



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Woolsey Operating Co
125 N Market Ste 1000
Wichita, KS 67202
ATTN: Scott Alberg

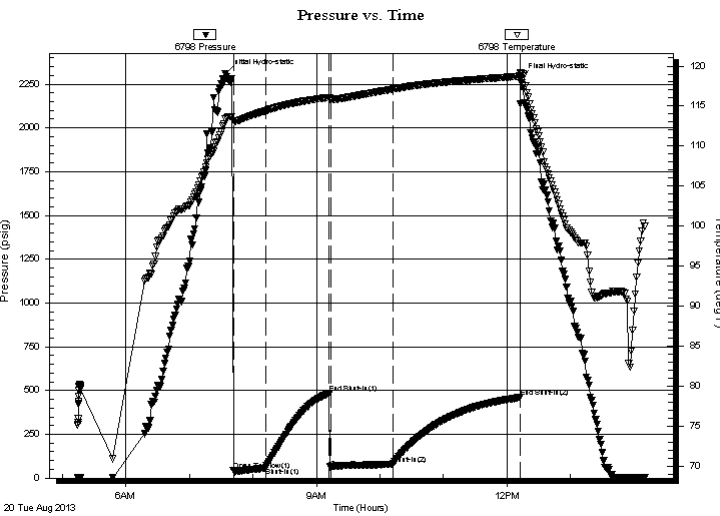
25-34S-13W Barber
Hardtner Homes 1
Job Ticket: 52389 **DST#: 2**
Test Start: 2013.08.20 @ 05:14:15

GENERAL INFORMATION:

Formation: **Cherokee-Mississippi**
Deviated: No Whipstock: ft (KB) Test Type: Conventional Bottom Hole (Reset)
Time Tool Opened: 07:41:21 Tester: Leal Cason
Time Test Ended: 14:10:50 Unit No: 45
Interval: 4737.00 ft (KB) To 4850.00 ft (KB) (TVD) Reference Elevations: 1497.00 ft (KB)
Total Depth: 4850.00 ft (KB) (TVD) 1485.00 ft (CF)
Hole Diameter: 7.88 inches Hole Condition: Good KB to GR/CF: 12.00 ft

Serial #: 6798 Inside
Press @ Run Depth: 78.64 psig @ 4738.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2013.08.20 End Date: 2013.08.20 Last Calib.: 2013.08.20
Start Time: 05:14:16 End Time: 14:10:50 Time On Btm: 2013.08.20 @ 07:33:51
Time Off Btm: 2013.08.20 @ 12:13:21

TEST COMMENT: IF: Fair Blow , BOB in 26 minutes
IS: No Blow Back
FF: Weak Blow , BOB in 34 minutes
FS: No Blow Back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2311.69	113.37	Initial Hydro-static
8	43.88	113.19	Open To Flow (1)
38	61.60	114.41	Shut-In(1)
99	484.11	116.09	End Shut-In(1)
100	56.55	115.81	Open To Flow (2)
158	78.64	117.09	Shut-In(2)
279	462.14	118.73	End Shut-In(2)
280	2286.49	119.21	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
123.00	Mud	0.60

* Recovery from multiple tests

Gas Rates

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



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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: 48.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.98 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 4800.00 ppm			
Filter Cake: 0.02 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
123.00	Mud	0.605

Total Length: 123.00 ft Total Volume: 0.605 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:

Pressure vs. Time

