

**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Pratt Well Service INC

Pike Updegraff # 2

PO Box 847
Pratt, KS 67124

23-31s-12w Barber,KS

ATTN: Kenneth Gates

Job Ticket: 37476

DST#: 1

Test Start: 2011.05.06 @ 03:38:47

GENERAL INFORMATION:

Formation: Miss

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 09:05:47

Time Test Ended: 15:32:17

Test Type: Conventional Bottom Hole

Tester: Chris Staats

Unit No: 34

Interval: 4298.00 ft (KB) To 4328.00 ft (KB) (TVD)

Reference Elevations: 1614.00 ft (KB)

Total Depth: 4328.00 ft (KB) (TVD)

1601.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 13.00 ft

Serial #: 6773

Outside

Press@RunDepth: 82.11 psig @ 4299.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.05.06

End Date: 2011.05.06

Last Calib.: 2011.05.06

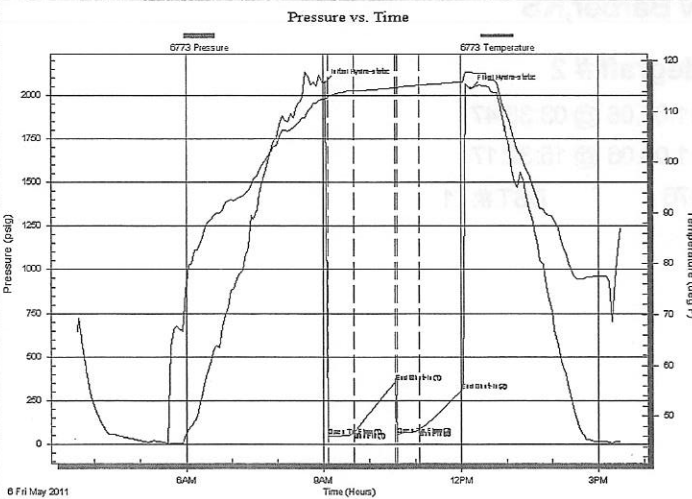
Start Time: 03:38:52

End Time: 15:32:17

Time On Btm: 2011.05.06 @ 09:02:32

Time Off Btm: 2011.05.06 @ 12:13:47

TEST COMMENT: IF: Strong blow BOB 3 min
IS: No blow back
FSI: Strong blow BOB 2 sec
FSI: No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2073.69	112.33	Initial Hydro-static
4	46.02	112.71	Open To Flow (1)
38	70.76	114.10	Shut-In(1)
92	354.07	114.70	End Shut-In(1)
94	49.41	114.67	Open To Flow (2)
122	82.11	115.24	Shut-In(2)
178	304.42	115.86	End Shut-In(2)
192	2040.28	117.65	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	GIP 995'	0.00
45.00	Mud with oil spots 2%oil 98%mud	0.35

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Pratt Well Service INC

Pike Updegraff # 2

PO Box 847
Pratt, KS 67124

23-31s-12w Barber,KS

Job Ticket: 37476

DST#: 1

ATTN: Kenneth Gates

Test Start: 2011.05.06 @ 03:38:47

Tool Information

Drill Pipe:	Length: 4246.00 ft	Diameter: 3.80 inches	Volume: 59.56 bbl	Tool Weight: 2200.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 28000.00 lb
Drill Collar:	Length: 31.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 65000.00 lb
			<u>Total Volume: 59.71 bbl</u>	Tool Chased 2.00 ft
Drill Pipe Above KB:	8.00 ft			String Weight: Initial 50000.00 lb
Depth to Top Packer:	4298.00 ft			Final 51000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	30.00 ft			
Tool Length:	59.00 ft			
Number of Packers:	2	Diameter: 6.25 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4270.00	
Shut In Tool	5.00			4275.00	
Hydraulic tool	5.00			4280.00	
Jars	5.00			4285.00	
Safety Joint	3.00			4288.00	
Packer	5.00			4293.00	29.00 Bottom Of Top Packer
Packer	5.00			4298.00	
Stubb	1.00			4299.00	
Recorder	0.00	6773	Outside	4299.00	
Recorder	0.00	8166	Outside	4299.00	
Perforations	26.00			4325.00	
Bullnose	3.00			4328.00	30.00 Bottom Packers & Anchor

Total Tool Length: 59.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Pratt Well Service INC

Pike Updegraff # 2

PO Box 847
Pratt, KS 67124

23-31s-12w Barber, KS

ATTN: Kenneth Gates

Job Ticket: 37476

DST#: 1

Test Start: 2011.05.06 @ 03:38:47

Tool Information

Drill Pipe:	Length: 4246.00 ft	Diameter: 3.80 inches	Volume: 59.56 bbl	Tool Weight: 2200.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 28000.00 lb
Drill Collar:	Length: 31.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 65000.00 lb
			<u>Total Volume: 59.71 bbl</u>	Tool Chased 2.00 ft
Drill Pipe Above KB:	8.00 ft			String Weight: Initial 50000.00 lb
Depth to Top Packer:	4298.00 ft			Final 51000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	30.00 ft			
Tool Length:	59.00 ft			
Number of Packers:	2	Diameter: 6.25 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4270.00	
Shut In Tool	5.00			4275.00	
Hydraulic tool	5.00			4280.00	
Jars	5.00			4285.00	
Safety Joint	3.00			4288.00	
Packer	5.00			4293.00	29.00 Bottom Of Top Packer
Packer	5.00			4298.00	
Stubb	1.00			4299.00	
Recorder	0.00	6773	Outside	4299.00	
Recorder	0.00	8166	Outside	4299.00	
Perforations	26.00			4325.00	
Bullnose	3.00			4328.00	30.00 Bottom Packers & Anchor
Total Tool Length:	59.00				

Pressure vs. Time

