



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Mikol Oil
 1407 Washington Cir.
 Hays Ks 67601
 ATTN: Larry Denning

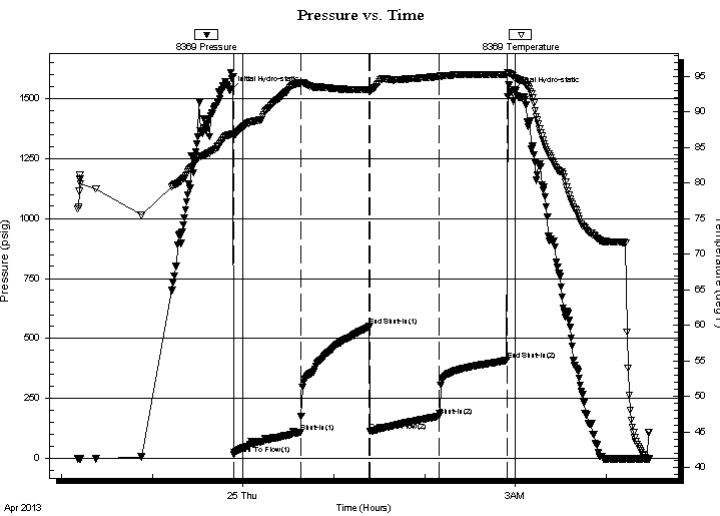
35-10s-16w Rooks
Lyle-Kaster #1-35
 Job Ticket: 52570 **DST#: 1**
 Test Start: 2013.04.24 @ 22:10:47

GENERAL INFORMATION:

Formation: **LKC C-G**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 23:53:42
 Time Test Ended: 04:29:11
 Interval: **3258.00 ft (KB) To 3341.00 ft (KB) (TVD)**
 Total Depth: 3341.00 ft (KB) (TVD)
 Hole Diameter: 7.85 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Ray Schwager
 Unit No: 42
 Reference Elevations: 2054.00 ft (KB)
 2046.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: 8369 Inside
 Press @ Run Depth: 177.17 psig @ 3260.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2013.04.24 End Date: 2013.04.25 Last Calib.: 2013.04.25
 Start Time: 22:10:47 End Time: 04:29:11 Time On Btm: 2013.04.24 @ 23:51:27
 Time Off Btm: 2013.04.25 @ 02:57:56

TEST COMMENT: 45-IFP-w k to strg in 14min
 45-ISIP-no bl
 45-FFP-w k to a fr bl surface to 5"bl
 45-FSIP-no bl



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1532.82	86.77	Initial Hydro-static
3	20.04	86.58	Open To Flow (1)
47	111.40	94.07	Shut-In(1)
92	550.10	93.13	End Shut-In(1)
93	113.44	93.02	Open To Flow (2)
139	177.17	94.99	Shut-In(2)
183	409.98	95.23	End Shut-In(2)
187	1526.60	95.19	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
180.00	Water	2.25
160.00	MW 40%M60%W	2.24

Gas Rates

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



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FLUID SUMMARY

Mikol Oil

35-10s-16w Rooks

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Hays Ks 67601

Lyle-Kaster #1-35

Job Ticket: 52570

DST#: 1

ATTN: Larry Denning

Test Start: 2013.04.24 @ 22:10:47

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:

63000 ppm

Viscosity: 66.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.77 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2500.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
180.00	Water	2.252
160.00	MW 40%M60%W	2.244

Total Length: 340.00 ft Total Volume: 4.496 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW .15@55F

Serial #: 8369

Inside

Mkol Oil

Lyle-Kaster #1-35

DST Test Number: 1

