

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: 2010.11.28 @ 14:48:50

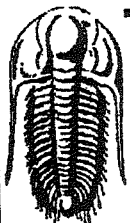
End Date: 2010.11.28 @ 22:06:20

Job Ticket #: 41310 DST #: 4

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Maralex Resources

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ATTN: Marc Downing

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9-7s-17w-Rooks, KS

Job Ticket: 41310

DST#: 4

Test Start: 2010.11.28 @ 14:48:50

GENERAL INFORMATION:

Formation: LKC "L"
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 17:06:50
Time Test Ended: 22:06:20

Test Type: Conventional Bottom Hole
Tester: Dustin Rash
Unit No: 41

Interval: 3267.00 ft (KB) To 3298.00 ft (KB) (TVD)
Total Depth: 3298.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Poor

Reference Elevations: 1914.00 ft (KB)
1909.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 8647

Inside

Press@RunDepth: 290.45 psig @ 3270.00 ft (KB)

Start Date: 2010.11.28

End Date:

2010.11.28

Start Time: 14:48:55

End Time:

22:06:19

Capacity: 8000.00 psig

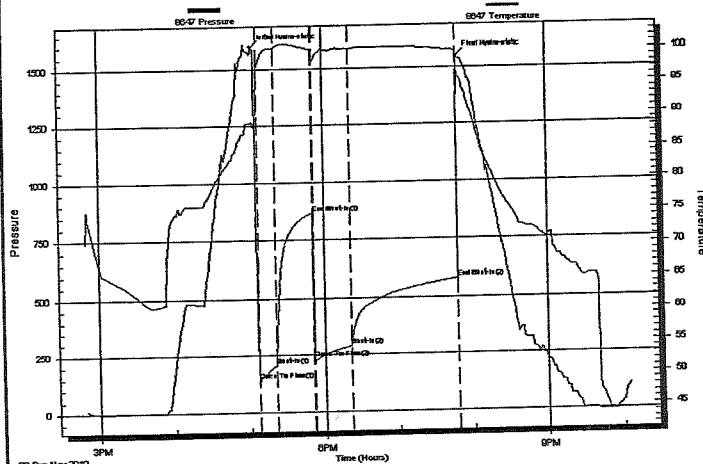
Last Calib.: 2010.11.28

Time On Btm: 2010.11.28 @ 17:02:50

Time Off Btm: 2010.11.28 @ 19:48:20

TEST COMMENT: IF-Strong building blow. BOB in 30 seconds.
ISI-Return after 3 minutes. Built to 1 3/4 inches.
FF-Strong building blow. BOB in 2 minutes.
FSI-Return after 2 minutes. Built to 5 inches.

Pressure vs. Time



PRESSURE SUMMARY

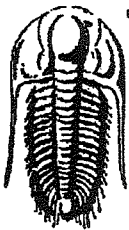
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1597.04	88.90	Initial Hydro-static
4	144.60	97.66	Open To Flow (1)
18	205.64	100.47	Shut-In(1)
48	863.22	100.23	End Shut-In(1)
49	234.09	98.96	Open To Flow (2)
79	290.45	100.29	Shut-In(2)
165	580.23	99.89	End Shut-In(2)
166	1548.33	97.04	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
186.00	GMCO 35%O 35%G 30%M	2.61
620.00	GO 70%O 30%G	8.70
0.00	186' GIP	0.00

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Maralex Resources

McReynolds Trust 9-1

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

Job Ticket: 41310

DST#: 4

ATTN: Marc Downing

Test Start: 2010.11.28 @ 14:48:50

Tool Information

Drill Pipe:	Length: 3276.00 ft	Diameter: 3.80 inches	Volume: 45.95 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:	10000.00 lb
		Total Volume:	45.95 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	29.00 ft			String Weight: Initial	36000.00 lb
Depth to Top Packer:	3267.00 ft			Final	41000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	31.00 ft				
Tool Length:	51.00 ft				
Number of Packers:	2	Diameter:	6.75 inches		
Tool Comments:					

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3252.00	
Hydraulic tool	5.00			3257.00	
Packer	5.00			3262.00	20.00 Bottom Of Top Packer
Packer	5.00			3267.00	
Stubb	1.00			3268.00	
Perforations	2.00			3270.00	
Recorder	0.00	8647	Inside	3270.00	
Recorder	0.00	8365	Outside	3270.00	
Perforations	25.00			3295.00	
Bullnose	3.00			3298.00	31.00 Bottom Packers & Anchor
Total Tool Length:	51.00				



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FLUID SUMMARY

Maralex Resources

McReynolds Trust 9-1

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Test Start: 2010.11.28 @ 14:48:50

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 52.00 sec/qt

Water Loss: 7.99 in³

Resistivity: ohm.m

Salinity: 2600.00 ppm

Filter Cake: inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

ft

bbl

psig

Oil API:

Water Salinity:

27 deg API

ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
186.00	GMCO 35%O 35%G 30%M	2.609
620.00	GO 70%O 30%G	8.697
0.00	186' GIP	0.000

Total Length: 806.00 ft

Total Volume: 11.306 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 8647

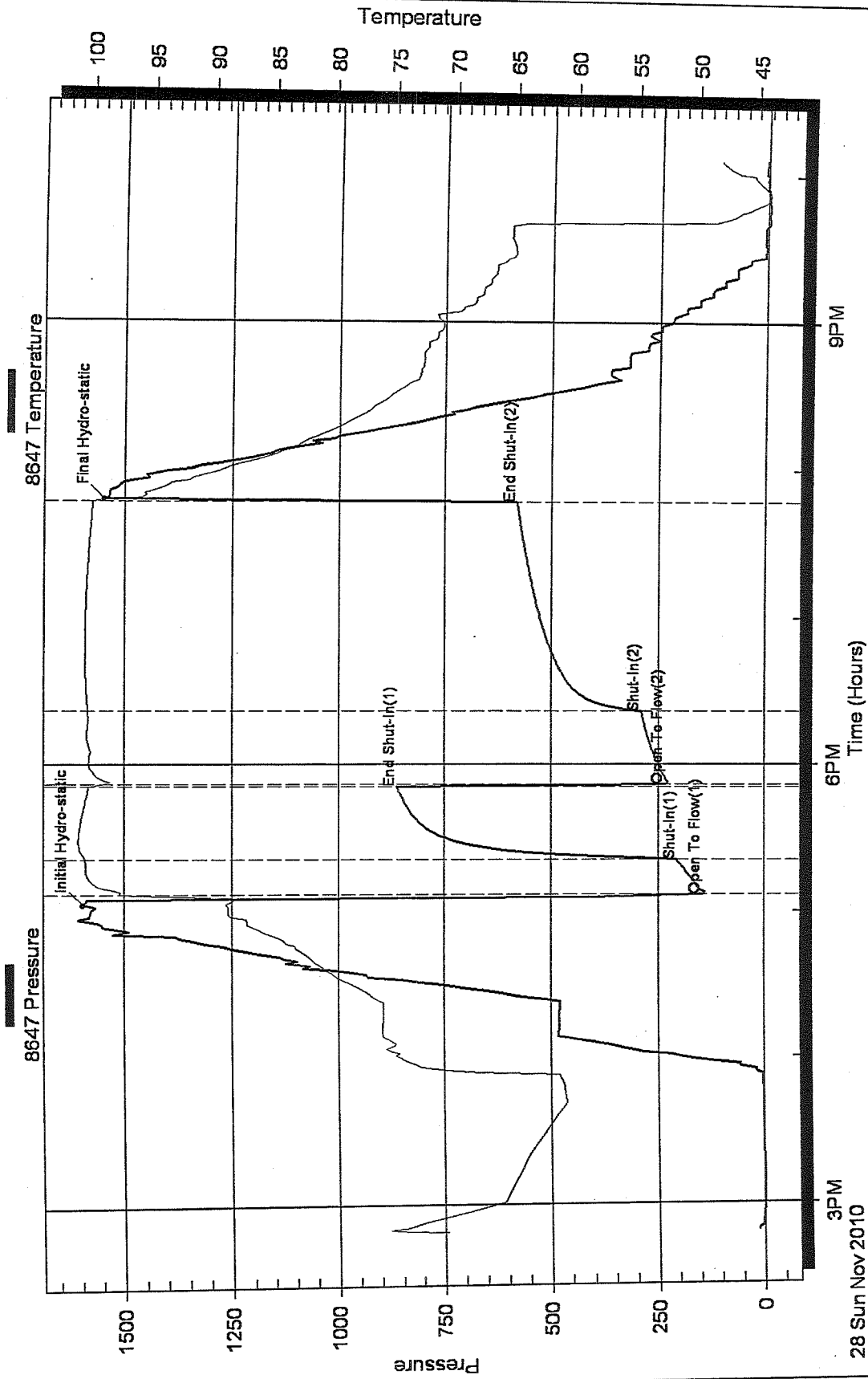
Inside

Maralex Resources

9-7s-17w - Rooks, KS

DST Test Number: 4

Pressure vs. Time



Trilobite Testing, Inc

Ref. No: 41310

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