



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Berexco LLC.

17-9s-21w Graham

2020 N. Bramblewood
Wichita, Ks. 67206+1094

Cooley # B-21

Job Ticket: 47257

DST#: 6

ATTN: Bryan Bynog

Test Start: 2012.04.10 @ 14:43:05

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 16:35:20

Time Test Ended: 22:03:29

Test Type: Conventional Bottom Hole (Reset)

Tester: Andy Carreira

Unit No: 39

Interval: 3782.00 ft (KB) To 3793.00 ft (KB) (TVD)

Reference Elevations: 2277.00 ft (KB)

Total Depth: 3793.00 ft (KB) (TVD)

2266.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 11.00 ft

Serial #: 8647 Outside

Press @ Run Depth: 47.43 psig @ 3783.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.04.10

End Date:

2012.04.10

Last Calib.:

2012.04.10

Start Time: 14:43:05

End Time:

22:03:29

Time On Btm:

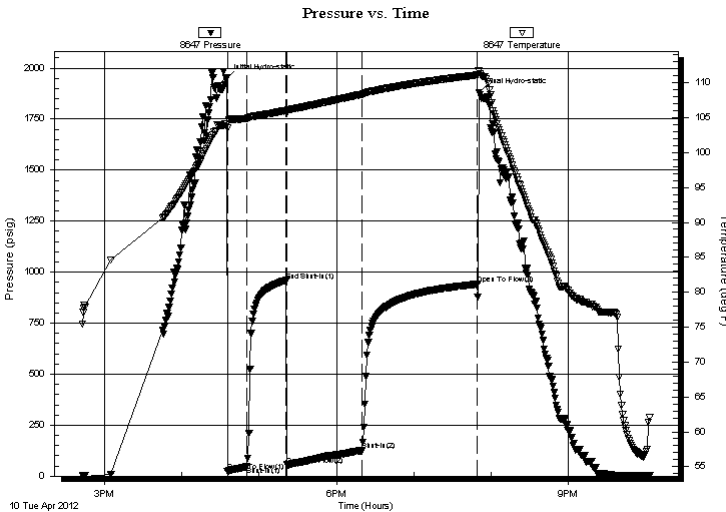
2012.04.10 @ 16:34:30

Time Off Btm:

2012.04.10 @ 19:50:29

TEST COMMENT: IF:(15min) 1.5" Blow
IS:(30min) No Return
FF:(60min) 1" Blow
FS:(90min) No Return

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1950.07	104.12	Initial Hydro-static
1	24.28	103.49	Open To Flow (1)
16	47.43	104.91	Shut-In(1)
47	958.77	106.04	End Shut-In(1)
48	54.96	106.02	Open To Flow (2)
106	124.73	108.35	Shut-In(2)
195	940.74	111.12	Open To Flow (3)
196	1880.58	111.78	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	OCWM o=10% w=40% m=50%	0.30
210.00	GO g=10% o=90%	1.03

* 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: 48.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.98 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2500.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	OCWM o=10% w=40% m=50%	0.295
210.00	GO g=10% o=90%	1.033

Total Length: 270.00 ft Total Volume: 1.328 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

