



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Mkol Oil LLC
 1407 Washington Ave Hays Ks 67601
 ATTN: Larry Denning

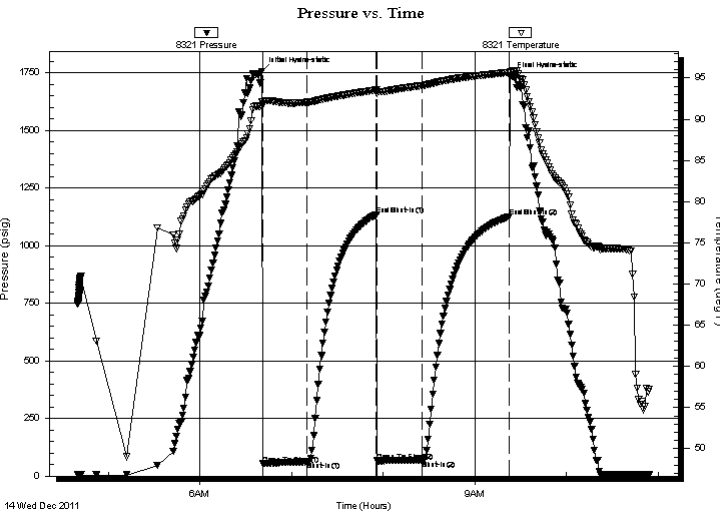
23-10s-17w-Rooks
Russell 1-23
 Job Ticket: 46239 **DST#: 2**
 Test Start: 2011.12.14 @ 04:39:59

GENERAL INFORMATION:

Formation: **Lansing- H**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 06:40:59
 Time Test Ended: 10:54:59
 Interval: **3461.00 ft (KB) To 3552.00 ft (KB) (TVD)**
 Total Depth: 3552.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Jeff Brown
 Unit No: 44
 Reference Elevations: 2086.00 ft (KB)
 2081.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 8321 Inside
 Press @RunDepth: 70.04 psig @ 3531.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2011.12.14 End Date: 2011.12.14 Last Calib.: 2011.12.14
 Start Time: 04:40:00 End Time: 10:54:59 Time On Btm: 2011.12.14 @ 06:40:29
 Time Off Btm: 2011.12.14 @ 09:23:29

TEST COMMENT: IFP-Weak blow built to 2 in
 ISI-Dead no blow back
 FFP-Weak blow built to 1 in
 FSI-Dead no blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1756.82	92.16	Initial Hydro-static
1	53.61	91.63	Open To Flow (1)
30	63.25	92.06	Shut-In(1)
75	1135.12	93.55	End Shut-In(1)
76	65.64	93.15	Open To Flow (2)
105	70.04	94.09	Shut-In(2)
162	1126.12	95.69	End Shut-In(2)
163	1735.15	95.76	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
20.00	Mud w ith oil spots	0.10

* Recovery from multiple tests

Gas Rates

	Choke (inches)	Pressure (psig)	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: 55.00 sec/qt	Cushion Volume: bbl		
Water Loss: 6.40 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 2000.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
20.00	Mud w ith oil spots	0.098

Total Length: 20.00 ft Total Volume: 0.098 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:

Pressure vs. Time

