

DRILL STEM TEST REPORT

Prepared For: **Mikol Oil LLC**

2401 Ash St.
Hays Ks.67601

ATTN: Ed Glassman

27-10s-17w Rooks KS

Marston 1A-27

Start Date: 2011.04.05 @ 04:43:05

End Date: 2011.04.05 @ 10:07:39

Job Ticket #: 041802 DST #: 3

Trilobite Testing, Inc
PO Box 1733 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620



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TESTING, INC**

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Hays Ks. 67601

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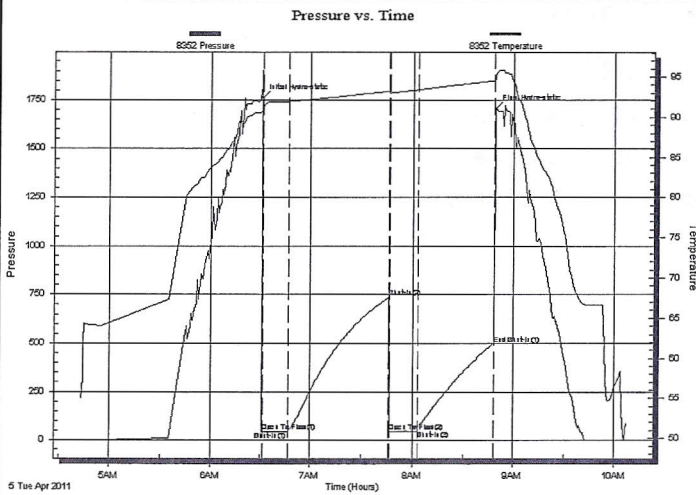
Test Start: 2011.04.05 @ 04:43:05

GENERAL INFORMATION:

Formation: Cong.
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 06:31:10
Time Test Ended: 10:07:39
Interval: 3544.00 ft (KB) To 3605.00 ft (KB) (TVD)
Total Depth: 3605.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair
Reference Elevations: 2073.00 ft (KB)
2065.00 ft (CF)
KB to GR/CF: 8.00 ft

Serial #: 8352 Outside
Press@RunDepth: 46.26 psig @ 3550.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2011.04.05 End Date: 2011.04.05 Last Calib.: 2011.04.05
Start Time: 04:43:05 End Time: 10:07:40 Time On Btm: 2011.04.05 @ 06:30:40
Time Off Btm: 2011.04.05 @ 08:49:10

TEST COMMENT: IF: Blow died in 10 min.
IS: No Return
FF: No Blow
FS: No Return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1761.04	90.69	Initial Hydro-static
1	46.92	89.85	Open To Flow (1)
16	46.26	91.96	Shut-In(1)
76	737.01	93.26	Shut-In(2)
76	46.53	92.93	Open To Flow (2)
92	50.94	93.42	Shut-In(3)
138	495.28	94.55	End Shut-In(1)
139	1703.13	95.10	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
50.00	Mud	0.42

Gas Rates

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



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TOOL DIAGRAM

Mikol Oil LLC

Marston 1A-27

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Job Ticket: 041802

DST#: 3

ATTN: Ed Glassman

Test Start: 2011.04.05 @ 04:43:05

Tool Information

Drill Pipe:	Length: 3503.00 ft	Diameter: 3.80 inches	Volume: 49.14 bbl	Tool Weight: 3000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 24000.00 lb
Drill Collar:	Length: 31.10 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 58000.00 lb
			<u>Total Volume: 49.29 bbl</u>	Tool Chased 5.00 ft
Drill Pipe Above KB:	18.10 ft			String Weight: Initial 43000.00 lb
Depth to Top Packer:	3544.00 ft			Final 43000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	61.00 ft			
Tool Length:	89.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3517.00	
Shut In Tool	5.00			3522.00	
Hydraulic tool	5.00			3527.00	
Jars	5.00			3532.00	
Safety Joint	3.00			3535.00	
Packer	5.00			3540.00	28.00 Bottom Of Top Packer
Packer	4.00			3544.00	
Stubb	1.00			3545.00	
Perforations	4.00			3549.00	
Change Over Sub	1.00			3550.00	
Recorder	0.00	8017	Inside	3550.00	
Recorder	0.00	8352	Outside	3550.00	
Drill Pipe	31.00			3581.00	
Change Over Sub	1.00			3582.00	
Perforations	20.00			3602.00	
Bullnose	3.00			3605.00	61.00 Bottom Packers & Anchor
Total Tool Length:	89.00				



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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:	58.00 sec/qt	Cushion Volume:	bbbl		
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
50.00	Mud	0.418

Total Length: 50.00 ft Total Volume: 0.418 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:

