



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

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

33-10s-17w Rooks KS
Schrandt # 1-33
Job Ticket: 49471 **DST#: 1**
Test Start: 2012.09.11 @ 16:57:00

GENERAL INFORMATION:

Formation: **A-F**
Deviated: No Whipstock: ft (KB) Test Type: Conventional Bottom Hole (Initial)
Time Tool Opened: 19:40:30 Tester: Cody Bloedorn
Time Test Ended: 00:17:00 Unit No: 42
Interval: 3265.00 ft (KB) To 3405.00 ft (KB) (TVD) Reference Elevations: 2082.00 ft (KB)
Total Depth: 3405.00 ft (KB) (TVD) 2077.00 ft (CF)
Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 5.00 ft

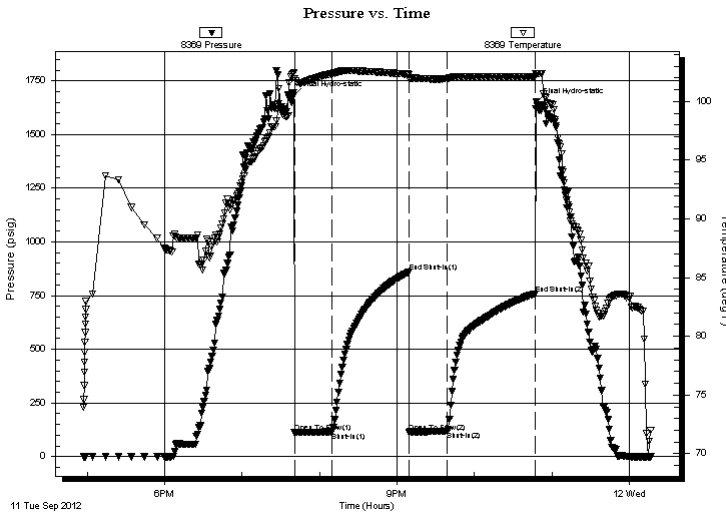
Serial #: 8369

Inside

Press @ Run Depth: 117.83 psig @ 3400.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2012.09.11 End Date: 2012.09.12 Last Calib.: 2012.09.12
Start Time: 16:57:05 End Time: 00:16:59 Time On Btm: 2012.09.11 @ 19:40:00
Time Off Btm: 2012.09.11 @ 22:48:00

TEST COMMENT: 30 - IF- 1 1/4" Blow .
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	1681.89	102.45	Initial Hydro-static
1	111.55	101.93	Open To Flow (1)
30	115.57	102.35	Shut-In(1)
89	859.83	102.31	End Shut-In(1)
90	114.62	101.91	Open To Flow (2)
119	117.83	101.97	Shut-In(2)
187	758.04	102.11	End Shut-In(2)
188	1650.57	102.37	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
62.00	Mud - Oil Scum, 100%M	0.59

Gas Rates

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



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FLUID SUMMARY

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33-10s-17w Rooks KS

1407 Washington Cir.
Hays KS, 67601

Schrandt # 1-33

Job Ticket: 49471

DST#: 1

ATTN: Bob Stolzle

Test Start: 2012.09.11 @ 16:57:00

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: 54.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.60 in³

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
62.00	Mud - Oil Scum, 100%M	0.587

Total Length: 62.00 ft Total Volume: 0.587 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 8369

Inside

Mkol Oil, LLC

Schrandt # 1-33

DST Test Number: 1

Pressure vs. Time

