



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Mikol Oil LLC
 1407 Washington Cir.
 Hays, KS 67601
 ATTN: Marc Downing

17-8S-16W Rooks, KS
Townley #1-17
 Job Ticket: 34535 **DST#: 3**
 Test Start: 2015.08.03 @ 01:37:33

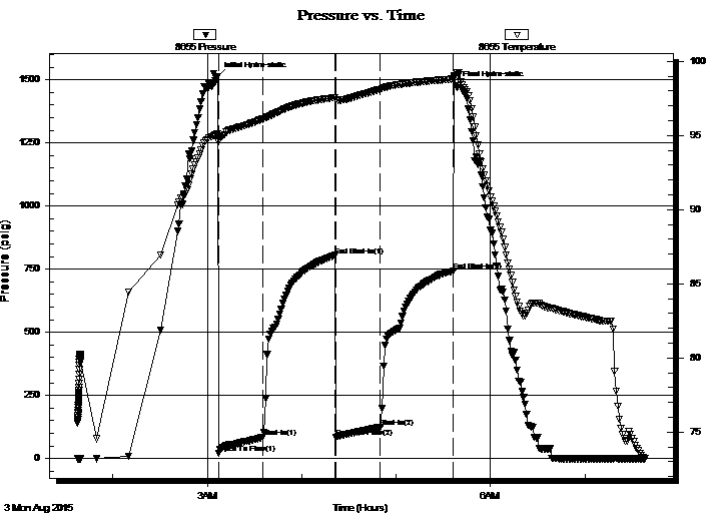
GENERAL INFORMATION:

Formation: **LKC "E-G"**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 03:07:03
 Time Test Ended: 07:38:33
Interval: 3142.00 ft (KB) To 3180.00 ft (KB) (TVD)
 Total Depth: 3180.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Brannan Lonsdale
 Unit No: 62
 Reference Elevations: 1932.00 ft (KB)
 1924.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: 8655 Outside

Press@RunDepth: 125.12 psig @ 3146.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2015.08.03 End Date: 2015.08.03 Last Calib.: 2015.08.03
 Start Time: 01:37:34 End Time: 07:38:33 Time On Btm: 2015.08.03 @ 03:06:33
 Time Off Btm: 2015.08.03 @ 05:38:03

TEST COMMENT: 30- IF- BOB 12 mins
 45- IS- Surface blow died in 6 mins
 30- FF- BOB 13 mins
 45- FS- Half inch blow throughout



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1511.72	95.12	Initial Hydro-static
1	21.11	94.56	Open To Flow (1)
29	83.43	96.11	Shut-In(1)
75	804.47	97.55	End Shut-In(1)
76	85.49	97.42	Open To Flow (2)
104	125.12	98.11	Shut-In(2)
150	744.17	98.81	End Shut-In(2)
152	1476.27	99.20	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
280.00	VGSWMCO, 25%G 45%O 10%W 20%M	3.67
0.00	445' GIP	0.00

* 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: 34 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: ppm
Viscosity: 49.00 sec/qt	Cushion Volume: bbl	
Water Loss: 9.59 in ³	Gas Cushion Type:	
Resistivity: ohm.m	Gas Cushion Pressure: psig	
Salinity: 10000.00 ppm		
Filter Cake: inches		

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
280.00	VGSWMCO, 25%G 45%O 10%W 20%M	3.673
0.00	445' GIP	0.000

Total Length: 280.00 ft Total Volume: 3.673 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:

