



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: 2010.10.20 @ 04:00:00

End Date: 2010.10.20 @ 12:35:40

Job Ticket #: 40290 DST #: 5

ALPINE OIL SERVICES CORPORATION
2460, 240 - 4 Avenue S.W. Calgary, AB. T2P 4H4
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2020 North Bramblewood
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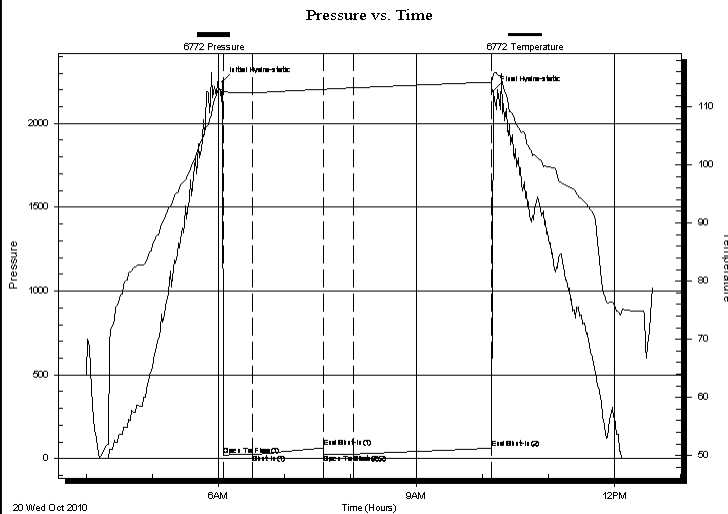
Weede 3-15
15-22-33 Finney,KS
Job Ticket: 40290 **DST#: 5**
Test Start: 2010.10.20 @ 04:00:00

GENERAL INFORMATION:

Formation: **Morrow**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 06:04:40
Time Test Ended: 12:35:40
Interval: **4629.00 ft (KB) To 4665.00 ft (KB) (TVD)**
Total Depth: 4665.00 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: 27.71 psig @ 4631.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2010.10.20 End Date: 2010.10.20 Last Calib.: 2010.10.20
Start Time: 04:00:05 End Time: 12:35:39 Time On Btm: 2010.10.20 @ 06:03:35
Time Off Btm: 2010.10.20 @ 10:09:30

TEST COMMENT: IF- Weak blow 1/2" into bucket.
IS- No blow back.
FF- No blow .
FS- No blow back.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2246.98	112.94	Initial Hydro-static
2	21.08	112.45	Open To Flow (1)
27	25.14	112.40	Shut-In(1)
92	65.23	113.01	End Shut-In(1)
93	27.05	112.99	Open To Flow (2)
119	27.71	113.25	Shut-In(2)
245	63.29	114.22	End Shut-In(2)
246	2193.13	115.62	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
15.00	100% mud	0.07

Gas Rates

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



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TOOL DIAGRAM

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ATTN: Ed Grieves

Test Start: 2010.10.20 @ 04:00:00

Tool Information

Drill Pipe:	Length: 3985.00 ft	Diameter: 3.80 inches	Volume: 55.90 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:	100000.0 lb
			<u>Total Volume: 59.05 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	25.00 ft			String Weight: Initial	95000.00 lb
Depth to Top Packer:	4629.00 ft			Final	95000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	36.00 ft				
Tool Length:	64.00 ft				
Number of Packers:	2	Diameter: 6.75 inches			

Tool Comments:

Tool Description

Length (ft) Serial No. Position Depth (ft) Accum. Lengths

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4602.00	
Shut In Tool	5.00			4607.00	
Hydraulic tool	5.00			4612.00	
Jars	5.00			4617.00	
Safety Joint	3.00			4620.00	
Packer	5.00			4625.00	28.00 Bottom Of Top Packer
Packer	4.00			4629.00	
Stubb	1.00			4630.00	
Perforations	1.00			4631.00	
Recorder	0.00	8355	Inside	4631.00	
Recorder	0.00	6772	Inside	4631.00	
Perforations	31.00			4662.00	
Bullnose	3.00			4665.00	36.00 Bottom Packers & Anchor

Total Tool Length: 64.00



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FLUID SUMMARY

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DST#: 5

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Test Start: 2010.10.20 @ 04:00:00

Mud and Cushion Information

Mud Type: Gel Chem
 Mud Weight: 9.00 lb/gal
 Viscosity: 53.00 sec/qt
 Water Loss: 7.19 in³
 Resistivity: ohm.m
 Salinity: 3100.00 ppm
 Filter Cake: inches

Cushion Type:
 Cushion Length: ft
 Cushion Volume: bbl
 Gas Cushion Type:
 Gas Cushion Pressure: psig

Oil API: deg API
 Water Salinity: ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
15.00	100% mud	0.074

Total Length: 15.00 ft Total Volume: 0.074 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

