



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Berexco, LLC.

17-1S-37W Cheyenne, KS

2020 N Bramble od
Wichita, KS 67206

Vada B #1-17

Job Ticket: 51218

DST#: 4

ATTN: Bryan Bynog

Test Start: 2013.03.21 @ 18:39:00

GENERAL INFORMATION:

Formation: **Pawnee**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 21:42:45

Time Test Ended: 07:52:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Kevin Mack

Unit No: 43

Interval: 4562.00 ft (KB) To 4597.00 ft (KB) (TVD)

Reference Elevations: 3216.00 ft (KB)

Total Depth: 4597.00 ft (KB) (TVD)

3205.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 11.00 ft

Serial #: 6799 Inside

Press @ Run Depth: 399.41 psig @ 4563.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.03.21

End Date:

2013.03.22

Last Calib.:

2013.03.22

Start Time: 18:39:05

End Time:

07:52:00

Time On Btm:

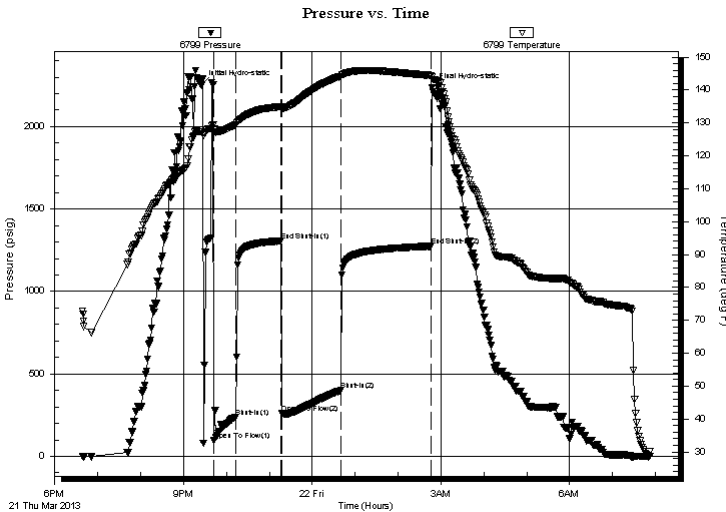
2013.03.21 @ 21:25:30

Time Off Btm:

2013.03.22 @ 02:47:15

TEST COMMENT: 30 - IF- BoB in 10 min.
60 - IS- Surface Return started at 1 min Built to 3"
90 - FF- BoB in 8 min.
120 - FS- Surface Return started at 30 sec. Built to 6 1/2"

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2252.25	127.28	Initial Hydro-static
18	97.24	128.12	Open To Flow (1)
48	239.06	129.51	Shut-In(1)
111	1305.60	134.93	End Shut-In(1)
112	260.34	134.47	Open To Flow (2)
195	399.41	144.19	Shut-In(2)
321	1274.49	144.45	End Shut-In(2)
322	2238.41	143.96	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
500.00	Clean Gassy Oil 80o 20G	2.46
528.00	MCO 60o 40M	6.55
0.00	2420' GIP	0.00

Gas Rates

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



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FLUID SUMMARY

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Job Ticket: 51218

DST#: 4

ATTN: Bryan Bynog

Test Start: 2013.03.21 @ 18:39:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

36 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 48.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.80 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 2600.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
500.00	Clean Gassy Oil 80o 20G	2.459
528.00	MCO 60o 40M	6.550
0.00	2420' GIP	0.000

Total Length: 1028.00 ft Total Volume: 9.009 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Oil API 38 @ 80 deg = 36 cor.

Pressure vs. Time

