

DRILL STEM TEST REPORT

Prepared For: **Maralex Resources**

PO Box 338
Ignacio, CO 81137

ATTN: Marc Downing

9-7s-17w-Rooks,KS

McReynolds Trust 9-1

Start Date: 2010.11.27 @ 10:50:09

End Date: 2010.11.27 @ 16:24:09

Job Ticket #: 41308 DST #: 2

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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TESTING, INC.

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ATTN: Marc Downing

McReynolds Trust 9-1

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Job Ticket: 41308

DST#: 2

Test Start: 2010.11.27 @ 10:50:09

GENERAL INFORMATION:

Formation: LKC "J"

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 12:27:39

Time Test Ended: 16:24:09

Interval: 3225.00 ft (KB) To 3250.00 ft (KB) (TVD)

Total Depth: 3250.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Poor

Test Type: Conventional Bottom Hole

Tester: Dustin Rash

Unit No: 41

Reference Elevations: 1914.00 ft (KB)

1909.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8647

Inside

Press@RunDepth: 669.40 psig @ 3228.00 ft (KB)

Start Date: 2010.11.27

End Date: 2010.11.27

Start Time: 10:50:14

End Time: 16:24:08

Capacity: 8000.00 psig

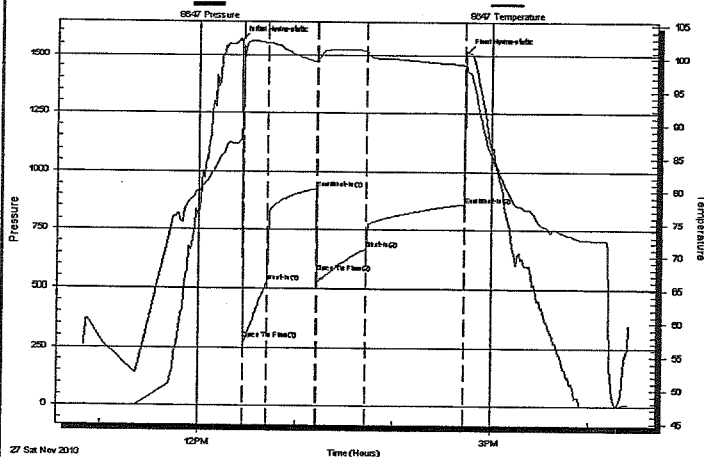
Last Calib.: 2010.11.27

Time On Btm: 2010.11.27 @ 12:25:39

Time Off Btm: 2010.11.27 @ 14:44:39

TEST COMMENT: IF-Strong building blow. BOB in 45 seconds.
ISI-Return in 3 minutes. Weak surface blow. Died in 2 minutes.
FF-Strong building blow. BOB in 2 minutes 15 seconds.
FSI-No Return.

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1560.62	87.65	Initial Hydro-static
2	285.13	99.42	Open To Flow (1)
17	522.17	102.42	Shut-In(1)
47	927.69	99.54	End Shut-In(1)
47	568.19	99.50	Open To Flow (2)
78	669.40	101.50	Shut-In(2)
138	861.64	99.09	End Shut-In(2)
139	1516.54	98.73	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1054.00	MW 90%W 10%M	14.78
340.00	50%Water/50%Mud	4.77

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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TESTING, INC**

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TOOL DIAGRAM

Maralex Resources

McReynolds Trust 9-1

PO Box 338
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9-7s-17w-Rooks, KS

Job Ticket: 41308

DST#: 2

ATTN: Marc Downing

Test Start: 2010.11.27 @ 10:50:09

Tool Information

Drill Pipe:	Length: 3215.00 ft	Diameter: 3.80 inches	Volume: 45.10 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 22000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 5000.00 lb
		Total Volume: 45.10 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	10.00 ft			String Weight: Initial 36000.00 lb
Depth to Top Packer:	3225.00 ft			Final 42000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	25.00 ft			
Tool Length:	45.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3210.00	
Hydraulic tool	5.00			3215.00	
Packer	5.00			3220.00	20.00 Bottom Of Top Packer
Packer	5.00			3225.00	
Stubb	1.00			3226.00	
Perforations	2.00			3228.00	
Recorder	0.00	8647	Inside	3228.00	
Recorder	0.00	8365	Outside	3228.00	
Perforations	19.00			3247.00	
Bullnose	3.00			3250.00	25.00 Bottom Packers & Anchor
Total Tool Length:	45.00				



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FLUID SUMMARY

Maralex Resources

McReynolds Trust 9-1

PO Box 338
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Job Ticket: 41308

DST#: 2

ATTN: Marc Dow ning

Test Start: 2010.11.27 @ 10:50:09

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:

95000 ppm

Viscosity: 52.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.39 in³

Gas Cushion Type:

Resistivity: 0.10 ohm.m

Gas Cushion Pressure:

psig

Salinity: 1500.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1054.00	MW 90%W 10%M	14.785
340.00	50%Water/50%Mud	4.769

Total Length: 1394.00 ft

Total Volume: 19.554 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 8647

Inside

Maralex Resources

9-7s-17w-Rooks,KS

DST Test Number: 2

Pressure vs. Time

