, mud properties)
1	2	3	4	5	6	7	8				
								40			bf f-x med xls fite lst, sl. cherty, foss, n.s. (vis 57; wt. 9.2)
								50			dk gry f-x xls foss lst, fite n.s.; pyritic BKC 3470(-1400)
								DST #5			blk sh; pyritic
								3471			wh-gry f-x xls fite lst, n.s.; sl. oolitic
								CFS 3471			bf-brn fite lst, n.s.
											dk gry sh.
											gry sh.
											wh fite lst, n.s.
											red to gry sh.
								3500			
								DST #6			wh sst, even str, trc free oil, no odor, dull fluor, no acid cut Conglomerate 3518' Arbuclote 3520(-1450)
											wh dolomite, good free oil, gd. blk str, sl. odor, even fluor, good acid cut
								CFS 3530			wh dolomite, poor ϕ , n.s. (fite); cherty
								CFS 3535			bf f-x xls dolomite, fair ϕ , n.s.;
								CFS 3540			
								50			wh-bf succrosic dolomite, w/ vuggy + fracture ϕ , n.s. (sl. oolitic) pyritic
											- trc dead oil str.
											wh coarse, succrosic dolomite, exc ϕ , n.s.
								3580			
								RTD			
											@TD new Nabors log suite;
											log consistently 3' deeper in lowermost 150'