



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Berexco, LLC.

9-2N-37W Cheyenne, KS

2020 N Bramblewood
Wichita, KS 67206

Wilkens D #1-9

Job Ticket: 65204

DST#: 6

ATTN: Bryan Bynog

Test Start: 2015.08.02 @ 12:45:00

GENERAL INFORMATION:

Formation: **LKC "C-D"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 16:09:30

Time Test Ended: 23:23:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Kevin Mack

Unit No: 82

Interval: 4385.00 ft (KB) To 4510.00 ft (KB) (TVD)

Reference Elevations: 3377.00 ft (KB)

Total Depth: 4385.00 ft (KB) (TVD)

3366.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 11.00 ft

Serial #: 8653 Outside

Press @ Run Depth: 379.85 psig @ 4386.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2015.08.02

End Date:

2015.08.02

Last Calib.:

2015.08.02

Start Time: 12:46:00

End Time:

23:23:30

Time On Btm:

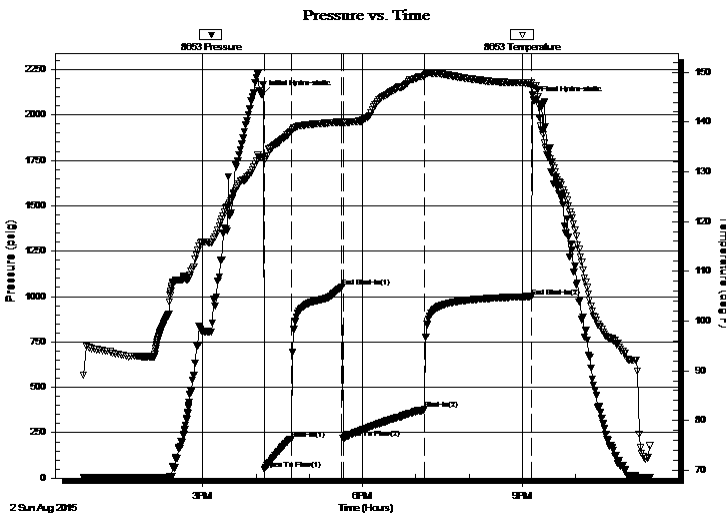
2015.08.02 @ 16:07:00

Time Off Btm:

2015.08.02 @ 21:13:30

TEST COMMENT: 30 - IF- BoB in 20 min.
60 - IS- No Return
90 - FF- BoB in 30 min.
120 - FS- No Return

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2110.81	132.96	Initial Hydro-static
3	46.82	132.34	Open To Flow (1)
33	215.58	138.08	Shut-In(1)
90	1052.00	140.01	End Shut-In(1)
91	220.59	139.76	Open To Flow (2)
183	379.85	149.30	Shut-In(2)
303	1000.42	147.82	End Shut-In(2)
307	2079.29	147.31	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	OSMW 10M 90W (oil spots)	0.59
180.00	OSMW 30M 70W (oil spots)	0.89
183.00	OSWM 30W 70M (oil spots)	1.59
189.00	OSWM 10W 90M (oil spots)	2.65
146.00	OCM 10o 90M	2.05

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:

22000 ppm

Viscosity: 69.00 sec/qt

Cushion Volume:

bbf

Water Loss: 6.00 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 bbf
120.00	OSMW 10M 90W (oil spots)	0.590
180.00	OSMW 30M 70W (oil spots)	0.885
183.00	OSWM 30W 70M (oil spots)	1.592
189.00	OSWM 10W 90M (oil spots)	2.651
146.00	OCM 10o 90M	2.048

Total Length: 818.00 ft

Total Volume: 7.766 bbf

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW .34 @ 75 deg = 22000ppm

Pressure vs. Time

