15-033-21533 10-35s-16w



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Woolsey Operating Co., LLC**

125 N. Market, Ste. 1000
Wichita, Kansas 67202

ATTN: Steve Murphy

10 35 16 Comanche KS

Murdock A #1

Start Date: 2008.08.18 @ 01:32:53
End Date: 2008.08.18 @ 13:07:23
Job Ticket #: 29340 DST #: 1

KCC
NOV 14 2008
CONFIDENTIAL

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

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CONSERVATION DIVISION
WICHITA, KS

DRILL STEM TEST REPORT

Woolsey Operating Co., LLC

125 N. Market, Ste. 1000
Wichita, Kansas 67202

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Murdock A #1

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Job Ticket: 29340 **DST#: 1**

Test Start: 2008.08.18 @ 01:32:53

GENERAL INFORMATION:

Formation: **Mississippi/Warsaw**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 05:58:53
Time Test Ended: 13:07:23

Test Type: Conventional Bottom Hole
Tester: Jerry Adams
Unit No: 45

Interval: 5300.00 ft (KB) To 5402.00 ft (KB) (TVD)
Total Depth: 5402.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

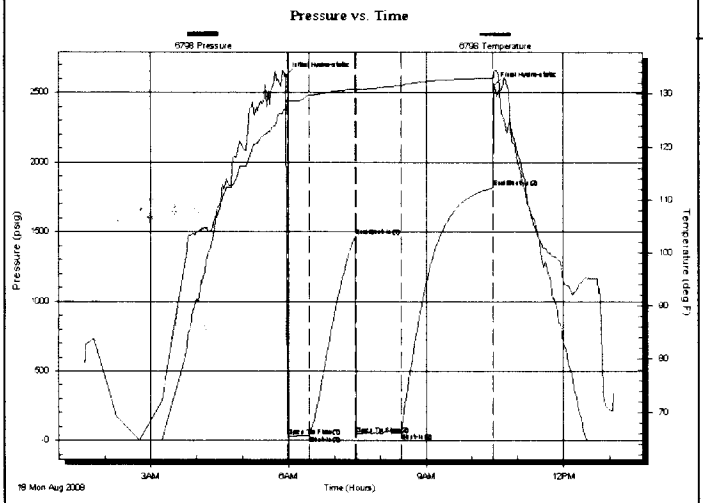
Reference Elevations: 1929.00 ft (KB)
1919.00 ft (CF)
KB to GR/CF: 10.00 ft

Serial #: 6798 **Inside**

Press@RunDepth: 55.34 psig @ 5307.00 ft (KB)
Start Date: 2008.08.18 End Date: 2008.08.18
Start Time: 01:32:54 End Time: 13:07:23

Capacity: 7000.00 psig
Last Calib.: 2008.08.18
Time On Btm: 2008.08.18 @ 05:56:53
Time Off Btm: 2008.08.18 @ 10:29:23

TEST COMMENT: IF Strong blow BOB in 75 secs
ISI No blow
FF Strong blow BOB immediately
FSI No blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2619.73	127.05	Initial Hydro-static
2	29.31	128.18	Open To Flow (1)
31	37.44	129.63	Shut-In(1)
91	1469.86	130.90	End Shut-In(1)
92	45.83	130.57	Open To Flow (2)
150	55.34	131.54	Shut-In(2)
271	1816.92	133.02	End Shut-In(2)
273	2551.83	134.22	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
145.00	Drlg. Mud w / oil scum 100%M	2.03
0.00		0.00

Gas Rates

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

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TOOL DIAGRAM

Woolsey Operating Co., LLC

125 N. Market, Ste. 1000
Wichita, Kansas 67202

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Job Ticket: 29340 **DST#: 1**

Test Start: 2008.08.18 @ 01:32:53

Tool Information

Drill Pipe:	Length:	5291.00 ft	Diameter:	3.80 inches	Volume:	74.22 bbl	
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	
Drill Collar:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	
					Total Volume:	74.22 bbl	

Drill Pipe Above KB:	20.00 ft
Depth to Top Packer:	5300.00 ft
Depth to Bottom Packer:	ft
Interval betw een Packers:	102.00 ft
Tool Length:	131.00 ft
Number of Packers:	2 Diameter: 6.75 inches

Tool Weight:	2800.00 lb
Weight set on Packer:	25000.00 lb
Weight to Pull Loose:	120000.0 lb
Tool Chased	0.00 ft
String Weight: Initial	80000.00 lb
Final	81000.00 lb

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Shut In Tool	5.00			5276.00		
Hydraulic tool	5.00			5281.00		
Jars	5.00			5286.00		
Safety Joint	3.00			5289.00		
Change Over Sub	1.00			5290.00		
Packer	5.00			5295.00	29.00	Bottom Of Top Packer
Packer	5.00			5300.00		
Stubb	1.00			5301.00		
Perforations	5.00			5306.00		
Change Over Sub	1.00			5307.00		
Recorder	0.00	6798	Inside	5307.00		
Recorder	0.00	8358	Inside	5307.00		
Blank Spacing	63.00			5370.00		
Change Over Sub	1.00			5371.00		
Perforations	28.00			5399.00		
Bullnose	3.00			5402.00	102.00	Bottom Packers & Anchor
Total Tool Length:	**131.00**					

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FLUID SUMMARY

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10 35 16 Comanche KS

Job Ticket: 29340 **DST#: 1**

Test Start: 2008.08.18 @ 01:32:53

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:	49.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	10.38 in³	Gas Cushion Type:			
Resistivity:	0.00 ohm.m	Gas Cushion Pressure:	psig		
Salinity:	8000.00 ppm				
Filter Cake:	0.20 inches				

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
145.00	Drlg. Mud w/ oil scum 100%M	2.034
0.00		0.000

Total Length: 145.00 ft Total Volume: 2.034 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #: none

Laboratory Name: Laboratory Location:

Recovery Comments:

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