



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Berexco LLC
2020 N Bramblewood
Wichita KS 67206-1094
ATTN: David Gould

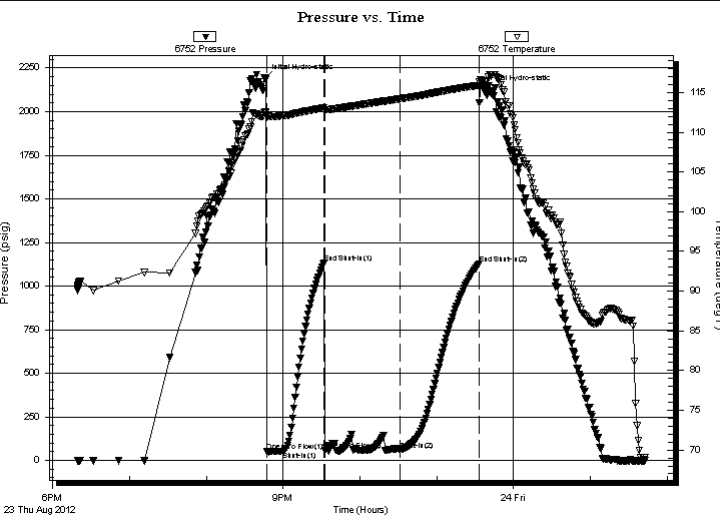
29-22-22 Hodgeman, Ks
Kay 1
Job Ticket: 49298 **DST#: 4**
Test Start: 2012.08.23 @ 18:19:26

GENERAL INFORMATION:

Formation: **Miss**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 20:47:26
Time Test Ended: 01:42:26
Interval: **4452.00 ft (KB) To 4548.00 ft (KB) (TVD)**
Total Depth: 4548.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good
Test Type: Conventional Bottom Hole (Reset)
Tester: Brian Fairbank
Unit No: 41
Reference Elevations: 2319.00 ft (KB)
2306.00 ft (CF)
KB to GR/CF: 13.00 ft

Serial #: 6752 Inside
Press @ Run Depth: 59.09 psig @ 4520.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2012.08.23 End Date: 2012.08.24 Last Calib.: 2012.08.24
Start Time: 18:19:27 End Time: 01:42:26 Time On Btm: 2012.08.23 @ 20:45:56
Time Off Btm: 2012.08.23 @ 23:36:26

TEST COMMENT: IFP - 1/2" dying blow throughout
ISI - no blow back
FFP - no blow
FSI - no blow back



PRESSURE SUMMARY			
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2188.35	112.50	Initial Hydro-static
2	50.26	112.16	Open To Flow (1)
14	52.18	112.06	Shut-In(1)
46	1133.08	113.05	End Shut-In(1)
47	55.79	112.85	Open To Flow (2)
106	59.09	114.18	Shut-In(2)
167	1126.88	115.89	End Shut-In(2)
171	2128.79	116.35	Final Hydro-static

Recovery		
Length (ft)	Description	Volume (bbl)
30.00	DRL MUD 100%	0.42

* Recovery from multiple tests

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



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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:	ppm
Viscosity: 46.00 sec/qt	Cushion Volume: bbl		
Water Loss: 10.79 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 4000.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
30.00	DRL MUD 100%	0.421

Total Length: 30.00 ft Total Volume: 0.421 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:

Pressure vs. Time

