



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Mikol Oil LLC
 1407 Washington Cir.
 Hays KS, 67601
 ATTN: Bob Stozle

27-10s-16w Rooks KS

Haberer
 Job Ticket: 47188 **DST#: 2**
 Test Start: 2012.05.29 @ 01:48:00

GENERAL INFORMATION:

Formation: **Cong. & Sim. Snd**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 03:39:30
 Time Test Ended: 06:59:00
 Interval: **3535.00 ft (KB) To 3650.00 ft (KB) (TVD)**
 Total Depth: 3650.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Cody Bloedorn
 Unit No: 44
 Reference Elevations: 2085.00 ft (KB)
 2078.00 ft (CF)
 KB to GR/CF: 7.00 ft

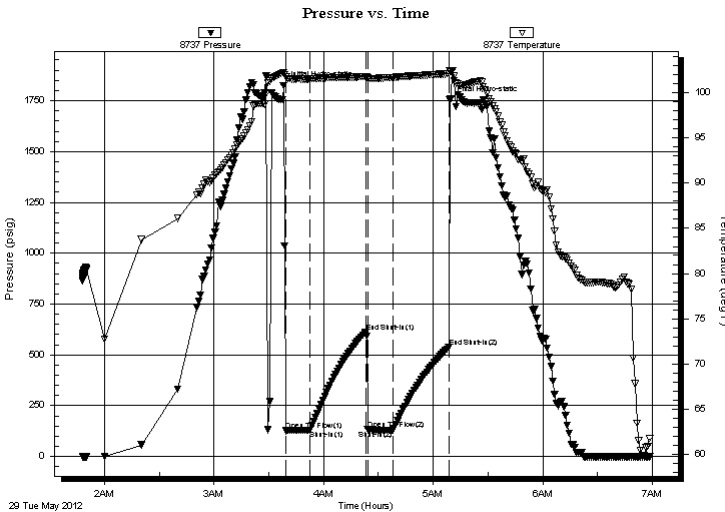
Serial #: 8737

Outside

Press @ Run Depth: 129.25 psig @ 3636.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2012.05.29 End Date: 2012.05.29 Last Calib.: 2012.05.29
 Start Time: 01:48:01 End Time: 06:59:00 Time On Btm: 2012.05.29 @ 03:38:00
 Time Off Btm: 2012.05.29 @ 05:09:00

TEST COMMENT: 15 - IF- 1/4" blow , died in 12 Min.
 30 - IS- No blow back
 15 - FF- No blow
 30 - FS- No blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1824.85	102.22	Initial Hydro-static
2	127.14	101.74	Open To Flow (1)
15	128.58	101.51	Shut-In(1)
45	611.17	101.76	End Shut-In(1)
46	132.52	101.59	Open To Flow (2)
60	129.25	101.67	Shut-In(2)
91	538.93	102.09	End Shut-In(2)
91	1752.81	102.45	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
93.00	Mud - Oil Scum, 100%M	1.02

* Recovery from multiple tests

Gas Rates

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



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FLUID SUMMARY

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Haberer
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Test Start: 2012.05.29 @ 01:48:00

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: 56.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.58 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 8000.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
93.00	Mud - Oil Scum, 100%M	1.022

Total Length: 93.00 ft Total Volume: 1.022 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments: Tool slid 30' to bottom, causing it to open and close on the way to bottom.

Pressure vs. Time

