



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: 34534 **DST#: 2**
 Test Start: 2015.08.02 @ 12:46:11

GENERAL INFORMATION:

Formation: **LKC "A-D"**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 14:17:11
 Time Test Ended: 18:49:41
Interval: 3059.00 ft (KB) To 3144.00 ft (KB) (TVD)
 Total Depth: 3144.00 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

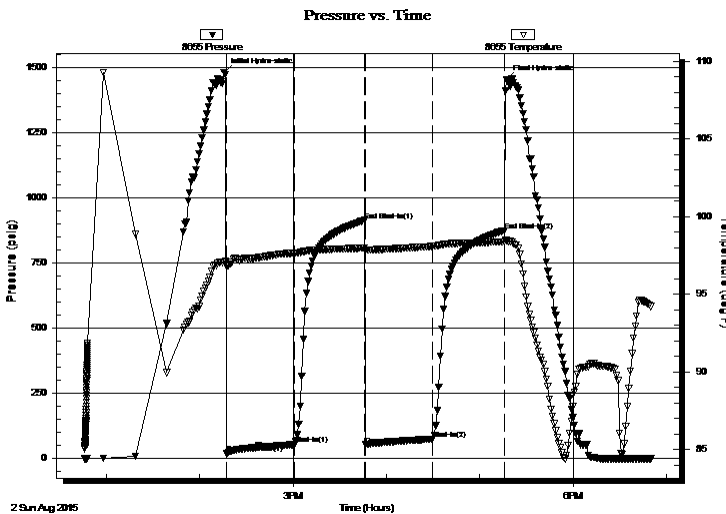
Serial #: 8655

Outside

Press @ Run Depth: 75.47 psig @ 3078.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2015.08.02 End Date: 2015.08.02 Last Calib.: 2015.08.02
 Start Time: 12:46:12 End Time: 18:49:41 Time On Btm: 2015.08.02 @ 14:15:41
 Time Off Btm: 2015.08.02 @ 17:17:11

TEST COMMENT: 45- IF- Slow ly built to 7.5"
 45- IS- No blow
 45- FF- Slow ly built to 9.5"
 45- FS- No blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1480.43	97.08	Initial Hydro-static
2	18.43	96.80	Open To Flow (1)
45	53.50	97.65	Shut-In(1)
90	913.36	97.97	End Shut-In(1)
91	52.58	97.81	Open To Flow (2)
134	75.47	98.09	Shut-In(2)
180	874.17	98.38	End Shut-In(2)
182	1452.33	98.48	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
140.00	GSWOCM, 10%G 10%W 25%O 55%M	1.69
0.00	110' GIP	0.00

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

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

17-8S-16W Rooks, KS
Townley #1-17
Job Ticket: 34534 **DST#: 2**
Test Start: 2015.08.02 @ 12:46:11

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: 47.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.79 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 3000.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
140.00	GSWOCM, 10%G 10%W 25%O 55%M	1.688
0.00	110' GIP	0.000

Total Length: 140.00 ft Total Volume: 1.688 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:

