



**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: 62300

DST#: 4

ATTN: Anthony Luna

Test Start: 2015.06.25 @ 17:50:00

GENERAL INFORMATION:

Formation: **Marmaton**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 19:37:30

Time Test Ended: 02:02:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Brandon Quintana

Unit No: 57

Interval: **4356.00 ft (KB) To 4390.00 ft (KB) (TVD)**

Reference Elevations: 3159.00 ft (KB)

Total Depth: 4390.00 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: 259.11 psig @ 4357.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2015.06.25

End Date:

2015.06.26

Last Calib.:

2015.06.26

Start Time: 17:50:01

End Time:

02:02:30

Time On Btm:

2015.06.25 @ 19:34:30

Time Off Btm:

2015.06.25 @ 22:39:30

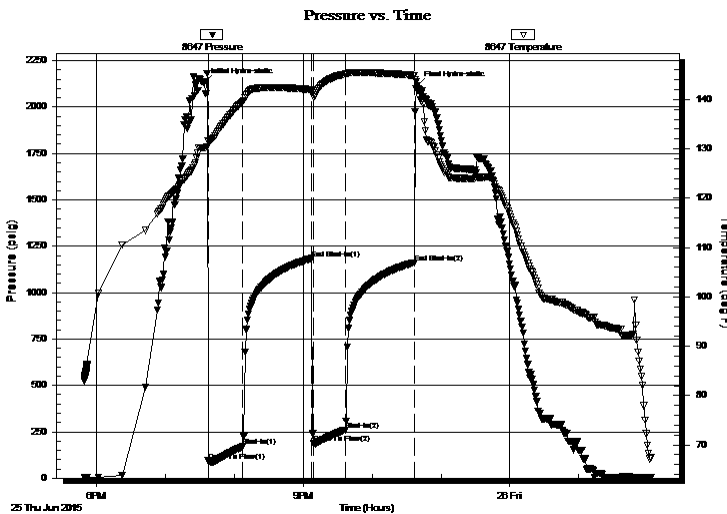
TEST COMMENT: 30 - IF - Opened w/ surface blow, built to B.o.B in 1 1/2 min.

30 - ISI - Return built to B.o.B in 14 1/2 min.

30 - FF - Blow built to B.o.B in 8 min.

30 - FSI - Return built to B.o.B in 10 min.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2133.26	130.27	Initial Hydro-static
3	93.38	131.55	Open To Flow (1)
33	169.47	139.59	Shut-In(1)
93	1183.74	142.00	End Shut-In(1)
95	186.79	140.46	Open To Flow (2)
122	259.11	145.14	Shut-In(2)
182	1161.56	144.88	End Shut-In(2)
185	2115.82	141.89	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
183.00	GOCM 45% _m , 40% _o , 15% _g	1.47
471.00	GO 75% _o , 25% _g	6.61

Gas Rates

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



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FLUID SUMMARY

Culbreath Oil & Gas Co., Inc.

5/5S/35W

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Tulsa, Ok. 74135

Otis Dewey #1-4

Job Ticket: 62300

DST#: 4

ATTN: Anthony Luna

Test Start: 2015.06.25 @ 17:50:00

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 59.00 sec/qt

Water Loss: 8.79 in³

Resistivity: ohm.m

Salinity: 600.00 ppm

Filter Cake: 1.00 inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API:

Water Salinity: deg API

ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
183.00	GOCM 45% _m , 40% _o , 15% _g	1.465
471.00	GO 75% _o , 25% _g	6.607

Total Length: 654.00 ft Total Volume: 8.072 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Gravity = 35 @ 80 Corrected = 37
1580' GIP

Serial #: 8647

Inside

Culbreath Oil & Gas Co., Inc.

Olis Dewey #1-4

DST Test Number: 4

Pressure vs. Time

