



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

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

28 10s 17w Rooks
Brumitt 2-28
 Job Ticket: 57594 **DST#: 2**
 Test Start: 2014.04.19 @ 21:05:00

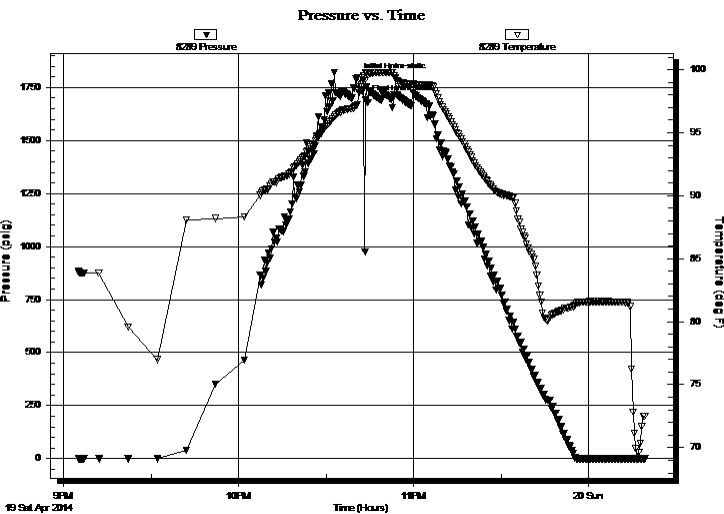
GENERAL INFORMATION:

Formation: **Simpson**
 Deviated: No Whipstock: 1997.00 ft (KB)
 Time Tool Opened: 22:41:00
 Time Test Ended: 00:19:00
 Interval: **3560.00 ft (KB) To 3599.00 ft (KB) (TVD)**
 Total Depth: 3599.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Jim Svaty
 Unit No: 76
 Reference Elevations: 1997.00 ft (KB)
 1991.00 ft (CF)
 KB to GR/CF: 6.00 ft

Serial #: 8289 Outside

Press @ Run Depth: psig @ 3564.00 ft (KB)
 Start Date: 2014.04.19 End Date: 2014.04.20
 Start Time: 21:05:02 End Time: 00:19:15
 Capacity: 8000.00 psig
 Last Calib.: 2014.04.20
 Time On Btm: 2014.04.19 @ 22:40:45
 Time Off Btm: 2014.04.19 @ 22:43:30

TEST COMMENT: Packers Failed -- Pulled



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1796.23	97.22	Initial Hydro-static
3	1692.65	99.75	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
115.00	Mud 100%	1.61

* 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:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 47.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.17 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 5000.00 ppm			
Filter Cake: 0.50 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
115.00	Mud 100%	1.613

Total Length: 115.00 ft Total Volume: 1.613 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments:

