



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1176857
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
-----------------------------------	-----------------	---

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: _____

1176857

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

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

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

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No List All E. Logs Run: _____	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
--	---

CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

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

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

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

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

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

TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No
----------------	-------	---------	------------	---

Date of First, Resumed Production, SWD or ENHR.	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____
---	--

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: _____ _____
--	--	---

Form	ACO1 - Well Completion
Operator	F. G. Holl Company L.L.C.
Well Name	LANG/BAHR UNIT 2-26
Doc ID	1176857

All Electric Logs Run

BHCS
DIL
CNL/CDL
Microresistivity
fracfinder
CPI
Sonic cement bond

Form	ACO1 - Well Completion
Operator	F. G. Holl Company L.L.C.
Well Name	LANG/BAHR UNIT 2-26
Doc ID	1176857

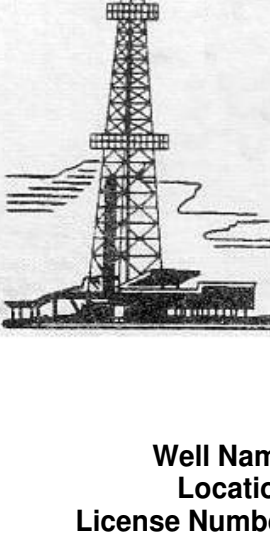
Tops

Name	Top	Datum
Herrington	1899	+101
Winfield	1943	+57
Towanda	2016	-16
Fort Riley	2048	-48
B/Florence	2142	-142
Kinney Ls	2158	-158
Wrefold	2186	-186
Council Grove	2206	-206
Crouse	2236	-236
Neva	2376	-376
Red Eagle	2444	-444
Wabaunsee	2606	-606
Root Shale	2650	-650
Stotler	2713	-713
Tarkio	2773	-773
Howard	2909	-909
Severy Shale	2958	-958
Topeka	2979	-979
Heebner	3214	-1214
Toronto	3230	-1230
Douglas Shale	3244	-1244
Brown Lime	3279	-1279
LKC	3296	-1296
Drum	3424	-1424

Form	ACO1 - Well Completion
Operator	F. G. Holl Company L.L.C.
Well Name	LANG/BAHR UNIT 2-26
Doc ID	1176857

Tops

Name	Top	Datum
BKC	3508	-1508
Arbuckle	3548	-1548
RTD	3750	-1750



WELLSITE GEOLOGIST'S REPORT

J. R. Husted
Consulting Geologist



Scale 1:240 (5"=100') Imperial
Measured Depth Log

Well Name:	LangBahr No 2-26	Region:	Barton,Ks
Location:	SEC.26-17S.-R15S	Drilling Completed:	NOV. 11-2013
License Number:	15-009-25-902-0000		
Spud Date:	Nov.1-2013		
Surface Coordinates:	950' FWL,330'FNL,40' W. of C NE NW NW		

Bottom Hole Coordinates:	VERTICAL				
Ground Elevation (ft):	1992'	K.B. Elevation (ft):	2000'		
Logged Interval (ft):	1800'	To:	3750'	Total Depth (ft):	3750'
Formation:	LANSING/KS., ARBUCKLE				
Type of Drilling Fluid:	STARCH/CHEMICAL				

Printed by WellSight Log Viewer from WellSight Systems 1-800-447-1534 www.WellSight.com

ROCK TYPES

Anhy	Gyp	Shgy	Sandylms
Bent	Lmst	Siltst	Siltstn
Cht	Meta	Ss	Shlystls
Clst	Mrlst	Till	Sh
Coal	Salt	Carb sh	Slysh
Congl	Shole	Dol	Lms
Dol		Dtd	
		Gry sh	

ACCESSORIES

FOSSIL	MINERAL	STRINGER	TEXTURE
Algae	Anhy	Salt	Boundst
Amph	Arggrn	Sandy	Shale
Belm	Arg	Silt	Grysit
Bioclst	Bent	Sill	Lms
Brach	Bit	Sulphur	Sandylms
Bryozoa	Brefracg	Tuff	Sh
Cephal	Calc	Chlorite	Siltstn
Coral	Carb	Dol	
Crin	Chtdk	Sand	
Echin	Chtlt	Silty	
Fish	Dol		
Foram	Feldspar	Anhy	
Fossil	Ferrpel	Arg	
Gastro	Ferr	Bent	
Oolite	Glaul	Coal	
Ostra	Gyp	Dol	
Pelec	Ls	Gyp	
Pellet	Hvymn	Ls	
Pisolite	Kaol	Mrlst	
Plant	Marl	Siltstrg	
Strom	Minxl	Ssstrg	
Fuss	Nodule	Carbsh	
Oornold	Phos	Clystn	
	Pyr		

OPERATOR

Company: F.G. HOLL COMPANY
 Address: 9431 E. CENTRAL STE 100
 WICHITA, KANSAS 67206

GEOLOGIST

Name: RENE HUSTEAD
 Company: HUSTEAD EXPLORATION
 Address: 600 N. WINWOOD ST
 GARDNER, KANSAS 66030

DRILLING CONTRACTOR

DUKE RIG #2
 DOUBLE DERRICK;DP-4.5 X H(20#);DC 6.25" X 2.25" X 480.73 FT; KELLY BUSHING 8 FT ABOVE GROUND LEVEL;DION VASQUEZ (TOOL-PUSHER)

SURFACE CASING

SURFACE CASING SET AT 8 5/8 INCHES AT 1032' WITH 400 SAXS OF CEMENT
 PRODUCTION CASING SET AT 4 1/2 INCHES AT 3748' WITH 200 SAXS OF CEMENT

GAS DETECTION

ANALOG UNIT MBC INC HW/CHROM (FROM 1600' TO 3750')

CIRCULATION SYSTEM

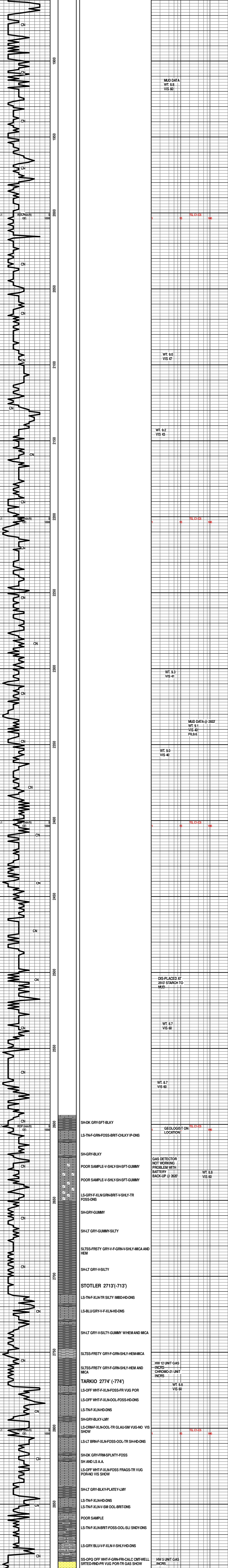
MUD PUMP: EWCO 14W400 ;BB/STRK .137; 60;BB/MIN 8.2;GAL/MIN 345;EARTH PITS;MUD CO SERVICE
 INC-RIICK HUGHES-1-620-752-5425

ELECTRIC LOGS

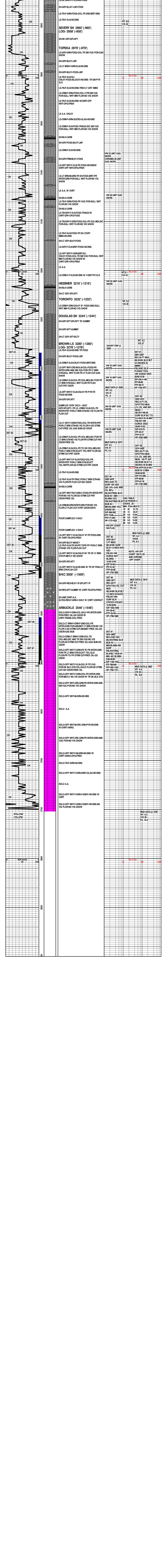
DUAL COMPENSATED PORSTY,MICRO LOG;DUAL INDUCTION LOG;FRAC FINDER; BORE HOLE COMPENSATED;SONIC LOG;MICRO RESISTIVITY LOG

COMPLETION

PRODUCTION CASING SET ON LANSING/KC



HOWARD 2910' (- 910')
 LS-TN-F-XLN-HD-DNS/WCHRT-TN-POQ-FRSH
 SH-GRY-SFT-GUMMY-FOSS
 LS-GRY-BLU-V-F-XLN-V-SHLY-HD-DNS



SH-GRY-BLKY-LMY-FOSS
 LS-TN-F-GRN-FOSS-OOL-TR SMD-BRIT-DNS
 LS-TN-F-XLN-HD-DNS
SEVY SH 2960' (-960')
LOG- 2558' (-958')
 SH-DK GRY-SPLNTY
TOPEKA 2979' (-979')
 LS-GRY-GRN-FOSS-OOL-TR SM VUG POR-GAS SHOW
 SH-GRY-BLKY-LMY
 LS-LT BRN-F-GRN-XLN-HD-DNS
 SH-GRY-BLKY-LMY
 LS-TN-F-XLN-SO
 CHLKY-FOSS-BLOCKY-HD-DNS-TR SM PYR XLS
 LS-TN-F-XLN-HD-DNS-TRSH LT GRV IMBD
 LS-CRM-F-GRN-FOSS-OOL-V-PR-SM VUG POR-DULL WHT MIN FLOR-NO VIS SHOW
 LS-TN-F-XLN-HD-DNS W/CHRT-OFF WHT-OPQ-FRSH
 LS A.A. CHLKY
 LS-CRM-F-GRN-SUCRO-GLAU-HD-DNS
 LS-CRM-F-XLN-FOSS FRAGS-ISO SM VUG POR-DULL WHT MIN FLOR-NO VIS SHOW
 SH-BLK-CARB
 SH-GRY-FOSS-BLKY-LMY
 LS-CRM-F-XLN-HD-DNS
 SH-GRY-FRM-BLKY-FOSS
 LS-OFF WHT-F-XLN-TR FOSS-HD-DNS/W/CHRT-OFF WHT-OPQ-FRSH
 LS-LT BRN-H-GRN-TR SH-FOSS-BRIT-PR INTER-GRN POR-DULL WHT FLOR-NO VIS SHOW
 LS A.A. W/CHRT
 SH-BLK-CARB
 LS-TN-F-GRN-FOSS-FR VUG POR-DULL WHT FLOR-NO VIS SHOW
 SH-BLK-CARB
 LS-TN-GRY-F-XLN-FOSS FRAGS-W/CHRT-GRY-OPQ-FOSS
 LS-TR-GRY-F-GRN-FOSS-OOL-FR OOL-MOLDIC POR-DULL WHT FLOR-NO VIS SHOW
 LS-TN-F-XLN-FOSS-TR SH LTGRY IMBD-HD-DNS
 SH-LT GRY-BLKY-FOSS
 LS-GRY-F-XLN-BRIT-FOSS-HD-DNS
 LS-OFF WHT-F-GRN-BRIT-SLI CHLKY-FOSS-OOL-TR SM VUG POR-DULL WHT MIN FLOR-NO VIS SHOW W/CHRT-GRY-OPQ-FRSH
 LS A.A.
 LS-CRM-V-F-XLN-HD-DNS W/ VSM PYR XLS
HEEBNER 3216' (-1216')
 SH-BLK-CARB
 SH-LT GRY-SPLNTY
TORONTO 3232' (-1232')
 LS-CRM-F-GRN-CHLKY IP-FOSS-DNS-DULL WHT MIN FLOR-NO VIS SHOW
DOUGLAS SH 3244' (-1244')
 SH-GRY-SFT-SPLNTY TO GUMMY
 SH-GRY-SFT-GUMMY
 SH-LT GRY-SFT-SILTY
BROWN LS 3280' (-1280')
LOG- 3278' (-1278')
 LS-TN-F-XLN-HD-DNS TR FOSS
 SH-GRY-BLKY-FOSS-LMY
 LS-CRM-F-XLN-CHLKY-FOSS-BRIT-DNS
 LS-OFF WHT-CRS-H-XLN-OOL-FOSS-PR INTER-GRN AND SM VUG POR-TR LT BRN STN-DULL WHT FLOR-TR LT FLSH CUT-GAS SHOW
 LS-CRM-F-XLN-OOL-FR OOL-MOLDIC POR-TR LT BRN STN-DULL WHT FLOR-TR STRM CUT-FNT ODOR
 LS-OFF WHT-F-XLN-CHLKY-TR PYR-TR FOSS-HD-DNS
 SH-GRY-SPLNTY
 SAMPLES VERY SHLY- SHLT GRY-SPLNTY-TR LS-CRM-F-XLN-OOL-TR INTER-PRT POR-LT BRN STN-NO VIS FLOR-TR FLSH CUT
 LS-LT GRY-F-GRN-FOSS-OOL-TR INTER-PRT POR-LT BRN STN-NO VIS FLOR-V-GD STRM CUT-FREE OIL GAS BUB-GD ODOR
 LS-CRM-F-XLN-OOL-FR OOL-MOLDIC POR-TR LT BRN STN-NO VIS FLOR-FR STRM CUT-FNT ODOR-FREE OIL
 LS-CRM-F-XLN-OOL-FR TO GD OOL-MOLDIC POR-LT BRN STN-SCATT YEL-WHT FLOR-GD STRM CUT-FNT ODOR
 LS-OFF WHT-F-XLN-FOSS-OOL-PR INTER-PRT POR-LT BRN STN-SCATT YEL-WHTFLOR-GD STRM CUT-FNT ODOR
 LS-TN-F-XLN-HD-DNS
 LS-TN-F-XLN-TR FRAC POR-LT BRN STN-NO VIS FLOR-FR FLSH CUT-NO ODOR
 SH-BLK-CARB
 LS-OFF WHT/TRN-F-GRN-V-FOSS-FR INTER-PRT POR-NO VIS FLOR-GD STRM CUT-FNT ODOR-FREE OIL
 LS-CRM-M-GRN-INTER-GRN POR-NO VIS FLOR-LT FLSH CUT-V-FNT ODOR-SSFO
 POOR SAMPLES V-SHLY
 POOR SAMPLES -V-SHLY
 LS-OFF WHT-F-XLN-CHLKY IP-TR FOSS-DNS W/CHRT-TN-OPQ-FRSH
 SH-GRY-BLKY-WAXEY
 LS-TN-F-XLN-TR SH-PR TOFR PP POR-LT BRN STN-NO VIS FLOR-FLSH CUT
 LS-OFF WHT-F-XLN-CHLKY-W/ TR OF LT BRN STN IP-ASTLY NO SHOW
 SH-GRY-SPLNTY
 LS-OFF WHT-F-XLN-HD-DNS W/ TR OF FRACLT BRN STN-FLSH CUT
B/KC 3509' (-1509')
 SH-GRY-RED-BLKY IP-SPLNTY IP
 SH-RED-SFT-GUMMY W/CHRT-TN-OPQ-FRSH
 SH AND CHRT A.A.
 SLTSS-RED-F-GRN-V-SHLY W/CHRT CONTACT
ARBUCKLE 3546' (-1546')
 DOLO-GRY-F-GRN-OOL-SHLY-PR INTER-GRN POR-FREE OIL-GD ODOR W/CHRT-TRANS-OOL-FRSH
 DOLO-LT BRN-F-GRN-F-SMD-OOL-FR INTER-GRN POR-ABUNDNT LT BRN STN-NO VIS FLOR-V-GD STRM CUT-ABUNDNT FREE OIL-GD ODOR-GAS BUB
 DOLO-CRM-LT BRN-F-GRN-OOL-TR OOL-MOLDIC AND TR SM VUG-NO VIS FLOR-GD STRM CUT-FREE OIL-GAS BUB-GD ODOR
 DOLO-OFF WHT-F-GRN-PR TO FR INTER-GRN POR-TR LT BRN STN-SCATT YEL-GLD FLOR-PR TO FR STRM CUT-FREE OIL-GD ODOR
 DOLO-OFF WHT-F-XLN-OOL-IP-TR VUG POR-DK BLK STN-YEL-GLD FLOR-GD STRM CUT-GD ODOR-FREE OIL
 DOLO-OFF WHT-F-GRN-OOL-FR INTER-GRN POR-ASTLY NO VIS SHOW W/ TR DK BLK STN
 DOLO-OFF WHT-CRS-GRN-FR INTER-GRN AND SM VUG POR-NO VIS SHOW
 DOLO-OFF WHT-M-GRN-HD-DNS
 DOLO A.A.
 DOLO-OFF WHT-M-CRS GRN-PYR-HD-DNS W-CHRT-VARIG.
 DOLO-OFF WHT-CRS GRN-FR INTER-GRN AND VUG POR-NO VIS SHOW
 DOLO-OFF WHT-F-M-GRN-HD-DNS W/CHRT-VARIG-OPQ-FRSH
 DOLO-TN-F-GRN-HD-DNS
 DOLO-OFF WHT-F-GRN-SNDY-GLAU-HD-DNS
 DOLO A.A.
 DOLO-OFF WHT-F-GRN-V-SNDY-HD-DNS W/CHRT
 DOLO-OFF WHT-F-GRN-V-SNDY-HD-DNS-NO VIS FLOR-NO VIS SHOW
 RTD=3797
 LTD=3797
 MUD DATA @ 3797
 WT 9.3
 VIS 58
 FIL 10.4

WT. 8.8	
VIS 43	
WT. 9.1	TG, CT, CS 140
VIS 53	1000
WT. 9.2	
VIS 55	
WT. 9.2	
VIS 57	
SHORT-TRIP @ 3285	DST #1 3294-3355 REC-20 FT MUD IBLWVK BLW BLT 3/4 INCHES IN 30MIN FBLWNO BLW FLSHED TOOL -WK SURGE DIED 30/60/15/30 SIP-226.4-196 IFP-66-69 FFP-69-72 HP-1639-1671
HW 25 UNIT GAS INCRS	DST #2 3355-3374 REC-3 FT OIL SPOTTED MUD (1% OIL AND 99% MUD) IBLWV-WEAK SURF BLW BLT TO 3/4 INCH IN 30 MIN FBLWV-WK SURGE DIED 30/60/15/30 SIP-510-70 IFP-35-37 HP-1639-1688
HW 10 UNIT GAS INCRS	DST #3 3374-3457 REC-35 FT OIL SPOTTED MUD (1% OIL AND 99% MUD) 145 FT GIP IBLWVK BLW 7.5 INCHES IN 30 MIN FBLWFR BLW BLT BOB IN 13 MIN 30/60/45/90 SIP-273-280 IFP-66-66 IFP-67-73 HP-1739-1690
MUD DATA @ 3330	DST #4 3450-3470 REC-GAS TO SURF 120 H2O 320' (10% GAS AND OIL 90%) IBLWSTRING BLW BOB IN 1 MIN GAS TABLE FLW PERIOD 2 CHOKE 25 MIN-BLWVK YES MIN PSIA MCF/D 5/60/60/120 10 20 31.73 SIP-369-368 20 14 22.21 IFP-74-86 30 8.6 13.64 IFP-77-249 40 8.6 13.64 HP-1773-1633 50 9.0 14.28 HP-1753-1802 60 9.0 14.28
WT 9.3 VIS 57 FIL 9.2	DST #5 3470-3517 3 FT MUD IBLWVK SURF BLW 1/2 INCH INTO H2O FBLWV-WK SURGE NOT BLDING 15/30/15/45 SIP-54-65 IFP-51-52 FFP-62-66 HP-1753-1802
WT 9.3 VIS 57 FIL 9.2	DST #6 3555-3571 REC-30 FT SPOTTED OIL CUT MUD IBLWVK BLW BLT 1/2 INCH IN BUCK FBLWV-WK- SURF BLW STAYED STEADY 15/30/30/60 SIP-1033-1046 IFP-39-42 FFP-43-45 HP-1796-1686
WT 9.3 VIS 58 FIL 10.4	DST #7 3570-3602 REC-2160' H2O IBLWSTRING BLW BOB IN 1 MIN-BLWVK-WK SURF FBLWSTRING BLWBLT BOB IN 1 MIN-NO BLWVK- 5/60/30/60 IFP-789-949 FFP-822-1160 HP-1750-1721
TG, CT, CS 140	1000
WT 9.3 VIS 58 FIL 10.4	MUD DATA @ 3602
TG, CT, CS 140	1000
WT 9.3 VIS 58 FIL 10.4	MUD DATA @ 3797
TG, CT, CS 140	1000



DRILL STEM TEST REPORT

Prepared For: **FG Holl Company L.L.C**

9431 E Central Ste 100 Wichita KS
67206+2563

ATTN: Rene Husted

Lang?Bahr Unit #2-26

26-17s-15w Barton

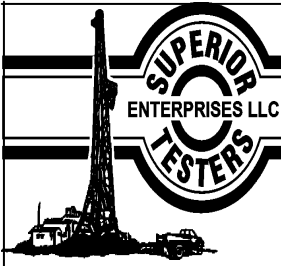
Start Date: 2013.11.06 @ 15:43:00

End Date: 2013.11.06 @ 21:07:00

Job Ticket #: 18453 DST #: 1

Superior Testers Enterprises LLC
PO Box 138 Great Bend KS 67530
1-800-792-6902

Printed: 2013.11.06 @ 21:19:39



DRILL STEM TEST REPORT

FG Holl Company L.L.C

26-17s-15w Barton

9431 E Central Ste 100 Wichita KS 67206+2563

Lang?Bahr Unit #2-26

ATTN: Rene Husted

Job Ticket: 18453

DST#: 1

Test Start: 2013.11.06 @ 15:43:00

GENERAL INFORMATION:

Formation: **Lansing A B C D**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 17:19:30

Time Test Ended: 21:07:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Jared Scheck

Unit No: 3320- Great Bend- 60

Interval: 3284.00 ft (KB) To 3355.00 ft (KB) (TVD)

Reference Elevations: 2000.00 ft (KB)

Total Depth: 3355.00 ft (KB) (TVD)

1992.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

Serial #: 8159

Press@RunDepth: 72.05 psia @ ft (KB)

Capacity: 5000.00 psia

Start Date: 2013.11.06

End Date: 2013.11.06

Last Calib.: 2013.11.06

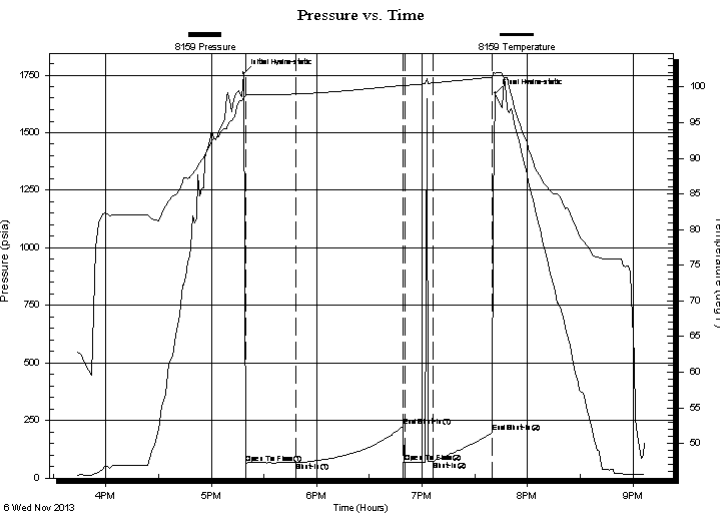
Start Time: 15:43:00

End Time: 21:07:00

Time On Btm: 2013.11.06 @ 17:18:30

Time Off Btm: 2013.11.06 @ 19:41:30

TEST COMMENT: 1st Opening 30 Minutes-Weak blow built 3/4 inch into bucket in 30 minutes
 1st Shut-in 60 Minutes-No blow back
 2nd Opening 15 minutes-No blow flushed tool w weak surge did not build
 2nd Shut-in 30 Minutes-No blow back



PRESSURE SUMMARY

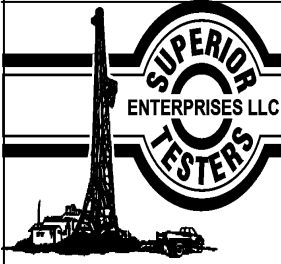
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1758.32	98.58	Initial Hydro-static
1	66.33	98.77	Open To Flow (1)
30	69.01	99.01	Shut-In(1)
91	226.38	100.23	End Shut-In(1)
92	69.32	100.20	Open To Flow (2)
108	72.05	100.56	Shut-In(2)
142	198.34	101.38	End Shut-In(2)
143	1671.21	101.94	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
20.00	mud	0.28

Gas Rates

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



DRILL STEM TEST REPORT

TOOL DIAGRAM

FG Holl Company L.L.C

26-17s-15w Barton

9431 E Central Ste 100 Wichita KS 67206+2563

Lang?Bahr Unit #2-26

Job Ticket: 18453

DST#: 1

ATTN: Rene Hustedad

Test Start: 2013.11.06 @ 15:43:00

Tool Information

Drill Pipe:	Length: 3282.00 ft	Diameter: 3.80 inches	Volume: 46.04 bbl	Tool Weight: 1000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 53000.00 lb
			<u>Total Volume: 46.04 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	26.00 ft			String Weight: Initial 48000.00 lb
Depth to Top Packer:	3284.00 ft			Final 48000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	71.00 ft			
Tool Length:	99.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
------------------	-------------	------------	----------	------------	----------------

Shut-In Tool	5.00			3261.00	
Hydraulic Tool	5.00			3266.00	
Jars	6.00			3272.00	
Safety Joint	2.00			3274.00	
Packer	5.00			3279.00	28.00 Bottom Of Top Packer
Packer	5.00			3284.00	
Anchor	0.00			3284.00	
Change Over Sub	0.75			3284.75	
Drill Pipe	31.50			3316.25	
Change Over Sub	0.75			3317.00	
Anchor	33.00			3350.00	
Recorder	1.00	6731	Inside	3351.00	
Recorder	1.00	8159	Outside	3352.00	
Bullnose	3.00			3355.00	71.00 Bottom Packers & Anchor

Total Tool Length: 99.00



DRILL STEM TEST REPORT

FLUID SUMMARY

FG Holl Company L.L.C

26-17s-15w Barton

9431 E Central Ste 100 Wichita KS 67206+2563

Lang?Bahr Unit #2-26

Job Ticket: 18453

DST#: 1

ATTN: Rene Husted

Test Start: 2013.11.06 @ 15:43:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length: ft

Water Salinity: ppm

Viscosity: 51.00 sec/qt

Cushion Volume: bbl

Water Loss: 8.80 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure: psia

Salinity: 6100.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
20.00	mud	0.281

Total Length: 20.00 ft Total Volume: 0.281 bbl

Num Fluid Samples: 0

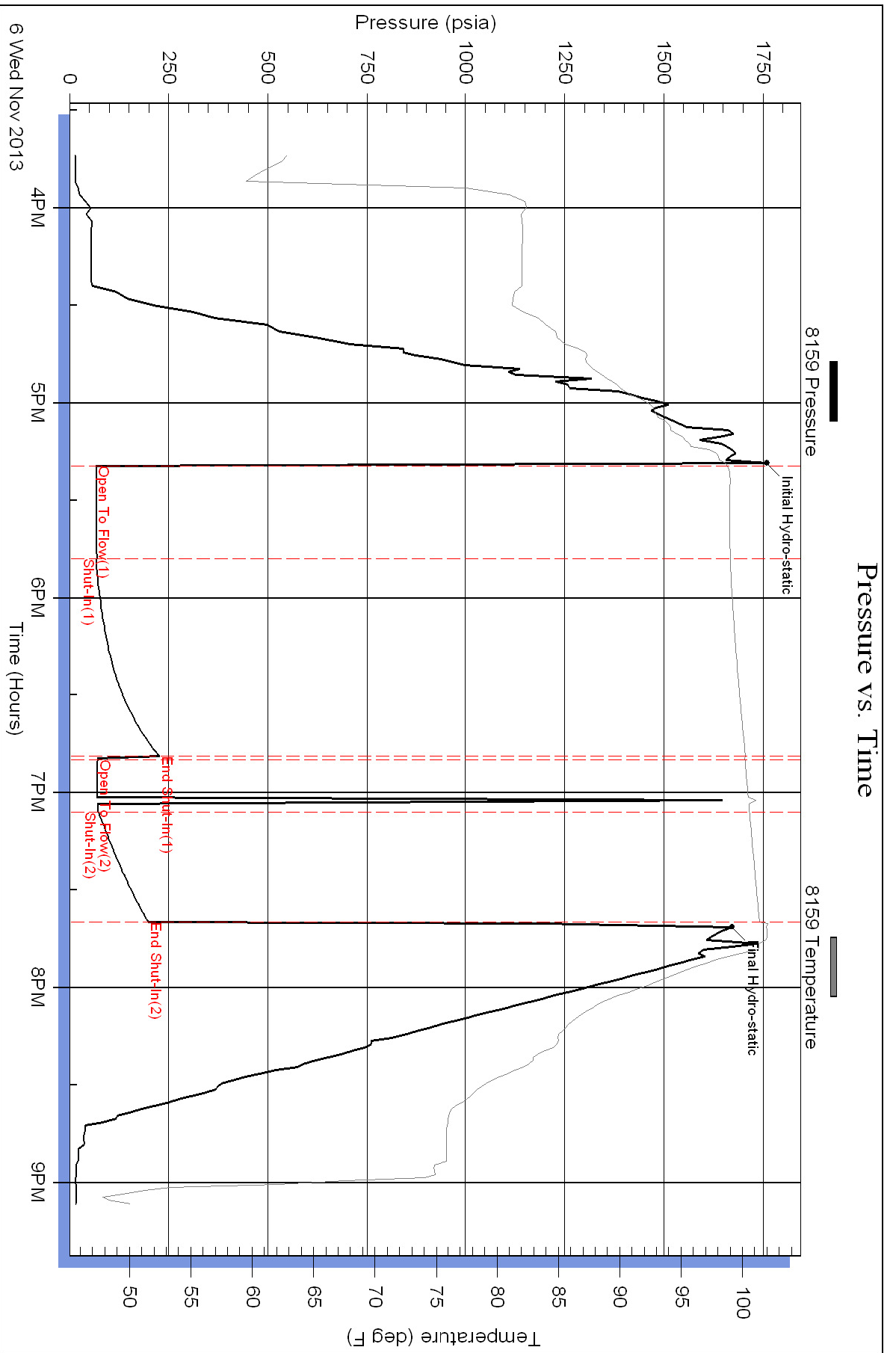
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





DRILL STEM TEST REPORT

Prepared For: **FG Holl Company L.L.C**

9431 E Central Ste 100 Wichita KS
67206+2563

ATTN: Rene Husted

Lang?Bahr Unit #2-26

26-17s-15w Barton

Start Date: 2013.11.07 @ 05:50:00

End Date: 2013.11.07 @ 11:10:30

Job Ticket #: 18454 DST #: 2

Superior Testers Enterprises LLC
PO Box 138 Great Bend KS 67530
1-800-792-6902

Printed: 2013.11.07 @ 11:21:50

FG Holl Company L.L.C

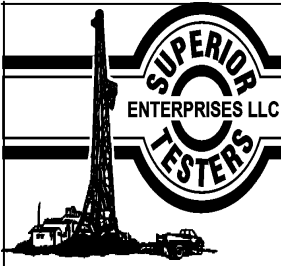
26-17s-15w Barton

Lang?Bahr Unit #2-26

DST # 2

Lansing F.G

2013.11.07



DRILL STEM TEST REPORT

FG Holl Company L.L.C

26-17s-15w Barton

9431 E Central Ste 100 Wichita KS 67206+2563

Lang?Bahr Unit #2-26

ATTN: Rene Husted

Job Ticket: 18454

DST#: 2

Test Start: 2013.11.07 @ 05:50:00

GENERAL INFORMATION:

Formation: **Lansing F,G**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 07:28:30

Time Test Ended: 11:10:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Jared Scheck

Unit No: 3320-Great Bend - 47

Interval: 3355.00 ft (KB) To 3374.00 ft (KB) (TVD)

Reference Elevations: 2000.00 ft (KB)

Total Depth: 3355.00 ft (KB) (TVD)

1992.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

Serial #: 6731

Press@RunDepth: 37.35 psia @ ft (KB)

Capacity: 5000.00 psia

Start Date: 2013.11.07

End Date: 2013.11.07

Last Calib.: 2013.11.07

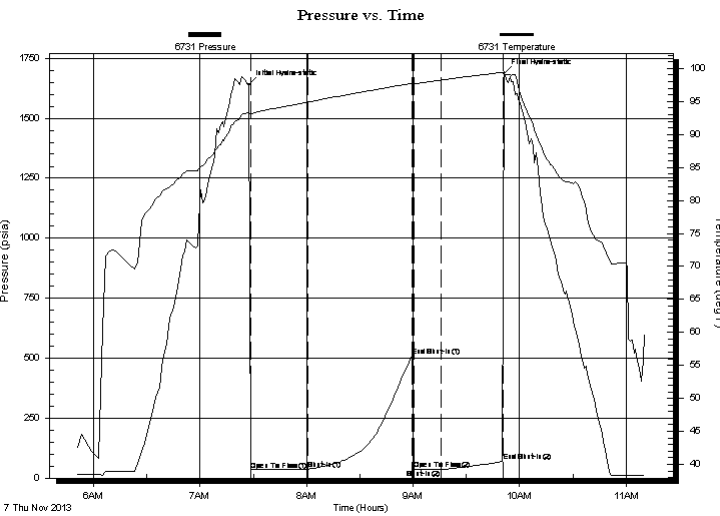
Start Time: 05:50:00

End Time: 11:10:30

Time On Btm: 2013.11.07 @ 07:27:30

Time Off Btm: 2013.11.07 @ 09:51:30

TEST COMMENT: 1st Opening 30 Minutes-Weak blow built 3/4 inch into water in 30 minutes
 1st Shut-in 60 Minutes-No blow back
 2nd Opening 15 Minutes-Very weak surge did not build
 2nd Shut-in 30 Minutes-No blow back



PRESSURE SUMMARY

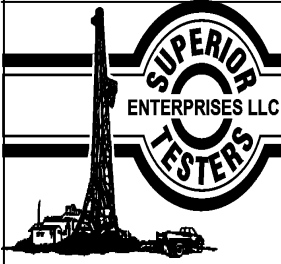
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1639.04	93.30	Initial Hydro-static
1	34.60	93.05	Open To Flow (1)
34	36.98	94.90	Shut-In(1)
92	509.78	97.72	End Shut-In(1)
93	37.39	97.66	Open To Flow (2)
109	37.35	98.24	Shut-In(2)
143	69.46	99.39	End Shut-In(2)
144	1687.90	99.11	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	spot oil cut mud 1%oil 99%mud	0.07

Gas Rates

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



DRILL STEM TEST REPORT

FG Holl Company L.L.C

26-17s-15w Barton

9431 E Central Ste 100 Wichita KS 67206+2563

Lang?Bahr Unit #2-26

ATTN: Rene Husted

Job Ticket: 18454

DST#: 2

Test Start: 2013.11.07 @ 05:50:00

GENERAL INFORMATION:

Formation: **Lansing F,G**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 07:28:30

Time Test Ended: 11:10:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Jared Scheck

Unit No: 3320-Great Bend - 47

Interval: 3355.00 ft (KB) To 3374.00 ft (KB) (TVD)

Reference Elevations: 2000.00 ft (KB)

Total Depth: 3355.00 ft (KB) (TVD)

1992.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

Serial #: 8159

Press@RunDepth: 70.00 psia @ ft (KB)

Capacity: 5000.00 psia

Start Date: 2013.11.07

End Date: 2013.11.07

Last Calib.: 2013.11.07

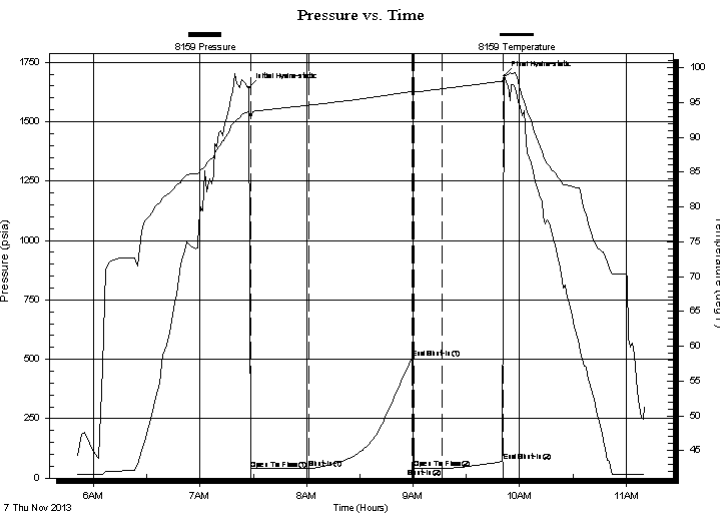
Start Time: 05:50:00

End Time: 11:10:30

Time On Btm: 2013.11.07 @ 07:27:30

Time Off Btm: 2013.11.07 @ 09:51:30

TEST COMMENT: 1st Opening 30 Minutes-Weak blow built 3/4 inch into water in 30 minutes
 1st Shut-in 60 Minutes-No blow back
 2nd Opening 15 Minutes-Very weak surge did not build
 2nd Shut-in 30 Minutes-No blow back



PRESSURE SUMMARY

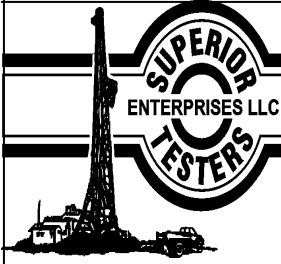
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1642.25	93.66	Initial Hydro-static
1	38.23	92.91	Open To Flow (1)
34	39.87	94.64	Shut-In(1)
92	506.65	96.61	End Shut-In(1)
93	41.30	96.52	Open To Flow (2)
109	40.60	97.00	Shut-In(2)
143	70.00	98.08	End Shut-In(2)
144	1693.14	98.68	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	spot oil cut mud 1%oil 99%mud	0.07

Gas Rates

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



DRILL STEM TEST REPORT

TOOL DIAGRAM

FG Holl Company L.L.C

26-17s-15w Barton

9431 E Central Ste 100 Wichita KS 67206+2563

Lang?Bahr Unit #2-26

Job Ticket: 18454

DST#: 2

ATTN: Rene Husted

Test Start: 2013.11.07 @ 05:50:00

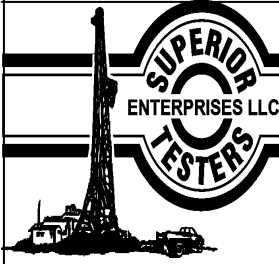
Tool Information

Drill Pipe:	Length: 3342.00 ft	Diameter: 3.80 inches	Volume: 46.88 bbl	Tool Weight: 1000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 53000.00 lb
			<u>Total Volume: 46.88 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	15.00 ft			String Weight: Initial 48000.00 lb
Depth to Top Packer:	3355.00 ft			Final 48000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	19.00 ft			
Tool Length:	47.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
------------------	-------------	------------	----------	------------	----------------

Shut-In Tool	5.00			3332.00	
Hydraulic Tool	5.00			3337.00	
Jars	6.00			3343.00	
Safety Joint	2.00			3345.00	
Packer	5.00			3350.00	28.00 Bottom Of Top Packer
Packer	5.00			3355.00	
Anchor	14.00			3369.00	
Recorder	1.00	6731	Inside	3370.00	
Recorder	1.00	8159	Outside	3371.00	
Bullnose	3.00			3374.00	19.00 Bottom Packers & Anchor
Total Tool Length:	47.00				



DRILL STEM TEST REPORT

FLUID SUMMARY

FG Holl Company L.L.C

26-17s-15w Barton

9431 E Central Ste 100 Wichita KS 67206+2563

Lang?Bahr Unit #2-26

Job Ticket: 18454

DST#:2

ATTN: Rene Husted

Test Start: 2013.11.07 @ 05:50:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 51.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.80 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psia

Salinity: 6100.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	spot oil cut mud 1%oil 99%mud	0.070

Total Length: 5.00 ft Total Volume: 0.070 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

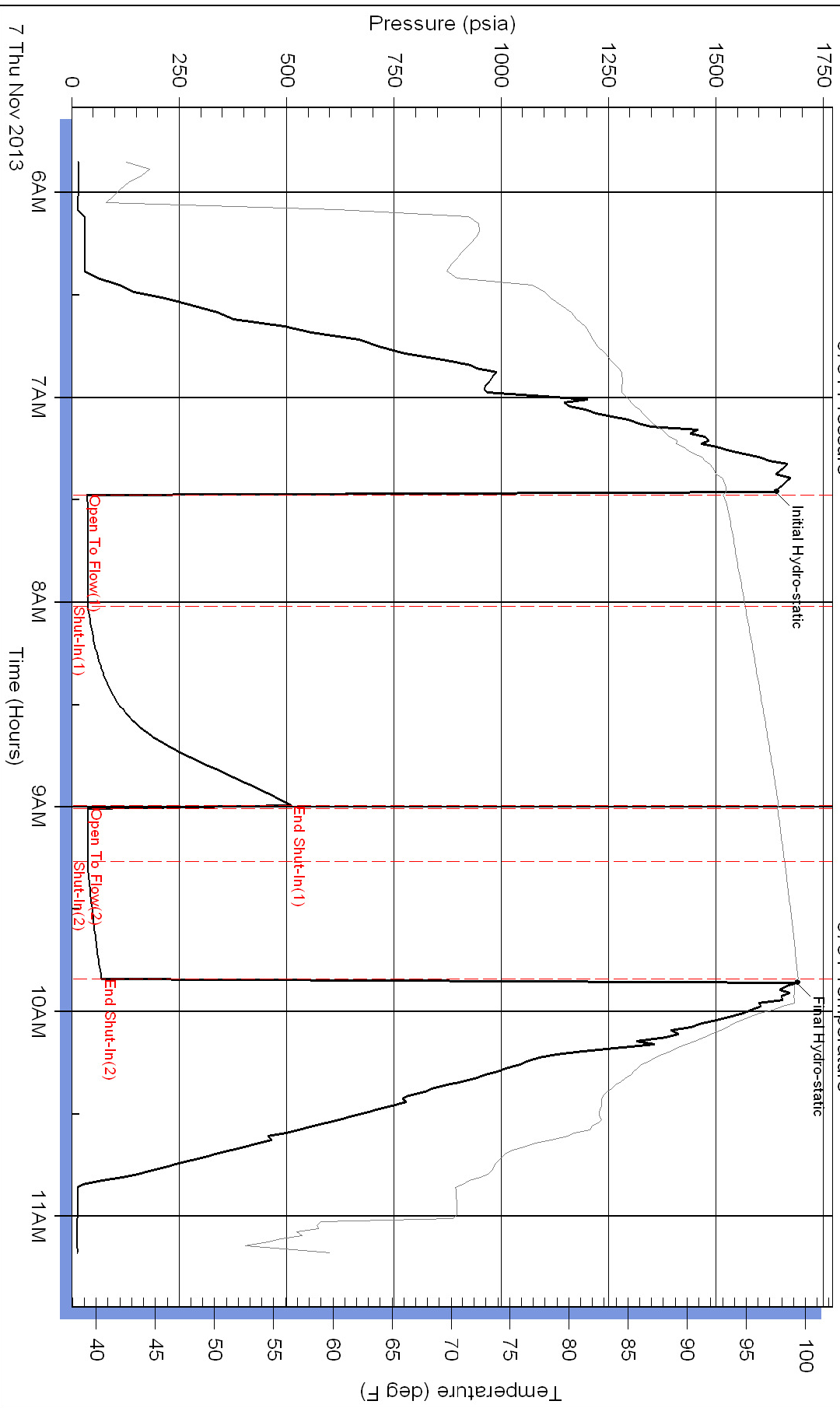
Serial #:

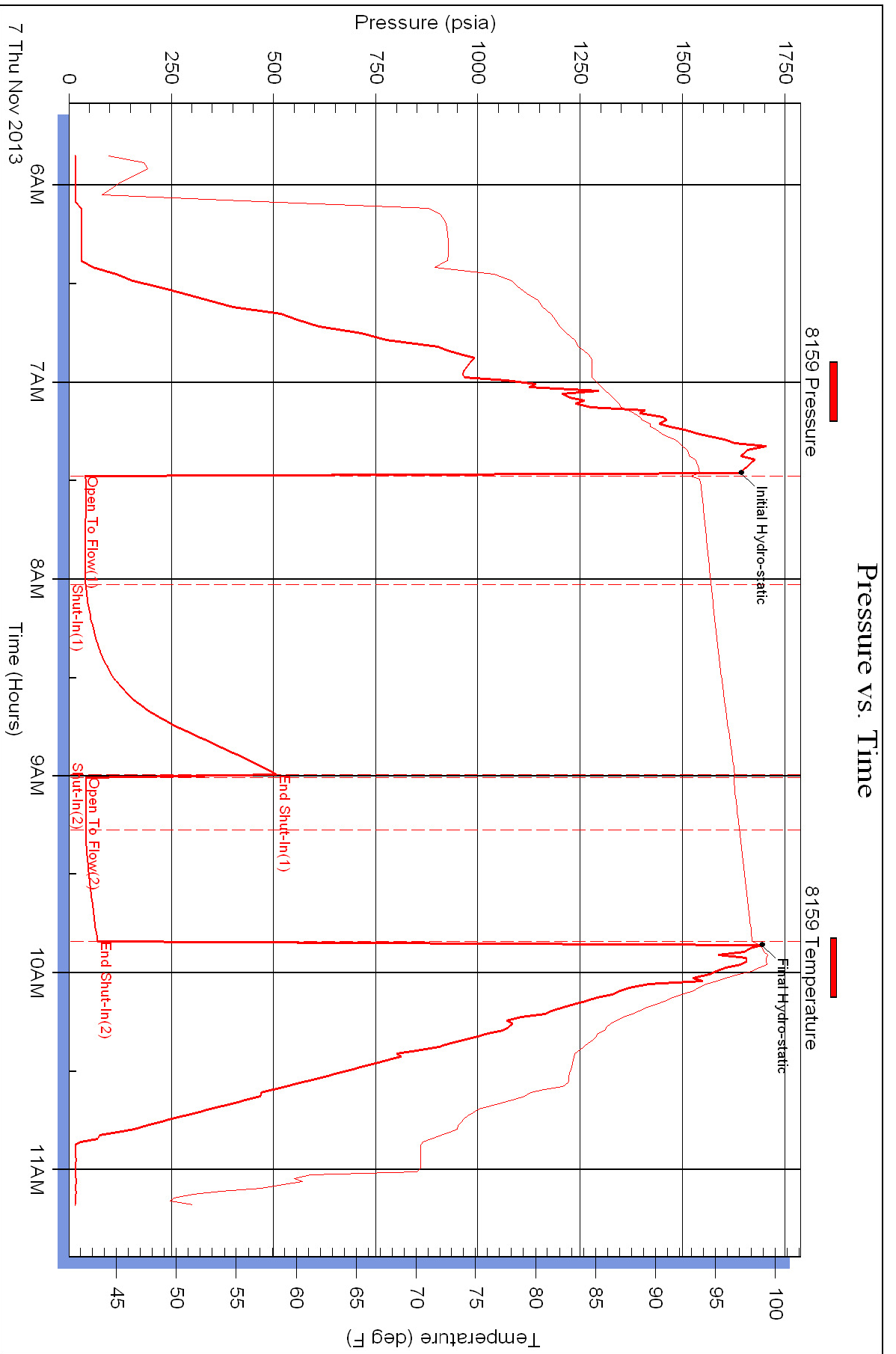
Laboratory Name:

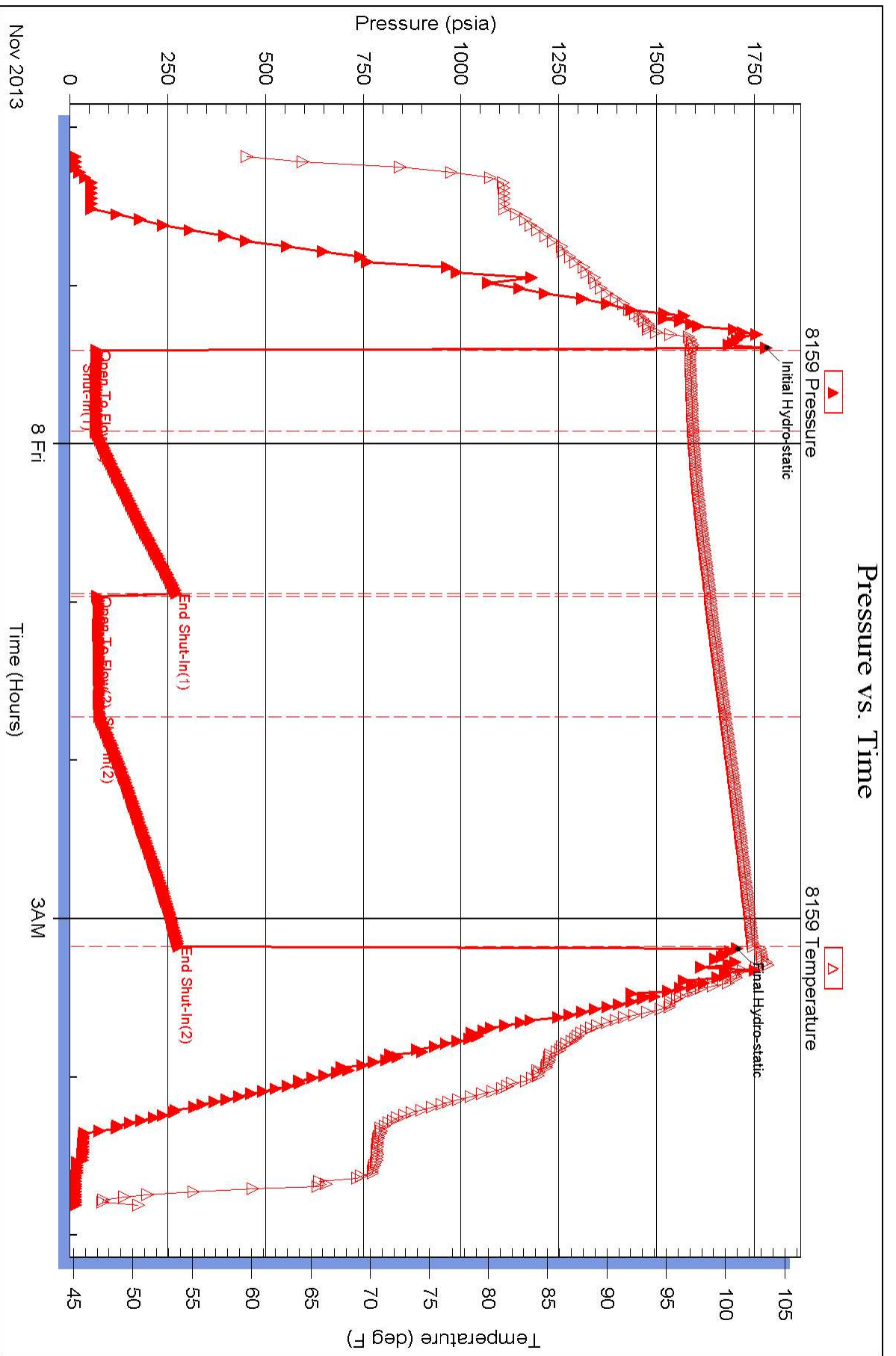
Laboratory Location:

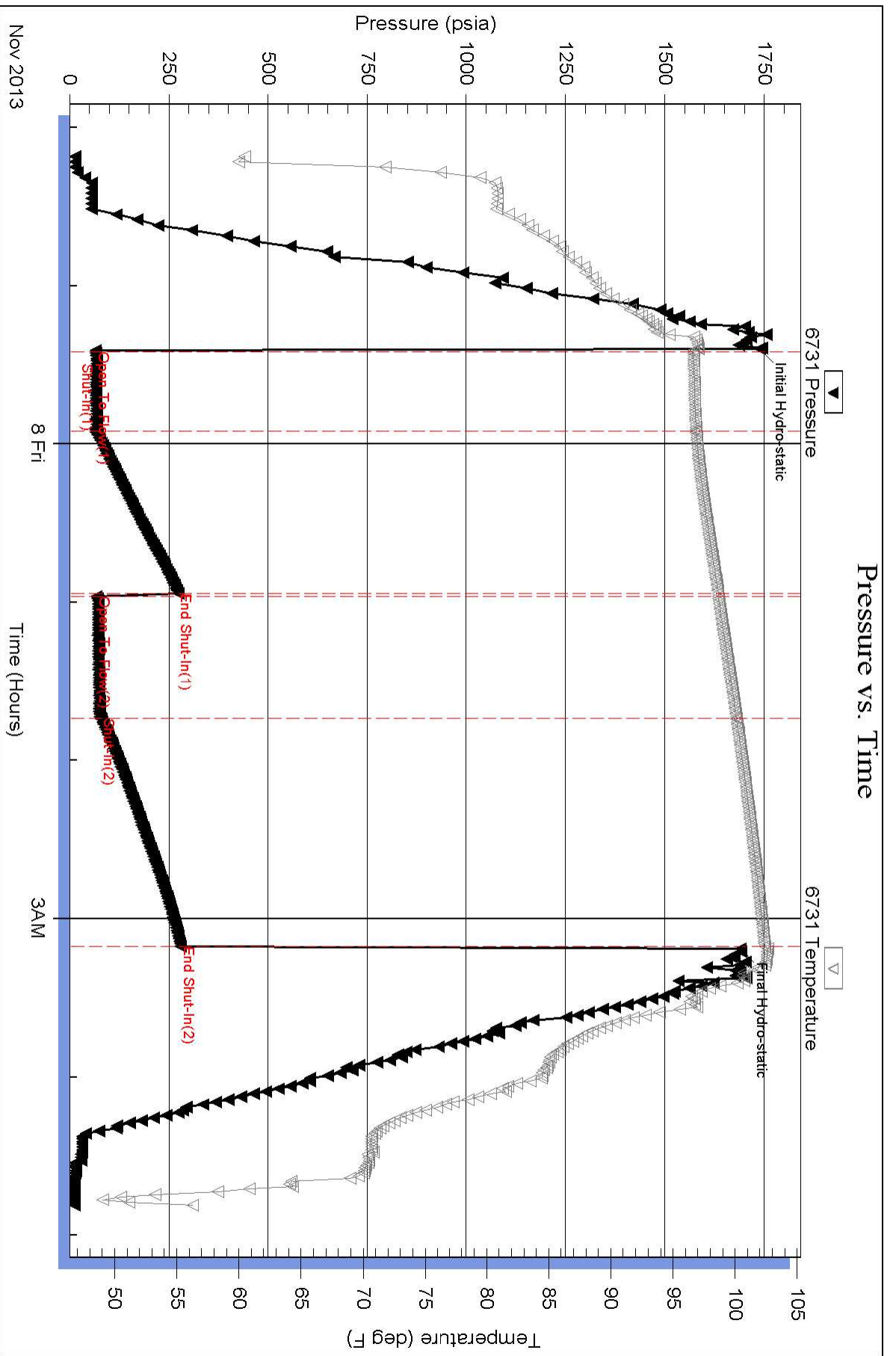
Recovery Comments:

Pressure vs. Time











DRILL STEM TEST REPORT

FLUID SUMMARY

FG Holl Company L.L.C

26-17s-15w Barton

9431 E Central Ste 100 Wichita KS 67206+2563

Lang?Bahr Unit #2-26

Job Ticket: 18455

DST#: 3

ATTN: Rene Husted

Test Start: 2013.11.07 @ 22:10:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 57.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.19 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psia

Salinity: 6800.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
35.00	spot oil cut mud 1%oil 99%mud	0.491
0.00	145 gas in pipe	0.000

Total Length: 35.00 ft Total Volume: 0.491 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



DRILL STEM TEST REPORT

TOOL DIAGRAM

FG Holl Company L.L.C

26-17s-15w Barton

9431 E Central Ste 100 Wichita KS 67206+2563

Lang?Bahr Unit #2-26

Job Ticket: 18455

DST#: 3

ATTN: Rene Husted

Test Start: 2013.11.07 @ 22:10:00

Tool Information

Drill Pipe:	Length: 3374.00 ft	Diameter: 3.80 inches	Volume: 47.33 bbl	Tool Weight: 1000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 53000.00 lb
			<u>Total Volume: 47.33 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	28.00 ft			String Weight: Initial 48000.00 lb
Depth to Top Packer:	3374.00 ft			Final 48000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	76.00 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
------------------	-------------	------------	----------	------------	----------------

Shut-In Tool	5.00			3351.00	
Hydraulic Tool	5.00			3356.00	
Jars	6.00			3362.00	
Safety Joint	2.00			3364.00	
Packer	5.00			3369.00	28.00 Bottom Of Top Packer
Packer	5.00			3374.00	
Anchor	0.00			3374.00	
Change Over Sub	0.75			3374.75	
Drill Pipe	31.50			3406.25	
Change Over Sub	0.75			3407.00	
Anchor	38.00			3445.00	
Recorder	1.00	6731	Inside	3446.00	
Recorder	1.00	8159	Outside	3447.00	
Bullnose	3.00			3450.00	76.00 Bottom Packers & Anchor

Total Tool Length: 104.00



DRILL STEM TEST REPORT

FG Holl Company L.L.C

26-17s-15w Barton

9431 E Central Ste 100 Wichita KS 67206+2563

Lang?Bahr Unit #2-26

ATTN: Rene Husted

Job Ticket: 18455

DST#: 3

Test Start: 2013.11.07 @ 22:10:00

GENERAL INFORMATION:

Formation: **Lansing G, H, I**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 23:25:00

Time Test Ended: 04:49:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Jared Scheck

Unit No: 3320- Great Bend - 4

Interval: 3374.00 ft (KB) To 3450.00 ft (KB) (TVD)

Reference Elevations: 2000.00 ft (KB)

Total Depth: 3450.00 ft (KB) (TVD)

1992.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

Serial #: 8159

Press @RunDepth: 278.12 psia @ ft (KB)

Capacity: 50000.00 psia

Start Date: 2013.11.07

End Date: 2013.11.08

Last Calib.: 2013.11.08

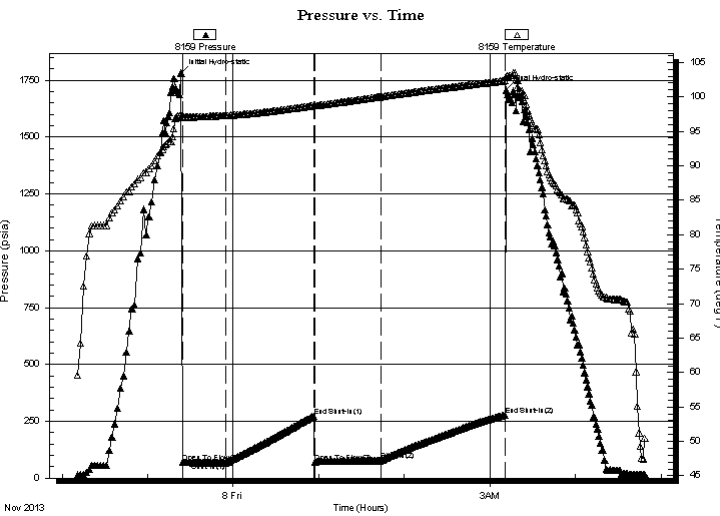
Start Time: 22:11:00

End Time: 04:48:30

Time On Btm: 2013.11.07 @ 23:23:30

Time Off Btm: 2013.11.08 @ 03:11:30

TEST COMMENT: 1st Opening 30 Minutes-Weak blow built 7 1/2 inches into water in 30 minutes
 1st Shut-in 60 Minutes-No blow back
 2nd Opening 45 Minutes-Fair blow built bottom of bucket in 13 minutes
 2nd Shut-in 90 Minutes-No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1781.12	97.36	Initial Hydro-static
1	69.32	97.13	Open To Flow (1)
32	68.20	97.28	Shut-In(1)
93	272.68	98.73	End Shut-In(1)
94	71.35	98.70	Open To Flow (2)
140	77.41	100.01	Shut-In(2)
227	278.12	102.33	End Shut-In(2)
228	1707.27	102.94	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
35.00	spot oil cut mud 1%oil 99%mud	0.49
0.00	145 gas in pipe	0.00

Gas Rates

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



DRILL STEM TEST REPORT

FG Holl Company L.L.C

26-17s-15w Barton

9431 E Central Ste 100 Wichita KS 67206+2563

Lang?Bahr Unit #2-26

ATTN: Rene Husted

Job Ticket: 18455

DST#: 3

Test Start: 2013.11.07 @ 22:10:00

GENERAL INFORMATION:

Formation: **Lansing G, H, I**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 23:25:00

Time Test Ended: 04:49:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Jared Scheck

Unit No: 3320- Great Bend - 4

Interval: 3374.00 ft (KB) To 3450.00 ft (KB) (TVD)

Reference Elevations: 2000.00 ft (KB)

Total Depth: 3450.00 ft (KB) (TVD)

1992.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

Serial #: 6731

Press @ RunDepth: 77.67 psia @ ft (KB)

Capacity: 5000.00 psia

Start Date: 2013.11.07

End Date: 2013.11.08

Last Calib.: 2013.11.08

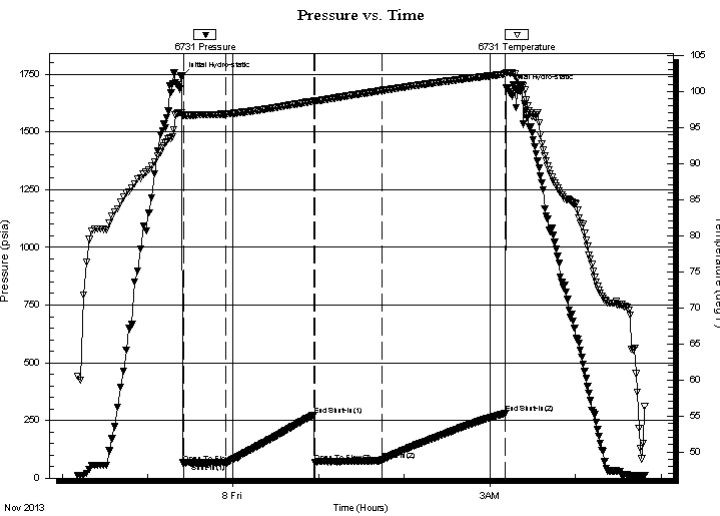
Start Time: 22:11:00

End Time: 04:49:00

Time On Btm: 2013.11.07 @ 23:24:00

Time Off Btm: 2013.11.08 @ 03:11:30

TEST COMMENT: 1st Opening 30 Minutes-Weak blow built 7 1/2 inches into water in 30 minutes
 1st Shut-in 60 Minutes-No blow back
 2nd Opening 45 Minutes-Fair blow built bottom of bucket in 13 minutes
 2nd Shut-in 90 Minutes-No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1738.46	97.04	Initial Hydro-static
1	65.83	96.65	Open To Flow (1)
31	65.48	96.86	Shut-In(1)
93	273.14	98.64	End Shut-In(1)
94	67.42	98.63	Open To Flow (2)
140	77.67	100.10	Shut-In(2)
227	279.64	102.38	End Shut-In(2)
228	1690.17	102.62	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
35.00	spot oil cut mud 1%oil 99%mud	0.49
0.00	145 gas in pipe	0.00

Gas Rates

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



DRILL STEM TEST REPORT

Prepared For: **FG Holl Company L.L.C**

9431 E Central Ste 100 Wichita KS
67206+2563

ATTN: Rene Husted

Lang?Bahr Unit #2-26

26-17s-15w Barton

Start Date: 2013.11.07 @ 22:10:00

End Date: 2013.11.08 @ 04:49:00

Job Ticket #: 18455 DST #: 3

Superior Testers Enterprises LLC
PO Box 138 Great Bend KS 67530
1-800-792-6902

Printed: 2013.11.08 @ 05:38:17



DRILL STEM TEST REPORT

Prepared For: **FG Holl Company L.L.C**

9431 E Central Ste 100 Wichita KS
67206+2563

ATTN: Rene Husted

Lang?Bahr Unit #2-26

26-17s-15w Barton

Start Date: 2013.11.08 @ 12:01:00

End Date: 2013.11.08 @ 19:17:30

Job Ticket #: 18456 DST #: 4

Superior Testers Enterprises LLC
PO Box 138 Great Bend KS 67530
1-800-792-6902

Printed: 2013.11.08 @ 19:47:41

FG Holl Company L.L.C

26-17s-15w Barton

Lang?Bahr Unit #2-26

DST # 4

Lansing J

2013.11.08



DRILL STEM TEST REPORT

FG Holl Company L.L.C

26-17s-15w Barton

9431 E Central Ste 100 Wichita KS 67206+2563

Lang?Bahr Unit #2-26

ATTN: Rene Husted

Job Ticket: 18456

DST#: 4

Test Start: 2013.11.08 @ 12:01:00

GENERAL INFORMATION:

Formation: **Lansing J**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 13:22:00

Time Test Ended: 19:17:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Jared Scheck

Unit No: 3320-Great Bend -47

Interval: 3450.00 ft (KB) To 3470.00 ft (KB) (TVD)

Reference Elevations: 2000.00 ft (KB)

Total Depth: 3470.00 ft (KB) (TVD)

1992.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

Serial #: 6731

Press@RunDepth: 248.63 psia @ ft (KB)

Capacity: 5000.00 psia

Start Date: 2013.11.08

End Date: 2013.11.08

Last Calib.: 2013.11.08

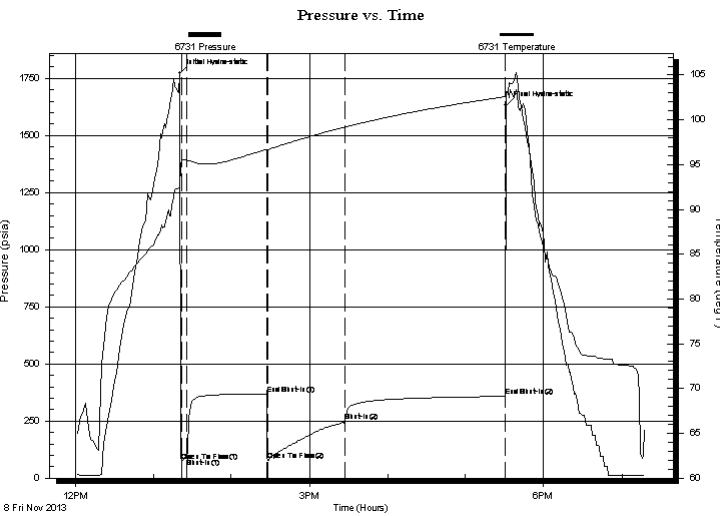
Start Time: 12:01:00

End Time: 19:17:30

Time On Btm: 2013.11.08 @ 13:20:30

Time Off Btm: 2013.11.08 @ 17:31:00

TEST COMMENT: 1st Opening 5 Minutes-Strong blow built bottom of bucket in less one minutes
 1st Shut-in 60 Minutes-w eak blow back
 2nd Opening 60 Minutes-Strong blow built bottom of bucket in 1 minute Gas to surface in 7 minutes
 2nd Shut-in 120 Minutes-Blow back built 5 inches



PRESSURE SUMMARY

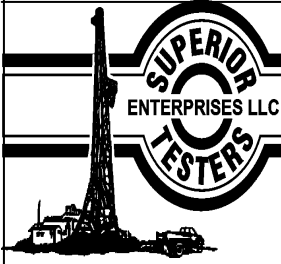
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1773.09	92.44	Initial Hydro-static
2	73.86	95.48	Open To Flow (1)
6	85.46	95.47	Shut-In(1)
67	368.56	96.71	End Shut-In(1)
68	76.49	96.68	Open To Flow (2)
127	248.63	99.19	Shut-In(2)
250	358.36	102.57	End Shut-In(2)
251	1632.85	102.90	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	water	1.68
320.00	Clean gassy oil 10%gas 90%oil	4.49
0.00	2900 feet gas in pipe	0.00
0.00	chlorides 80,000 resistivity .07 @65 deg	0.00
0.00	gravity oil 45	0.00

Gas Rates

	Choke (inches)	Pressure (psia)	Gas Rate (Mcf/d)
First Gas Rate	0.25	20.00	31.73
Last Gas Rate	0.25	9.00	14.28
Max. Gas Rate	0.25	20.00	31.73



DRILL STEM TEST REPORT

FG Holl Company L.L.C

26-17s-15w Barton

9431 E Central Ste 100 Wichita KS 67206+2563

Lang?Bahr Unit #2-26

ATTN: Rene Husted

Job Ticket: 18456

DST#: 4

Test Start: 2013.11.08 @ 12:01:00

GENERAL INFORMATION:

Formation: **Lansing J**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 13:22:00

Time Test Ended: 19:17:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Jared Scheck

Unit No: 3320-Great Bend -47

Interval: 3450.00 ft (KB) To 3470.00 ft (KB) (TVD)

Reference Elevations: 2000.00 ft (KB)

Total Depth: 3470.00 ft (KB) (TVD)

1992.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

Serial #: 8159

Press@RunDepth: 358.86 psia @ ft (KB)

Capacity: 5000.00 psia

Start Date: 2013.11.08

End Date: 2013.11.08

Last Calib.: 2013.11.08

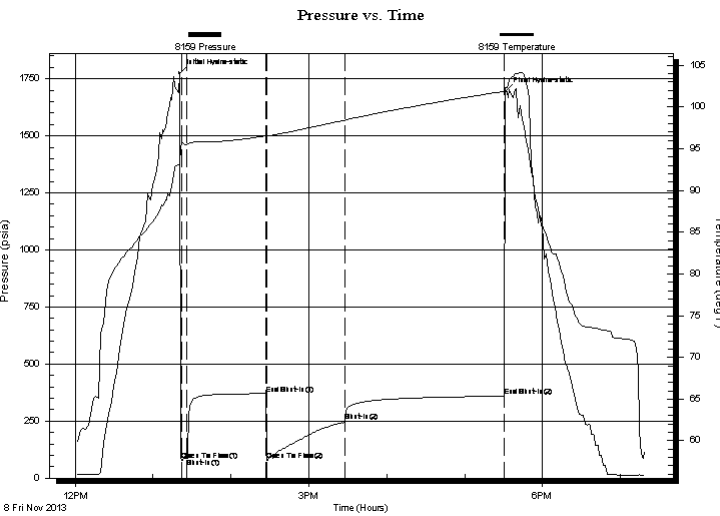
Start Time: 12:01:00

End Time: 19:18:30

Time On Btm: 2013.11.08 @ 13:20:30

Time Off Btm: 2013.11.08 @ 17:31:30

TEST COMMENT: 1st Opening 5 Minutes-Strong blow built bottom of bucket in less one minutes
 1st Shut-in 60 Minutes-w eak blow back
 2nd Opening 60 Minutes-Strong blow built bottom of bucket in 1 minute Gas to surface in 7 minutes
 2nd Shut-in 120 Minutes-Blow back built 5 inches



PRESSURE SUMMARY

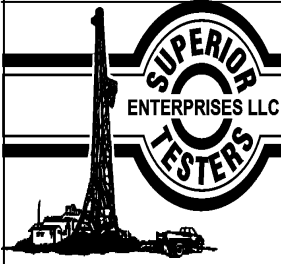
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1774.44	93.17	Initial Hydro-static
2	77.21	95.61	Open To Flow (1)
6	86.68	95.50	Shut-In(1)
67	370.22	96.57	End Shut-In(1)
68	78.62	96.52	Open To Flow (2)
127	248.95	98.42	Shut-In(2)
250	358.86	101.87	End Shut-In(2)
251	1694.22	102.31	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	water	1.68
320.00	Clean gassy oil 10%gas 90%oil	4.49
0.00	2900 feet gas in pipe	0.00
0.00	chlorides 80,000 resistivity .07 @65 deg	0.00
0.00	gravity oil 45	0.00

Gas Rates

	Choke (inches)	Pressure (psia)	Gas Rate (Mcf/d)
First Gas Rate	0.25	20.00	31.73
Last Gas Rate	0.25	9.00	14.28
Max. Gas Rate	0.25	20.00	31.73



DRILL STEM TEST REPORT

TOOL DIAGRAM

FG Holl Company L.L.C

26-17s-15w Barton

9431 E Central Ste 100 Wichita KS 67206+2563

Lang?Bahr Unit #2-26

Job Ticket: 18456

DST#: 4

ATTN: Rene Husted

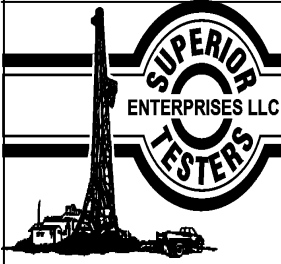
Test Start: 2013.11.08 @ 12:01:00

Tool Information

Drill Pipe:	Length: 3440.00 ft	Diameter: 3.80 inches	Volume: 48.25 bbl	Tool Weight:	1000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose:	85000.00 lb
			<u>Total Volume: 48.25 bbl</u>	Tool Chased	3.00 ft
Drill Pipe Above KB:	18.00 ft			String Weight: Initial	48000.00 lb
Depth to Top Packer:	3450.00 ft			Final	50000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	20.00 ft				
Tool Length:	48.00 ft				
Number of Packers:	2	Diameter: 6.75 inches			

Tool Comments: Gas sample was taken

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut-In Tool	5.00			3427.00	
Hydraulic Tool	5.00			3432.00	
Jars	6.00			3438.00	
Safety Joint	2.00			3440.00	
Packer	5.00			3445.00	28.00 Bottom Of Top Packer
Packer	5.00			3450.00	
Anchor	15.00			3465.00	
Recorder	1.00	6731	Inside	3466.00	
Recorder	1.00	8159	Outside	3467.00	
Bullnose	3.00			3470.00	20.00 Bottom Packers & Anchor
Total Tool Length:	48.00				



DRILL STEM TEST REPORT

FLUID SUMMARY

FG Holl Company L.L.C

26-17s-15w Barton

9431 E Central Ste 100 Wichita KS 67206+2563

Lang?Bahr Unit #2-26

Job Ticket: 18456

DST#: 4

ATTN: Rene Husted

Test Start: 2013.11.08 @ 12:01:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 57.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.20 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psia

Salinity: 6800.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
120.00	water	1.683
320.00	Clean gassy oil 10%gas 90%oil	4.489
0.00	2900 feet gas in pipe	0.000
0.00	chlorides 80,000 resistivity .07 @65 deg	0.000
0.00	gravity oil 45	0.000

Total Length: 440.00 ft Total Volume: 6.172 bbl

Num Fluid Samples: 0

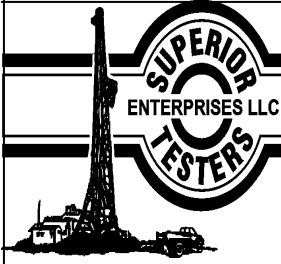
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: gas to surface 7 minutes ninto 2nd open see gas report/chlorides 80,000/gravity oil 45



DRILL STEM TEST REPORT

GAS RATES

FG Holl Company L.L.C

26-17s-15w Barton

9431 E Central Ste 100 Wichita KS 67206+2563

Lang?Bahr Unit #2-26

Job Ticket: 18456

DST#: 4

ATTN: Rene Husted

Test Start: 2013.11.08 @ 12:01:00

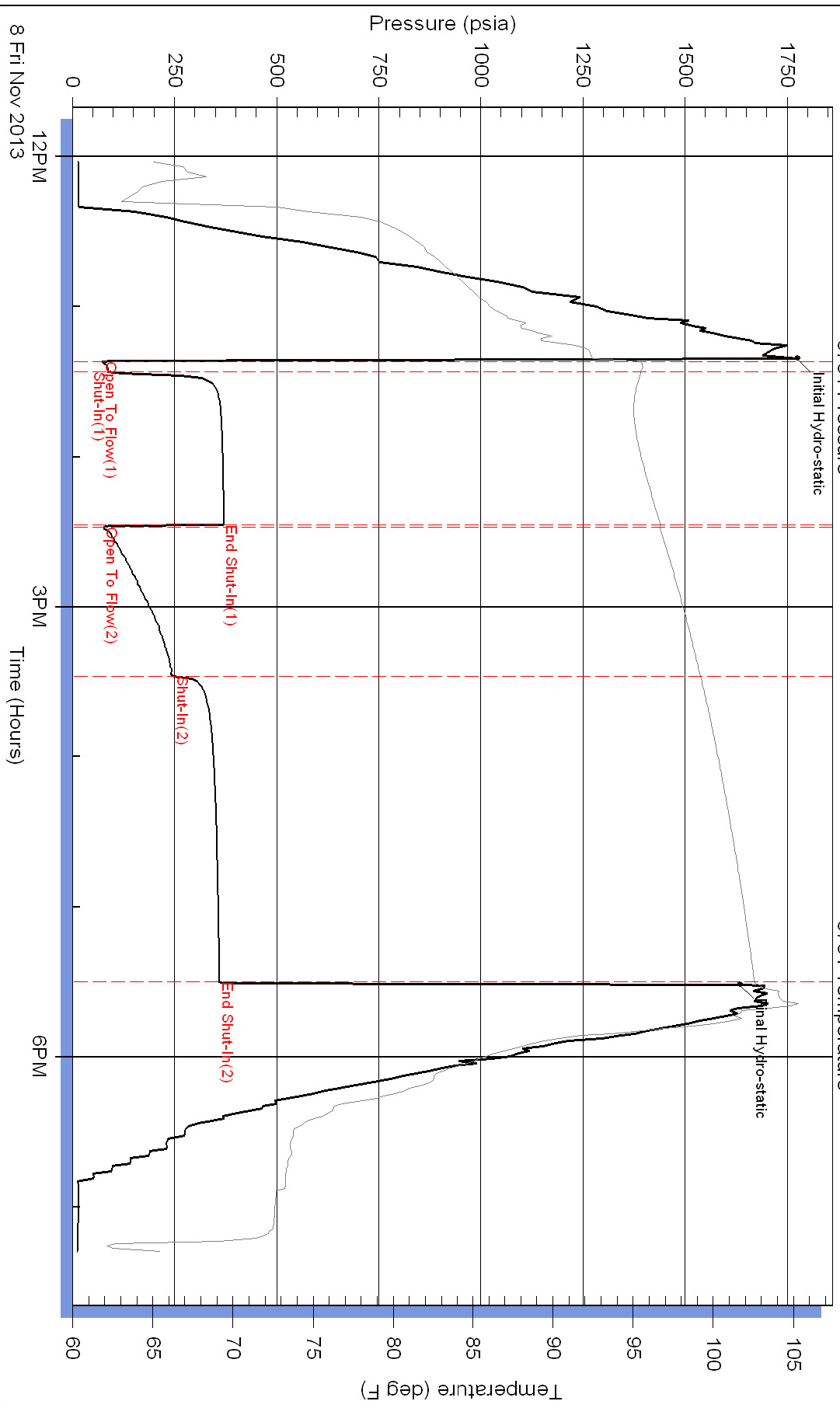
Gas Rates Information

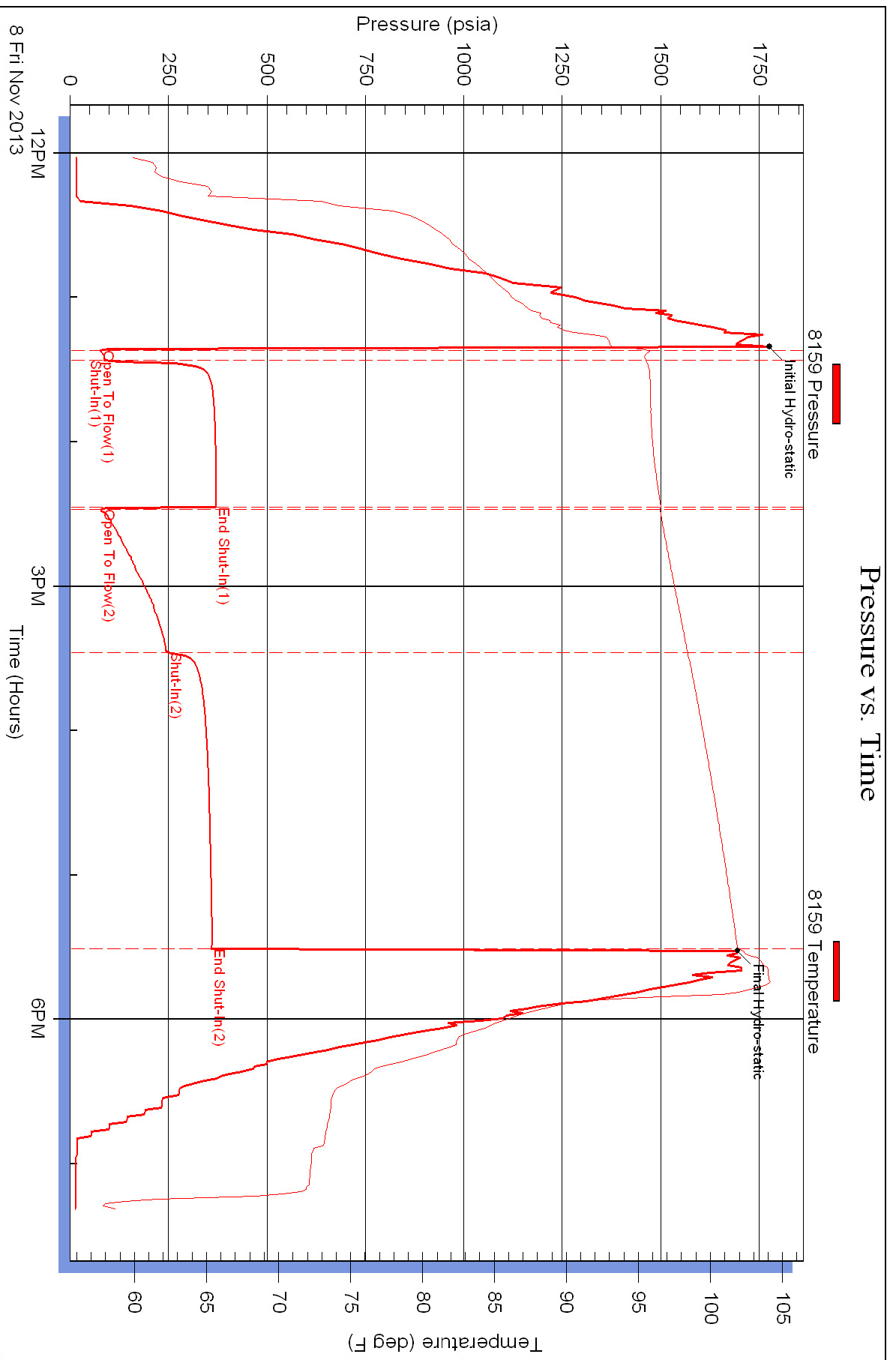
Temperature: 59 (deg F)
Relative Density: 0.65
Z Factor: 0.8

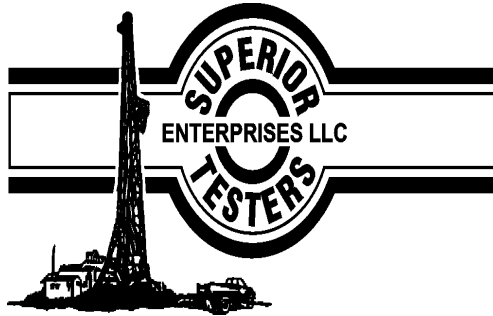
Gas Rates Table

Flow Period	Elapsed Time	Choke (inches)	Pressure (psia)	Gas Rate (Mcf/d)
2	10	0.25	20.00	31.73
2	20	0.25	14.00	22.21
2	30	0.25	8.60	13.64
2	40	0.25	8.60	13.64
2	50	0.25	9.00	14.28
2	60	0.25	9.00	14.28

Pressure vs. Time







DRILL STEM TEST REPORT

Prepared For: **FG Holl Company L.L.C**

9431 E Central Ste 100 Wichita KS
67206+2563

ATTN: Rene Husted

Lang?Bahr Unit #2-26

26-17s-15w Barton

Start Date: 2013.11.09 @ 04:25:00

End Date: 2013.11.09 @ 09:16:30

Job Ticket #: 18457 DST #: 5

Superior Testers Enterprises LLC
PO Box 138 Great Bend KS 67530
1-800-792-6902

Printed: 2013.11.09 @ 09:32:06

FG Holl Company L.L.C

26-17s-15w Barton

Lang?Bahr Unit #2-26

DST # 5

Lansing K, L

2013.11.09



DRILL STEM TEST REPORT

FG Holl Company L.L.C

26-17s-15w Barton

9431 E Central Ste 100 Wichita KS 67206+2563

Lang?Bahr Unit #2-26

ATTN: Rene Husted

Job Ticket: 18457

DST#: 5

Test Start: 2013.11.09 @ 04:25:00

GENERAL INFORMATION:

Formation: **Lansing K, L**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 06:02:30

Time Test Ended: 09:16:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Jared Scheck

Unit No: 3320-Great Bend -47

Interval: 3470.00 ft (KB) To 3514.00 ft (KB) (TVD)

Reference Elevations: 2000.00 ft (KB)

Total Depth: 3514.00 ft (KB) (TVD)

1992.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

Serial #: 6731

Press@RunDepth: 57.94 psia @ ft (KB)

Capacity: 5000.00 psia

Start Date: 2013.11.09

End Date: 2013.11.09

Last Calib.: 2013.11.09

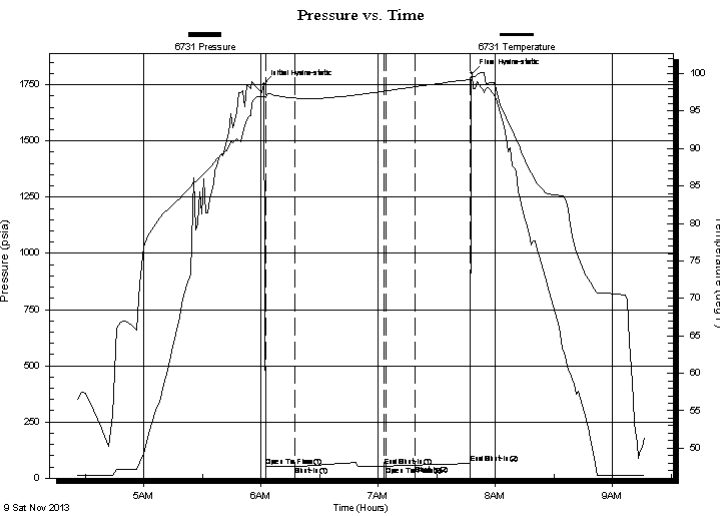
Start Time: 04:25:00

End Time: 09:16:30

Time On Btm: 2013.11.09 @ 06:01:30

Time Off Btm: 2013.11.09 @ 07:48:00

TEST COMMENT: 1st Opening 15 Minutes-Weak surface blow built 1/2 inch into water in 15 minutes
 1st Shut-in 30 Minutes-No blow back
 2nd Opening 15 Minutes-Very weak surge did not build flushed tool good surge did not build
 2nd Shut-in 45 Minutes-No blow back



PRESSURE SUMMARY

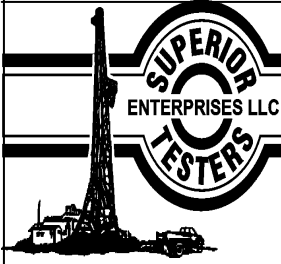
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1753.19	96.94	Initial Hydro-static
2	50.72	96.79	Open To Flow (1)
16	51.97	96.73	Shut-In(1)
62	53.53	97.66	End Shut-In(1)
63	52.43	97.70	Open To Flow (2)
78	57.94	98.25	Shut-In(2)
106	65.05	99.23	End Shut-In(2)
107	1801.49	99.60	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
3.00	mud	0.04

Gas Rates

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



DRILL STEM TEST REPORT

FG Holl Company L.L.C

26-17s-15w Barton

9431 E Central Ste 100 Wichita KS 67206+2563

Lang?Bahr Unit #2-26

ATTN: Rene Husted

Job Ticket: 18457

DST#: 5

Test Start: 2013.11.09 @ 04:25:00

GENERAL INFORMATION:

Formation: **Lansing K, L**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 06:02:30

Time Test Ended: 09:16:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Jared Scheck

Unit No: 3320-Great Bend -47

Interval: 3470.00 ft (KB) To 3514.00 ft (KB) (TVD)

Reference Elevations: 2000.00 ft (KB)

Total Depth: 3514.00 ft (KB) (TVD)

1992.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

Serial #: 8159

Press@RunDepth: 63.37 psia @ ft (KB)

Capacity: 5000.00 psia

Start Date: 2013.11.09

End Date: 2013.11.09

Last Calib.: 2013.11.09

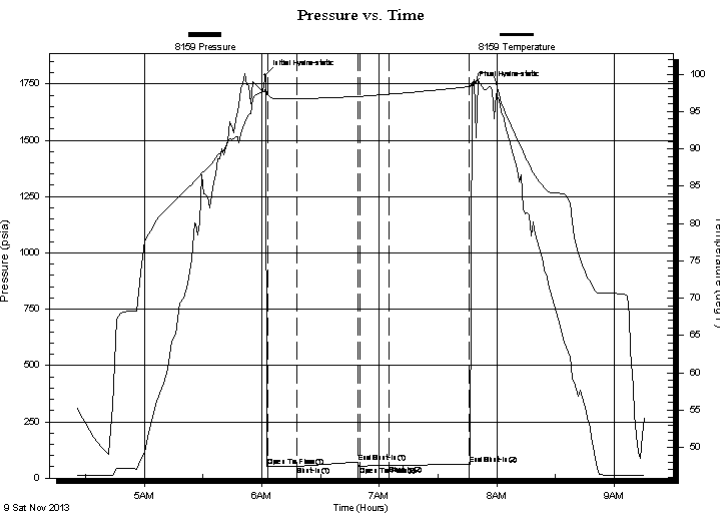
Start Time: 04:25:00

End Time: 09:16:00

Time On Btm: 2013.11.09 @ 06:02:00

Time Off Btm: 2013.11.09 @ 07:47:30

TEST COMMENT: 1st Opening 15 Minutes-Weak surface blow built 1/2 inch into water in 15 minutes
 1st Shut-in 30 Minutes-No blow back
 2nd Opening 15 Minutes-Very weak surge did not build flushed tool good surge did not build
 2nd Shut-in 45 Minutes-No blow back



PRESSURE SUMMARY

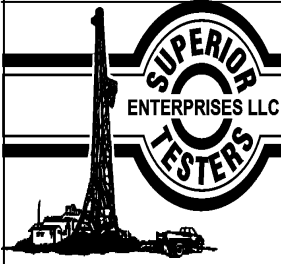
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1791.78	98.19	Initial Hydro-static
1	51.24	97.25	Open To Flow (1)
16	52.40	96.69	Shut-In(1)
47	71.69	97.02	End Shut-In(1)
48	52.40	97.03	Open To Flow (2)
63	55.59	97.31	Shut-In(2)
104	63.37	98.30	End Shut-In(2)
106	1741.96	98.84	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
3.00	mud	0.04

Gas Rates

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



DRILL STEM TEST REPORT

TOOL DIAGRAM

FG Holl Company L.L.C

26-17s-15w Barton

9431 E Central Ste 100 Wichita KS 67206+2563

Lang?Bahr Unit #2-26

Job Ticket: 18457

DST#: 5

ATTN: Rene Husted

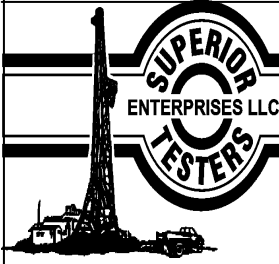
Test Start: 2013.11.09 @ 04:25:00

Tool Information

Drill Pipe:	Length: 3469.00 ft	Diameter: 3.80 inches	Volume: 48.66 bbl	Tool Weight: 1000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 95000.00 lb
			<u>Total Volume: 48.66 bbl</u>	Tool Chased 2.00 ft
Drill Pipe Above KB:	27.00 ft			String Weight: Initial 48000.00 lb
Depth to Top Packer:	3470.00 ft			Final 48000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	44.00 ft			
Tool Length:	72.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments: ruined packer

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut-In Tool	5.00			3447.00	
Hydraulic Tool	5.00			3452.00	
Jars	6.00			3458.00	
Safety Joint	2.00			3460.00	
Packer	5.00			3465.00	28.00 Bottom Of Top Packer
Packer	5.00			3470.00	
Anchor	39.00			3509.00	
Recorder	1.00		Inside	3510.00	
Recorder	1.00		Outside	3511.00	
Bullnose	3.00			3514.00	44.00 Bottom Packers & Anchor
Total Tool Length:	72.00				



DRILL STEM TEST REPORT

FLUID SUMMARY

FG Holl Company L.L.C

26-17s-15w Barton

9431 E Central Ste 100 Wichita KS 67206+2563

Lang?Bahr Unit #2-26

Job Ticket: 18457

DST#: 5

ATTN: Rene Husted

Test Start: 2013.11.09 @ 04:25:00

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 10.00 lb/gal

Viscosity: 54.00 sec/qt

Water Loss: 9.20 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: psia

Oil API:

Water Salinity: ppm

deg API

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
3.00	mud	0.042

Total Length: 3.00 ft Total Volume: 0.042 bbl

Num Fluid Samples: 0

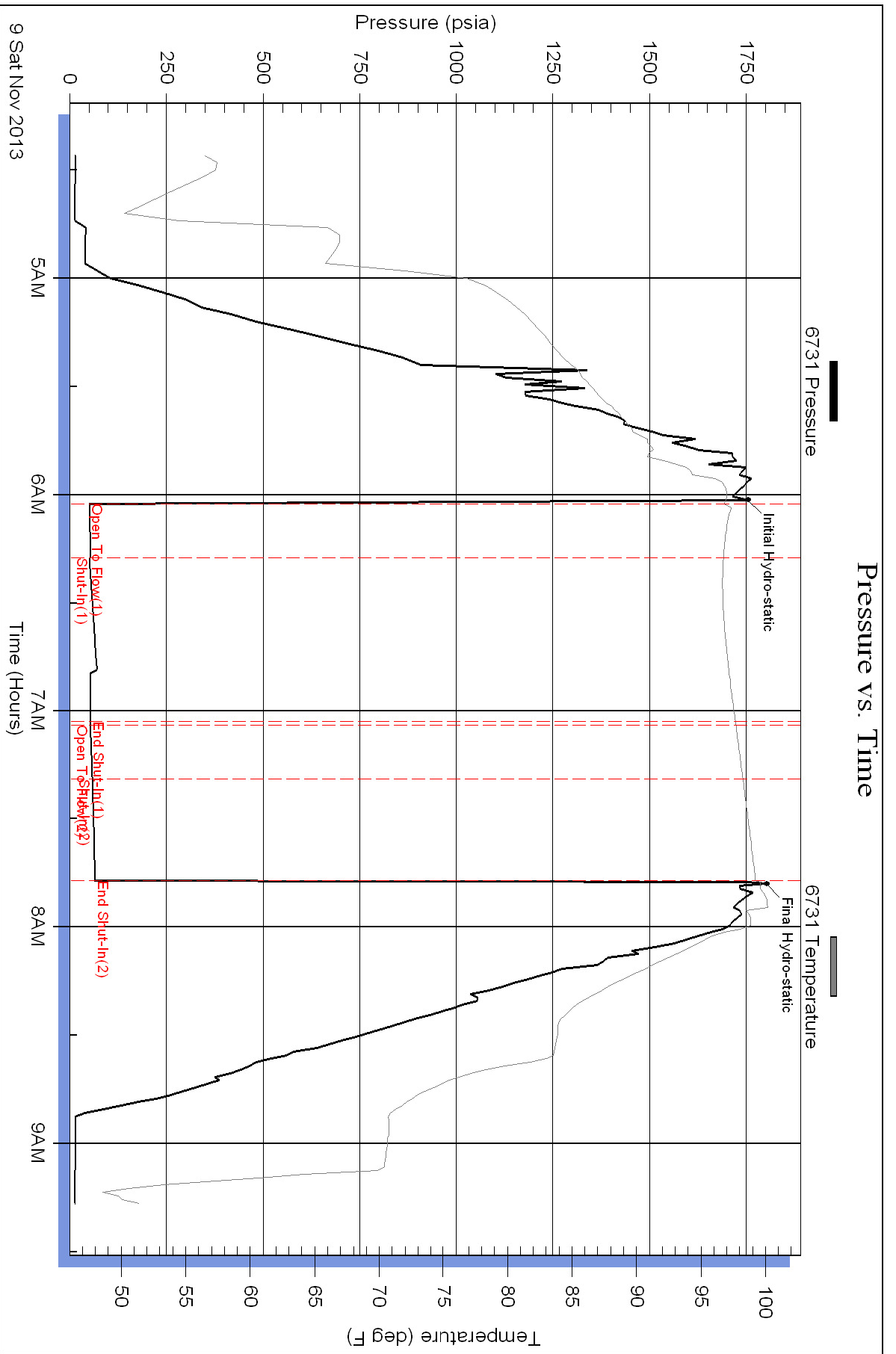
Num Gas Bombs: 0

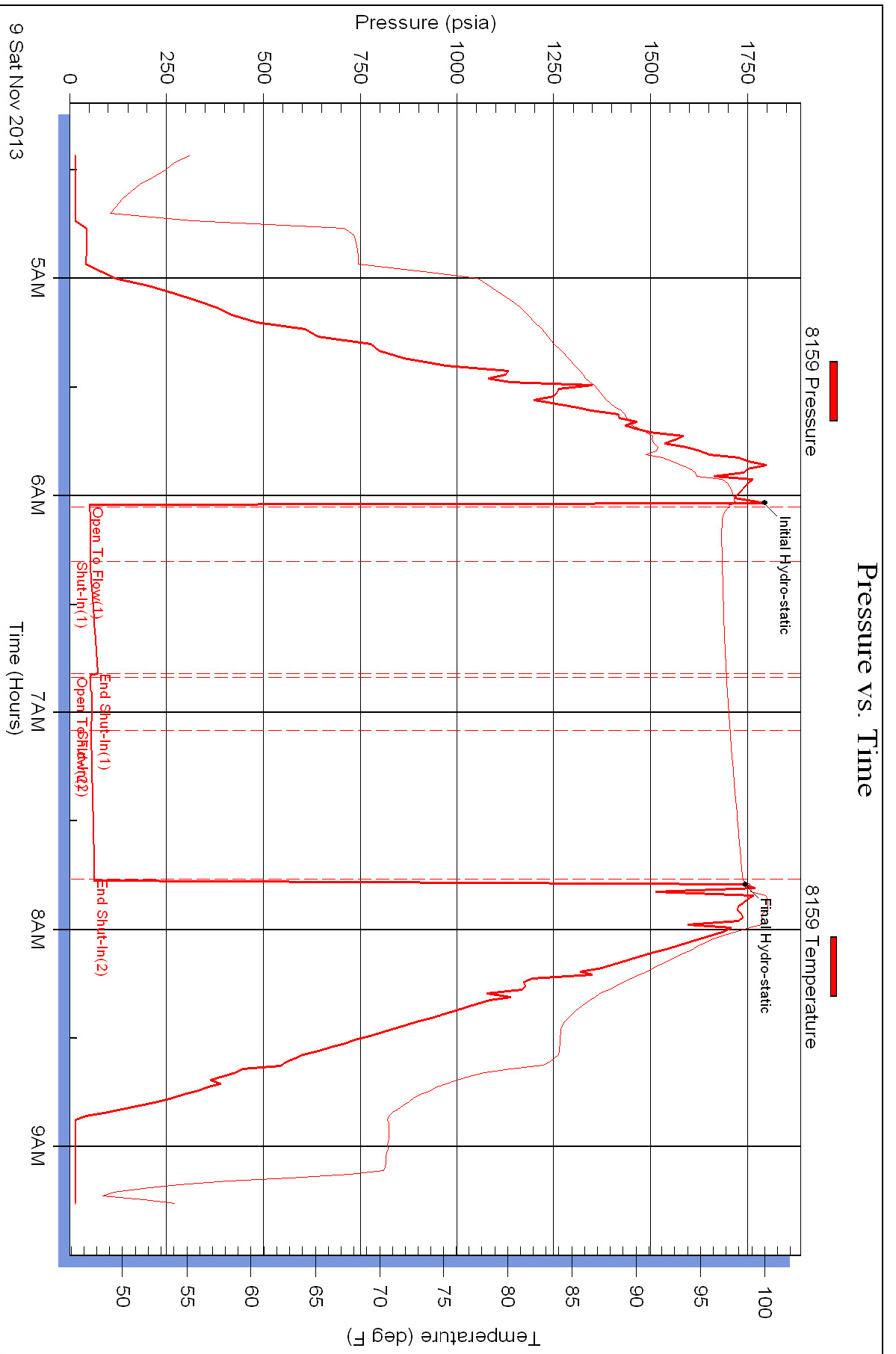
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: ruined packer







DRILL STEM TEST REPORT

Prepared For: **FG Holl Company L.L.C**

9431 E Central Ste 100 Wichita KS
67206+2563

ATTN: Rene Husted

Lang?Bahr Unit #2-26

26-17s-15w Barton

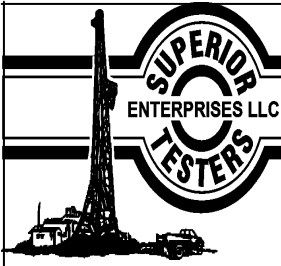
Start Date: 2013.11.09 @ 17:10:00

End Date: 2013.11.09 @ 22:19:30

Job Ticket #: 18458 DST #: 6

Superior Testers Enterprises LLC
PO Box 138 Great Bend KS 67530
1-800-792-6902

Printed: 2013.11.09 @ 22:26:18



DRILL STEM TEST REPORT

FG Holl Company L.L.C

26-17s-15w Barton

9431 E Central Ste 100 Wichita KS 67206+2563

Lang?Bahr Unit #2-26

ATTN: Rene Husted

Job Ticket: 18458

DST#: 6

Test Start: 2013.11.09 @ 17:10:00

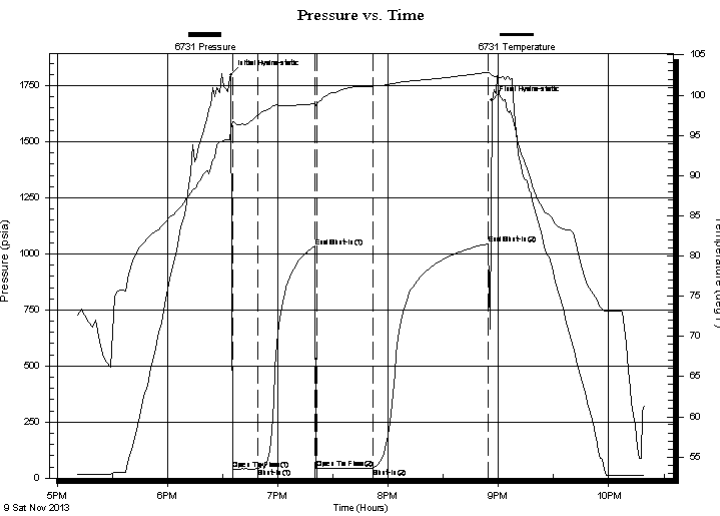
GENERAL INFORMATION:

Formation: **Congl**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 18:35:30
 Time Test Ended: 22:19:30
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Jared Scheck
 Unit No: 3320-Great Bend-47
 Interval: **3555.00 ft (KB) To 3571.00 ft (KB) (TVD)**
 Reference Elevations: 2000.00 ft (KB)
 Total Depth: 3571.00 ft (KB) (TVD)
 1992.00 ft (CF)
 Hole Diameter: 7.88 inches
 Hole Condition: KB to GR/CF: 8.00 ft

Serial #: 6731

Press@RunDepth: 44.93 psia @ ft (KB) Capacity: 5000.00 psia
 Start Date: 2013.11.09 End Date: 2013.11.09 Last Calib.: 2013.11.09
 Start Time: 17:10:00 End Time: 22:19:30 Time On Btm: 2013.11.09 @ 18:34:30
 Time Off Btm: 2013.11.09 @ 20:56:30

TEST COMMENT: 1st Opening 15 Minutes-Weak surface blow built 1/2 inch into bucket w water in 30 minutesw
 1st Shut-in 30 Minutes-No blow back
 2nd Opening 30 Minutes-Very weak surface blow stayed steady throughout open
 2nd Shut-in 60 Minutes-No blow back



PRESSURE SUMMARY

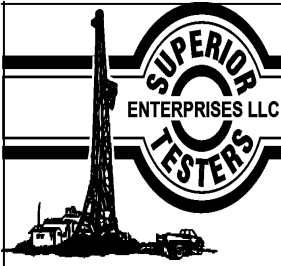
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1798.01	95.79	Initial Hydro-static
1	38.84	96.67	Open To Flow (1)
15	41.80	97.56	Shut-In(1)
46	1033.50	98.92	End Shut-In(1)
47	42.61	98.89	Open To Flow (2)
77	44.93	101.13	Shut-In(2)
140	1045.77	102.83	End Shut-In(2)
142	1685.55	102.46	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	spot oil cut mud 1%oil 99%mud	0.42

Gas Rates

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



DRILL STEM TEST REPORT

FG Holl Company L.L.C

26-17s-15w Barton

9431 E Central Ste 100 Wichita KS 67206+2563

Lang?Bahr Unit #2-26

ATTN: Rene Husted

Job Ticket: 18458

DST#: 6

Test Start: 2013.11.09 @ 17:10:00

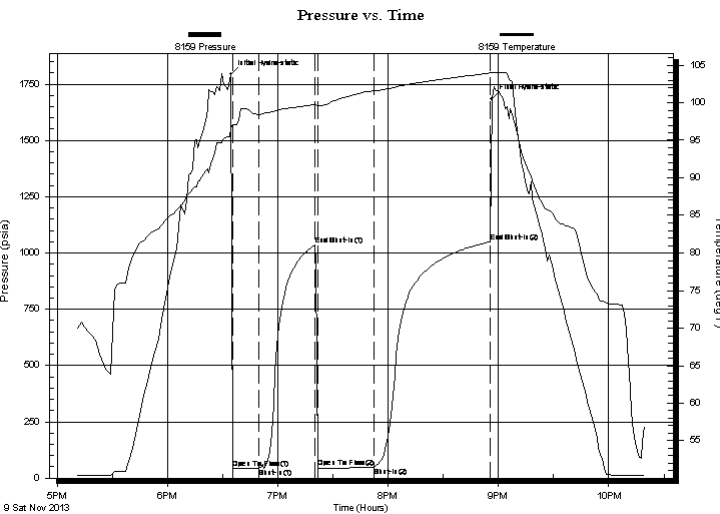
GENERAL INFORMATION:

Formation: **Congl**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Initial)
 Time Tool Opened: 18:35:30 Tester: Jared Scheck
 Time Test Ended: 22:19:30 Unit No: 3320-Great Bend-47
 Interval: **3555.00 ft (KB) To 3571.00 ft (KB) (TVD)** Reference Elevations: 2000.00 ft (KB)
 Total Depth: 3571.00 ft (KB) (TVD) 1992.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: KB to GR/CF: 8.00 ft

Serial #: 8159

Press@RunDepth: 1048.63 psia @ ft (KB) Capacity: 5000.00 psia
 Start Date: 2013.11.09 End Date: 2013.11.09 Last Calib.: 2013.11.09
 Start Time: 17:10:00 End Time: 22:20:00 Time On Btm: 2013.11.09 @ 18:34:30
 Time Off Btm: 2013.11.09 @ 20:56:30

TEST COMMENT: 1st Opening 15 Minutes-Weak surface blow built 1/2 inch into bucket w water in 30 minutesw
 1st Shut-in 30 Minutes-No blow back
 2nd Opening 30 Minutes-Very weak surface blow stayed steady throughout open
 2nd Shut-in 60 Minutes-No blow back



PRESSURE SUMMARY

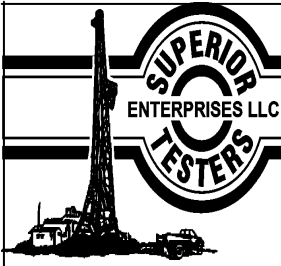
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1794.16	96.58	Initial Hydro-static
1	43.11	97.02	Open To Flow (1)
15	43.14	98.44	Shut-In(1)
46	1034.26	99.75	End Shut-In(1)
47	45.89	99.54	Open To Flow (2)
78	46.60	101.58	Shut-In(2)
141	1048.63	103.94	End Shut-In(2)
142	1685.11	103.97	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	spot oil cut mud 1%oil 99%mud	0.42

Gas Rates

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



DRILL STEM TEST REPORT

TOOL DIAGRAM

FG Holl Company L.L.C

26-17s-15w Barton

9431 E Central Ste 100 Wichita KS 67206+2563

Lang?Bahr Unit #2-26

Job Ticket: 18458

DST#: 6

ATTN: Rene Husted

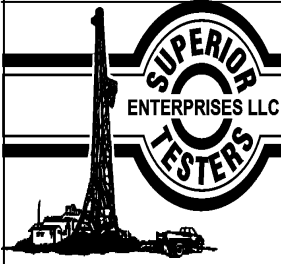
Test Start: 2013.11.09 @ 17:10:00

Tool Information

Drill Pipe:	Length: 3533.00 ft	Diameter: 3.80 inches	Volume: 49.56 bbl	Tool Weight: 1000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 65000.00 lb
			<u>Total Volume: 49.56 bbl</u>	Tool Chased 1.00 ft
Drill Pipe Above KB:	6.00 ft			String Weight: Initial 50000.00 lb
Depth to Top Packer:	3555.00 ft			Final 50000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	16.00 ft			
Tool Length:	44.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
------------------	-------------	------------	----------	------------	----------------

Shut-In Tool	5.00			3532.00	
Hydraulic Tool	5.00			3537.00	
Jars	6.00			3543.00	
Safety Joint	2.00			3545.00	
Packer	5.00			3550.00	28.00 Bottom Of Top Packer
Packer	5.00			3555.00	
Anchor	11.00			3566.00	
Recorder	1.00	6731	Inside	3567.00	
Recorder	1.00	8159	Outside	3568.00	
Bullnose	3.00			3571.00	16.00 Bottom Packers & Anchor
Total Tool Length:	44.00				



DRILL STEM TEST REPORT

FLUID SUMMARY

FG Holl Company L.L.C

26-17s-15w Barton

9431 E Central Ste 100 Wichita KS 67206+2563

Lang?Bahr Unit #2-26

Job Ticket: 18458

DST#: 6

ATTN: Rene Husted

Test Start: 2013.11.09 @ 17:10:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 53.00 sec/qt

Cushion Volume:

bbl

Water Loss: 9.20 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psia

Salinity: 8200.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
30.00	spot oil cut mud 1%oil 99%mud	0.421

Total Length: 30.00 ft Total Volume: 0.421 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

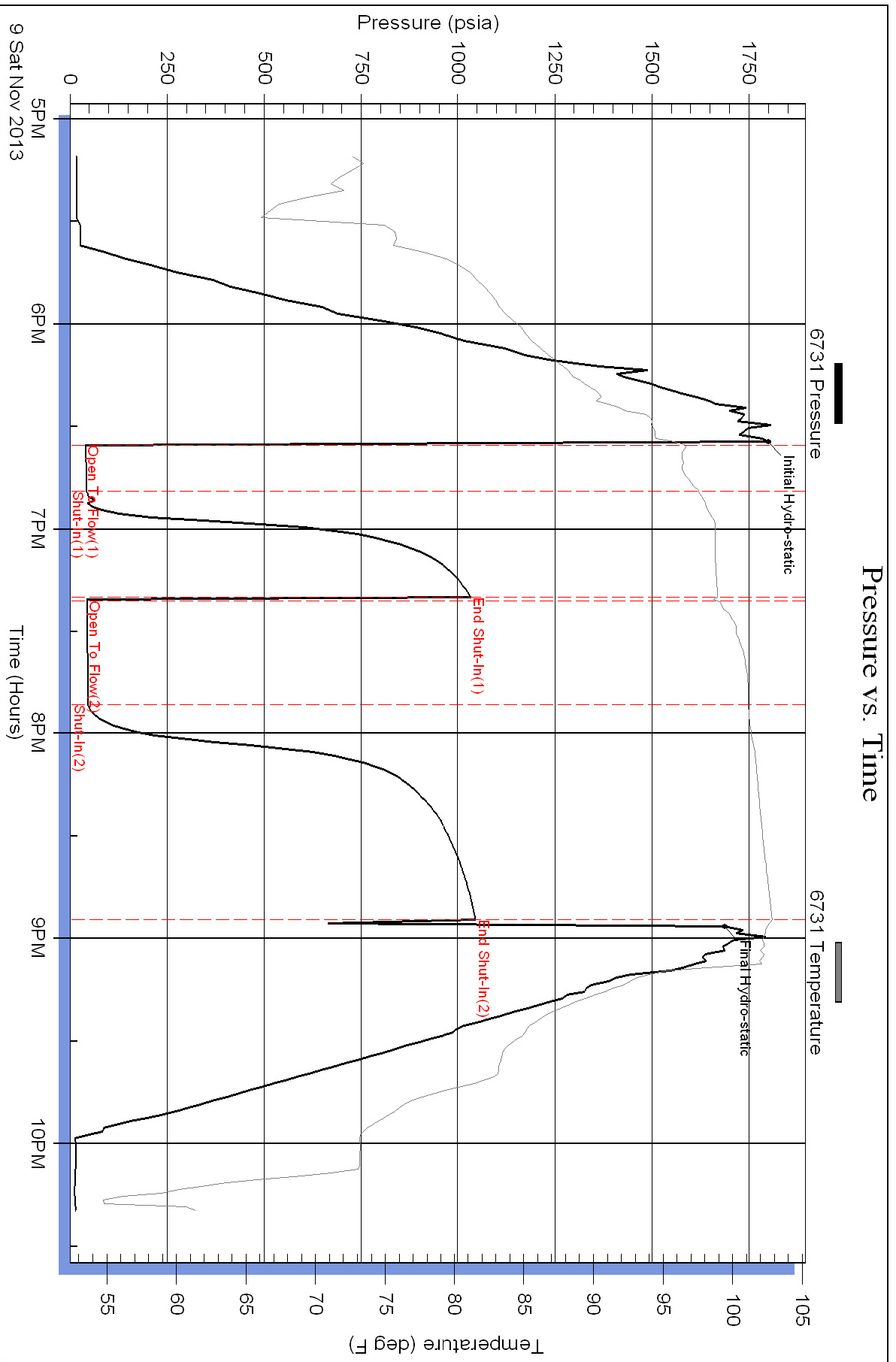
Serial #:

Laboratory Name:

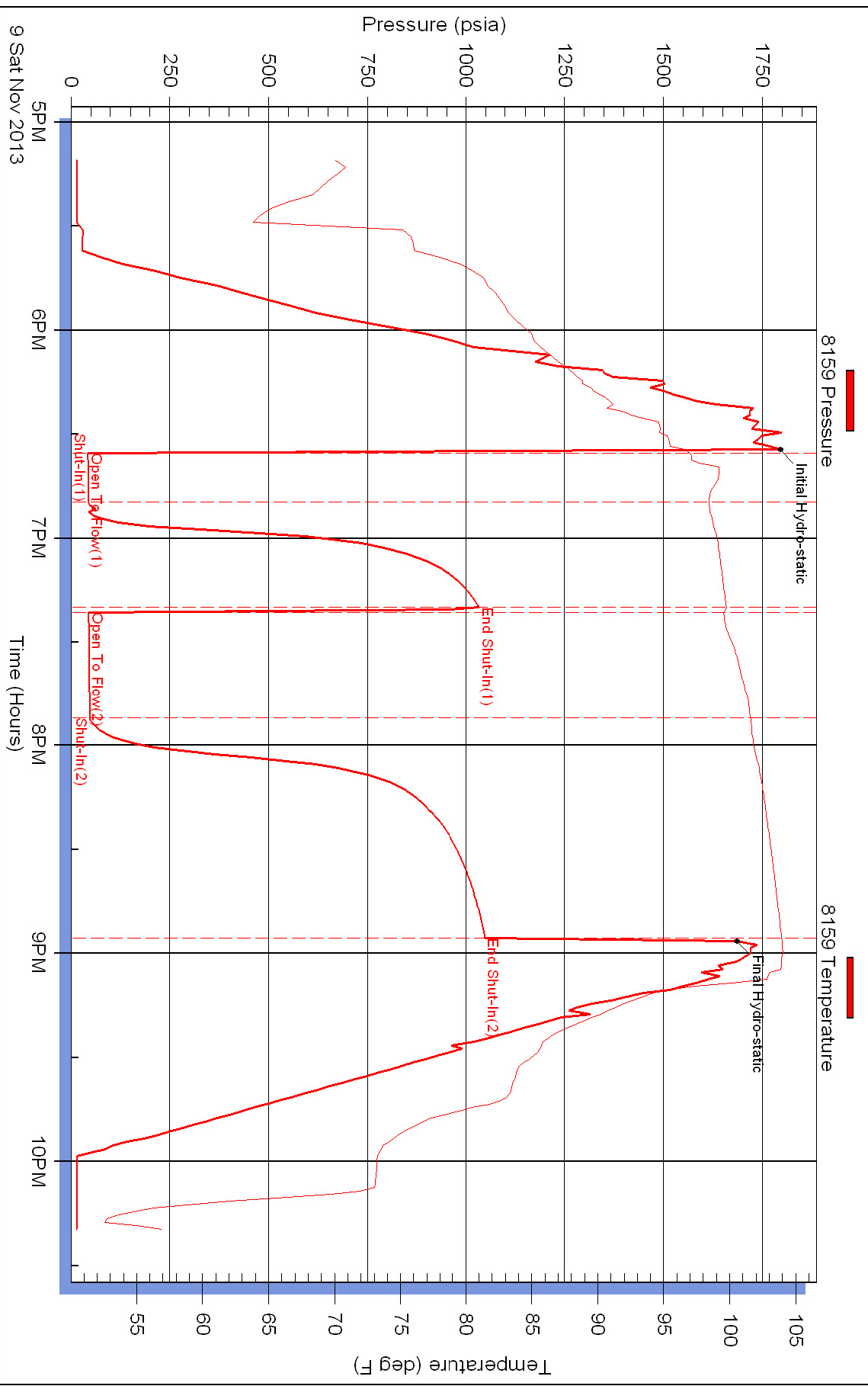
Laboratory Location:

Recovery Comments:

Pressure vs. Time



Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **FG Holl Company L.L.C**

9431 E Central Ste 100 Wichita KS
67206+2563

ATTN: Rene Husted

Lang?Bahr Unit #2-26

26-17s-15w Barton

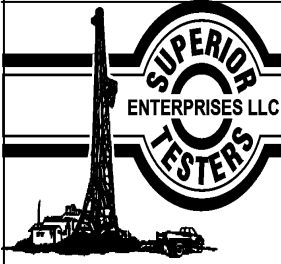
Start Date: 2013.11.10 @ 05:55:00

End Date: 2013.11.10 @ 13:00:00

Job Ticket #: 18459 DST #: 7

Superior Testers Enterprises LLC
PO Box 138 Great Bend KS 67530
1-800-792-6902

Printed: 2013.11.10 @ 13:14:16



DRILL STEM TEST REPORT

FG Holl Company L.L.C

26-17s-15w Barton

9431 E Central Ste 100 Wichita KS 67206+2563

Lang?Bahr Unit #2-26

ATTN: Rene Husted

Job Ticket: 18459

DST#: 7

Test Start: 2013.11.10 @ 05:55:00

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 07:49:30

Time Test Ended: 13:00:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Jared Scheck

Unit No: 3320-GReat Bend-47

Interval: 3570.00 ft (KB) To 3602.00 ft (KB) (TVD)

Reference Elevations: 2000.00 ft (KB)

Total Depth: 3602.00 ft (KB) (TVD)

1992.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

Serial #: 6731

Press@RunDepth: 1159.92 psia @ ft (KB)

Capacity: 5000.00 psia

Start Date: 2013.11.10

End Date: 2013.11.10

Last Calib.: 2013.11.10

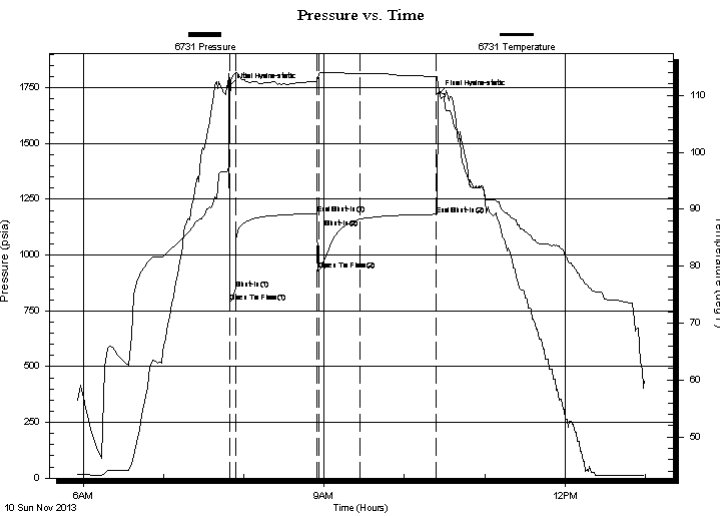
Start Time: 05:55:00

End Time: 13:00:00

Time On Btm: 2013.11.10 @ 07:48:00

Time Off Btm: 2013.11.10 @ 10:25:30

TEST COMMENT: 1st Opening 5 Minutes-Strong blow built bottom of bucket in 1 minutes
 1st Shut-in 60 Minutes-Weak surface blow
 2nd Opening 30 Minutes-Strong blow built bottom of bucket in 1 minute
 2nd Shut-in 60 Minutes-No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1750.11	96.79	Initial Hydro-static
2	789.17	108.86	Open To Flow (1)
6	848.80	113.87	Shut-In(1)
67	1185.19	112.49	End Shut-In(1)
68	931.81	113.62	Open To Flow (2)
99	1159.92	113.84	Shut-In(2)
156	1182.43	113.32	End Shut-In(2)
158	1720.80	111.87	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
2160.00	w ater 10% mud 90% w ater	30.30
0.00	chlorides 28,000 resistivity .2@60degree	0.00

Gas Rates

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



DRILL STEM TEST REPORT

FG Holl Company L.L.C

26-17s-15w Barton

9431 E Central Ste 100 Wichita KS 67206+2563

Lang?Bahr Unit #2-26

ATTN: Rene Husted

Job Ticket: 18459

DST#: 7

Test Start: 2013.11.10 @ 05:55:00

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 07:49:30

Time Test Ended: 13:00:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Jared Scheck

Unit No: 3320-Great Bend-47

Interval: 3570.00 ft (KB) To 3602.00 ft (KB) (TVD)

Reference Elevations: 2000.00 ft (KB)

Total Depth: 3602.00 ft (KB) (TVD)

1992.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

Serial #: 8159

Press@RunDepth: 1183.59 psia @ ft (KB)

Capacity: 5000.00 psia

Start Date: 2013.11.10

End Date: 2013.11.10

Last Calib.: 2013.11.10

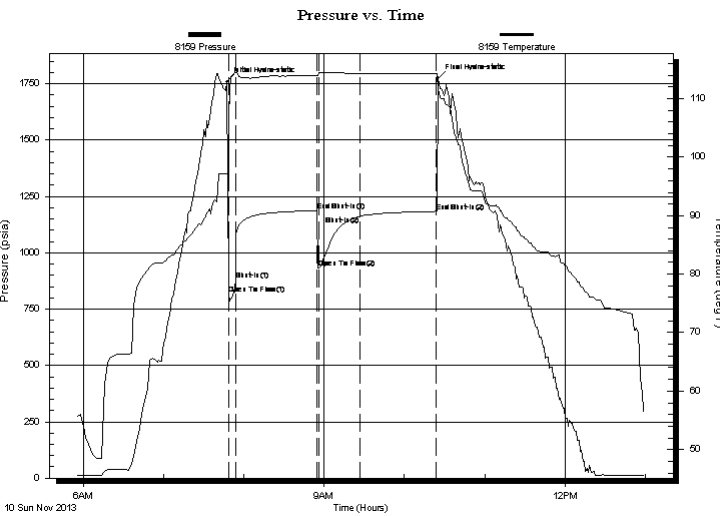
Start Time: 05:55:00

End Time: 13:00:00

Time On Btm: 2013.11.10 @ 07:47:30

Time Off Btm: 2013.11.10 @ 10:25:30

TEST COMMENT: 1st Opening 5 Minutes-Strong blow built bottom of bucket in 1 minutes
 1st Shut-in 60 Minutes-Weak surface blow
 2nd Opening 30 Minutes-Strong blow built bottom of bucket in 1 minute
 2nd Shut-in 60 Minutes-No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1757.55	97.09	Initial Hydro-static
2	815.92	106.59	Open To Flow (1)
7	878.02	114.45	Shut-In(1)
68	1185.92	113.93	End Shut-In(1)
69	934.53	114.41	Open To Flow (2)
100	1161.97	114.36	Shut-In(2)
157	1183.59	114.27	End Shut-In(2)
158	1773.34	111.56	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
2160.00	w ater 10% mud 90% w ater	30.30
0.00	chlorides 28,000 resistivity .2@60degree	0.00

Gas Rates

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



DRILL STEM TEST REPORT

TOOL DIAGRAM

FG Holl Company L.L.C

26-17s-15w Barton

9431 E Central Ste 100 Wichita KS 67206+2563

Lang?Bahr Unit #2-26

Job Ticket: 18459

DST#:7

ATTN: Rene Husted

Test Start: 2013.11.10 @ 05:55:00

Tool Information

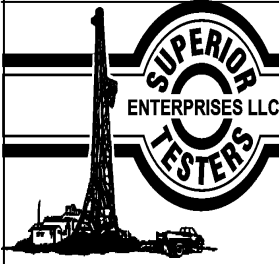
Drill Pipe:	Length: 3571.00 ft	Diameter: 3.80 inches	Volume: 50.09 bbl	Tool Weight:	1000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose:	65000.00 lb
			<u>Total Volume: 50.09 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	21.00 ft			String Weight: Initial	50000.00 lb
Depth to Top Packer:	3570.00 ft			Final	60000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	32.00 ft				
Tool Length:	52.00 ft				
Number of Packers:	2	Diameter: 6.75 inches			

Tool Comments: ruined packer

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
------------------	-------------	------------	----------	------------	----------------

Shut-In Tool	5.00			3555.00	
Hydraulic Tool	5.00			3560.00	
Packer	5.00			3565.00	20.00 Bottom Of Top Packer
Packer	5.00			3570.00	
Anchor	27.00			3597.00	
Recorder	1.00	6731	Inside	3598.00	
Recorder	1.00	8159	Outside	3599.00	
Bullnose	3.00			3602.00	32.00 Bottom Packers & Anchor

Total Tool Length: 52.00



DRILL STEM TEST REPORT

FLUID SUMMARY

FG Holl Company L.L.C

26-17s-15w Barton

9431 E Central Ste 100 Wichita KS 67206+2563

Lang?Bahr Unit #2-26

Job Ticket: 18459

DST#: 7

ATTN: Rene Husted

Test Start: 2013.11.10 @ 05:55:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 63.00 sec/qt

Cushion Volume:

bbl

Water Loss: 9.99 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psia

Salinity: 9300.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
2160.00	w ater 10%mud 90%w ater	30.299
0.00	chlorides 28,000 resistivity .2@60degree	0.000

Total Length: 2160.00 ft Total Volume: 30.299 bbl

Num Fluid Samples: 0

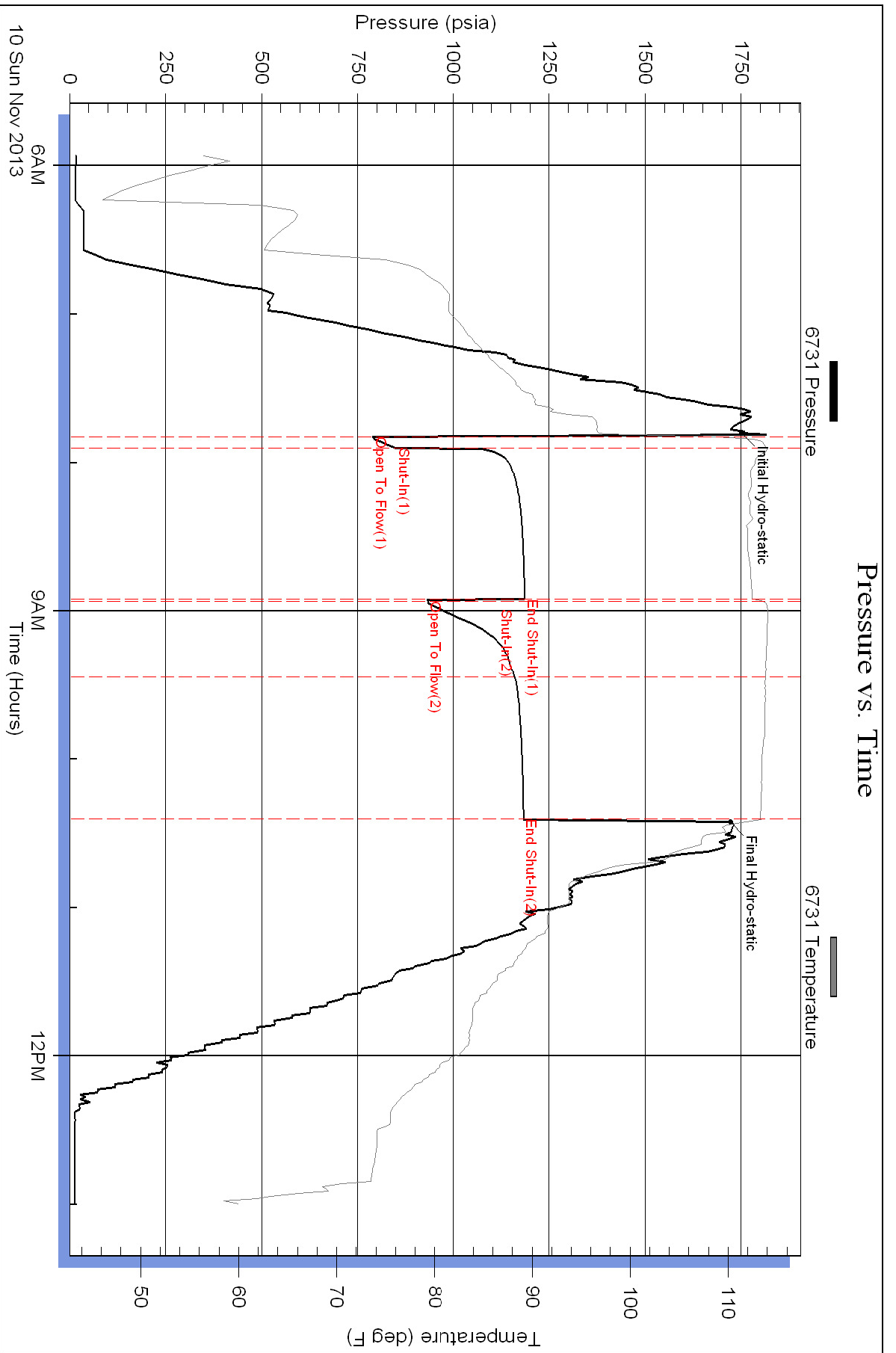
Num Gas Bombs: 0

Serial #:

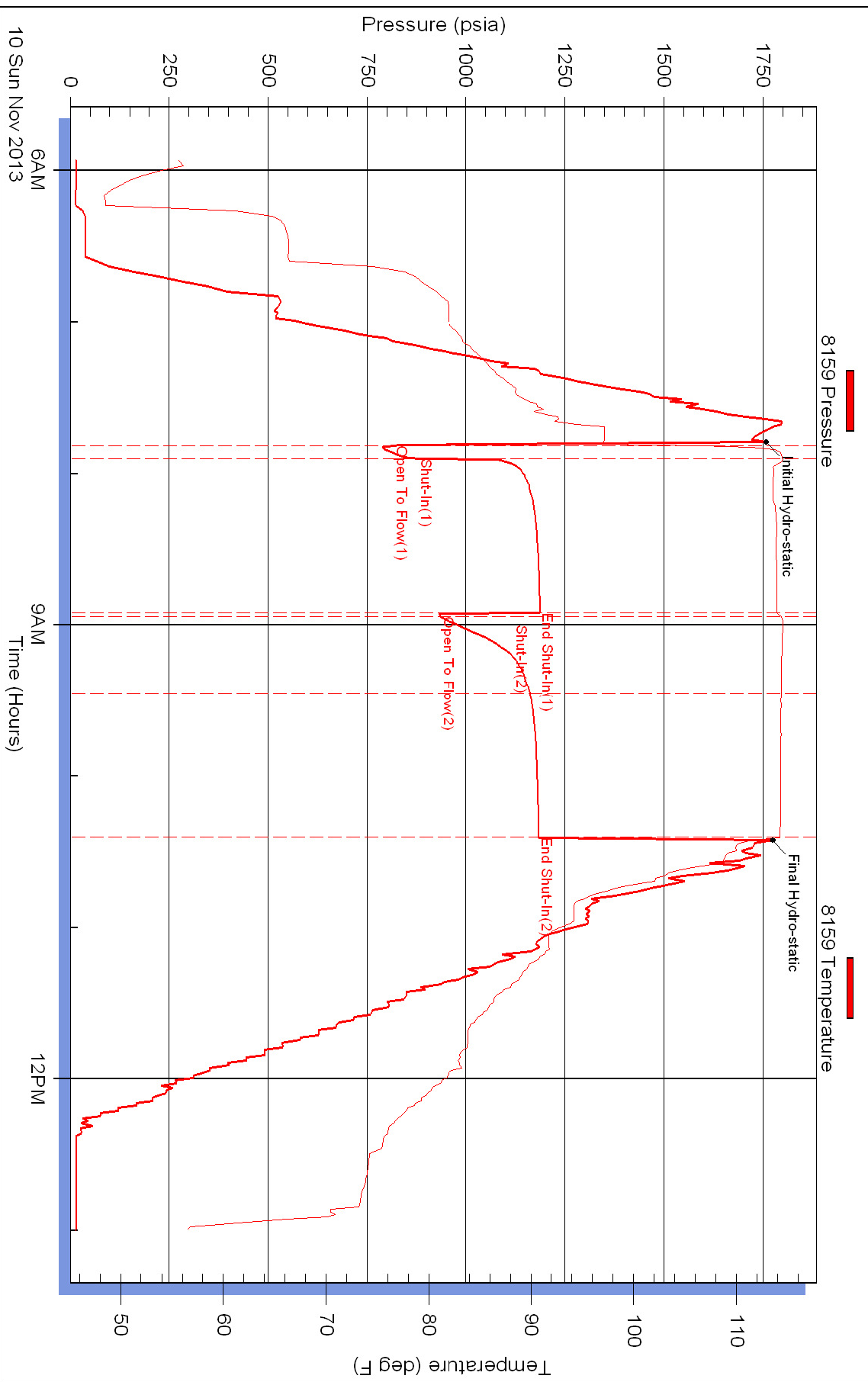
Laboratory Name:

Laboratory Location:

Recovery Comments: chlorides 28,000 resistivity .2 @ 60 degrees/ruined packer



Pressure vs. Time





Energy services, L.P.

TREATMENT REPORT

Customer	FG HOLL	Lease No.		Date	11-11-13
Base	Lang/Bahr Unit	Well #	2-26		
Field Order #	9068	Station	Pratt	Casing	4 1/2
				Depth	3750
Type Job	CNW LongString	Formation		County	Barton
				State	KS
				Legal Description	26-17-15

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	4 1/2	Tubing Size		Acid		RATE	PRESS	ISIP
Depth	3748	Depth		Pre Pad		Max		5 Min.
Volume	59	From	To	Pad		Min		10 Min.
Max Press		From	To	Frac		Avg		15 Min.
Well Connection	Annulus Vol.	From	To			HHP Used		Annulus Pressure
Plug Depth	3736	From	To	Flush		Gas Volume		Total Load

Customer Representative	ROB Long	Station Manager	Kevin	Treater	JOE				
Service Units	19889	19843	1980	19960	21010	2844			
Driver Names	ED			TIM		JOE			

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
1700					ONLOC/safety meeting Run 89JTS of 4 1/2 CSG @ 10.5# cent. on 1-2-3-4-5-6-7-8 Basket on 6
1845					CSG on bottom / circ with Rig
2045					HOOK UP TO PUMP TO START JOB
	0		5	6	H2O spacer
	100		12	6	super flush
			5	6	H2O spacer
	200		44	6	mix 175SK AA2 cement @ 15#
					Shut Down Clear Pump and Lines
2110			0	6	START H2O DISP
	200		30	5	LIFT PST
	200		49	4	Slow Rate
2125	1400		59	0	PLUG DOWN RM + MH
					JOB complete Thank you JOE



BASICSM
ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

10244 NE Hwy. 61
P.O. Box 8613
Pratt, Kansas 67124
Phone 620-672-1201

FIELD SERVICE TICKET
1718 09064 A

DATE OF JOB: 11-2-13		DISTRICT: Pratt		DATE		TICKET NO.	
CUSTOMER: F6 HOLL				NEW WELL <input type="checkbox"/>		OLD WELL <input type="checkbox"/>	
ADDRESS:				LEASE: Lang / Bahc unit		WELL NO. 2-26	
CITY:				COUNTY: Barto		STATE: KS	
AUTHORIZED BY:				SERVICE CREW: EO James 506			
EQUIPMENT#				JOB TYPE: CNW surface			
HRS		EQUIPMENT#		HRS		TRUCK CALLED	
11997 11997						DATE: 11-2-13 AM PM TIME: 1200	
11997 11997						ARRIVED AT JOB AM PM TIME: 230	
28443						START OPERATION AM PM TIME: 730	
						FINISH OPERATION AM PM TIME: 1000	
						RELEASED AM PM TIME: 1100	
						MILES FROM STATION TO WELL: 70	

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).
The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

SIGNED: *[Signature]*
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CP 101	A-CON Blend common	SK	200		
CP 100	Common Cement	SK	200		
CE 102	Celloflake	lb	100		
CE 109	Calcium Chloride	lb	940		
CF 105	TOP Rubber Plug	eg	1		
CF 1753	Centralizer	eg	3		
E 100	Pickup Mileage	mi	70		
E 101	Heavy Mileage	mi	170		
E 113	Bulk Delivery	TM	1316		
CE 202	Depth Charge	4hg	1		
CE 240	Mixing Charge	SK	400		
CE 504	Plug Container	JOB	1		
S 003	Supervisor	eg	1		

CHEMICAL / ACID DATA:

SUB TOTAL

SERVICE & EQUIPMENT %TAX ON \$
MATERIALS %TAX ON \$

TOTAL

SERVICE REPRESENTATIVE

THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY:

(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO.



TREATMENT REPORT

Customer F.G. HOLL		Lease No.	Date 11-2-17		
Lease Lang / Bg br Unit		Well # 2-26			
Field Order # 9064	Station Pratt	Casing 8 5/8	Depth 1030	County Barton	State KS
Type Job CNW Surface			Formation	Legal Description 26-17-15	

PIPE DATA		PERFORATING DATA		FLUID USED	TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP
8 5/8				Pre Pad	Max		5 Min.
Depth 1030	Depth	From	To	Pad	Min		10 Min.
Volume 64	Volume	From	To	Frac	Avg		15 Min.
Max Press	Max Press	From	To		HHP Used		Annulus Pressure
Well Connection	Annulus Vol.	From	To	Flush	Gas Volume		Total Load
Plug Depth 1015	Packer Depth	From	To				

Customer Representative Deon	Station Manager Kevin	Treater Joe			
Service Units	19899	19843	19831	19862	28443
Driver Names	E D	James	Joe		

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
1430					On Loc / safety meeting Run 24 JTS of 8 5/8 csg 24# cen. on 1-12-23
1545					Start Run csg
1645					csg on BOTTOM Break circ. with Rig
1715			5	6.5	H2O SPacer
			87	6.5	Mix 200SK of A-con @ 12#
			42	6.5	Mix 200 SK of common @ 15.6#
			0	0	Shut Down Release Plug
			0	6.5	Start H2O DISP.
			40	5	cement TO surface
1800			64	0	Plug Down
					24 BBL Cement TO PIT JOB COMPLETE Thank you Joe

Mud-Co / Service Mud Inc.

Operator **FG Holl** County **Barton** State **Kansas** Pump **6** X **14** X **60** SPM Casing Program **8 5/8** " @ **1030** ft.
 Well **Lang/ Bahr #2-26** Location _____ GPM **8.22** BPM _____ " @ _____ ft.
 Contractor **Duke Drilling #2** Sec **26** TWP **17S** RNG **15W** D.P. **4.5** in. **203** FT/MIN R.A. _____ " @ _____ ft.
 Stockpoint **Hays, Kansa** Date **11/1/2013** Engineer **Jason Whiting** Collar **6.25** in. **450** ft. **369** FT/MIN R.A. Total Depth **3750** ft.

DATE	DEPTH	WEIGHT	VISCOSITY			GELS	pH	FILTRATION/FILTRATION ANALYSIS					SAND	RETORT			L.C.M.	Pump	CUMULATIVE	REMARKS AND TREATMENT		
			Sec API	PV	Yp			10 sec / 10 min.	Strip Meter	ml API	Cake 32nds	Pres. #/BBL		Cl ppm	Ca ppm	%					Solids %	Oil %
10/31	0																				RURT	
11/2	1032	10.6	36				7.0	N/C				7,200	Hvy		16.0		84.0	Tr			CTCH	
11/3	1340	8.7	29				7.0	N/C				11.2m	Hvy		2.3		97.7				Drlg.	
11/4	2330	9.1	40	9	13	7/25	7.0	9.6	1		36m	2,740		3.6		96.4					Drlg. Displaced Starch @ 1786'	
11/5	2915	8.8	43	11	11	18/44	10.0	9.6	1		5,800	40		3.3		96.7					Drlg. Displaced Chem @ 2512	
11/6	3330	9.2	51	13	14	21/78	9.5	8.8	1		6,100	40		6.1		93.9					Drlg. DST #1 @ 3355	
11/7	3374	9.3	57	16	18	20/56	10.5	9.2	1		6,800	20		7.4		92.6					DST #2	
11/8	3465	9.4	54	15	15	20/65	10.5	8.4	1		8,500	40		7.3		92.7					Drlg. DST #4 @ 3470	
11/9	3514	9.4	53	13	15	19/62	9.5	9.2	1		8,200	60		7.4		92.6					TI w/Bit DST #5 @ 3514	
11/10	3602	9.3	63	17	18	18/68	10.0	10.0	1		9,300	20		6.6		93.4					DST #7	
11/11	3750	9.3	58	17	15	13/53	9.5	10.4	1		10m	60		6.5		93.5	1				Final: LTD - 3750'. 7 DST's. Run Casing.	
																		Reserve Pit, Chl content ppm:		16,500		
																		Estimated Volume:		800		

MUD-CO / SERVICE MUD INC.

100 S. Main Suite #310
 Wichita, Ks. 67202
 316/264-2814 Fax: 316/264-5024

DRILLING MUD RECAP

Materials	Sacks	Amount	Materials	Sacks	Amount	Materials	Sacks	Amount
C/S HULLS		56						
CAUSTIC SODA		20						
DESCO		1						
DRILL PAK		6						
LIME		2						
PREMIUM GEL		344						
SODA ASH		22						
STARCH		56						
SUPER LIG		11						
X-CIDE 102W		1						
						Total Mud Cost		
						Trucking Cost		
						Trucking Surcharge		
						Taxes		
						TOTAL COST		