



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Berexco LLC

19 1S 37W Cheyenne KS

2020 N Bramblewood
Wichita KS 67202

Owens 3-19

Job Ticket: 65074

DST#: 2

ATTN: Bryan Bynog

Test Start: 2015.07.15 @ 18:40:00

GENERAL INFORMATION:

Formation: **LKC "B"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 20:53:00

Time Test Ended: 04:13:00

Test Type: Conventional Bottom Hole (Reset)

Tester: Robert Zodrow

Unit No: 66

Interval: 4160.00 ft (KB) To 4250.00 ft (KB) (TVD)

Reference Elevations: 3196.00 ft (KB)

Total Depth: 4250.00 ft (KB) (TVD)

3185.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 11.00 ft

Serial #: 6741

Inside

Press@RunDepth: 237.31 psig @ 4161.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2015.07.15

End Date:

2015.07.16

Last Calib.:

2015.07.16

Start Time: 18:40:05

End Time:

04:13:00

Time On Btm:

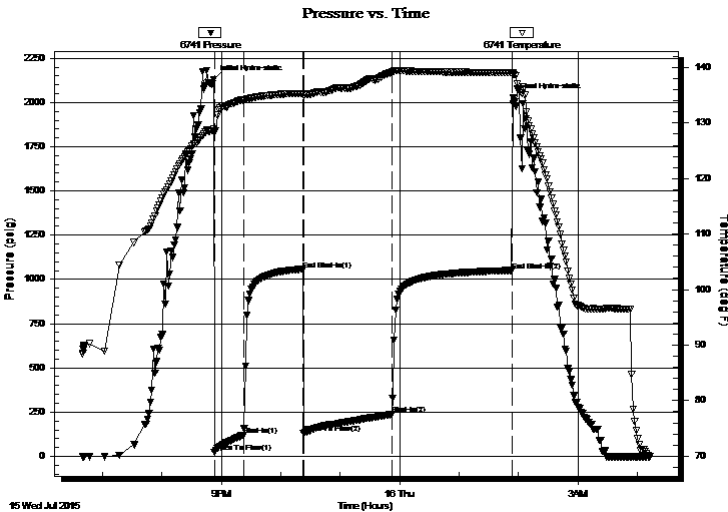
2015.07.15 @ 20:52:30

Time Off Btm:

2015.07.16 @ 01:55:00

TEST COMMENT: 30-IF- Bob in 24 mins
60-IS- Surface blow on return died in 54 mins
90-FF- Bob in 33 mins
120-FS- Return built to 8 1/4"

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2130.43	128.98	Initial Hydro-static
1	23.30	128.41	Open To Flow (1)
30	120.23	134.08	Shut-In(1)
90	1051.98	135.35	End Shut-In(1)
91	131.72	135.01	Open To Flow (2)
180	237.31	139.13	Shut-In(2)
301	1050.86	139.06	End Shut-In(2)
303	2025.77	138.83	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
230.00	GMCO 10%G 40%M 50%O	1.13
360.00	GO 20%G 80%O	3.59
0.00	GIP 380'	0.00

Gas Rates

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

* Recovery from multiple tests



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Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

28 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 58.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.40 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 800.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
230.00	GMCO 10%G 40%M 50%O	1.131
360.00	GO 20%G 80%O	3.586
0.00	GIP 380'	0.000

Total Length: 590.00 ft Total Volume: 4.717 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

