



Weatherford[®]

Completion Systems

DRILL STEM TEST REPORT

Prepared For: **Berexco LLC**

2020 North Bramblewood
Wichita, KS 67208+1094

ATTN: Ed Grieves

15-22-33 Finney,KS

Weede 3-15

Start Date: 2010.10.17 @ 01:45:00

End Date: 2010.10.17 @ 10:21:49

Job Ticket #: 40287 DST #: 2

ALPINE OIL SERVICES CORPORATION
2460, 240 - 4 Avenue S.W. Calgary, AB. T2P 4H4
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ATTN: Ed Grieves

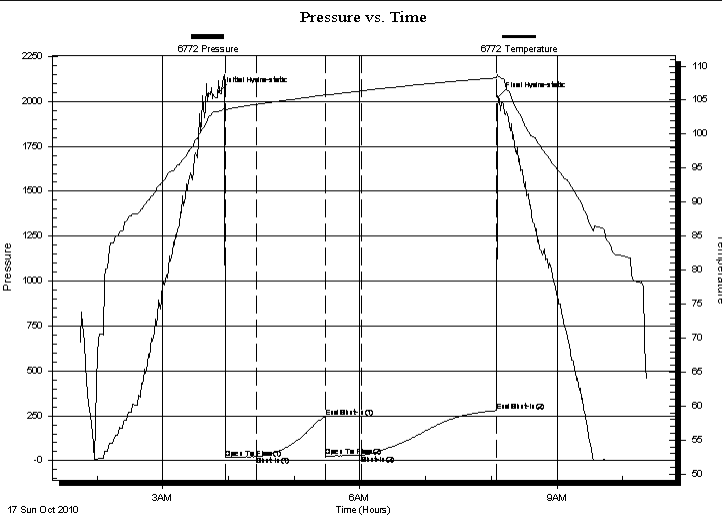
Weede 3-15
15-22-33 Finney,KS
Job Ticket: 40287 **DST#: 2**
Test Start: 2010.10.17 @ 01:45:00

GENERAL INFORMATION:

Formation: **Marmaton lower**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 03:57:30
Time Test Ended: 10:21:49
Interval: **4375.00 ft (KB) To 4397.00 ft (KB) (TVD)**
Total Depth: 4397.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair
Test Type: Conventional Bottom Hole
Tester: Harley Davidson
Unit No: 33
Reference Elevations: 2908.00 ft (KB)
2897.00 ft (CF)
KB to GR/CF: 11.00 ft

Serial #: 6772 Inside
Press @ Run Depth: 29.07 psig @ 4377.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2010.10.17 End Date: 2010.10.17 Last Calib.: 2010.10.17
Start Time: 01:45:05 End Time: 10:21:50 Time On Btm: 2010.10.17 @ 03:51:50
Time Off Btm: 2010.10.17 @ 08:06:24

TEST COMMENT: IF- Weak surface blow .
IS- No blow back.
FF- No blow .
FS- No blow back.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2051.98	103.46	Initial Hydro-static
6	16.43	103.47	Open To Flow (1)
34	22.23	104.39	Shut-In(1)
97	243.94	105.75	End Shut-In(1)
97	24.36	105.72	Open To Flow (2)
130	29.07	106.37	Shut-In(2)
253	278.63	108.28	End Shut-In(2)
255	2025.60	108.50	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	slightly oil cut mud	0.15

Gas Rates

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



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TOOL DIAGRAM

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Test Start: 2010.10.17 @ 01:45:00

Tool Information

Drill Pipe:	Length: 3709.00 ft	Diameter: 3.80 inches	Volume: 52.03 bbl	Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length: 641.00 ft	Diameter: 2.25 inches	Volume: 3.15 bbl	Weight to Pull Loose:	95000.00 lb
			<u>Total Volume: 55.18 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	3.00 ft			String Weight: Initial	90000.00 lb
Depth to Top Packer:	4375.00 ft			Final	90000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	22.00 ft				
Tool Length:	50.00 ft				
Number of Packers:	2	Diameter: 6.75 inches			

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4348.00	
Shut In Tool	5.00			4353.00	
Hydraulic tool	5.00			4358.00	
Jars	5.00			4363.00	
Safety Joint	3.00			4366.00	
Packer	5.00			4371.00	28.00 Bottom Of Top Packer
Packer	4.00			4375.00	
Stubb	1.00			4376.00	
Perforations	1.00			4377.00	
Recorder	0.00	8355	Inside	4377.00	
Recorder	0.00	6772	Inside	4377.00	
Perforations	17.00			4394.00	
Bullnose	3.00			4397.00	22.00 Bottom Packers & Anchor

Total Tool Length: 50.00



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FLUID SUMMARY

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Test Start: 2010.10.17 @ 01:45:00

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: 57.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.97 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1900.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
30.00	slightly oil cut mud	0.148

Total Length: 30.00 ft Total Volume: 0.148 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

