



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Culbreath oil & Gas CO INC

33 4 35 Rawlins KS

3501 S Yale AVE
Tulsa OK 74135

Dewey Trust 1-33 "B"

ATTN: Anthony Luna

Job Ticket: 60823

DST#: 2

Test Start: 2015.03.13 @ 15:45:00

GENERAL INFORMATION:

Formation: **Cherokee Lime**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 18:08:00

Time Test Ended: 22:08:30

Test Type: Conventional Bottom Hole (Reset)

Tester: Robert Zodrow

Unit No: 66

Interval: 4484.00 ft (KB) To 4514.00 ft (KB) (TVD)

Reference Elevations: 3145.00 ft (KB)

Total Depth: 4514.00 ft (KB) (TVD)

3140.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 6741

Inside

Press @ Run Depth: 15.06 psig @ 4485.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2015.03.13

End Date:

2015.03.13

Last Calib.:

2015.03.13

Start Time: 15:45:05

End Time:

22:08:29

Time On Btm:

2015.03.13 @ 18:07:30

Time Off Btm:

2015.03.13 @ 20:11:30

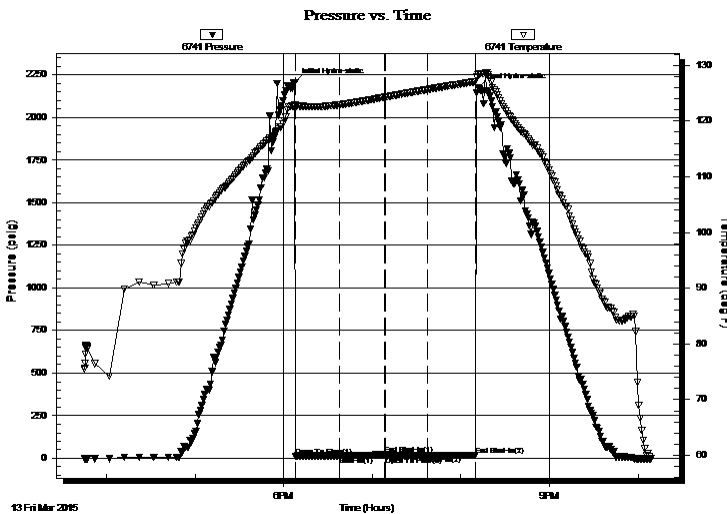
TEST COMMENT: 30-IF- Blow built to 1/8" died back to surface

30-ISI- No return

30-FF- No blow

30-FSI- No return

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2206.65	122.88	Initial Hydro-static
1	13.20	122.20	Open To Flow (1)
31	14.75	122.90	Shut-In(1)
61	21.79	124.27	End Shut-In(1)
62	13.66	124.29	Open To Flow (2)
90	15.06	125.64	Shut-In(2)
122	19.09	127.03	End Shut-In(2)
124	2177.32	128.30	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	MUD 100%M	0.02

Gas Rates

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

* Recovery from multiple tests



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FLUID SUMMARY

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ATTN: Anthony Luna

Test Start: 2015.03.13 @ 15:45:00

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: 49.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.20 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	MUD 100%M	0.025

Total Length: 5.00 ft Total Volume: 0.025 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 6741

Inside

Culbreath oil & Gas CO INC

Dewey Trust 1-33 "B"

DST Test Number: 2

