



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Berexco, LLC
 2020 N. Bramblewood
 Wichita, KS 67206
 ATTN: Ryan White

22/1s/36w Rawlins KS
Michael #2-22
 Job Ticket: 55085 **DST#: 7**
 Test Start: 2013.09.18 @ 00:55:00

GENERAL INFORMATION:

Formation: **Pawnee**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 03:25:15
 Time Test Ended: 11:10:15
 Interval: **4425.00 ft (KB) To 4475.00 ft (KB) (TVD)**
 Total Depth: 4475.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: James Winder
 Unit No: 57
 Reference Elevations: 3142.00 ft (KB)
 3129.00 ft (CF)
 KB to GR/CF: 13.00 ft

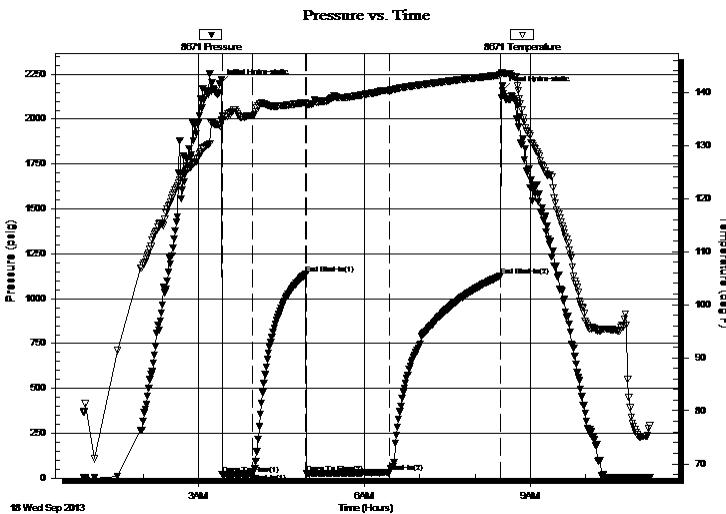
Serial #: 8671

Inside

Press @ Run Depth: 30.95 psig @ 4426.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2013.09.18 End Date: 2013.09.18 Last Calib.: 2013.09.18
 Start Time: 00:55:05 End Time: 11:10:15 Time On Btm: 2013.09.18 @ 03:23:00
 Time Off Btm: 2013.09.18 @ 08:29:45

TEST COMMENT: 30 - IF: 1/4" Blow at open, dead at 11 min.
 60 - IS: No blow back
 90 - FF: No blow
 120 FSI: No blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2198.40	133.85	Initial Hydro-static
3	19.68	134.71	Open To Flow (1)
36	25.01	135.54	Shut-In(1)
94	1136.82	138.07	End Shut-In(1)
94	24.96	137.68	Open To Flow (2)
185	30.95	140.34	Shut-In(2)
305	1125.28	143.19	End Shut-In(2)
307	2159.10	143.64	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
45.00	Mud 100% w /trace oil	0.22

* Recovery from multiple tests

Gas Rates

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



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FLUID SUMMARY

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DST#: 7

ATTN: Ryan White

Test Start: 2013.09.18 @ 00:55:00

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: 55.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 5.60 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
45.00	Mud 100% w/trace oil	0.221

Total Length: 45.00 ft Total Volume: 0.221 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

