

DRILL STEM TEST REPORT

FG Holl Company LLC
 9431 East Central
 Suite 100
 Wichita, Kansas 67206+2563
 ATTN: Renee Husted

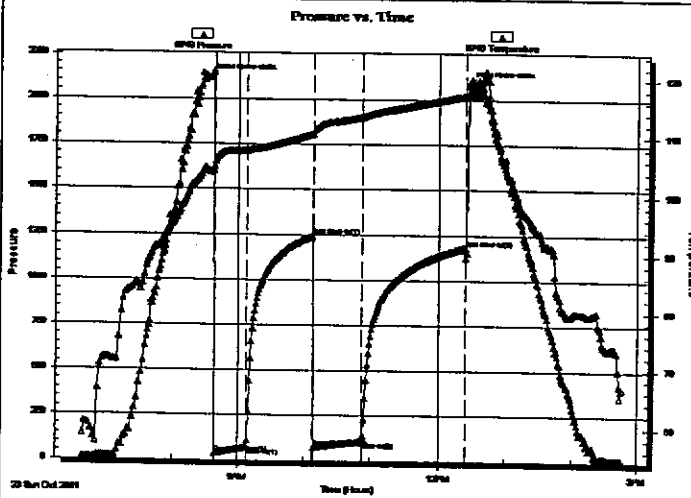
Reece Unit #1-32
32/22S/21W/Hodgeman
 Job Ticket: 18790 **DST#: 4**
 Test Start: 2011.10.23 @ 06:35:00

GENERAL INFORMATION:

Formation: **Mississippian**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 08:38:30
 Time Test Ended: 14:45:00
 Interval: **4507.00 ft (KB) To 4517.00 ft (KB) (TVD)**
 Total Depth: **4517.00 ft (KB) (TVD)**
 Hole Diameter: **7.88 inches** Hole Condition: Fair
 Test Type: **Conventional Bottom Hole (Initial)**
 Tester: **Ken Swinney**
 Unit No: **3325 Great Bend/112**
 Reference Elevations: **2234.00 ft (KB)**
 2224.00 ft (CF)
 KB to GR/CF: **10.00 ft**

Serial #: 6749 **Outside**
 Press@RunDepth: **1184.98 psig @ 4514.00 ft (KB)** Capacity: **5000.00 psig**
 Start Date: **2011.10.23** End Date: **2011.10.23** Last Calib.: **2011.10.23**
 Start Time: **06:36:00** End Time: **14:45:30** Time On Btm: **2011.10.23 @ 08:34:30**
 14:26:30 Time Off Btm: **2011.10.23 @ 12:26:30**

TEST COMMENT: 1ST Open 30 Minutes/Fair blow /Blow built to 4 1/2 inches
 1ST Shut In 45 Minutes/No blow back
 2ND Open 60 Minutes/Weak blow /Blow built to 1 1/2 inches
 2ND Shut In 90 Minutes/No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2115.27	104.13	Initial Hydro-static
4	36.50	104.97	Open To Flow (1)
34	70.22	107.54	Shut-In(1)
94	1246.83	110.53	End Shut-In(1)
94	73.71	110.60	Open To Flow (2)
138	105.45	113.52	Shut-in(2)
230	1184.98	117.21	End Shut-In(2)
232	2080.67	117.46	Final Hydro-static

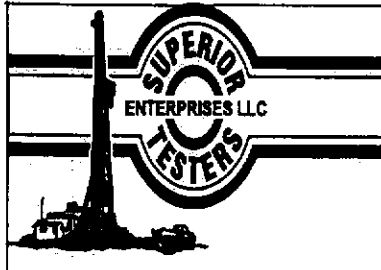
Recovery

Length (ft)	Description	Volume (bbl)
150.00	Muddy water with show of oil in tool	0.74
0.00	Mud 20% Water 80%	0.00
0.00	Recovery Chlorides 20000 ppm	0.00
0.00	.30 ohms at 78 degrees	0.00

Gas Rates

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

DIAGRAM



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FLUID SUMMARY

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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: 11.18 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 8200.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
150.00	Muddy water with show of oil in tool	0.738
0.00	Mud 20% Water 80%	0.000
0.00	Recovery Chlorides 20000 ppm	0.000
0.00	.30 ohms at 78 degrees	0.000

Total Length: 150.00 ft Total Volume: 0.738 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

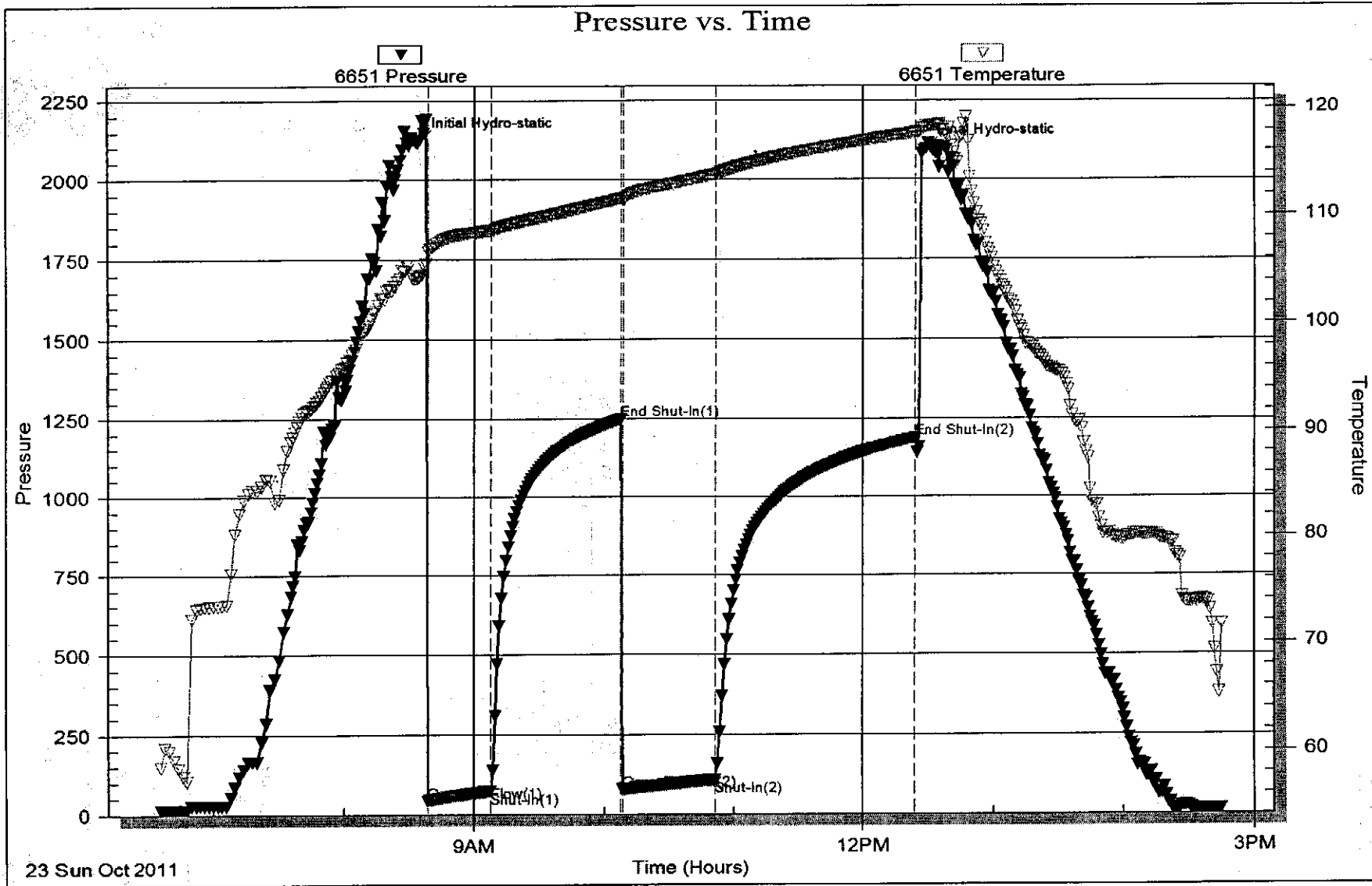
Laboratory Name:

Laboratory Location:

Recovery Comments:

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for



23 Sun Oct 2011

Serial #: 6749

Outside FG Holl Company LLC

32/22S/21W/Hodgeman

DST Test Number: 4

