

DRILL STEM TEST REPORT

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

5/23S/21W/Hodgeman
Bauer Unit A #1-5
 Job Ticket: 17161 DST#: 3
 Test Start: 2012.02.19 @ 06:09:00

GENERAL INFORMATION:

Formation: **Mississippi Chert**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 08:18:00
 Time Test Ended: 13:39:30

Interval: **4470.00 ft (KB) To 4542.00 ft (KB) (TVD)**
 Total Depth: **4542.00 ft (KB) (TVD)**
 Hole Diameter: **7.88 inches** Hole Condition: Fair

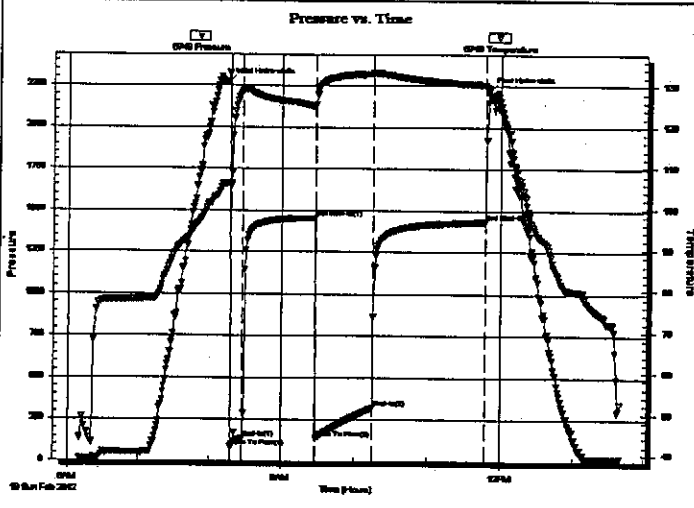
Test Type: Conventional Bottom Hole (Initial)
 Tester: Ken Swinney
 Unit No: 3325 Great Bend/120

Reference Elevations: 2264.00 ft (KB)
 2256.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: 6749 Inside
 Press@RunDepth: 319.45 psia @ 4538.01 ft (KB)
 Start Date: 2012.02.19 End Date: 2012.02.19
 Start Time: 06:10:00 End Time: 13:39:30

Capacity: 5000.00 psia
 Last Calib.: 2012.02.19
 Time On Btm: 2012.02.19 @ 08:15:30
 Time Off Btm: 2012.02.19 @ 11:50:30

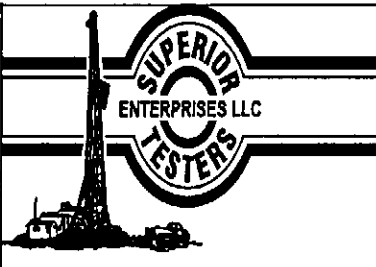
TEST COMMENT: 1ST Open 10 Mintues/Fair blow/Blow built to 12 inches
 1ST Shut In 60 Minutes/Built to just below surface
 2ND Open 45 Minutes/Good blow /Blow built to bottom of bucket in 14 minutes
 2ND Shut In 90 Minutes/No blow back



PRESSURE SUMMARY			
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	2265.92	106.23	Initial Hydro-static
3	83.73	105.93	Open To Flow (1)
12	138.78	128.68	Shut-In(1)
72	1453.40	124.90	End Shut-In(1)
73	138.62	125.44	Open To Flow (2)
120	319.45	132.84	Shut-In(2)
212	1432.04	130.29	End Shut-In(2)
215	2222.09	127.55	Final Hydro-static

Recovery		
Length (ft)	Description	Volume (bbl)
465.00	Muddy Water with oil spots	6.80
0.00	Mud 45% Water 55%	0.00
0.00	Recovery Chlorides 26000 ppm	0.00
0.00	Rec. Resistivity .28 ohms at 58%	0.00

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



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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: 48.00 sec/qt	Cushion Volume: bbl		
Water Loss: 10.38 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psia		
Salinity: 5900.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
465.00	Muddy Water with oil spots	6.800
0.00	Mud 45% Water 55%	0.000
0.00	Recovery Chlorides 26000 ppm	0.000
0.00	Rec. Resistivity .28 ohms at 58%	0.000

Total Length: 465.00 ft Total Volume: 6.800 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:

Serial #: 6749

Inside

FGHM Company, LLC

Bauer Unit A #1-5

DST Test Number: 3

Pressure vs. Time

