

15-007-23166

36-33s-15w



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Osage Resources**

6209 N K61 Hwy
Hutchinson KS 67502

ATTN: Jim Musgrove

36 ~~36~~ 33S 15W Barber KS

#106-R Osage

Start Date: 2007.07.14 @ 22:35:53

End Date: 2007.07.15 @ 13:08:23

Job Ticket #: 28377 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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Osage Resources

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Hutchinson KS 67502

ATTN: Jim Musgrove

#106-R Osage

38 33S 15W Barber KS

Job Ticket: 28377

DST#: 1

Test Start: 2007.07.14 @ 22:35:53

GENERAL INFORMATION:

Formation: **Chattanooga**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 05:20:08

Time Test Ended: 13:08:23

Test Type: Conventional Bottom Hole

Tester: Leal Cason

Unit No: 24

Interval: **5124.00 ft (KB) To 5182.00 ft (KB) (TVD)**

Total Depth: 5182.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 1757.00 ft (KB)

1749.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 6752 Inside

Press@RunDepth: 122.34 psig @ 5125.00 ft (KB)

Start Date: 2007.07.14

End Date:

2007.07.15

Start Time: 22:35:58

End Time:

13:08:23

Capacity: 7000.00 psig

Last Calib.: 2007.07.15

Time On Btm: 2007.07.15 @ 05:19:07

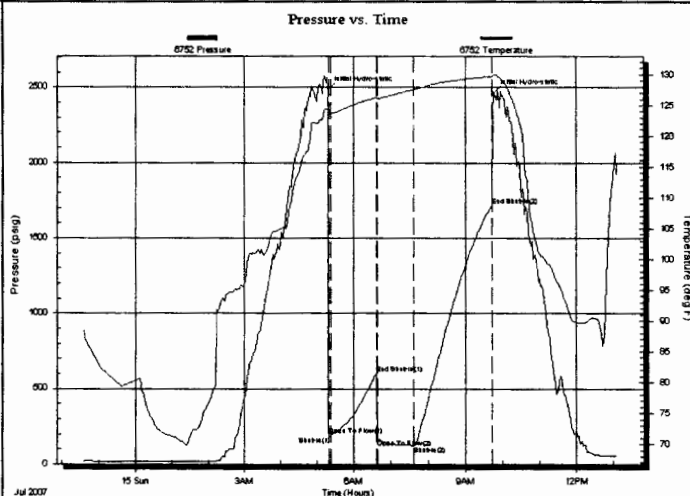
Time Off Btm:

TEST COMMENT: IF Fair Blow 8 inches Died Back to 4 inches

ISI Bled Off No Blow back

FF Strong Blow BOB in 90 Seconds

FSI Bled Off No Blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2483.88	124.36	Initial Hydro-static
2	188.64	123.90	Open To Flow (1)
4	182.60	123.71	Shut-In (1)
78	601.14	126.23	End Shut-In (1)
80	167.56	126.08	Open To Flow (2)
139	122.34	127.53	Shut-In (2)
265	1716.31	129.72	End Shut-In (2)
267	2465.80	129.91	Initial Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	4570 GIP	0.00
130.00	GCM 5%G 95%M	0.64

Gas Rates

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

Osage Resources

#106-R Osage

6209 N K61 Hwy
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38 33S 15W Barber KS

Job Ticket: 28377

DST#: 1

ATTN: Jim Musgrove

Test Start: 2007.07.14 @ 22:35:53

Tool Information

Drill Pipe:	Length: 4814.00 ft	Diameter: 3.80 inches	Volume: 67.53 bbl	Tool Weight: 2100.00 lb
Heavy Wt. Pipe:	Length: ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 313.00 ft	Diameter: 2.25 inches	Volume: 1.54 bbl	Weight to Pull Loose: 85000.00 lb
		Total Volume: 69.07 bbl		Tool Chased ft
Drill Pipe Above KB:	32.00 ft			String Weight: Initial 82000.00 lb
Depth to Top Packer:	5124.00 ft			Final 82000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	58.00 ft			
Tool Length:	87.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Circulating sub	1.00			5096.00	
Change Over Sub	1.00			5097.00	
Shut In Tool	5.00			5102.00	
Hydraulic tool	5.00			5107.00	
Jars	5.00			5112.00	
Safety Joint	3.00			5115.00	
Packer	5.00			5120.00	29.00 Bottom Of Top Packer
Packer	4.00			5124.00	
Stubb	1.00			5125.00	
Recorder	0.00	6752	Inside	5125.00	
Perforations	22.00			5147.00	
Drill Pipe	32.00			5179.00	
Recorder	0.00	6704	Outside	5179.00	
Bullnose	3.00			5182.00	58.00 Bottom Packers & Anchor

Total Tool Length: 87.00



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FLUID SUMMARY

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DST#: 1

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Test Start: 2007.07.14 @ 22:35:53

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: 11.19 in³

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
0.00	4570 GIP	0.000
130.00	GCM 5%G 95%M	0.639

Total Length: 130.00 ft

Total Volume: 0.639 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

