



KANSAS CORPORATION COMMISSION 1074670  
OIL & GAS CONSERVATION DIVISION

Form ACO-1

June 2009

Form Must Be Typed

Form must be Signed

All blanks must be Filled

**WELL COMPLETION FORM**  
**WELL HISTORY - DESCRIPTION OF WELL & LEASE**

OPERATOR: License # \_\_\_\_\_

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: \_\_\_\_\_



1074670

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

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

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

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

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

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

TUBING RECORD:      Size: \_\_\_\_\_ Set At: \_\_\_\_\_ Packer At: \_\_\_\_\_ Liner Run:  Yes  No

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

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
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<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 (Specify) _____ <i>(Submit ACO-4)</i>	<b>PRODUCTION INTERVAL:</b> _____ _____
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Form	ACO1 - Well Completion
Operator	Gore Oil Company
Well Name	Ross D 5
Doc ID	1074670

Tops

Name	Top	Datum
Anhydrite	1436	+692
Topeka	3078	-950
Heebner	3298	-1170
Toronto	3318	-1190
Lansing	3342	-1214
B/KC	3580	-1452
Conglomerate	3600	-1472
Arbuckle	3668	-1540

# Invoice

INVOICE #	20278
DATE	9/12/2011



P. O. Box 466  
Ness City, KS 67560  
Off: 785-798-2300

**SWIFT**  
Services, Inc.

- Acidizing
- Cement
- Tool Rental

BILL TO  
Gore Oil Company  
202 Karner  
PO Box 878  
McCook, NE 69001-0878

TERMS	Well No.	Lease	County	Contractor	Well Type	Well Category	Job Purpose	Operator
Net 30	#	Ross D	Rooks	Maverick Drilling	Oil	Development	LongString	Dave
575D								
578D-L								
221								
281								
290								
402-5								
403-5								
404-5								
406-5								
407-5								
413-5								
419-5								
325								
276								
283								
284								
285								
581D								
583D								
<p>Subtotal</p> <p>Sales Tax Rooks County</p> <p><i>Ross</i></p> <p><i>dry off</i></p> <p><i>D-S</i></p>								
PRICE REF.		DESCRIPTION			QTY	UM	UNIT PRICE	AMOUNT
575D		Mileage - 1 Way			30	Miles	6.00	180.00
578D-L		Pump Charge - Long String			1	Job	1,500.00	1,500.00
221		Liquid KCL (Clayfix)			2	Gallon(s)	25.00	50.00
281		Mud Flush			2	Gallon(s)	1.25	625.00
290		D-Air			2	Gallon(s)	35.00	70.00
402-5		5 1/2" Centralizer			8	Each	250.00	560.00
403-5		5 1/2" Cement Basket			2	Each	70.00	500.00
404-5		5 1/2" Port Collar			2	Each	250.00	500.00
406-5		5 1/2" Latch Down Plug & Baffle			1	Each	2,400.00	2,400.00
407-5		5 1/2" Insert Float Shoe With Auto Fill			1	Each	250.00	250.00
413-5		5 1/2" Roto Wall Scratcher			1	Each	350.00	350.00
419-5		5 1/2" Rotating Head Rental			30	Each	40.00	1,200.00
325		Standard Cement			1	Each	200.00	200.00
276		Flocete			200	Sacks	13.50	2,700.00
283		Salt			50	Lb(s)	2.00	100.00
284		Calseal			1,000	Lb(s)	0.20	200.00
285		CFR-1			9	Sack(s)	35.00	315.00
581D		Service Charge Cement			100	Lb(s)	4.00	400.00
583D		Drayage			200	Sacks	2.00	400.00
<p>Total</p> <p>\$12,937.71</p>								

*DM*



BARTLESVILLE, OK 918/338-0808

ELDORADO, KS 316/322-7022

EUREKA, KS 620/583-7664

GILLETTE, WY 307/686-4914

OAKLEY, KS 785/672-2227

OTTAWA, KS 785/242-4044

THAYER, KS 620/839-5269


WORLAND, WY 307/347-4577

Signed \_\_\_\_\_

Date \_\_\_\_\_

Parts:	3433.92	Freight:	.00	Tax:	194.70	AR	4855.73
Labor:	.00	Misc:	.00	Total:	4855.73		
Sublt:	-517.89	Supplies:	.00	Change:	.00		

Amount Due 5395.25 if paid after 10/15/2011

*dry step*  
*Ross D-S*  


Part Number	Description	Qty	Unit Price	Total
1104S	CLASS "A" CEMENT (SALE)	175.00	16.8000	2940.00
1102	CALCIUM CHLORIDE (50#)	494.00	.8400	414.96
1118B	PREMIUM GEL / BENTONITE	329.00	.2400	78.96
9999-130	CASH DISCOUNT			-343.39
9999-130	CASH DISCOUNT			-174.50
463	CEMENT PUMP (SURFACE)	1.00	1025.00	1025.00
463	EQUIPMENT MILEAGE (ONE WAY)	40.00	5.00	200.00
463	TON MILEAGE DELIVERY	1.00	520.00	520.00

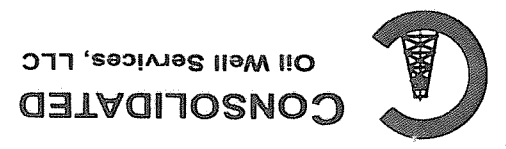
GORE OIL COMPANY  
 P.O. BOX 2757  
 WICHITA KS 67201-27587  
 (308) 345-1597

ROSS D-S  
 28193  
 17-10S-17M  
 09-06-2011  
 KS

Invoice Date: 09/15/2011 Terms: 10/10/30, n/30 Page 1

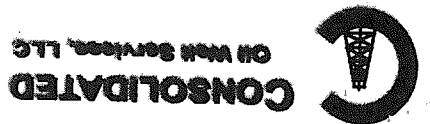
INVOICE # 244104 Invoice #

**REMIT TO**  
 Consolidated Oil Well Services, LLC  
 Dept. 970  
 P.O. Box 4346  
 Houston, TX 77210-4346



MAIN OFFICE  
 P.O. Box 884  
 Chanute, KS 66720  
 620/431-9210 • 1-800/467-8676  
 FAX 620/431-0012





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

**FIELD TICKET & TREATMENT REPORT**

**CEMENT**

DATE	9-6-11	CUSTOMER #	3373	WELL NAME & NUMBER	Ross D-#5
CUSTOMER	Goil Oil Co.				
MAILING ADDRESS	P.O. Box 1100, Chanute, KS 66703				
CITY	STATE	ZIP CODE			

JOB TYPE	Surface	HOLE SIZE	12 1/4"	HOLE DEPTH	266'	CASING SIZE & WEIGHT	8 5/8"
CASING DEPTH	270'	DRILL PIPE		TUBING		OTHER	
SLURRY WEIGHT	14.7	SLURRY VOL	1136	WATER gal/sk	6.5	CEMENT LEFT IN CASING	15'
DISPLACEMENT	16.2	DISPLACEMENT PSI		MIX PSI		RATE	

REMARKS: Safety meeting on 9/6/11 at 10:00 AM. 175 SKS Com 3900, 270 gal. Displace to Ball and Stud to Cement did circulate. Approx 6 Balls to pit.

THANKS Tuzzy + crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5405	1	PUMP CHARGE	1025.00	1025.00
5406	40	MILEAGE	5.00	200.00
5407a	8.23	Tom M. Large Delivery	1.57	580.00
11045	175 SKS	Class 'A' cement	16.80	2940.00
1102	494 #	Calcium Chloride	1.84	904.96
1118B	329 #	Bentonite	1.24	789.96
		Subtotal		5178.92
		Less 10% Discount		517.89
		SALES TAX		194.70
		ESTIMATED TOTAL		4855.73

AUTHORIZATION: *[Signature]*  
TITLE: *To Dispatcher*  
DATE: 9-6-2011

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.

TICKET NUMBER: 28193  
LOCATION: Chanute  
FOREMAN: Tuzzy





# Invoice

INVOICE #	20292
DATE	9/29/2011



P. O. Box 466  
 Ness City, KS 67560  
 Off: 785-798-2300



BILL TO  
 Gore Oil Company  
 202 Karrer  
 PO Box 878  
 McCook, NE 69001-0878

- Acidizing
- Cement
- Tool Rental

P.W. #1

TERMS	Well No.	Lease	County	Contractor	Well Type	Well Category	Job Purpose	Operator	
PRICE REF.	#	Ross D	Rooks	Murtin Drilling	Oil	Development	Cement Port Collar	Dave	
DESCRIPTION	QTY	UM	AMOUNT						
575D		Mileage - 1 Way		30	Miles		6.00	180.00	
576D-D		Pump Charge - Port Collar		1	Job		1,250.00	1,250.00	
290		D-Air		1	Gallon(s)		35.00	35.00T	
330		Swift Multi-Density Standard (MIDCON II)		165	Sacks		16.50	2,722.50T	
278		Calcium Chloride		2	Sack(s)		40.00	80.00T	
581D		Service Charge Cement		165	Sacks		2.00	330.00	
582D		Minimum Drayage Charge		1	Each		250.00	250.00	
Subtotal		Sales Tax Rooks County					6.30%	4,847.50	
								178.76	
								Total	\$5,026.26

Comp  
 off  
 Ross D-S

OK  
 up

We Appreciate Your Business!





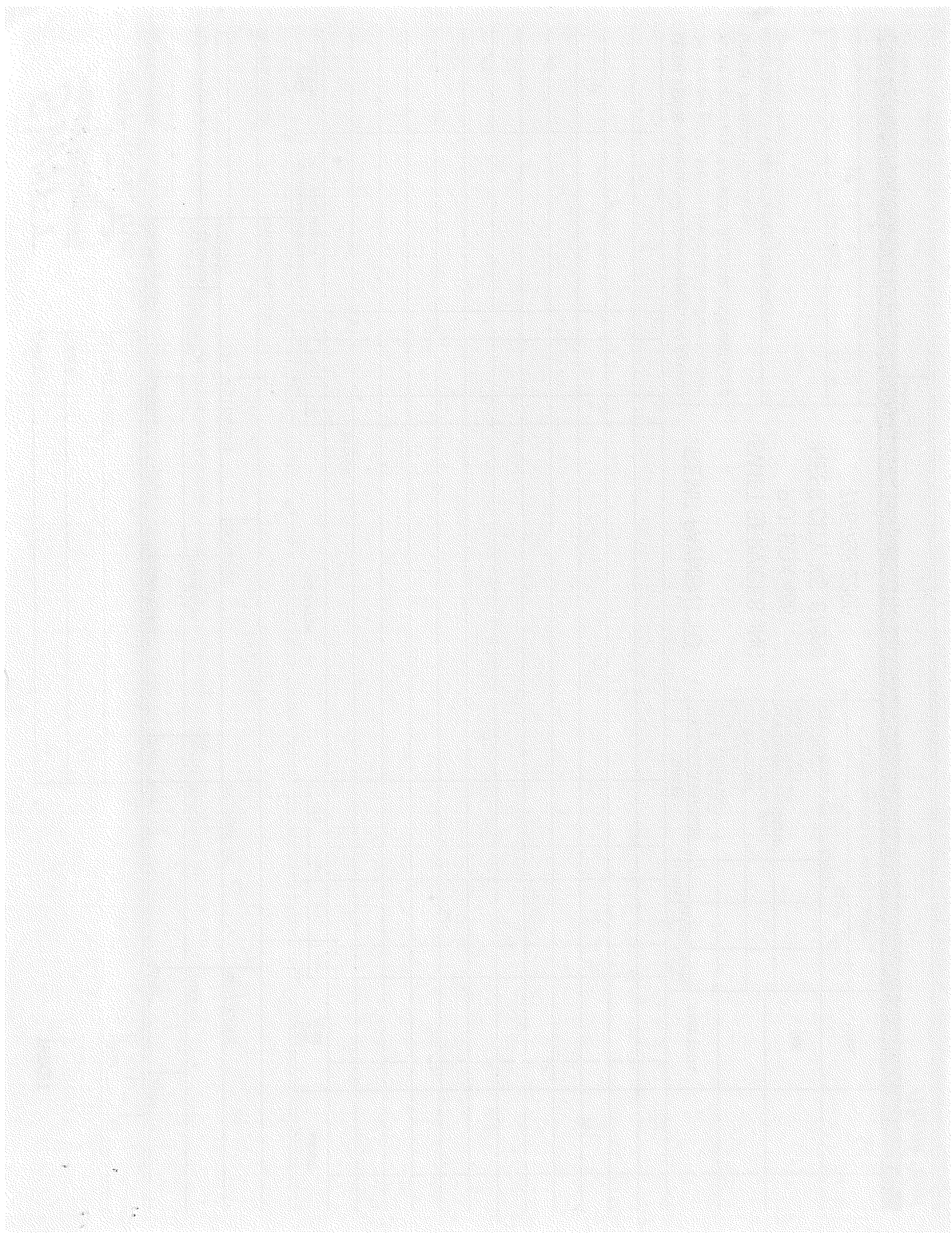
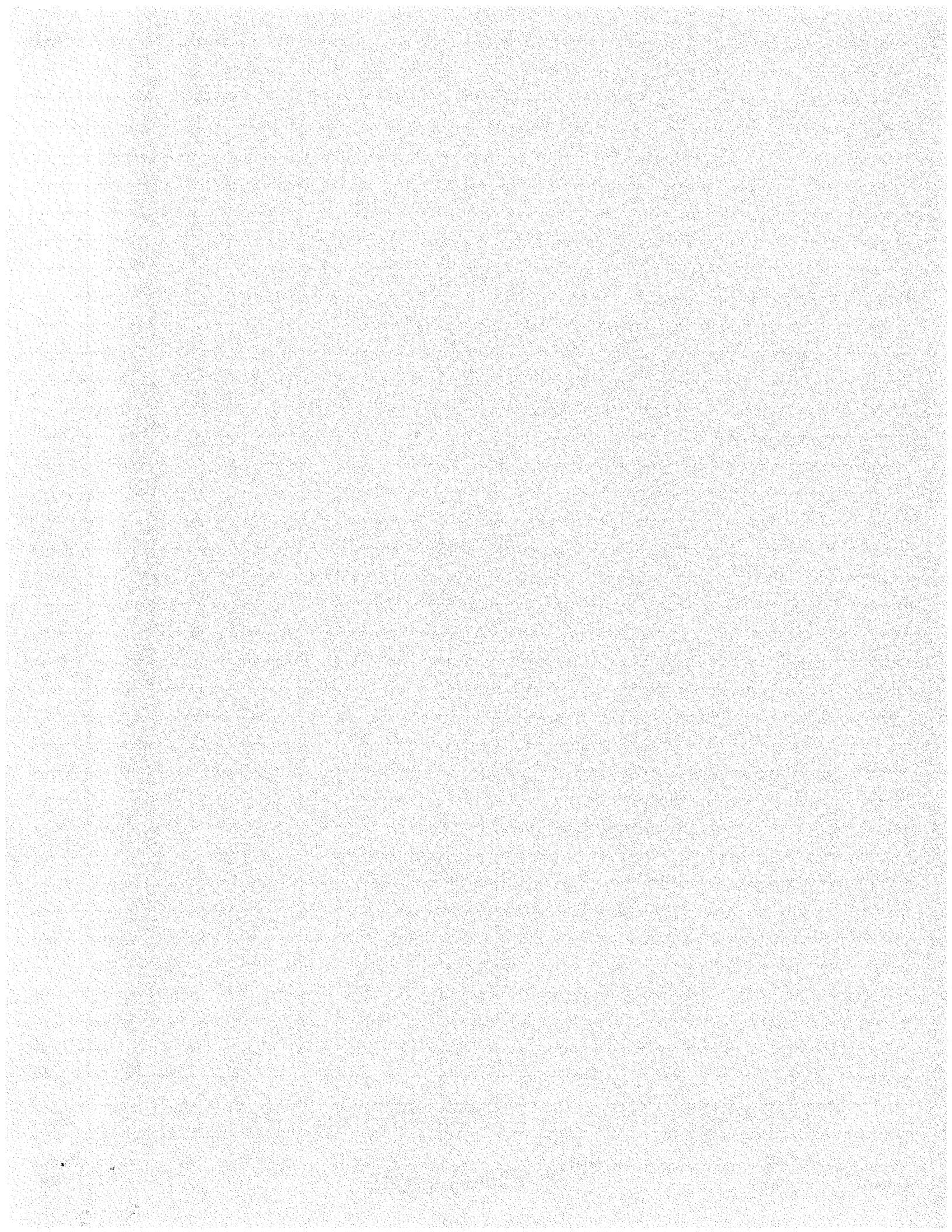


CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS			PRESSURE (PSI)	DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING CASING		
0700								0700-0800
0800								0800-0900
0900								0900-1000
1000								1000-1100
1100								1100-1200
1200								1200-1300
1300								1300-1400
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1600								1600-1700
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2700								2700-2800
2800								2800-2900
2900								2900-3000
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9800								9800-9900
9900								9900-10000

THANK YOU!  
 Mr. Tom Davis



ORIGINAL  
Printed: 2011.09.15 @ 10:02:17

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

PO Box 362 Hays, KS 67601

Trilobite Testing, Inc

Gore Oil Company Russ D #5 7-10s-17w Rooks,KS DST #1 Lancing "A-E" 2011.09.10

Start Date: 2011.09.10 @ 08:35:00  
End Date: 2011.09.10 @ 16:48:30  
Job Ticket #: 44540  
DST #: 1

~~Russ D #5~~

7-10s-17w Rooks,KS

ATTN: Don V. Rider

202 ST. Francis  
Wichita, KS 67202 + 4518

Prepared For: Gore Oil Company

DRILL STEM TEST REPORT





# DRILL STEM TEST REPORT



Gore Oil Company  
 202 St. Francis  
 Wichita, KS 67202 + 4518  
 ATTN: Don V. Rider

Russ D #5  
 7-10s-17w Rooks,KS  
 Job Ticket: 44540  
 DST#: 1  
 Test Start: 2011.09.10 @ 08:35:00

## GENERAL INFORMATION:

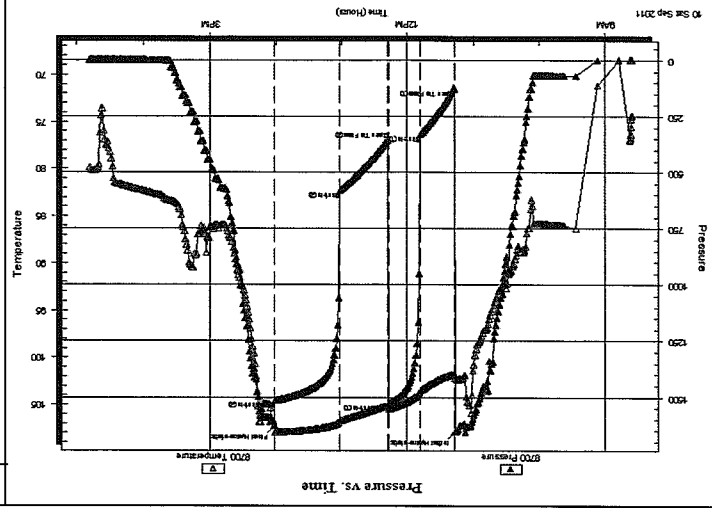
Formation: Lancing "A-E"  
 Deviated: No Whipstock  
 Time Tool Opened: 11:17:00  
 Time Test Ended: 16:48:30  
 Interval: 3292.00 ft (KB) To 3430.00 ft (KB) (TVD)  
 Total Depth: 3430.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inchesHole Condition: Good  
 Reference Elevations: 2138.00 ft (KB)  
 2128.00 ft (CF)  
 10.00 ft  
 KB to GR/CF:

## Serial #: 8700

Outside  
 Press@RunDepth: 581.59 psig @ 3427.00 ft (KB)  
 Start Date: 2011.09.10  
 End Date: 2011.09.10  
 Start Time: 08:35:05  
 End Time: 16:48:29  
 Capacity: 8000.00 psig  
 Last Callb.: 2011.09.10  
 Time On Btm: 2011.09.10 @ 11:16:30  
 Time Off Btm: 2011.09.10 @ 14:02:00

## TEST COMMENT:

30 - IF- B.O.B. in 2 min.  
 30 - ISF No blow back  
 45 - FF- B.O.B. in 3 min.  
 60 - FSF No blow back



## Recovery

Length (ft)	Description	Volume (bbl)
248.00	GMW 5%G, 10%M, 85%W	3.48
248.00	GOMW 5%G, 5%O, 10%M, 80%W	3.48
620.00	GMW 10%G, 20%W, 70%M	8.70

## Gas Rates

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

## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1653.37	102.27	Initial Hydro-static
1	128.66	101.82	Open To Flow (1)
31	331.96	103.52	Shut-in (1)
60	1526.20	105.52	End Shut-in (1)
61	353.62	105.15	Open To Flow (2)
105	581.59	106.76	Shut-in (2)
165	1515.19	107.94	End Shut-in (2)
166	1624.62	107.99	Final Hydro-static

**TOOL DIAGRAM**

**DRILL STEM TEST REPORT**



Gore Oil Company

Russ D #5

202 ST. Francis  
Wichita, KS 67202 + 4518

7-10S-17W Rooks,KS

ATTN: Don V. Rider

Test Start: 2011.09.10 @ 08:35:00

Job Ticket: 44540

DST#: 1

**Tool Information**

Drill Pipe:	Length: 3274.00 ft	Diameter: 3.80 inches	Volume: 45.93 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 70000.00 lb
Drill Pipe Above KB:	5.00 ft		Total Volume: 45.93 bbl	Tool Chased 0.00 ft
Depth to Top Packer:	3292.00 ft			String Weight: Initial 63000.00 lb
Depth to Bottom Packer:	ft			Final 66000.00 lb
Interval between Packers:	138.00 ft			
Tool Length:	161.00 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			3270.00
Shut In Tool	5.00			3275.00
Hydraulic tool	5.00			3280.00
Safety Joint	2.00			3282.00
Packer	5.00			3287.00
Packer	5.00			3292.00
Stub	1.00			3293.00
Perforations	5.00			3298.00
Change Over Sub	1.00			3299.00
Drill Pipe	126.00			3425.00
Change Over Sub	1.00			3426.00
Perforations	1.00			3427.00
Recorder	0.00	6625	Inside	3427.00
Recorder	0.00	8700	Outside	3427.00
Bullnose	3.00			3430.00
<b>Total Tool Length: 161.00</b>				
Bottom Packers & Anchor	138.00			

**FLUID SUMMARY**

**DRILL STEM TEST REPORT**



Gore Oil Company

Russ D #5

202 ST. Francis  
Wichita, KS 67202 + 4518

7-10s-17w Rooks,KS

Job Ticket: 44540 DST#:1

ATTN: Don V. Rider

Test Start: 2011.09.10 @ 08:35:00

**Mud and Cushion Information**

Mud Type: Gel Chem  
Mud Weight: 8.00 lb/gal  
Viscosity: 65.00 sec/qt  
Water Loss: 7.98 in<sup>3</sup>  
Resistivity: ohm.m  
Salinity: 1000.00 ppm  
Filter Cake: inches

Cushion Type: Oil API  
Cushion Length: ft  
Cushion Volume: bbl  
Water Salinity: ppm

Cushion Type:  
Cushion Length:  
Cushion Volume:  
Gas Cushion Type:  
Gas Cushion Pressure: psig

**Recovery Information**

Recovery Table

Length ft	Description	Volume bbl
248.00	GMMW 5%G, 10%M, 85%W	3.479
248.00	GOMW 5%G, 5%O, 10%M, 80%W	3.479
620.00	GMMW 10%G, 20%W, 70%M	8.697

Total Length: 1116.00 ft Total Volume: 15.655 bbl

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

Laboratory Name:

Laboratory Location:

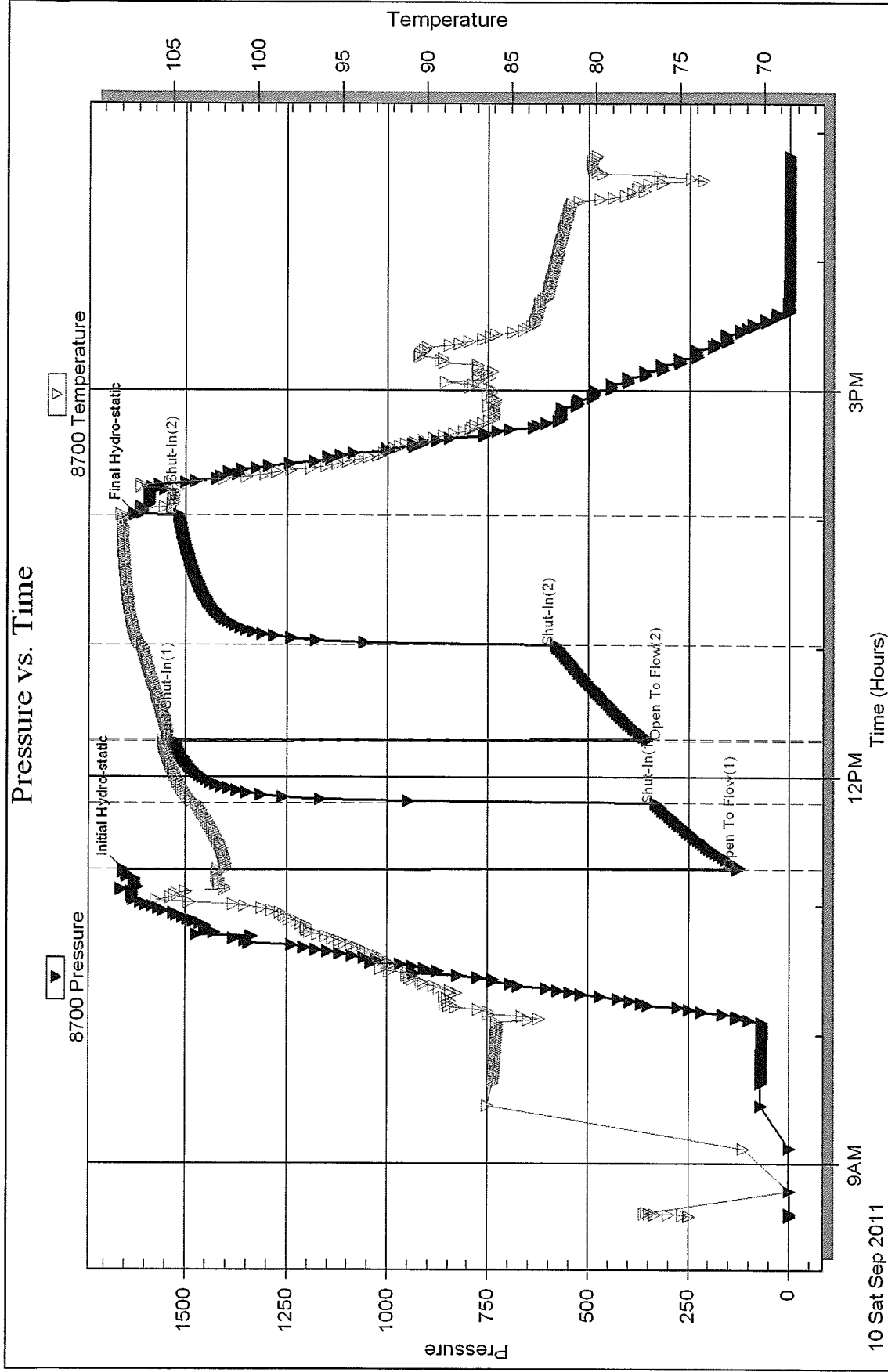
Recovery Comments:

Serial #: 8700

Outside Gore Oil Company

7-10s-17w Rooks,KS

DST Test Number: 1

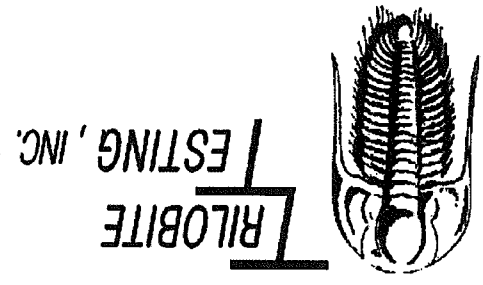


Trilobite Testing, Inc

Ref. No: 44540

Printed: 2011.09.15 @ 10:02:18





**DRILL STEM TEST REPORT**

Prepared For: **Gore Oil Company**

202 ST. Francis  
Wichita, KS 67202 + 4518

ATTN: Don V. Rider

**7-10s-17w Rooks,KS**

**Russ D #5**

Start Date: 2011.09.11 @ 03:53:00

End Date: 2011.09.11 @ 12:19:00

Job Ticket #: 44541 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  
 202 St. Francis  
 Wichita, KS 67202 + 4518  
 ATTN: Don V. Rider

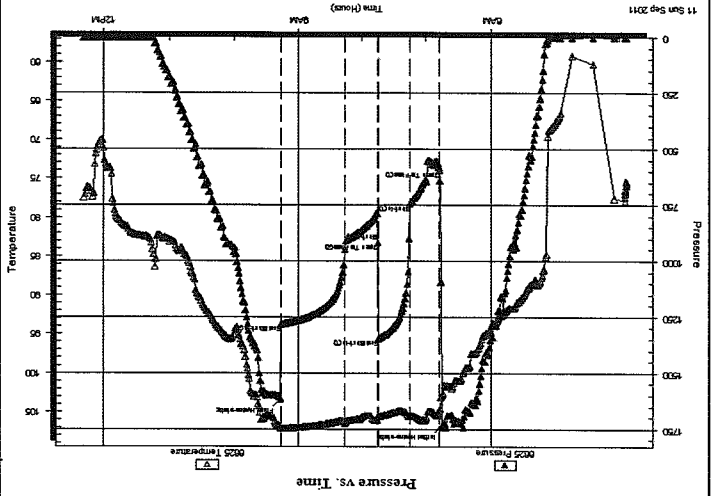
Russ D #5  
 7-10s-17w Rooks,KS  
 Job Ticket: 44541  
 DST#:2  
 Test Start: 2011.09.11 @ 03:53:00

## GENERAL INFORMATION:

Formation: KC "H-K"  
 Deviated: No Whipstock:  
 Time Tool Opened: 06:48:00  
 Time Test Ended: 12:19:00  
 Interval: 3464.00 ft (KB) To 3545.00 ft (KB) (TVD)  
 Total Depth: 3545.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inchesHole Condition: Good  
 Reference Elevations: 2138.00 ft (KB)  
 2128.00 ft (CF)  
 10.00 ft  
 KB to GR/CF:

**Serial #: 6625**  
 Inside  
 Press@RunDepth: 910.69 psig @ 3534.00 ft (KB)  
 Start Date: 2011.09.11  
 End Date: 2011.09.11  
 Start Time: 03:53:05  
 End Time: 12:18:59  
 Capacity: 8000.00 psig  
 Last Calib.: 2011.09.11  
 Time On Btm: 2011.09.11 @ 06:45:30  
 Time Off Btm: 2011.09.11 @ 09:17:00

**TEST COMMENT:** 30 - FF- B.O.B. in 1 min.  
 30 - ISF No blow back  
 30 - FF- B.O.B. in 1 min.  
 60 - FSF No blow back



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1734.86	102.89	Initial Hydro-static
3	592.68	104.93	Open To Flow (1)
30	745.50	105.45	Shut-In(1)
59	1346.91	105.64	End Shut-In(1)
60	917.05	105.60	Open To Flow (2)
91	910.69	106.40	Shut-In(2)
151	1282.36	107.17	End Shut-In(2)
152	1616.37	106.99	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
1364.00	GOMV 5%M, 5%O, 20%G, 70%W	19.13
620.00	GM 2%G, 98%M	8.70

Triobite Testing, Inc

Ref. No: 44541

Printed: 2011.09.15 @ 10:02:35

## Gas Rates

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

**TOOL DIAGRAM**

**DRILL STEM TEST REPORT**



Gore Oil Company

Russ D #5

202 ST. Francis  
Wichita, KS 67202 + 4518

7-10s-17w Rooks,KS

ATTN: Don V. Rider

Test Start: 2011.09.11 @ 03:53:00

Job Ticket: 44541

DST#: 2

**Tool Information**

Drill Pipe: Length: 3462.00 ft Diameter: 3.80 inches Volume: 48.56 bbl Tool Weight: 2000.00 lb  
 Heavy Wt. Pipe: Length: 0.00 ft Diameter: 0.00 inches Volume: 0.00 bbl Weight set on Packer: 25000.00 lb  
 Drill Collar: Length: 0.00 ft Diameter: 0.00 inches Volume: 0.00 bbl Weight to Pull Loose: 75000.00 lb  
 Drill Pipe Above KB: 21.00 ft Total Volume: 48.56 bbl Tool Chased 0.00 ft  
 Depth to Top Packer: 3464.00 ft String Weight: Initial 68000.00 lb Final 71000.00 lb  
 Depth to Bottom Packer: ft  
 Interval between Packers: 81.00 ft  
 Tool Length: 104.00 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			3442.00
Shut In Tool	5.00			3447.00
Hydraulic tool	5.00			3452.00
Safety Joint	2.00			3454.00
Packer	5.00			3459.00
Packer	5.00			3464.00
Change Over Sub	1.00			3465.00
Stubb	1.00			3470.00
Perforations	5.00			3471.00
Change Over Sub	1.00			3472.00
Drill Pipe	62.00			3533.00
Change Over Sub	1.00			3534.00
Recorder	0.00	6625	Inside	3534.00
Recorder	0.00	8700	Outside	3534.00
Perforations	8.00			3542.00
Bullnose	3.00			3545.00
<b>Total Tool Length: 104.00</b>				
Bottom Packers & Anchor	81.00			



**FLUID SUMMARY**

**DRILL STEM TEST REPORT**



Gore Oil Company

Russ D #5

202 St. Francis  
Wichita, KS 67202 + 4518

7-10S-17W Rooks,KS

Job Ticket: 44541 DST#:2

ATTN: Don V. Rider

Test Start: 2011.09.11 @ 03:53:00

**Mud and Cushion Information**

Mud Type: Gel Chem  
 Mud Weight: 9.00 lb/gal  
 Viscosity: 50.00 sec/qt  
 Water Loss: 7.99 in<sup>3</sup>  
 Resistivity: ohm.m  
 Salinity: 2500.00 ppm  
 Filter Cake: inches

Cushion Type: Oil API  
 Cushion Length: ft  
 Cushion Volume: bbl  
 Water Salinity: ppm

Cushion Type:  
 Cushion Length:  
 Cushion Volume:  
 Gas Cushion Type:  
 Gas Cushion Pressure: psig

**Recovery Information**

**Recovery Table**

Length ft	Description	Volume bbl
1364.00	GOMW 5%M, 5%O, 20%G, 70%W	19.133
620.00	GM 2%G, 98%M	8.697

Total Length: 1984.00 ft Total Volume: 27,830 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 6625

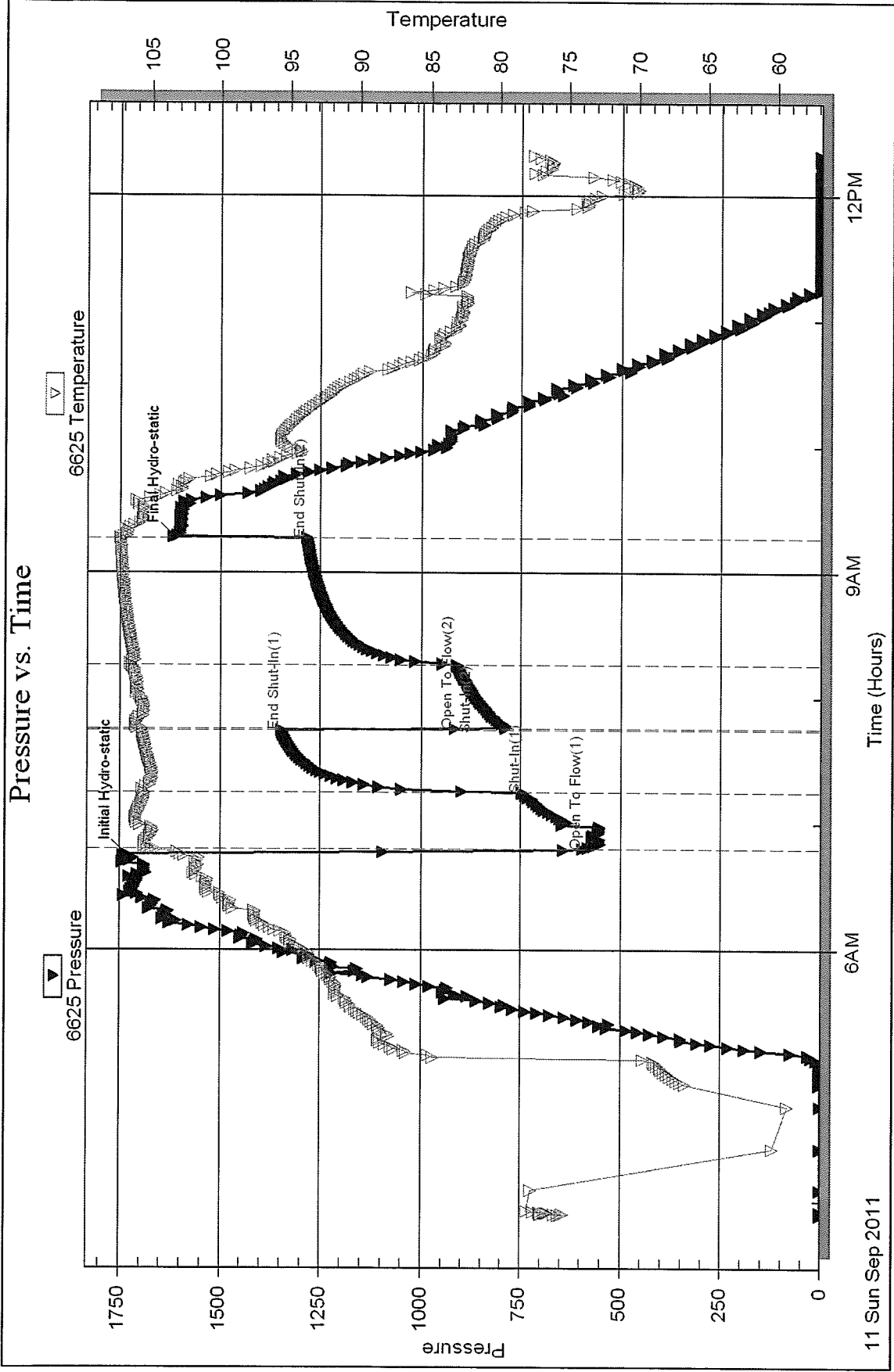
Inside

Gore Oil Company

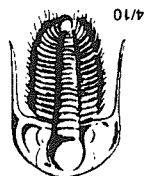
7-10s-17w Rocks,KS

DST Test Number: 2

### Pressure vs. Time







**TRIOBITE TESTING INC.**

P.O. Box 1733 • Hays, Kansas 67601

**RECEIVED**  
SEP 13 2011  
Test Ticket NO. 44540

Well Name & No. Russ D #5  
 Company Gore Oil Company  
 Address 202 ST Francis Wichita KS, 67202 + 4518  
 Co. Rep / Geo. Don V Rider  
 Location: Sec. 7 Twp. 10S Rge. 17W Co. Rocks State KS

Interval Tested 3292-3430  
 Anchor Length 138'  
 Top Packer Depth 3287  
 Bottom Packer Depth 3292  
 Total Depth 3430  
 Blow Description IF-B.O.B-2 Min.  
ISI - No blow back  
FF-B.O.B in 3 Min.  
FSI - No blow back

Rec	Feet of	%gas	%oil	%water	%mud
Rec	248	5	80	10	10
Rec	620	10	20	70	10

Rec Total	BHT	Gravity	API RW	@	F Chlorides	ppm
1116	107		1125			

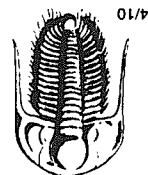
Rec	Feet of	%gas	%oil	%water	%mud
Rec	248	5	80	10	10
Rec	620	10	20	70	10

Approved By \_\_\_\_\_  
 Our Representative Cody Blodorn  
 Sub Total 1278.40  
 Total 1278.40

(A) Initial Hydrostatic 1653  
 (B) First Initial Flow 128  
 (C) First Final Flow 331  
 (D) Initial Shut-In 1526  
 (E) Second Initial Flow 353  
 (F) Second Final Flow 581  
 (G) Final Shut-In 1515  
 (H) Final Hydrostatic 1624  
 Initial Open 30  
 Initial Shut-In 30  
 Final Flow 45  
 Final Shut-In 60  
 Extra Packer  
 Extra Recorder  
 Day Standby  
 Accessibility  
 Ruined Shale Packer  
 Ruined Packer  
 Extra Copies  
 Sub Total 0  
 T-Started 8:35 am  
 T-Open 11:18 am  
 T-Pulled 2:03 pm  
 T-Out 4:50 pm  
 T-Test 11:25  
 Safety Joint 75  
 Jars  
 Hourly Standby  
 Mileage 28 X 2 BORT  
 Sampler  
 Straddle  
 Shale Packer  
 Extra Packer  
 Extra Recorder  
 Day Standby  
 Accessibility  
 Sub Total 1278.40  
 Total 1278.40  
 MP/DST Disc't \_\_\_\_\_

Triobite Testing Inc. shall not be liable for damaged 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

RECEIVED  
SEP 13 2011

Test Ticket

NO. 44541

Well Name & No. Russ D #5  
 Company Gore Oil Company  
 Address 202 St Francis, Wichita, KS, 67202 + 4518  
 Co. Rep / Geo. Don V. Rider  
 Location: Sec. 7 Twp. 105 Rge. 17W Co. Rocks State KS

Interval Tested 3464-3545  
 Anchor Length 81  
 Top Packer Depth 3459  
 Bottom Packer Depth 3464  
 Total Depth 3546  
 Blow Description IF - B.O.B in 1 Min.  
ISI - No blow back  
FSI - No blow back.

Rec	Feet of	%gas	%oil	%water	%mud
Rec 1364	Feet of 60MM	20	5	70	5
Rec 620	Feet of 6M	2		98	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 1984 BHT 1734  
 (A) Initial Hydrostatic 592  
 (B) First Initial Flow 745  
 (C) First Final Flow 1346  
 (D) Initial Shut-In 917  
 (E) Second Initial Flow 910  
 (F) Second Final Flow 1282  
 (G) Final Shut-In 1616  
 (H) Final Hydrostatic 30

Initial Open 30  
 Initial Shut-In 30  
 Final Flow 60  
 Final Shut-In 60

MP/DST Disc't 1278.40  
 Sub Total 1278.40  
 Total 1278.40

Our Representative Cody Blum

Approved By \_\_\_\_\_

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 of 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.

