



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

ATTN: Anthony Luna

Job Ticket: 65151

DST#: 5

Test Start: 2015.06.26 @ 11:17:00

GENERAL INFORMATION:

Formation: **Pawnee**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 13:28:30

Time Test Ended: 17:42:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Brandon Quintana

Unit No: 57

Interval: 4406.00 ft (KB) To 4438.00 ft (KB) (TVD)

Reference Elevations: 3159.00 ft (KB)

Total Depth: 4438.00 ft (KB) (TVD)

3154.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 8647

Inside

Press @ Run Depth: 32.58 psig @ 4407.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2015.06.26

End Date: 2015.06.26

Last Calib.: 2015.06.26

Start Time: 11:17:01

End Time: 17:42:30

Time On Btm: 2015.06.26 @ 13:25:30

Time Off Btm: 2015.06.26 @ 15:31:30

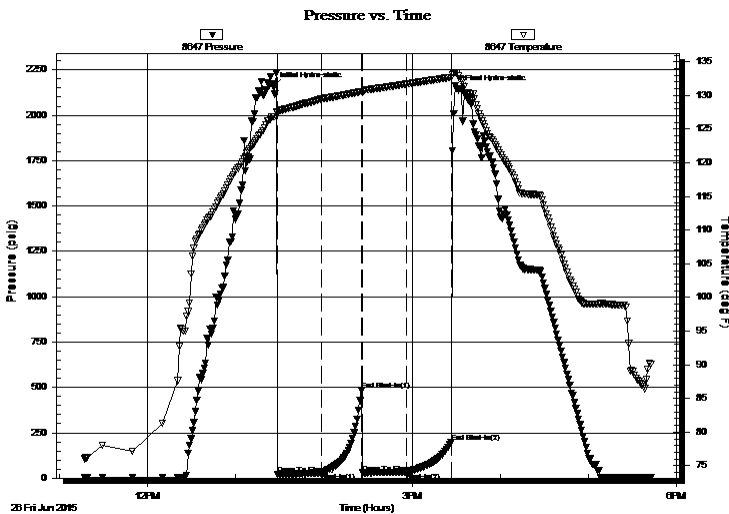
TEST COMMENT: 30 - IF - Opened w/ surface blow , built to just above surface

30 - ISI - No Return

30 - FF - No Blow

30 - FSI - No Return

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2159.13	126.84	Initial Hydro-static
3	21.16	127.45	Open To Flow (1)
33	31.42	129.52	Shut-In(1)
60	482.31	130.62	End Shut-In(1)
61	28.49	130.49	Open To Flow (2)
91	32.58	131.72	Shut-In(2)
121	199.08	132.72	End Shut-In(2)
126	2138.71	132.88	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	OCM 50% m, 50% o	0.05

Gas Rates

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



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FLUID SUMMARY

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Otis Dewey #1-4

Job Ticket: 65151

DST#: 5

ATTN: Anthony Luna

Test Start: 2015.06.26 @ 11:17:00

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: 57.00 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 bbbl
10.00	OCM 50% _m , 50% _o	0.049

Total Length: 10.00 ft Total Volume: 0.049 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: 60' GIP

Serial #: 8647

Inside

Culbreath Oil & Gas Co., Inc.

Olis Dewey #1-4

DST Test Number: 5

Pressure vs. Time

