



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Culbeath Oil & GAS CO INC

**7 5 35 Rawlins KS**

3501 S Yale AVE  
Tulsa OK 74135

**Dewey Trust 2-7 A**

ATTN: Anthony Luna

Job Ticket: 65072

**DST#: 3**

Test Start: 2015.07.09 @ 22:34:00

## GENERAL INFORMATION:

Formation: **Cherokee LS**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:29:30

Time Test Ended: 04:43:30

Test Type: Conventional Bottom Hole (Reset)

Tester: Robert Zodrow

Unit No: 66

**Interval: 4570.00 ft (KB) To 4598.00 ft (KB) (TVD)**

Reference Elevations: 3246.00 ft (KB)

Total Depth: 4598.00 ft (KB) (TVD)

3241.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

**Serial #: 6741**

**Inside**

Press@RunDepth: 16.11 psig @ 4571.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2015.07.09

End Date:

2015.07.10

Last Calib.:

2015.07.10

Start Time:

22:34:05

End Time:

04:43:29

Time On Btm:

2015.07.10 @ 00:29:00

Time Off Btm:

2015.07.10 @ 02:31:00

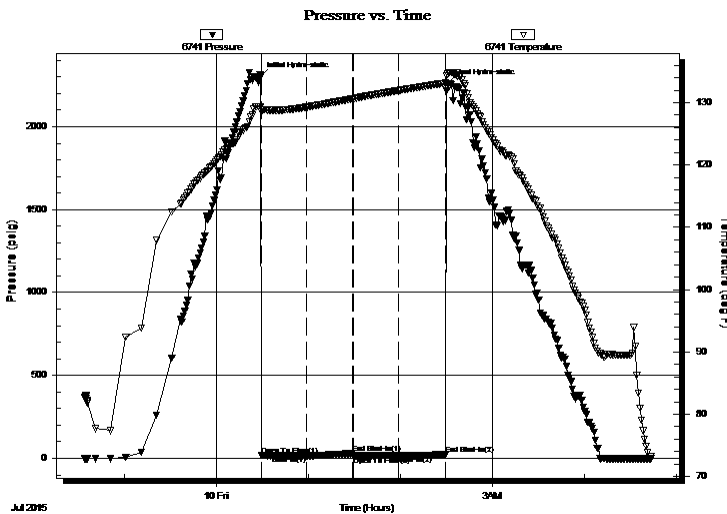
**TEST COMMENT:** 30-ISI- Blow built to 1/8" died in 29 mins

30-ISI- No return

30-FF- No blow

30-FSI- No return

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2304.83	129.25	Initial Hydro-static
1	18.28	128.48	Open To Flow (1)
30	15.48	129.26	Shut-In(1)
60	28.75	130.61	End Shut-In(1)
61	15.23	130.63	Open To Flow (2)
90	16.11	131.93	Shut-In(2)
121	22.20	133.13	End Shut-In(2)
122	2258.61	134.64	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
2.00	MUD 100%M	0.01

## Gas Rates

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

\* Recovery from multiple tests



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## FLUID SUMMARY

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### 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: 50.00 sec/qt

Cushion Volume: bbl

Water Loss: 8.78 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure: psig

Salinity: 500.00 ppm

Filter Cake: 1.00 inches

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
2.00	MUD 100%M	0.010

Total Length: 2.00 ft      Total Volume: 0.010 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 6741

Inside

Culbath Oil & GAS CO INC

Dewey Trust 2-7 A

DST Test Number: 3

