



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Culbreath Oil & Gas

1532 S Peoria Ave
Tulsa OK, 74120

ATTN: Anthony Luna

36-10s-30w Sheridan County

Mense # 1-36

Job Ticket: 58648

DST#: 1

Test Start: 2014.12.16 @ 15:28:00

GENERAL INFORMATION:

Formation: **LKC "B"**

Deviated: No Whipstock: 0.00 ft (KB)

Time Tool Opened: 17:34:30

Time Test Ended: 23:21:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Justin Harris

Unit No: 58

Interval: 4006.00 ft (KB) To 4024.00 ft (KB) (TVD)

Total Depth: 4024.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Poor

Reference Elevations: 2913.00 ft (KB)

2912.00 ft (CF)

KB to GR/CF: 1.00 ft

Serial #: 6625 Outside

Press @ Run Depth: 150.34 psig @ 4020.00 ft (KB)

Start Date: 2014.12.16

End Date: 2014.12.16

Start Time: 15:28:01

End Time: 23:21:30

Capacity: 8000.00 psig

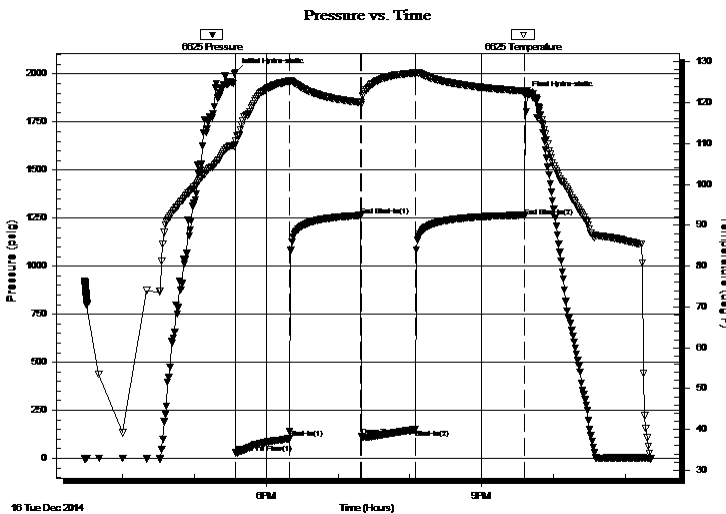
Last Calib.: 2014.12.16

Time On Btm: 2014.12.16 @ 17:34:00

Time Off Btm: 2014.12.16 @ 21:36:30

TEST COMMENT: 45: B.O.B in 44 mins.
60: No Return.
45: Weak surface blow build to 9"
90: No Return.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2008.47	109.73	Initial Hydro-static
1	28.21	110.60	Open To Flow (1)
45	102.70	125.30	Shut-In(1)
105	1264.16	120.09	End Shut-In(1)
106	112.50	119.57	Open To Flow (2)
151	150.34	127.29	Shut-In(2)
242	1259.42	122.83	End Shut-In(2)
243	1886.52	122.93	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
126.00	omcw 5o 40m 55w	0.65
126.00	omcw 10o 20m 70w	1.77
10.00	Clean oil	0.14

Gas Rates

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



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FLUID SUMMARY

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Mense # 1-36

Job Ticket: 58648

DST#: 1

ATTN: Anthony Luna

Test Start: 2014.12.16 @ 15:28:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

23 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

60000 ppm

Viscosity: 47.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.99 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 500.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
126.00	omcw 5o 40m 55w	0.652
126.00	omcw 10o 20m 70w	1.767
10.00	Clean oil	0.140

Total Length: 262.00 ft Total Volume: 2.559 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: API RW ..25 @ 27 F = 60000 Chlorides

