



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Culbreath Oil & Gas

35-4N-35W Rawlins KS

3501 S. Yale Ave
Tulsa OK 74135

Dewey Trust #1-35

ATTN: Anthony Luna

Job Ticket: 62776

DST#: 1

Test Start: 2015.08.06 @ 19:54:00

GENERAL INFORMATION:

Formation: **Cherokee LS**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 22:08:30

Time Test Ended: 02:31:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Ryan Nichols

Unit No: 78

Interval: 4488.00 ft (KB) To 4520.00 ft (KB) (TVD)

Reference Elevations: 3148.00 ft (KB)

Total Depth: 4520.00 ft (KB) (TVD)

3143.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

Serial #: 6752 Inside

Press @ Run Depth: 18.29 psig @ 4489.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2015.08.06

End Date:

2015.08.07

Last Calib.:

2015.08.07

Start Time: 19:54:01

End Time:

02:31:30

Time On Btm:

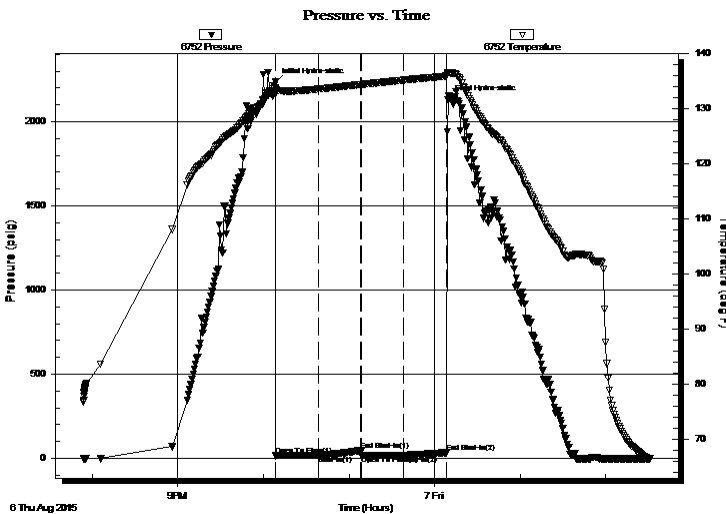
2015.08.06 @ 22:08:20

Time Off Btm:

2015.08.07 @ 00:09:30

TEST COMMENT: 30 IF - Surface blow
30 ISI - No return
30 FF - No blow
30 FSI - No return

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2235.10	133.68	Initial Hydro-static
1	15.78	132.47	Open To Flow (1)
31	17.39	133.51	Shut-In(1)
60	47.59	134.33	End Shut-In(1)
61	18.15	134.33	Open To Flow (2)
90	18.29	135.12	Shut-In(2)
121	33.12	135.87	End Shut-In(2)
122	2129.54	136.53	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
2.00	Mud 100%	0.01

Gas Rates

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



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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: 56.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.99 in³

Gas Cushion Type:

Resistivity: 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%	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 #: 6752

Inside

Culbreath Oil & Gas

Dewey Trust#1-35

DST Test Number: 1

