



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Culbreath Oil & Gas Co., Inc.

5/5S/35W

3501 S. Yale Ave.
Tulsa, Ok. 74135

Otis Dewey #1-4

Job Ticket: 62298

DST#: 2

ATTN: Anthony Luna

Test Start: 2015.06.23 @ 14:05:00

GENERAL INFORMATION:

Formation: **LKC "B"**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 16:14:30
 Time Test Ended: 20:08:00
 Interval: **4074.00 ft (KB) To 4103.00 ft (KB) (TVD)**
 Total Depth: 4103.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Brandon Quintana
 Unit No: 57
 Reference Elevations: 3159.00 ft (KB)
 3154.00 ft (CF)
 KB to GR/CF: 5.00 ft

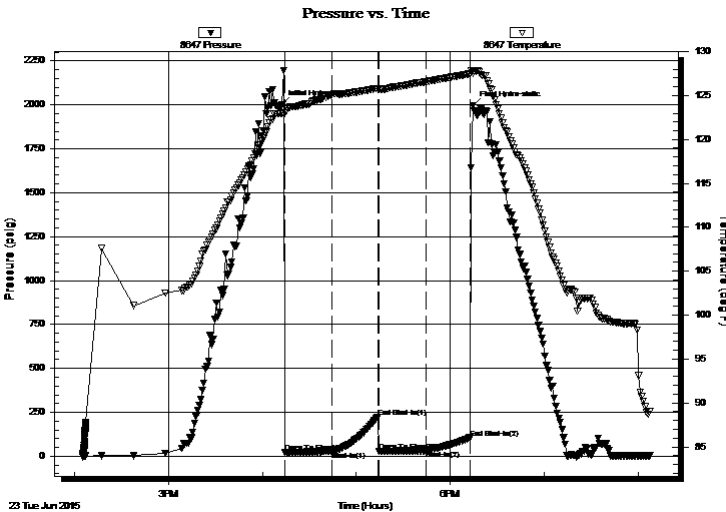
Serial #: 8647

Inside

Press@RunDepth: 32.92 psig @ 4075.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2015.06.23 End Date: 2015.06.23 Last Calib.: 2015.06.23
 Start Time: 14:05:01 End Time: 20:08:00 Time On Btm: 2015.06.23 @ 16:12:30
 Time Off Btm: 2015.06.23 @ 18:14:30

TEST COMMENT: 30 - IF - Opened w/ surface blow , didn't build
 30 - ISI - No Return
 30 - FF - No Blow
 30 - FSI - No Return

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1999.89	123.00	Initial Hydro-static
2	20.81	123.02	Open To Flow (1)
32	27.47	125.14	Shut-In(1)
61	224.07	125.82	End Shut-In(1)
62	29.37	125.82	Open To Flow (2)
92	32.92	126.58	Shut-In(2)
120	104.61	127.46	End Shut-In(2)
122	1994.21	127.55	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
15.00	OCM 70%M, 30%o	0.07

Gas Rates

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



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FLUID SUMMARY

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DST#: 2

ATTN: Anthony Luna

Test Start: 2015.06.23 @ 14:05:00

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: 51.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.99 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 600.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
15.00	OCM 70%M, 30%o	0.074

Total Length: 15.00 ft Total Volume: 0.074 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 8647

Inside

Culbreath Oil & Gas Co., Inc.

Oils Dewey #1-4

DST Test Number: 2

