



Weatherford[®]

Completion Systems

DRILL STEM TEST REPORT

Prepared For: **Berexco LLC**

PO Box 20380
Wichita,KS. 67208

ATTN: Bryan Bynog

21-18s-31w-Scott

Newby #1-21

Start Date: 2010.09.05 @ 16:41:05

End Date: 2010.09.06 @ 02:03:20

Job Ticket #: 39050 DST #: 3

ALPINE OIL SERVICES CORPORATION
2460, 240 - 4 Avenue S.W. Calgary, AB. T2P 4H4
ph: 263-7800 fax: 264-7260



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Test Start: 2010.09.05 @ 16:41:05

GENERAL INFORMATION:

Formation: **Mississippi**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 19:07:05

Time Test Ended: 02:03:20

Test Type: Conventional Bottom Hole

Tester: Jason McLemore

Unit No: 32

Interval: 4600.00 ft (KB) To 4620.00 ft (KB) (TVD)

Reference Elevations: 2945.00 ft (KB)

Total Depth: 4620.00 ft (KB) (TVD)

2932.00 ft (CF)

Hole Diameter: 7.80 inches Hole Condition: Good

KB to GR/CF: 13.00 ft

Serial #: 6755

Inside

Press @ Run Depth: 109.82 psig @ 4602.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2010.09.05

End Date:

2010.09.06

Last Calib.:

2010.09.06

Start Time: 16:41:07

End Time:

02:03:20

Time On Btm:

2010.09.05 @ 19:06:35

Time Off Btm:

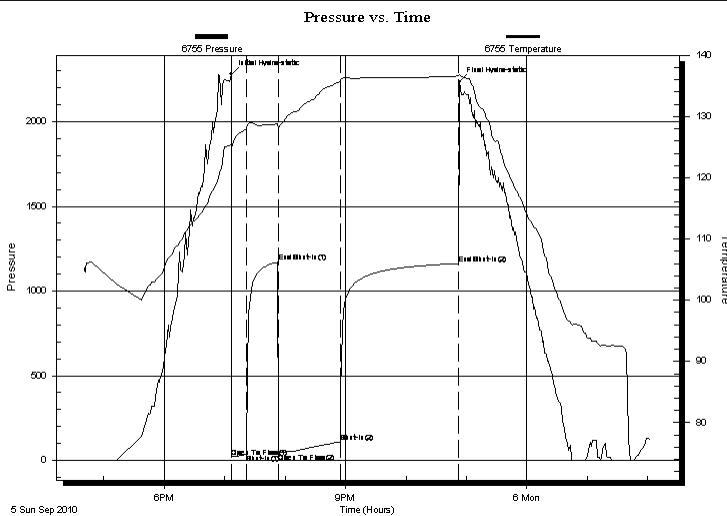
2010.09.05 @ 22:53:05

TEST COMMENT: IFP-Weak Blow ,Built to 3/4"

ISI-Dead

FFP-Weak Blow ,Built to 3"

FSI-Dead



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2279.81	125.57	Initial Hydro-static
1	19.26	125.03	Open To Flow (1)
16	37.07	128.20	Shut-In(1)
47	1170.93	128.83	End Shut-In(1)
47	42.98	128.08	Open To Flow (2)
109	109.82	135.76	Shut-In(2)
226	1162.96	136.63	End Shut-In(2)
227	2236.79	136.88	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
20.00	VSOCM-1%O-99%M	0.10
180.00	Watery Mud W/Oil Scum-25%W-75%M	0.89

Gas Rates

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



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TOOL DIAGRAM

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Tool Information

Drill Pipe:	Length: 4018.00 ft	Diameter: 3.80 inches	Volume: 56.36 bbl	Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.27 inches	Volume: 0.00 bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length: 582.00 ft	Diameter: 2.25 inches	Volume: 2.86 bbl	Weight to Pull Loose:	100000.0 lb
			<u>Total Volume: 59.22 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	28.00 ft			String Weight: Initial	95000.00 lb
Depth to Top Packer:	4600.00 ft			Final	95000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	20.00 ft				
Tool Length:	48.00 ft				
Number of Packers:	2	Diameter: 6.75 inches			
Tool Comments:					

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Change Over Sub	1.00			4573.00	
Shut In Tool	5.00			4578.00	
Hydraulic tool	5.00			4583.00	
Jars	5.00			4588.00	
Safety Joint	2.00			4590.00	
Packer	5.00			4595.00	28.00 Bottom Of Top Packer
Packer	5.00			4600.00	
Stubb	1.00			4601.00	
Perforations	1.00			4602.00	
Recorder	0.00	6755	Inside	4602.00	
Recorder	0.00	8360	Outside	4602.00	
Perforations	15.00			4617.00	
Bullnose	3.00			4620.00	20.00 Bottom Packers & Anchor

Total Tool Length: 48.00



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FLUID SUMMARY

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DST#: 3

ATTN: Bryan Bynog

Test Start: 2010.09.05 @ 16:41:05

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:

8800 ppm

Viscosity: 48.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.97 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 bbbl
20.00	VSOCM-1%O-99%M	0.098
180.00	Watery Mud W/Oil Scum-25%W-75%M	0.885

Total Length: 200.00 ft

Total Volume: 0.983 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

