



DRILL STEM TEST REPORT

Prepared For: **GLM Company**

PO Box 193
Russell, Kansas 67665+0193

ATTN: Jeff Lawler

Rohr #3

18/14S/18W/Ellis

Start Date: 2013.04.28 @ 23:07:00

End Date: 2013.04.29 @ 03:02:30

Job Ticket #: 17486 DST #: 2

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

Printed: 2013.05.01 @ 16:46:24



DRILL STEM TEST REPORT

GLM Company
 PO Box 193
 Russell, Kansas 67665-0193
 ATTN: Jeff Lawler

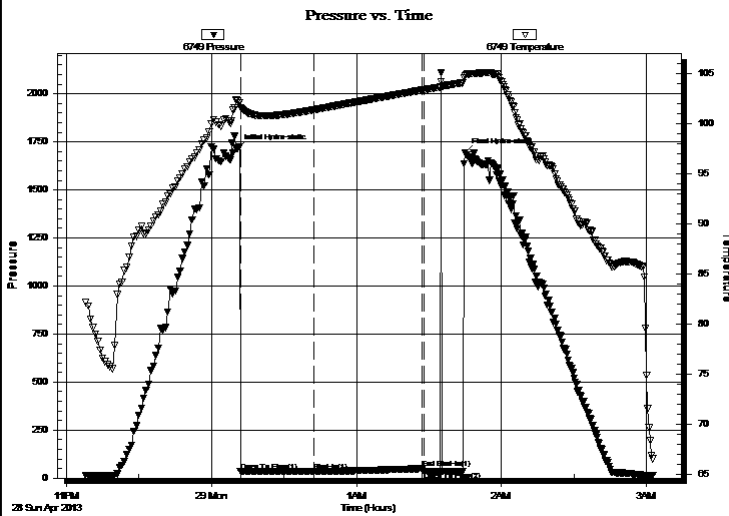
18/14S/18W/Ellis
Rohr #3
 Job Ticket: 17486 **DST#: 2**
 Test Start: 2013.04.28 @ 23:07:00

GENERAL INFORMATION:

Formation: **Lansing/Kansas City**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 00:12:00
 Time Test Ended: 03:02:30
 Interval: **3443.00 ft (KB) To 3464.00 ft (KB) (TVD)**
 Total Depth: 3464.00 ft (KB) (TVD)
 Hole Diameter: 7.80 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Ken Swinney
 Unit No: 3325 Hays/10
 Reference Elevations: 2095.00 ft (KB)
 2089.00 ft (CF)
 KB to GR/CF: 6.00 ft

Serial #: 6749 Inside
 Press @ RunDepth: 35.38 psia @ 3460.00 ft (KB) Capacity: 5000.00 psia
 Start Date: 2013.04.28 End Date: 2013.04.29 Last Calib.: 2013.04.29
 Start Time: 23:08:00 End Time: 03:02:30 Time On Btm: 2013.04.29 @ 00:11:00
 Time Off Btm: 2013.04.29 @ 01:45:00

TEST COMMENT: 1ST Open 30 Minutes/Weak blow/Blow built to 1/4 inch then died in 27 minutes
 1ST Shut In 45 Minutes/No blow back
 2ND Open 15 Minutes/Dead no blow /Flush tool didnt help/Pull test



PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1715.77	102.26	Initial Hydro-static
1	34.40	101.65	Open To Flow (1)
32	35.38	101.41	Shut-In(1)
76	49.84	103.36	End Shut-In(1)
77	36.76	103.40	Open To Flow (2)
94	1695.24	104.84	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1.00	Oil spotted Mud/Mud 100%	0.01

Gas Rates

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



DRILL STEM TEST REPORT

TOOL DIAGRAM

GLM Company
 PO Box 193
 Russell, Kansas 67665+0193
 ATTN: Jeff Lawler

18/14S/18W/Ellis
Rohr #3
 Job Ticket: 17486 **DST#: 2**
 Test Start: 2013.04.28 @ 23:07:00

Tool Information

Drill Pipe:	Length: 3428.00 ft	Diameter: 3.80 inches	Volume: 48.09 bbl	Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose:	64000.00 lb
			<u>Total Volume: 48.09 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	5.00 ft			String Weight: Initial	55000.00 lb
Depth to Top Packer:	3443.00 ft			Final	55000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	21.00 ft				
Tool Length:	41.00 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			3428.00	
Hydraulic Tool	5.00			3433.00	
Packer	5.00			3438.00	20.00 Bottom Of Top Packer
Packer	5.00			3443.00	
Anchor	16.00			3459.00	
Recorder	1.00	6749	Inside	3460.00	
Recorder	1.00	6838	Outside	3461.00	
Bullnose	3.00			3464.00	21.00 Bottom Packers & Anchor

Total Tool Length: 41.00



DRILL STEM TEST REPORT

FLUID SUMMARY

GLM Company
PO Box 193
Russell, Kansas 67665+0193
ATTN: Jeff Lawler

18/14S/18W/Ellis
Rohr #3
Job Ticket: 17486 **DST#: 2**
Test Start: 2013.04.28 @ 23:07:00

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: 52.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.59 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psia		
Salinity: 3500.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1.00	Oil spotted Mud/Mud 100%	0.014

Total Length: 1.00 ft Total Volume: 0.014 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:

