



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Mikol Oil LLC
1407 Washington Cir
Hays KS 67601
ATTN: Bob stolzle

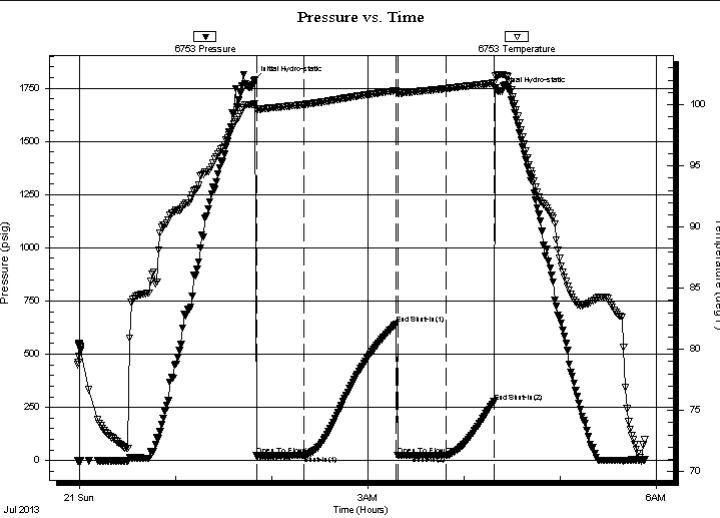
28-10-17, Rooks, KS
Brummitt #1-28
Job Ticket: 54292 **DST#: 2**
Test Start: 2013.07.20 @ 23:59:00

GENERAL INFORMATION:

Formation: **Conglomerate**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 01:50:30
Time Test Ended: 05:52:30
Interval: **3566.00 ft (KB) To 3630.00 ft (KB) (TVD)**
Total Depth: 3630.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair
Test Type: Conventional Bottom Hole (Reset)
Tester: Brett Dickinson
Unit No: 59
Reference Elevations: 2067.00 ft (KB)
2060.00 ft (CF)
KB to GR/CF: 7.00 ft

Serial #: 6753 Inside
Press @ Run Depth: 24.33 psig @ 3567.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2013.07.20 End Date: 2013.07.21 Last Calib.: 2013.07.21
Start Time: 23:59:05 End Time: 05:52:29 Time On Btm: 2013.07.21 @ 01:49:00
Time Off Btm: 2013.07.21 @ 04:21:00

TEST COMMENT: IF-1/4' in blow
IS- No blow
FF- No blow
FS- No blow



PRESSURE SUMMARY			
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1785.22	100.04	Initial Hydro-static
2	23.55	99.63	Open To Flow (1)
31	23.76	100.01	Shut-In(1)
89	641.43	101.14	End Shut-In(1)
90	24.33	100.94	Open To Flow (2)
120	24.33	101.32	Shut-In(2)
150	276.41	101.77	End Shut-In(2)
152	1734.11	102.42	Final Hydro-static

Recovery		
Length (ft)	Description	Volume (bbl)
5.00	mud	0.07

* Recovery from multiple tests

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



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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: 80.00 sec/qt	Cushion Volume: bbl		
Water Loss: 6.79 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 2500.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	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

