



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Berexco LLC
 2020 N. Bramblewood
 Wichita KS 67202
 ATTN: Pete Vollmer

.22-1s-36w Rawlins,KS
Michael #5-22
 Job Ticket: 55146 **DST#: 7**
 Test Start: 2013.11.01 @ 03:45:00

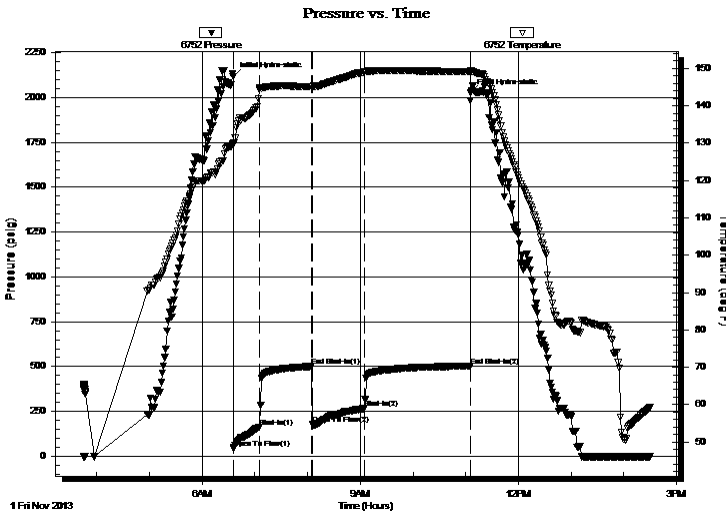
GENERAL INFORMATION:

Formation: **LKC " E "**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Reset)
 Time Tool Opened: 06:35:40 Tester: Ryan Nichols
 Time Test Ended: 14:30:00 Unit No: 41
 Interval: **4360.00 ft (KB) To 4416.00 ft (KB) (TVD)** Reference Elevations: 3265.00 ft (KB)
 Total Depth: 4416.00 ft (KB) (TVD) 3252.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Good KB to GR/CF: 13.00 ft

Serial #: 6752 Inside
 Press @ Run Depth: 266.81 psig @ 4397.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2013.11.01 End Date: 2013.11.01 Last Calib.: 2013.11.01
 Start Time: 03:45:01 End Time: 14:30:00 Time On Btm: 2013.11.01 @ 06:35:10
 Time Off Btm: 2013.11.01 @ 11:05:30

TEST COMMENT: 30 IF - 1/2" blow built to BoB @ 14 mins
 60 ISI - Surface blow started @ 1 min built to 2 1/2"
 60 FF - Surface blow built to BoB @ 18 mins
 120 FSI - Surface blow built to 4"

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2115.19	129.76	Initial Hydro-static
1	42.77	129.55	Open To Flow (1)
31	163.93	144.79	Shut-In(1)
90	500.74	145.10	End Shut-In(1)
91	177.91	145.15	Open To Flow (2)
150	266.81	149.06	Shut-In(2)
270	503.04	149.12	End Shut-In(2)
271	2024.34	149.37	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
270.00	GOCM - 15%G - 25%o - 60%M	1.33
360.00	GO - 30%G - 70%o	2.74
0.00	120 GIP	0.00

* 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

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Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

33.2 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 40.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.80 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 300.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
270.00	GOCM - 15%G - 25%o - 60%M	1.328
360.00	GO - 30%G - 70%o	2.736
0.00	120 GIP	0.000

Total Length: 630.00 ft Total Volume: 4.064 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: OIL API = 34 @ 68 DEG F = 33.2 COR 60 DEG F

