



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: 47252

DST#: 1

ATTN: Bryan Bynog

Test Start: 2012.04.07 @ 07:20:05

GENERAL INFORMATION:

Formation: **LKC"B"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 10:00:30

Time Test Ended: 15:31:59

Test Type: Conventional Bottom Hole (Initial)

Tester: Andy Carreira

Unit No: 39

Interval: 3490.00 ft (KB) To 3520.00 ft (KB) (TVD)

Reference Elevations: 2277.00 ft (KB)

Total Depth: 3520.00 ft (KB) (TVD)

ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: ft

Serial #: 8017

Inside

Press @ Run Depth: 147.97 psig @ 3491.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.04.07

End Date:

2012.04.07

Last Calib.:

2012.04.07

Start Time: 07:20:05

End Time:

15:31:59

Time On Btm:

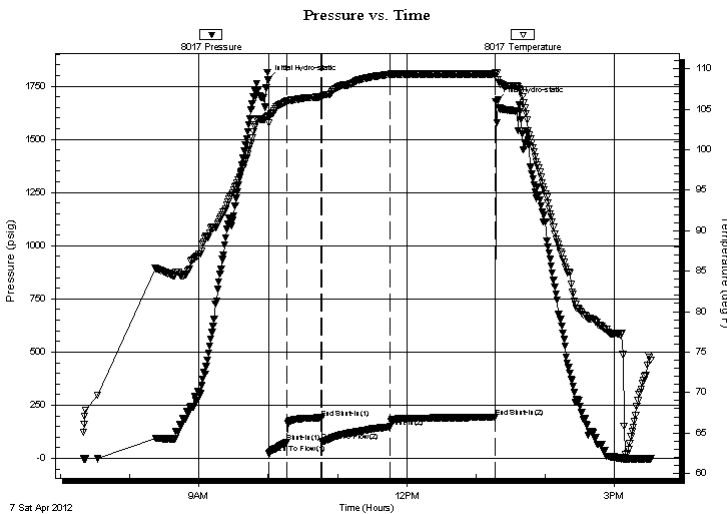
2012.04.07 @ 09:59:40

Time Off Btm:

2012.04.07 @ 13:16:59

TEST COMMENT: IF:(15min) 3" blow in 6 min. 4" in 15 min.
ISl:(30min) No Return
FF:(60min) 2" blow in 14 min. Decreased to 1" in 32 min.
FSl:(90min) No Return

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1781.62	104.13	Initial Hydro-static
1	21.92	103.31	Open To Flow (1)
17	74.41	106.03	Shut-In(1)
47	188.45	106.53	End Shut-In(1)
47	78.91	106.48	Open To Flow (2)
106	147.97	109.31	Shut-In(2)
197	192.58	109.35	End Shut-In(2)
198	1678.20	109.57	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
180.00	MW m=25% w=75%	0.89
90.00	OCWM o=5% w=35% m=60%	0.44

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Berexco LLC.

17-9s-21w Graham

2020 N. Bramblewood
Wichita, Ks. 67206+1094

Cooley # B-21

Job Ticket: 47252

DST#: 1

ATTN: Bryan Bynog

Test Start: 2012.04.07 @ 07:20:05

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: 49.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.60 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
180.00	MW m=25% w=75%	0.885
90.00	OCWM o=5% w=35% m=60%	0.443

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

