



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Culbreath Oil & Gas Inc.

1-5S-36W

3501 S. Yale
Tulsa Ok, 74135

Minney #1-1"A"

Job Ticket: 62182

DST#: 2

ATTN: Anthony Luna

Test Start: 2015.06.09 @ 10:57:00

GENERAL INFORMATION:

Formation: **Pawnee**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 13:31:15

Time Test Ended: 17:44:15

Test Type: Conventional Bottom Hole (Reset)

Tester: James Winder

Unit No: #54

Interval: 4410.00 ft (KB) To 4450.00 ft (KB) (TVD)

Reference Elevations: 3145.00 ft (KB)

Total Depth: 4450.00 ft (KB) (TVD)

3140.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 8368

Inside

Press@RunDepth: 24.14 psig @ 4411.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2015.06.09

End Date:

2015.06.09

Last Calib.:

2015.06.09

Start Time:

10:57:05

End Time:

17:44:14

Time On Btm:

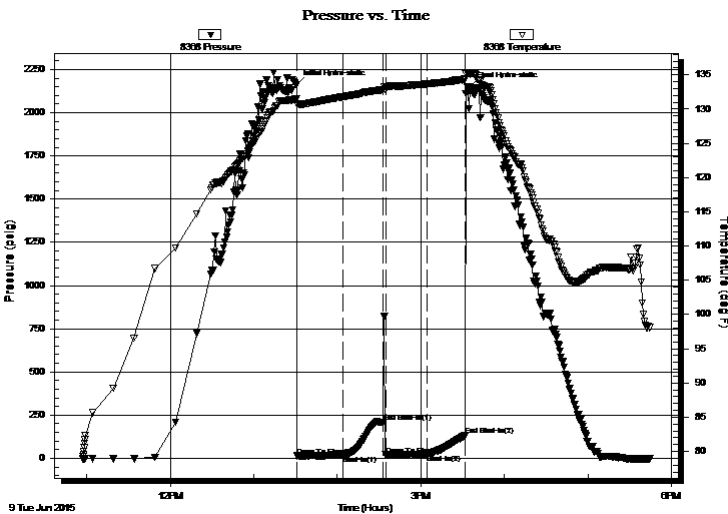
2015.06.09 @ 13:30:45

Time Off Btm:

2015.06.09 @ 15:35:00

TEST COMMENT: 30 - IF: Got head in around 5 min., No blow
30 - IS: No blow
30 - FF: No blow, flushed tool, Surge then dead
30 - FS: No blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2164.21	131.49	Initial Hydro-static
1	14.25	130.80	Open To Flow (1)
34	17.88	131.80	Shut-In(1)
63	207.68	132.84	End Shut-In(1)
64	20.14	133.12	Open To Flow (2)
94	24.14	133.67	Shut-In(2)
121	130.88	134.28	End Shut-In(2)
125	2152.41	135.13	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	OCM 61% m, 37% o, 2% g	0.05
0.00	a few inches of free oil	0.00
0.00	50' GIP	0.00

* Recovery from multiple tests

Gas Rates

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



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FLUID SUMMARY

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Minney #1-1"A"

Job Ticket: 62182

DST#: 2

ATTN: Anthony Luna

Test Start: 2015.06.09 @ 10:57:00

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: 54.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.97 in³

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 bbbl
10.00	OCM 61% _m , 37% _o , 2% _g	0.049
0.00	a few inches of free oil	0.000
0.00	50' GIP	0.000

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:

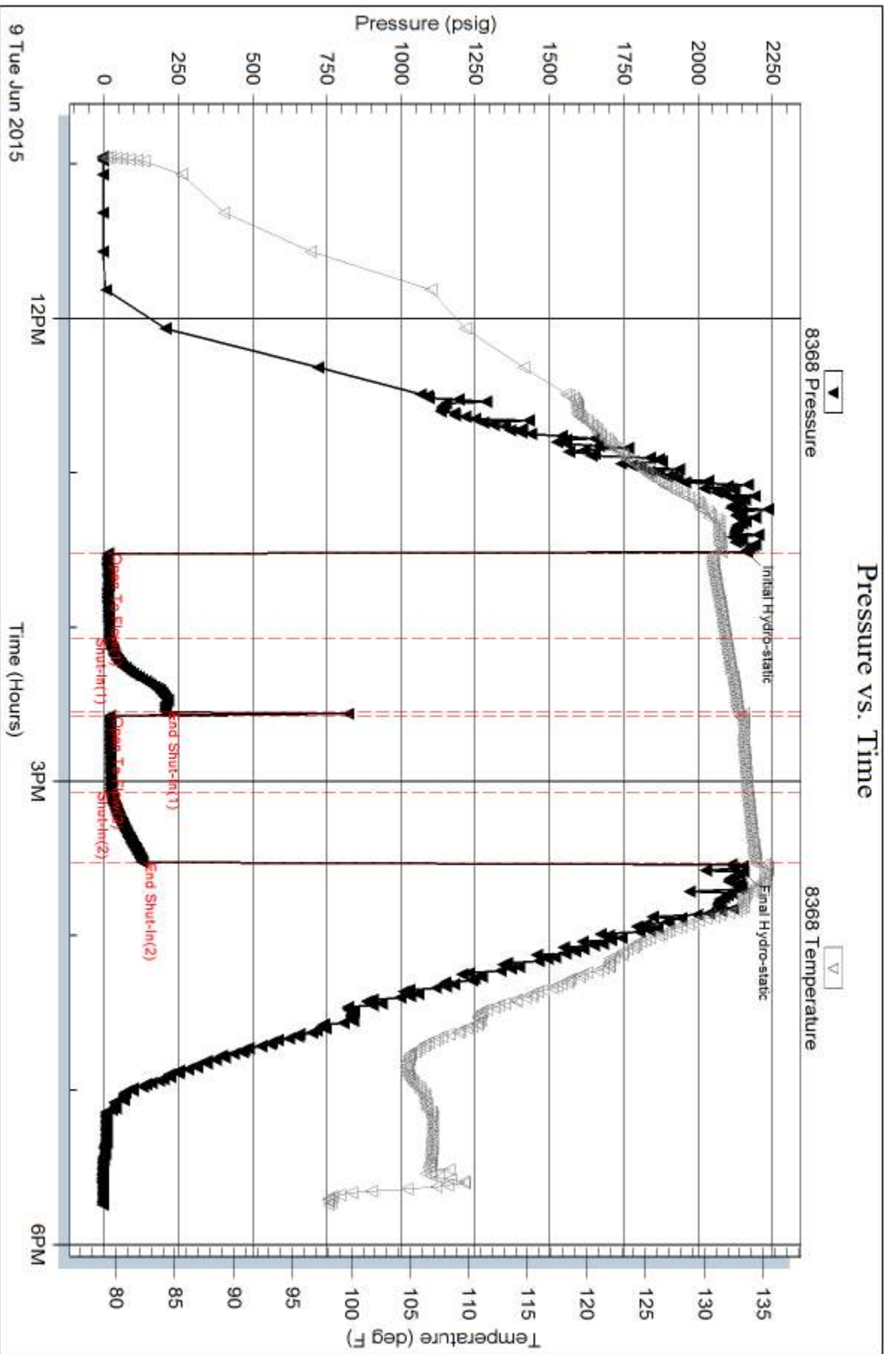
Serial #: 8368

Inside

Culbreath Oil & Gas Inc.

Minney #1-1"A"

DST Test Number: 2



Trilobite Testing, Inc

Ref. No: 62182

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