



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1066598
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: _____

1066598

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 <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
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:				

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: 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> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Mull Drilling Company, Inc.
Well Name	F-G Unit 1-7
Doc ID	1066598

Tops

Name	Top	Datum
Anhydrite	2190	+ 591
B/Anhydrite	2213	+ 568
Heebner	3700	- 919
Lansing	3738	- 957
Muncie Creek	3903	- 1122
Stark	3997	- 1216
BKC	4073	- 1292
Marmaton	4112	- 1331
Ft. Scott	4262	- 1481
Cherokee	4290	- 1509
Mississippian	4412	- 1631

Form	ACO1 - Well Completion
Operator	Mull Drilling Company, Inc.
Well Name	F-G Unit 1-7
Doc ID	1066598

Perforations

Shots Per Foot	Perforation Record	Material Record	Depth
4	4406' - 4410'		
	CIBP		4390'
4	4272' - 4276'	250 gal 15% MCA	
4	4216' - 4226'	500 gal 15% MCA + 1500 gal 15% NeFE	
4	4170' - 4174'	1,000 gal 15% MCA	
4	3958' - 3966'	250 gal 15% MCA	
4	3826' - 3833'	1,250 gal 15% MCA. Squeezed w/50 sx Common	
4	3826' - 3833'	500 gal 15% NE	

Conservation Division
Finney State Office Building
130 S. Market, Rm. 2078
Wichita, KS 67202-3802



Phone: 316-337-6200
Fax: 316-337-6211
<http://kcc.ks.gov/>

Mark Sievers, Chairman
Ward Loyd, Commissioner
Thomas E. Wright, Commissioner

Sam Brownback, Governor

December 16, 2011

Mark Shreve
Mull Drilling Company, Inc.
1700 N WATERFRONT PKWY
BLDG 1200
WICHITA, KS 67206

Re: ACO1
API 15-109-21029-00-00
F-G Unit 1-7
SE/4 Sec.07-15S-32W
Logan County, Kansas

Dear Production Department:

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully,
Mark Shreve

ALLIED CEMENTING CO., LLC. 040024

Federal Tax I.D.# 20-5975804

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:
Dakley, Mo

DATE <i>9/2/11</i>	SEC <i>7</i>	TWP. <i>15</i>	RANGE <i>32</i>	CALLED OUT	ON LOCATION	JOB START <i>1:00p</i>	JOB FINISH <i>1:30p</i>
LEASE <i>F-Cement</i>	WELL # <i>1-7</i>	LOCATION <i>Dakley 2355W 25 Einto</i>			COUNTY <i>Logan</i>	STATE <i>Ks</i>	
OLD OR NEW (Circle one)							

CONTRACTOR <i>Murfin 2</i>	OWNER <i>Same</i>
TYPE OF JOB <i>Surface</i>	
HOLE SIZE <i>12 1/4</i>	T.D. <i>223'</i>
CASING SIZE <i>8 7/8</i>	DEPTH <i>223</i>
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL	DEPTH
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT
CEMENT LEFT IN CSG. <i>15'</i>	
PERFS.	
DISPLACEMENT <i>13.2496</i>	
CEMENT AMOUNT ORDERED <i>1650m 300cc 200gel</i>	

EQUIPMENT

PUMP TRUCK # <i>402</i>	CEMENTER <i>Alex</i>	HELPER <i>Wayne</i>
BULK TRUCK # <i>347</i>	DRIVER <i>Ethan</i>	
BULK TRUCK #	DRIVER	

COMMON <i>165</i>	@ <i>16.25</i>	<i>2681.25</i>
POZMIX	@	
GEL <i>3</i>	@ <i>21.25</i>	<i>63.75</i>
CHLORIDE <i>6</i>	@ <i>58.20</i>	<i>349.20</i>
ASC	@	
	@	
	@	
	@	
	@	
	@	
	@	
HANDLING <i>174 SK</i>	@ <i>2.25</i>	<i>391.50</i>
MILEAGE <i>114 SK/mile</i>		<i>593.51</i>
		TOTAL <i>4079.46</i>

REMARKS:
Run Csg, Circulate, Mix Cement
Displace Cement,
Cement did Circulate

Thank You
Alex, Wayne, Ethan

CHARGE TO: *Brito*

STREET _____

CITY _____ STATE _____ ZIP _____

SERVICE

DEPTH OF JOB	<i>223</i>
PUMP TRUCK CHARGE	<i>1125.00</i>
EXTRA FOOTAGE	@
MILEAGE <i>31 x 2</i>	@ <i>7.00</i> <i>434.00</i>
MANIFOLD	@
<i>Letellebach 31x2</i>	@ <i>4.00</i> <i>248.00</i>
	@
TOTAL <i>2007.00</i>	

To Allied Cementing Co., LLC.
You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PLUG & FLOAT EQUIPMENT

	@	
	@	
	@	
	@	
	@	
TOTAL		

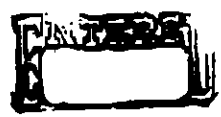
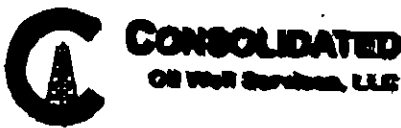
PRINTED NAME _____

SIGNATURE *[Signature]*

SALES TAX (If Any) _____

TOTAL CHARGES _____

DISCOUNT _____ IF PAID IN 30 DAY:



TICKET NUMBER 28223
 LOCATION Oakley Ks.
 FOREMAN Walt Dunkel

PO Box 884, Chanute, KS 66720
 820-431-9210 or 800-467-8676

FIELD TICKET & TREATMENT REPORT
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
9-11-11	5659	F.G. Unit 1-7	7	15S	32W	Logan
CUSTOMER Mull Dels Co.			Oakley			
MAILING ADDRESS			225			
CITY			4W			
STATE			25			
ZIP CODE			26			
TRUCK #		DRIVER		TRUCK #		DRIVER
399		miles Shaw				
466		Chris				

JOB TYPE Prod-O HOLE SIZE 7 7/8 HOLE DEPTH 4480' CASING SIZE & WEIGHT 5 1/2 - 14 #
 CASING DEPTH 4469' DRILL PIPE _____ TUBING _____ OTHER DC-2209
 SLURRY WEIGHT 14.2 SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT IN CASING 21'
 DISPLACEMENT 108 1/2 DISPLACEMENT PSI 700* MIX PSI _____ RATE 6 BPM

REMARKS: Safety Meeting, Rig up on MUCHEM #2, Run Float Equipment -
Control valves - 1, 2, 3, 4, 5, 6, 7, 8, 9, 11, 13, 15, 17, 19, 54, Basket 55#, Part Collar - 55 #
on bottom, circ. 1 1/2 hrs while rotating, Pump 5 BBL KCL, Pump 1/2 - Stop Flush +
5 BBL KCL, 30 SKS in RH, 5 SKS in MHT, mix 180 SKS 5% soda, 10% salt, 2% cal
25% CFI-115, close Pump + Lines, release Plug + Displace 108 1/2 BBL H2O @
700 # max, Land on Plug @ 1300 #, release Pressure, Float Hold
300 # @ 80 BBL, 425 @ 90 BBL, 600 # @ 100 #, 700 @ 108 BBL

Thank You
 Walt Dunkel

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401C	1	PUMP CHARGE	2850.00	2850.00
5406	25	MILEAGE	5.00	125.00
1124	220 SKS	5750.00	12.53	2,756.60
1118B	374 #	Bentonite	.24	89.76
111	1050 #	Salt	.42	441.00
1102	240 #	Calcium Chloride	.84	201.60
111A	200 #	Sodium Metasilicate	2.26	452.00
5407	9.35	Ten Mileage Delivery (min)	1.52	410.00
4203	1	5/8 - Guide Shoe	193.00	193.00
4177	1	5/8 - Float Collar	441.00	441.00
4136	15	5/8 - Turbo Control Valves	72.00	1,080.00
4104	1	5/8 - Basket	276.00	276.00
4285	1	5/8 - Part Collar	2,025.00	2,025.00
4406	1	5/8 - Rubber Plug	88.00	88.00
1135A	47 #	CFI-115	9.95	467.65
				11,946.61
		Less 10% Disc.		- 1,194.66
				10,751.95
		244127		
			SALES TAX	601.02
			ESTIMATED TOTAL	11,352.97

Rev 3737

AUTHORIZATION [Signature] TITLE MOX DATE 9-11-11

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



TICKET NUMBER 28230

LOCATION Oakley

FOREMAN Kelly Gabel
Walt Diakel

PO Box 884, Chanute, KS 66720
820-431-9210 or 800-487-8876

FIELD TICKET & TREATMENT REPORT
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
4-16-11	5659	Feunit 1-7	7	155	32 ⁰⁰	Logan
CUSTOMER <u>Mull Drig</u>			TRUCK #	DRIVER	TRUCK #	DRIVER
MAILING ADDRESS			399	Josh G		
CITY			5284T127	Damon M		
STATE						
ZIP CODE						

JOB TYPE Part collar HOLE SIZE _____ HOLE DEPTH _____ CASING SIZE & WEIGHT 5 1/2 14 #
 CASING DEPTH 4469 DRILL PIPE _____ TUBING 2 7/8 OTHER _____
 SLURRY WEIGHT 11.2 to 14* SLURRY VOL _____ WATER gal/ok _____ CEMENT LEFT IN CASING _____
 DISPLACEMENT 7.5 DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: safety Meeting. Rigged up on well. Checked part collar to
opened part collar, mixed 275 sks of cement, closed tool. Reversed
out.
CMB

Cement Drill Core

Thank You
Kelly Gabel

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE		
5406	25	MILEAGE	1,250.00	1,250.00
11043	275 sks	Class A Cement	5.00	1,250.00
1102	518 #	Calcium Chloride	16.00	4,620.00
1118B	1,036 #	Bentonite	.84	435.12
1111A	518 #	Sodium Metasilicate	.24	248.64
1101	518 #	Cal seal	2.26	1,170.68
1107	69 #	Flu Seal	1.46	238.28
5407A	12.93	Ten Mileage Delivery	2.66	183.59
			1.58	510.75
				8,782.01
				878.00
				7,903.01
				484.12
				8387.93

RVIA 3797

AUTHORIZATION [Signature] TITLE _____

SALES TAX _____
ESTIMATED TOTAL _____
DATE 9-16-11

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



CONSOLIDATED
Oil Well Services, LLC

PO Box 884, Chanute, KS 66720
820-431-9210 or 800-467-8876

FIELD TICKET & TREATMENT REPORT
CEMENT

TICKET NUMBER 28243
LOCATION Oakley
FOREMAN Jelly Gabel
Fuzzy McCallick

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY	
9-30-11	5659	FB Unit 1-7	7	15 ^S	72W	Logan	
CUSTOMER		MILING ADDRESS		TRUCK #	DRIVER	TRUCK #	DRIVER
Mull Drig		Oakley 275 4W 25 2E		463	Milos S		
CITY		STATE		ZIP CODE			
				462	Corey D		
					Kody R		

JOB TYPE Squeeze MOLE SIZE _____ HOLE DEPTH _____ CASING SIZE & WEIGHT 5 1/2 14^{lb}
 CASING DEPTH _____ DRILL PIPE _____ TUBING 2 3/8 OTHER _____
 SLURRY WEIGHT _____ SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING _____
 DISPLACEMENT _____ DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: Safety Meeting, rigged up on well, loaded tubing and tested Plug to 1500# it held, switched over and loaded backside, spotted sand, raised 30 min loaded tubing and got injection rate of 2 bbl/min @ 1000#. Mixed 50 sks cement displaced with 13 bbl H₂O. Displaced cement staged on it for 1 hr, Reversed tubing clean, washed down squeeze, washed sand off Plug, repressured squeeze to 2500# and shut in.

*Thank you
Jelly & crew*

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401B	1	PUMP CHARGE	1600 ⁰⁰	1600 ⁰⁰
5406	25	MILEAGE	5 ⁰⁰	125 ⁰⁰
11045	50SKS	Class A cement	16 ⁰⁰	800 ⁰⁰
2101A	100#	sand	.27	27 ⁰⁰
5407	2.35	Bulk Delivery (Min)	15 ⁰⁰	35 ⁰⁰
				3002 ⁰⁰
				320 ⁰⁰
				2701 ⁰⁰
				60.97
				2762.67

Flavin 3737

AUTHORIZATION _____ TITLE _____

SALES TAX _____
ESTIMATED TOTAL _____
DATE 9-30-11

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Brito Oil Co.

F - G Unit #1-7

1700 N. Waterfront PKWY
Bldg 300 Suite C
Wichita, KS 67206
ATTN: Tom Funk

7/15s/32w Logan KS

Job Ticket: 43790

DST#: 1

Test Start: 2011.09.06 @ 13:03:00

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 68.00 sec/qt
Water Loss: 7.19 in³
Resistivity: ohm.m
Salinity: 5000.00 ppm
Filter Cake: 1.00 inches

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

Oil API: 22.6 deg API
Water Salinity: 62000 ppm

Recovery Information

Recovery Table

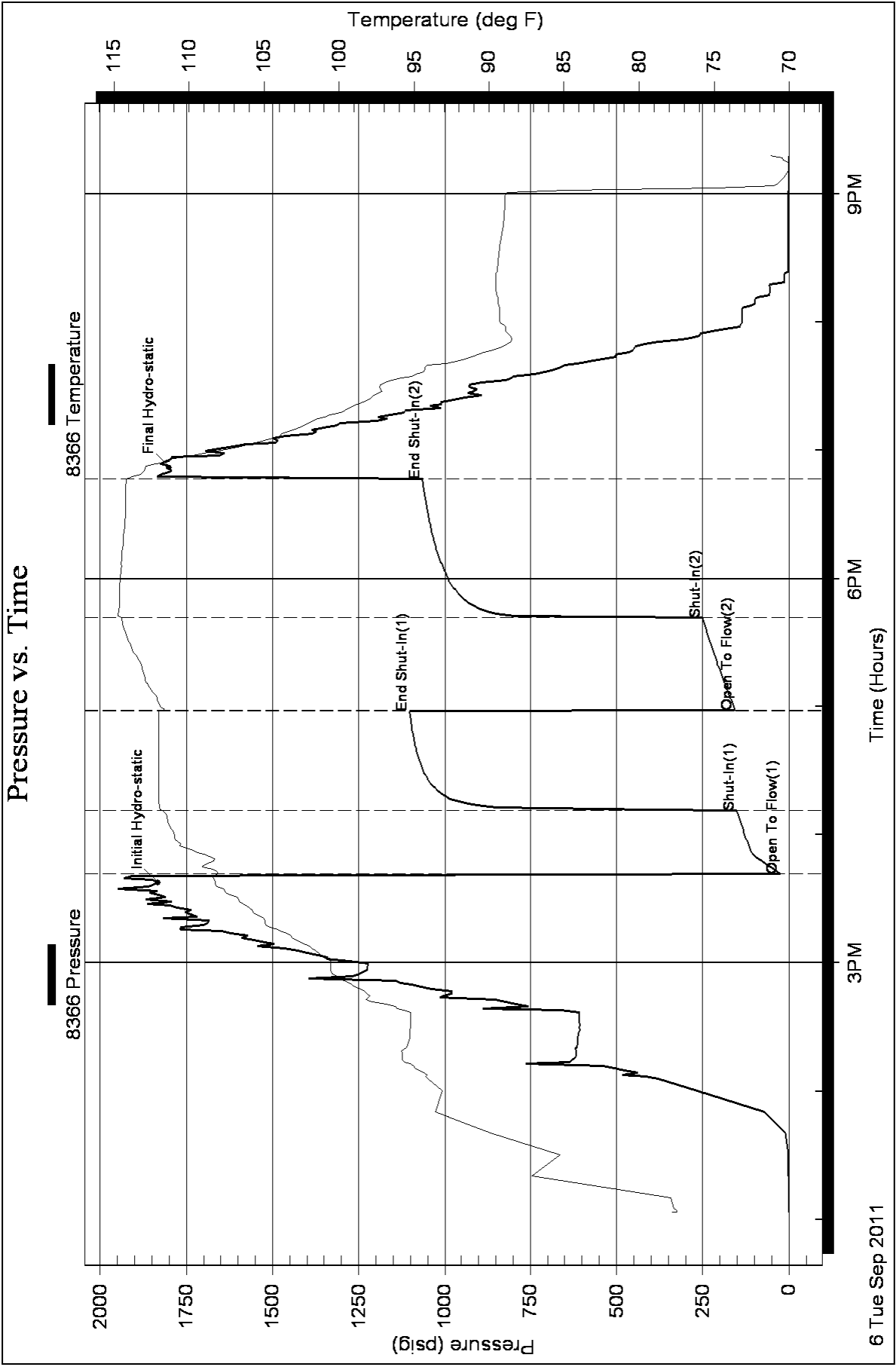
Length ft	Description	Volume bbl
250.00	MCW w/trace oil 86%w , 14%m	1.803
125.00	OCWM 44%m, 39%w , 11%o, 6%g	1.753
60.00	WMCO 60%o, 27%m, 10%w , 3%g	0.842
100.00	CO 88%o, 7%g, 5%m	1.403
0.00	GIP = 90'	0.000

Total Length: 535.00 ft Total Volume: 5.801 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments: Gravity = 24 api @ 74 deg F Corrected Gravity = 22.6 api
RW = .121 ohms @ 72.4 deg F Chlorides = 62,000 ppm





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Brito Oil Co.
1700 N. Waterfront PKWY
Bldg 300 Suite C
Wichita, KS 67206
ATTN: Tom Funk

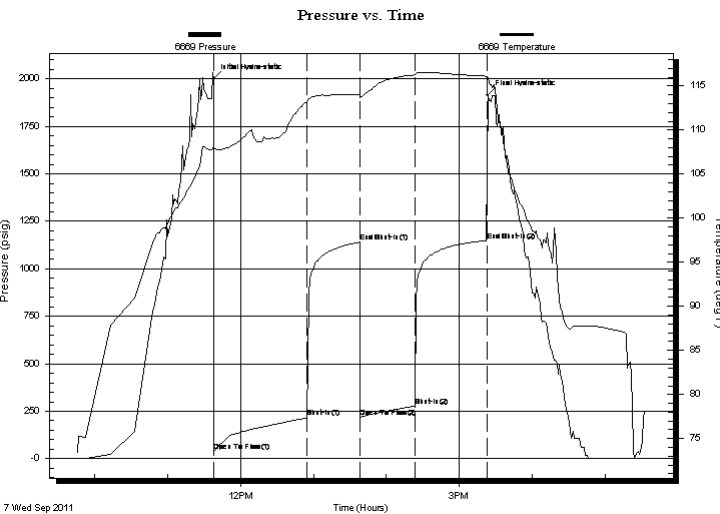
F - G Unit #1-7
7/15s/32w Logan KS
Job Ticket: 43299 **DST#: 2**
Test Start: 2011.09.07 @ 09:46:15

GENERAL INFORMATION:

Formation: **H & I**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 11:38:15
Time Test Ended: 17:32:15
Interval: **3902.00 ft (KB) To 3969.00 ft (KB) (TVD)**
Total Depth: 3969.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair
Reference Elevations: 2781.00 ft (KB)
2768.00 ft (CF)
KB to GR/CF: 13.00 ft
Test Type: Conventional Bottom Hole
Tester: Mike Roberts
Unit No: 48

Serial #: 6669 Outside
Press @ Run Depth: 278.46 psig @ 3941.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2011.09.07 End Date: 2011.09.07 Last Calib.: 2011.09.07
Start Time: 09:46:15 End Time: 17:32:15 Time On Btm: 2011.09.07 @ 11:38:00
Time Off Btm: 2011.09.07 @ 15:23:15

TEST COMMENT: IF: Built to 9 1/2" blow
IS: No return blow
FF: BOB in 33 min.
FS: No return blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2000.41	108.14	Initial Hydro-static
1	37.43	107.83	Open To Flow (1)
77	216.51	113.21	Shut-In(1)
120	1140.41	114.01	End Shut-In(1)
121	219.81	113.82	Open To Flow (2)
166	278.46	116.26	Shut-In(2)
225	1149.50	116.10	End Shut-In(2)
226	1917.17	115.99	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
186.00	w m 50%w 50% m	0.91
62.00	w m 50%w 50% m	0.86
186.00	gocm 3%g 5%o 92% m	2.61
62.00	ocm 18%o 82% m	0.87
62.00	mco 4% m 96% o	0.87

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Brito Oil Co.

F - G Unit #1-7

1700 N. Waterfront PKWY
Bldg 300 Suite C
Wichita, KS 67206
ATTN: Tom Funk

7/15s/32w Logan KS

Job Ticket: 43299

DST#: 2

Test Start: 2011.09.07 @ 09:46:15

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

19000 ppm

Viscosity: 68.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.20 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
186.00	w m 50%w 50%m	0.915
62.00	w m 50%w 50% m	0.861
186.00	gocm 3%g 5%o 92%m	2.609
62.00	ocm 18%o 82%m	0.870
62.00	mco 4%m 96%o	0.870

Total Length: 558.00 ft Total Volume: 6.125 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

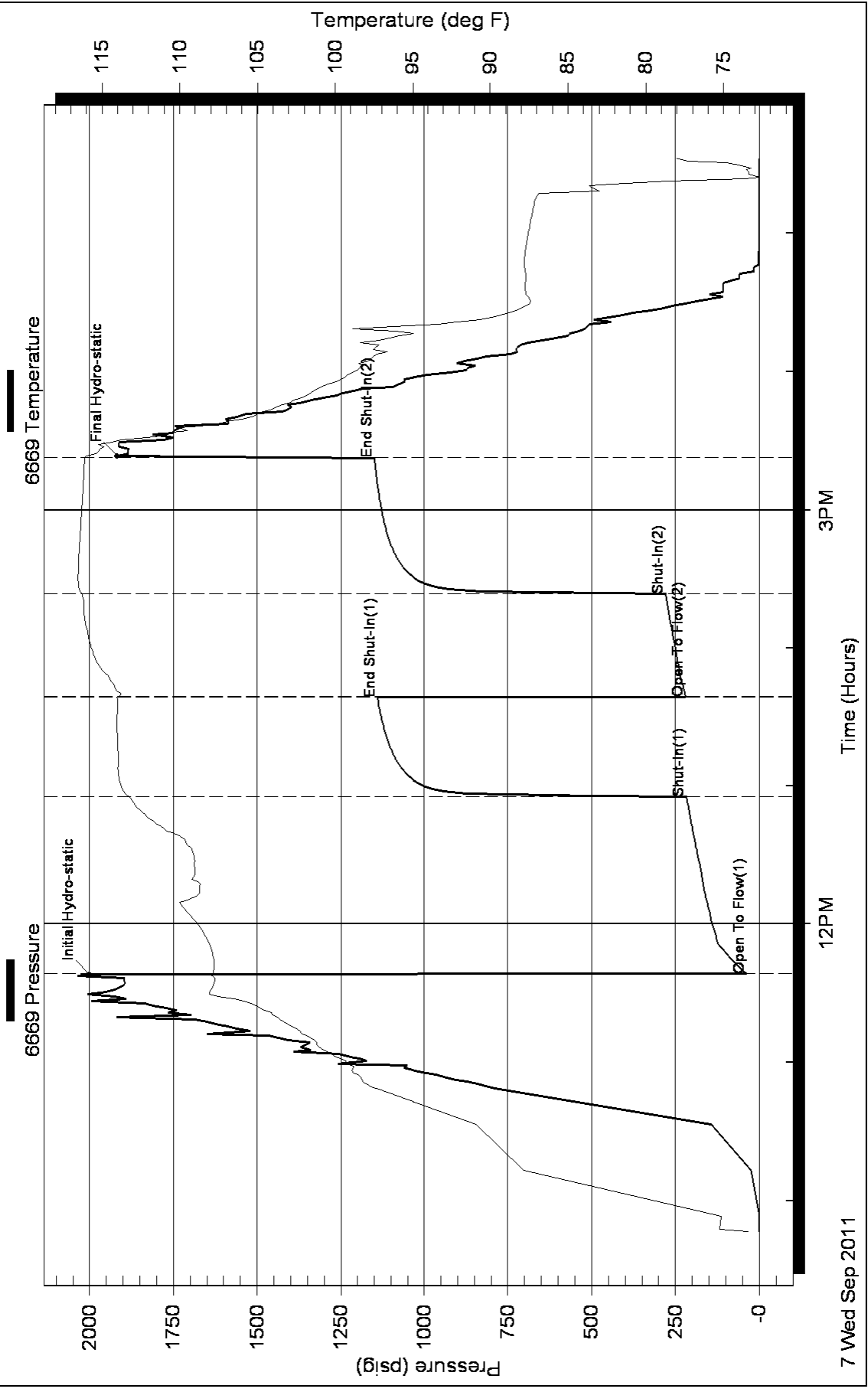
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW= .288@ 88.8*=19,000 ppm

Pressure vs. Time





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Brito Oil Co.
1700 N. Waterfront PKWY
Bldg 300 Suite C
Wichita, KS 67206
ATTN: Tom Funk

F - G Unit #1-7
7/15s/32w Logan KS
Job Ticket: 43300 **DST#: 3**
Test Start: 2011.09.08 @ 18:20:15

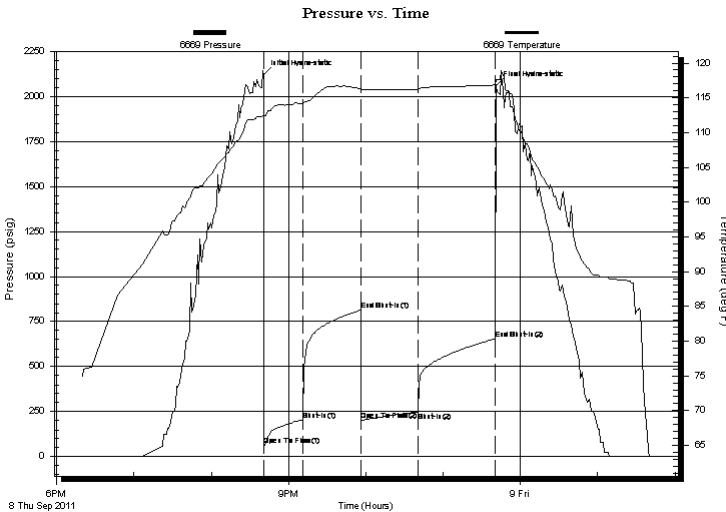
GENERAL INFORMATION:

Formation: **Altamont A B C**
Deviated: No Whipstock: ft (KB) Test Type: Conventional Bottom Hole
Time Tool Opened: 20:41:00 Tester: Mike Roberts
Time Test Ended: 01:41:00 Unit No: 48
Interval: 4118.00 ft (KB) To 4200.00 ft (KB) (TVD) Reference Elevations: 2781.00 ft (KB)
Total Depth: 4200.00 ft (KB) (TVD) 2768.00 ft (CF)
Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 13.00 ft

Serial #: 6669 Outside
Press @ Run Depth: 248.22 psig @ 4187.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2011.09.08 End Date: 2011.09.09 Last Calib.: 2011.09.09
Start Time: 18:20:15 End Time: 01:41:00 Time On Btm: 2011.09.08 @ 20:40:45
Time Off Btm: 2011.09.08 @ 23:41:00

TEST COMMENT: IF:BOB in 9 min.
IS:No return blow
FF:BOB in 22 min.
FS:No return blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2117.39	112.59	Initial Hydro-static
1	62.21	112.27	Open To Flow (1)
31	205.43	114.19	Shut-In(1)
76	812.59	116.36	End Shut-In(1)
76	202.38	116.21	Open To Flow (2)
120	248.22	116.20	Shut-In(2)
180	654.42	116.84	End Shut-In(2)
181	2060.83	117.51	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
186.00	ocw m 5%o 40% m 55%w	0.91
310.00	ocm 2%o 98% m	4.34

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Brito Oil Co.

F - G Unit #1-7

1700 N. Waterfront PKWY
Bldg 300 Suite C
Wichita, KS 67206
ATTN: Tom Funk

7/15s/32w Logan KS

Job Ticket: 43300

DST#: 3

Test Start: 2011.09.08 @ 18:20:15

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

14000 ppm

Viscosity: 64.00 sec/qt

Cushion Volume:

bbf

Water Loss: 6.40 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3500.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
186.00	ocw m 5%o 40%m 55%w	0.915
310.00	ocm 2%o 98%m	4.339

Total Length: 496.00 ft Total Volume: 5.254 bbf

Num Fluid Samples: 0

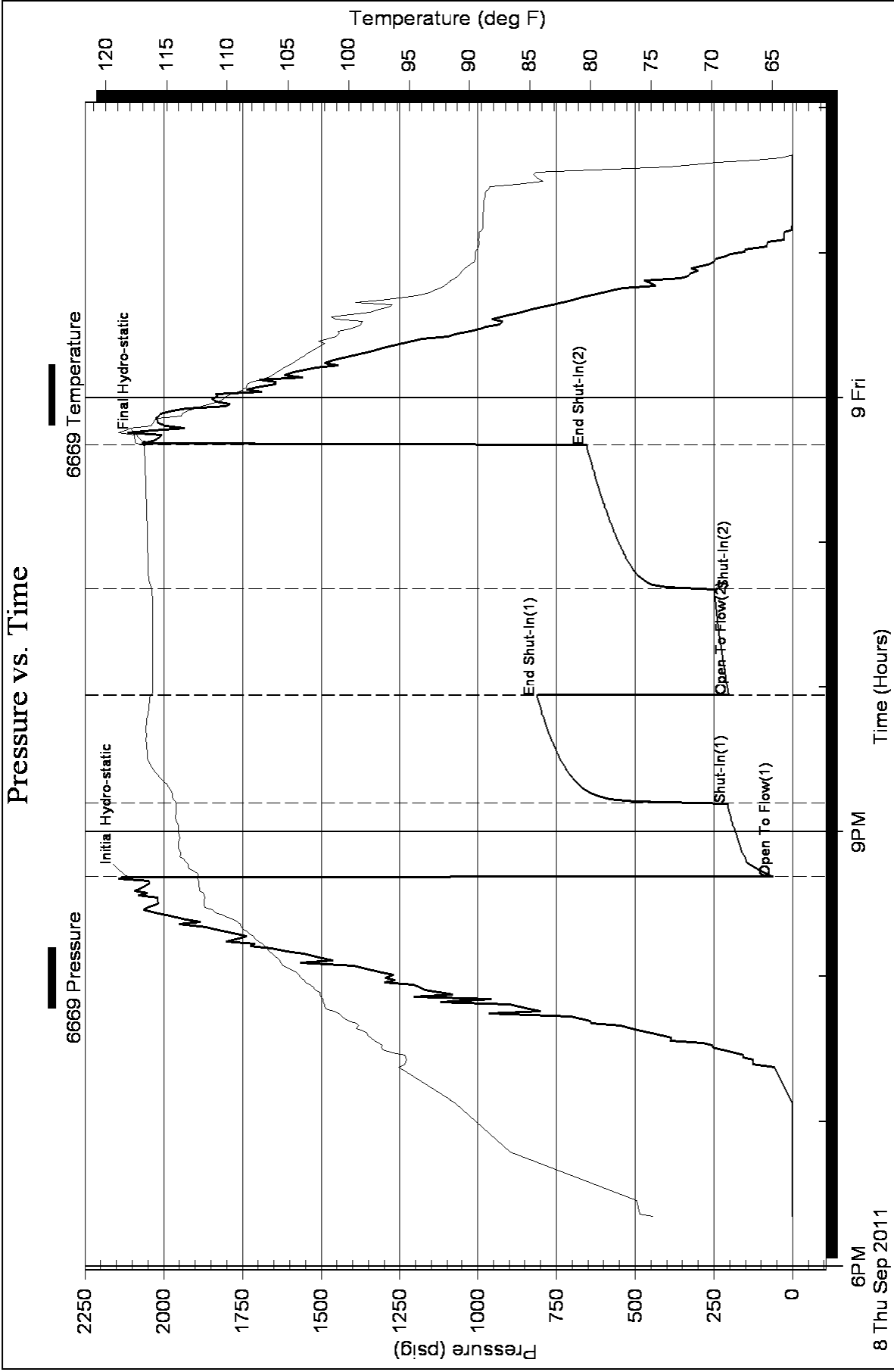
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW=.625 @ 55.8*=14,000 ppm





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Brito Oil Co.
1700 N. Waterfront PKWY
Bldg 300 Suite C
Wichita, KS 67206
ATTN: Tom Funk

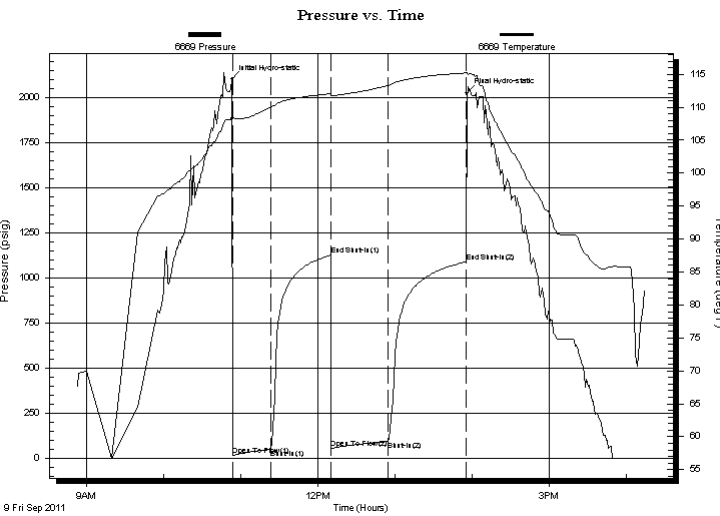
F - G Unit #1-7
7/15s/32w Logan KS
Job Ticket: 43201 **DST#: 4**
Test Start: 2011.09.09 @ 08:53:15

GENERAL INFORMATION:

Formation: **Pawnee**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 10:53:45
Time Test Ended: 16:14:45
Interval: **4196.00 ft (KB) To 4235.00 ft (KB) (TVD)**
Total Depth: 4235.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair
Test Type: Conventional Bottom Hole
Tester: Mike Roberts
Unit No: 48
Reference Elevations: 2781.00 ft (KB)
2768.00 ft (CF)
KB to GR/CF: 13.00 ft

Serial #: 6669 Outside
Press @ Run Depth: 96.49 psig @ 4197.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2011.09.09 End Date: 2011.09.09 Last Calib.: 2011.09.09
Start Time: 08:53:15 End Time: 16:14:45 Time On Btm: 2011.09.09 @ 10:53:15
Time Off Btm: 2011.09.09 @ 13:55:45

TEST COMMENT: IF: Built to 3" blow
IS: No return blow
FF: Built to 1/2" blow
FS: No return blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2104.35	108.70	Initial Hydro-static
1	17.92	108.47	Open To Flow (1)
30	53.21	109.98	Shut-In(1)
77	1128.21	112.06	End Shut-In(1)
78	57.15	111.83	Open To Flow (2)
122	96.49	113.31	Shut-In(2)
183	1092.05	115.22	End Shut-In(2)
183	2029.32	115.30	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
124.00	ocm 1%o 99 %m	0.61

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Brito Oil Co.

F - G Unit #1-7

1700 N. Waterfront PKWY
Bldg 300 Suite C
Wichita, KS 67206
ATTN: Tom Funk

7/15s/32w Logan KS

Job Ticket: 43201

DST#: 4

Test Start: 2011.09.09 @ 08:53:15

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 64.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.40 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3500.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
124.00	ocm 1%o 99 %m	0.610

Total Length: 124.00 ft Total Volume: 0.610 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

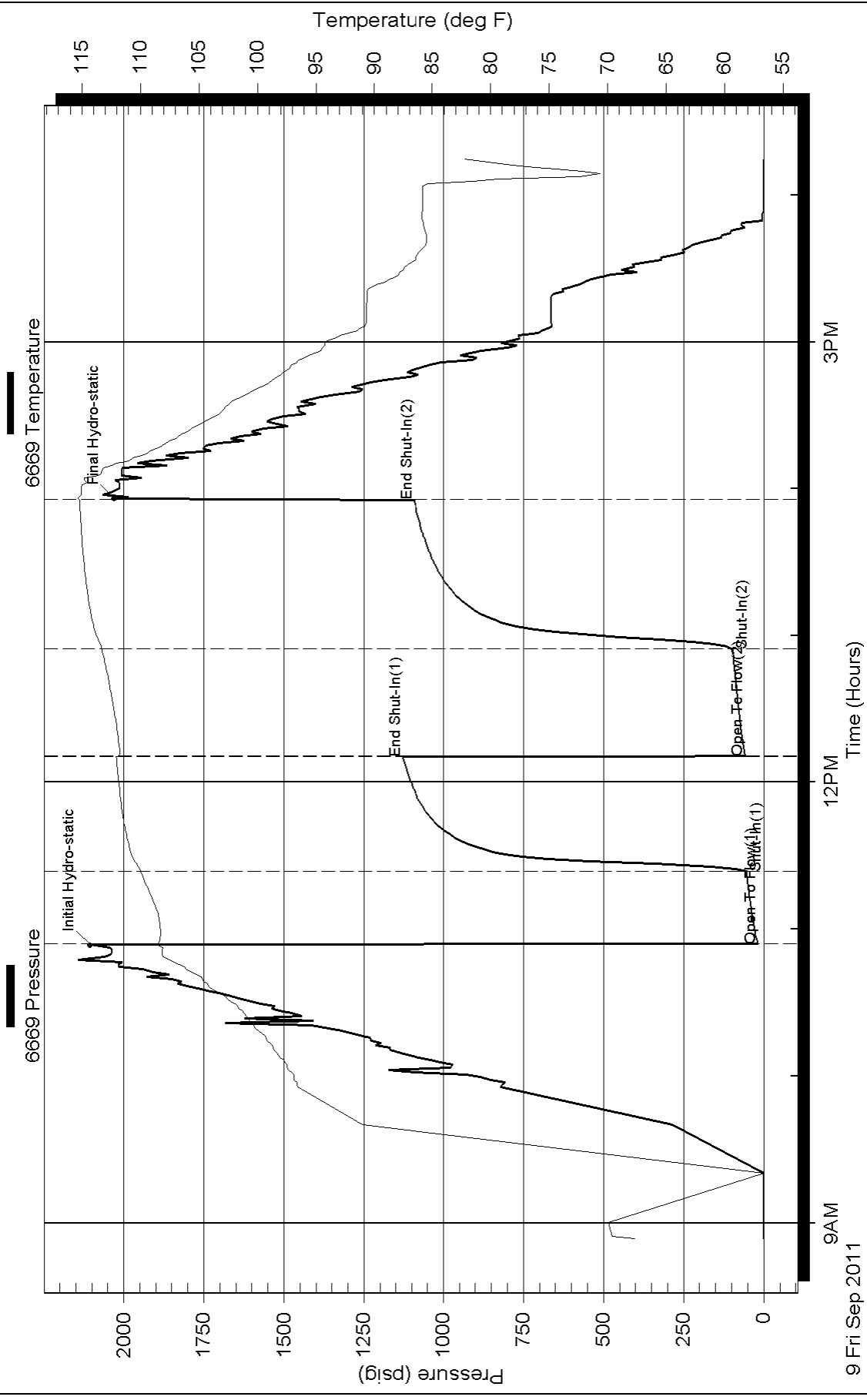
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time



Thomas J. Funk
Petroleum Geologist
Eudora, Kansas

Geologist's Report
Drilling Time and Sample Log

OPERATOR Brito Oil Co., Inc.
LEASE F-G Unit
FIELD Wildcat
WELL NO #1-7
DATE 15-09-2023
ELEVATION 2781

LOCATION 2573' FSL & 1553' FEL
SEC. 7
TWP. 15S
RGE. 32W
COUNTY Logan
STATE Kansas

COUNTY Factor
CORNER 342011
CORNERS 342011
SAMPLES SAVED FROM 3400
DIPPING TIME FROM 3400
SAMPLES EXAMINED FROM 3400

GEOLOGICAL SUPERVISION FROM 3550 TO TD
METHOD OF SUPV. TYPE MU Chemical

FORMATION LOG SAMPLE STRUC'T Log test

FORMATION TOP DATUM TOP DATUM COMP

Formations: Albanyville, Humboldt, Maurice Creek, Shinarump, Permian, Comanche, Johnson

Wells: 4073 (1428), 4076 (1432), 4078 (1434), 4079 (1434), 4080 (1434), 4081 (1434), 4082 (1434), 4083 (1434), 4084 (1434), 4085 (1434), 4086 (1434), 4087 (1434)

Electrical Surveys: CML, DIL, CN/CDL, MEL

Well Data: Depth (4412-4505), Casing (4412-4505), Cement (4412-4505), Plugs (4412-4505)

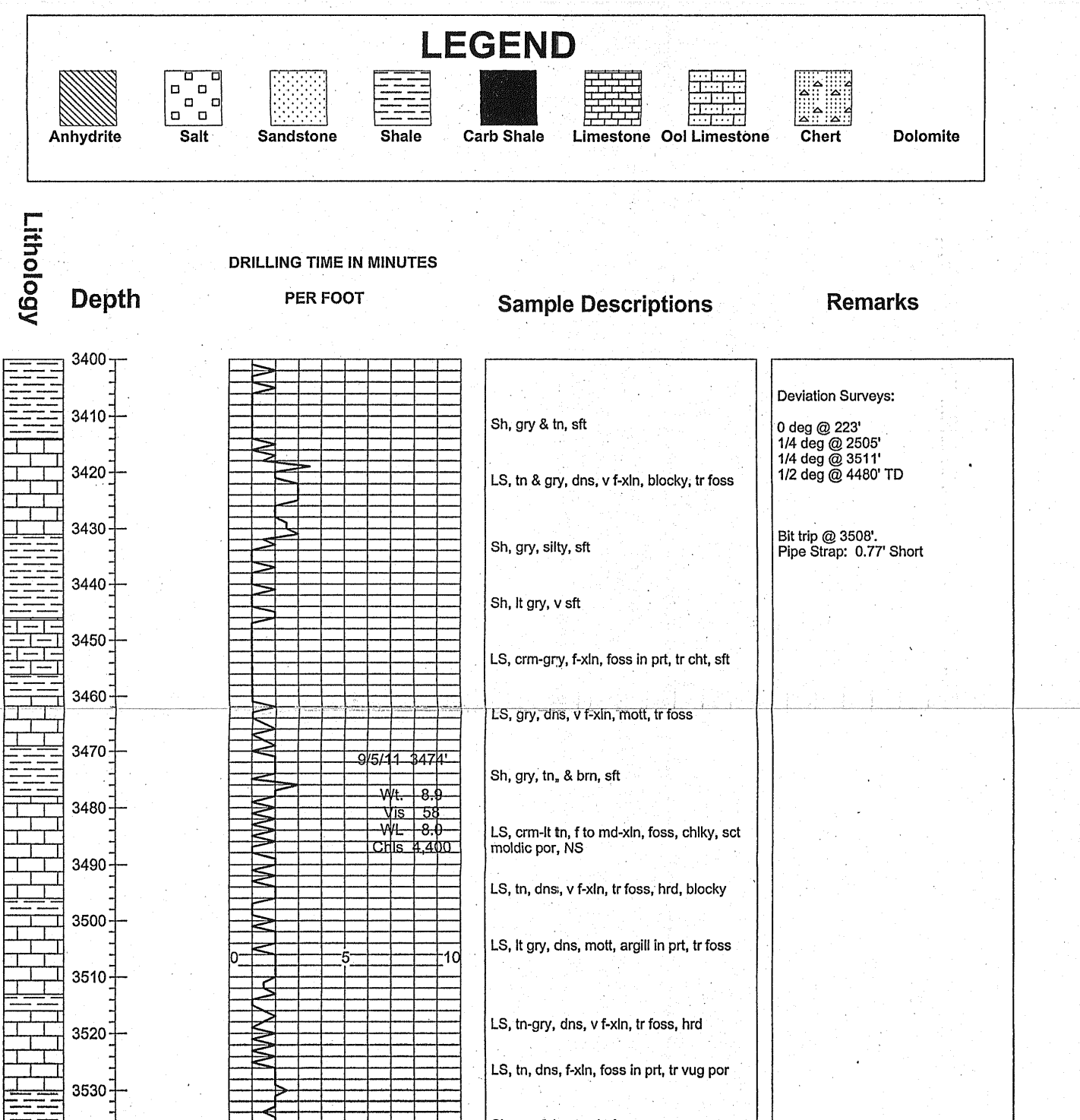
Reference Well: Brito Oil Co., #1-7 F-1000

SW 3/4 Sec. 7, 15S-32W Logan Co., KS

Day Progress

Date	Depth	NOI	Spall	Makes	Type	Depth Out	Feet	Hours
8/21/11	3700	1	12 1/4"	HTC	RK	223	233	2
8/24/11	3600	2	7 7/8"	HTC	DF-909F	409	385	43
8/25/11	3500	3	7 7/8"	HTC	GX225	488	87	47
8/27/11	3400	3	3883					
8/28/11	3300	3	3899					
8/29/11	3200	3	4108					
8/30/11	3100	3	4235					
9/10/11	4400	3	4407	TD				
9/11/11	4407	3	4407	TD				

Remarks and Recommendations:
Based upon log analysis, DSR, permeability, and sample examination, it was recommended that casing be set to further test the #1-7-G Unit.



COMPANY Brito Oil Co., Inc. ELEVATION 2781 KB
LEASE #1-7 F-G Unit
LOCATION 2573' FSL & 1553' FEL Sec 7 TWP 15S RGE 32W
COUNTY Logan STATE Kansas

