



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Castelli Exploration Inc
6908 NW 112th
Oklahoma, City OK 73162-2976
ATTN: Tom Castelli

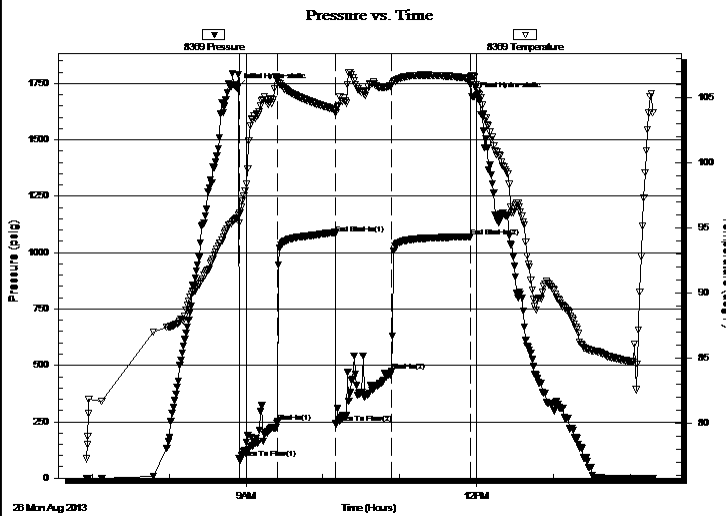
18-10s-19w Rooks
Heiland #2-18
Job Ticket: 54802 **DST#: 2**
Test Start: 2013.08.26 @ 06:34:42

GENERAL INFORMATION:

Formation: Arbuckle			
Deviated: No Whipstock:	ft (KB)	Test Type: Conventional Bottom Hole (Reset)	
Time Tool Opened: 08:33:37		Tester: Ray Schwager	
Time Test Ended: 13:56:21		Unit No: 70	
Interval: 3676.00 ft (KB) To 3812.00 ft (KB) (TVD)		Reference Elevations: 2225.00 ft (KB)	
Total Depth: 3812.00 ft (KB) (TVD)		2220.00 ft (CF)	
Hole Diameter: 6.75 inches	Hole Condition: Poor	KB to GR/CF: 5.00 ft	

Serial #: 8369	Inside				
Press @ Run Depth: 472.65 psig @ 3680.00 ft (KB)		Capacity: 8000.00 psig			
Start Date: 2013.08.26	End Date: 2013.08.26	Last Calib.: 2013.08.26			
Start Time: 06:55:42	End Time: 14:17:21	Time On Btm: 2013.08.26 @ 08:53:07			
		Time Off Btm: 2013.08.26 @ 11:57:36			

TEST COMMENT: 30-IFP-w k to strg to 5 min
45-ISIP-no bl
45-FFP-w k to strg in 12 min
60-FSIP-no bl



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1729.72	95.73	Initial Hydro-static
2	86.41	95.35	Open To Flow (1)
32	249.42	106.28	Shut-In(1)
77	1085.00	104.07	End Shut-In(1)
77	243.88	103.84	Open To Flow (2)
121	472.65	105.94	Shut-In(2)
182	1070.03	106.44	End Shut-In(2)
185	1693.49	106.58	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
100.00	SOCM 5%O95%M	1.13
435.00	HO&WCM 25%O35%W40%M	6.10
310.00	GM&WCO 20%G15%M30%W35%O	4.35

Gas Rates

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

* Recovery from multiple tests



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FLUID SUMMARY

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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:	24000 ppm
Viscosity: 60.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.95 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 1500.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
100.00	SOCM 5%O95%M	1.129
435.00	HO&WCM 25%O35%W40%M	6.102
310.00	GM&WCO 20%G15%M30%W35%O	4.348

Total Length: 845.00 ft Total Volume: 11.579 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments: RW .28@70F

Pressure vs. Time

