



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Berexco LLC
 2020 N Bramblewood
 Wichita KS 67202
 ATTN: Bryan Bynog

19 1S 37W Cheyenne KS
Owens 3-19
 Job Ticket: 62802 **DST#: 5**
 Test Start: 2015.07.18 @ 17:05:00

GENERAL INFORMATION:

Formation: **Pawnee**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 19:45:00
 Time Test Ended: 01:39:30
 Interval: **4524.00 ft (KB) To 4560.00 ft (KB) (TVD)**
 Total Depth: 4560.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Robert Zodrow
 Unit No: 66
 Reference Elevations: 3196.00 ft (KB)
 3185.00 ft (CF)
 KB to GR/CF: 11.00 ft

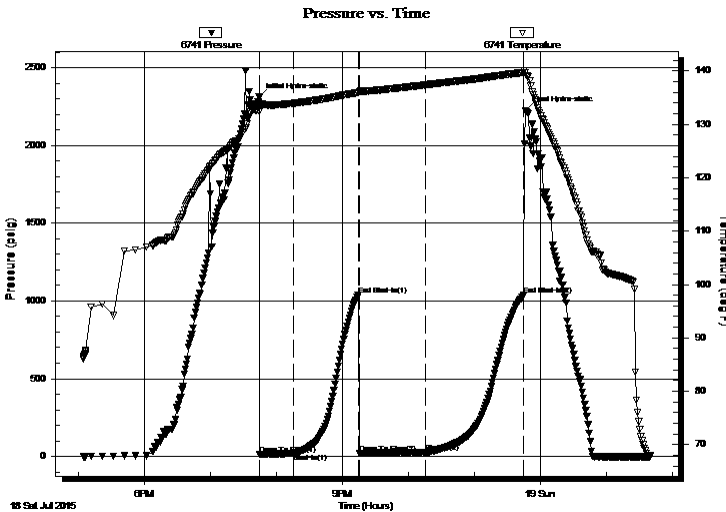
Serial #: 6741

Inside

Press @ Run Depth: 25.57 psig @ 4525.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2015.07.18 End Date: 2015.07.19 Last Calib.: 2015.07.19
 Start Time: 17:05:05 End Time: 01:39:30 Time On Btm: 2015.07.18 @ 19:44:30
 Time Off Btm: 2015.07.18 @ 23:46:30

TEST COMMENT: 30-ISI- Blow built to 1/4" died in 28 mins
 60-ISI- No return
 60-FF- No blow
 90-FSI- No return

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2311.82	133.25	Initial Hydro-static
1	13.59	132.45	Open To Flow (1)
31	18.88	133.95	Shut-In(1)
90	1037.73	135.96	End Shut-In(1)
91	19.10	136.21	Open To Flow (2)
151	25.57	137.40	Shut-In(2)
241	1037.82	139.73	End Shut-In(2)
242	2226.17	139.72	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	OCM 30%O 70%M	0.02

* 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: 60.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.80 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 1000.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	OCM 30%O 70%M	0.025

Total Length: 5.00 ft Total Volume: 0.025 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

