



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Mikol Oil LLC
 1407 Washington
 Hays KS 67601
 ATTN: Marc D

29-8-16, Rooks, KS
Kollman #1-29
 Job Ticket: 64870 **DST#: 2**
 Test Start: 2015.11.27 @ 16:40:00

GENERAL INFORMATION:

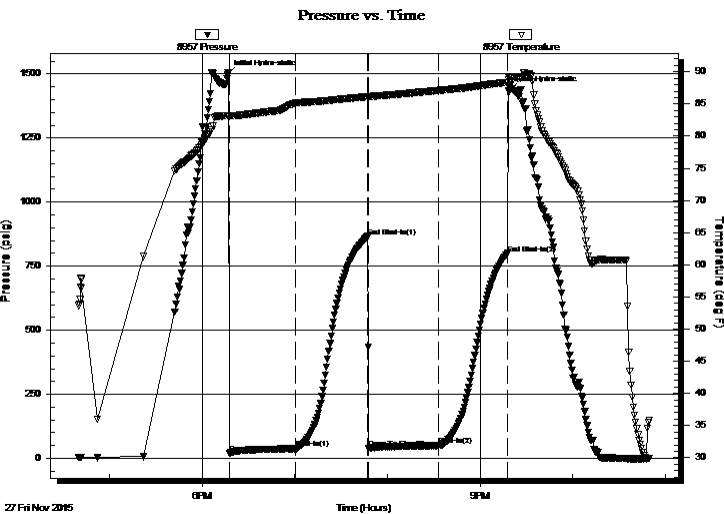
Formation: **KC"C-D"**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Reset)
 Time Tool Opened: 18:17:30 Tester: Brett Dickinson
 Time Test Ended: 22:49:45 Unit No: 81
 Interval: **3103.00 ft (KB) To 3190.00 ft (KB) (TVD)** Reference Elevations: 1978.00 ft (KB)
 Total Depth: 3190.00 ft (KB) (TVD) 1970.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 8.00 ft

Serial #: 8957

Inside

Press @ Run Depth: 50.28 psig @ 3108.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2015.11.27 End Date: 2015.11.27 Last Calib.: 2015.11.27
 Start Time: 16:40:05 End Time: 22:49:44 Time On Btm: 2015.11.27 @ 18:16:30
 Time Off Btm: 2015.11.27 @ 21:18:45

TEST COMMENT: IF-4in blow
 ISI-w eak surface blow
 FF-4 1/4in blow
 FSI-No blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1495.99	83.22	Initial Hydro-static
1	20.70	82.98	Open To Flow (1)
44	37.49	85.15	Shut-In(1)
91	866.28	86.14	End Shut-In(1)
92	38.19	86.05	Open To Flow (2)
137	50.28	87.10	Shut-In(2)
181	799.49	88.35	End Shut-In(2)
183	1434.87	89.11	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	OCM 30%O 70%M	0.57
20.00	SOCM 15%O 85%M	0.28
0.00	40ft 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:	deg API
Mud Weight: 8.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 53.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.20 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 2000.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	OCM 30%O 70%M	0.568
20.00	SOCM 15%O 85%M	0.281
0.00	40ft GIP	0.000

Total Length: 80.00 ft Total Volume: 0.849 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:

