



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Mikol Oil LLC
1407 Washington Circ
Hays KS, 67601
ATTN: Bob Stolzle

34-10s-16w Rooks KS
Patricia 1-34
Job Ticket: 51553 **DST#: 1**
Test Start: 2012.11.17 @ 16:29:00

GENERAL INFORMATION:

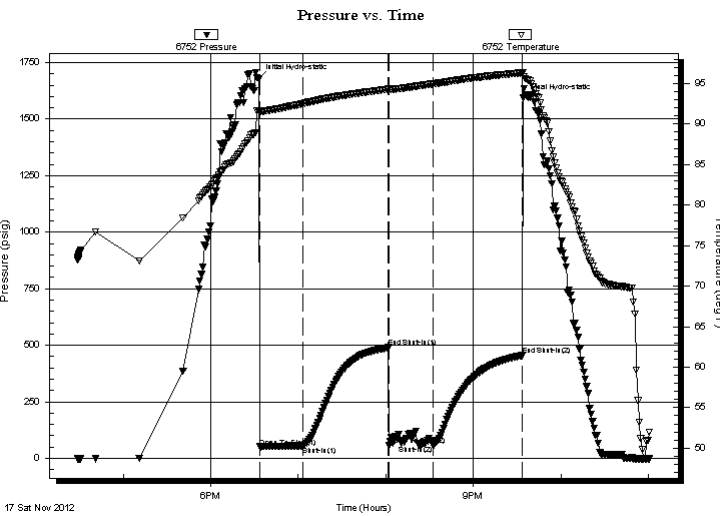
Formation: **KC "E-F"**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 18:33:40
 Time Test Ended: 23:01:00
 Interval: **3313.00 ft (KB) To 3390.00 ft (KB) (TVD)**
 Total Depth: 3390.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Cody Bloedorn
 Unit No: 41
 Reference Elevations: 2079.00 ft (KB)
 2074.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 6752

Inside

Press @ Run Depth: 57.93 psig @ 3382.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2012.11.17 End Date: 2012.11.17 Last Calib.: 2012.11.17
 Start Time: 16:29:01 End Time: 23:01:00 Time On Btm: 2012.11.17 @ 18:33:00
 Time Off Btm: 2012.11.17 @ 21:34:00

TEST COMMENT: 30 - IF- 1/2" blow , dying
 60 - IS- No blow back
 30 - FF- No blow
 60 - FS- No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1677.63	91.68	Initial Hydro-static
1	50.90	91.49	Open To Flow (1)
31	55.16	92.54	Shut-In(1)
89	490.54	94.30	End Shut-In(1)
90	58.83	94.24	Open To Flow (2)
120	57.93	94.96	Shut-In(2)
181	454.56	96.33	End Shut-In(2)
181	1593.03	96.37	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	Mud w ith oil spots, 100%M	0.05

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: 51.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.59 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 4000.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	Mud w ith oil spots, 100%M	0.049

Total Length: 10.00 ft Total Volume: 0.049 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:

Pressure vs. Time

