



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Culbreath oil & gas company Inc

32-10s-30w Sheridan County

1532 S Peoria Ave
Tulsa Ok, 74120

Baalman 1-32

Job Ticket: 58635

DST#: 1

ATTN: Anthery Luna

Test Start: 2014.11.30 @ 00:23:00

GENERAL INFORMATION:

Formation: **LKC "D"**

Deviated: No Whipstock: 0.00 ft (KB)

Time Tool Opened: 04:00:00

Time Test Ended: 11:42:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Justin Harris

Unit No: 58

Interval: 4065.00 ft (KB) To 4096.00 ft (KB) (TVD)

Reference Elevations: 2981.00 ft (KB)

Total Depth: 4096.00 ft (KB) (TVD)

2971.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Poor

KB to GR/CF: 10.00 ft

Serial #: 6625 Outside

Press @ RunDepth: 146.81 psig @ 4092.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.11.30

End Date: 2014.11.30

Last Calib.: 2014.11.30

Start Time: 00:23:01

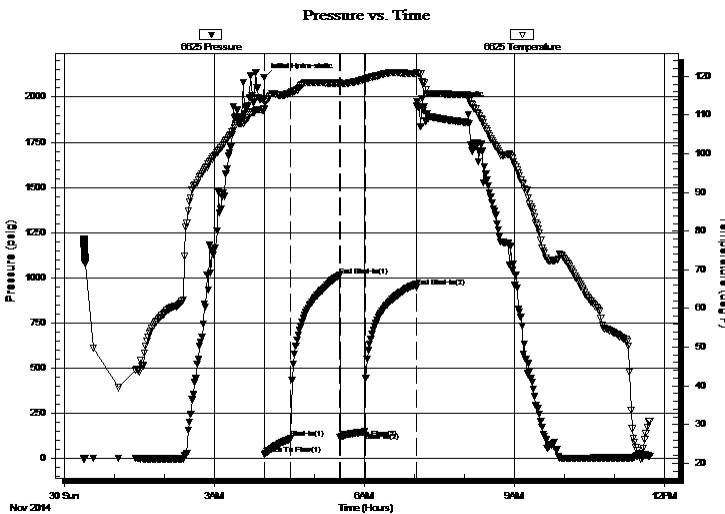
End Time: 11:42:00

Time On Btm: 2014.11.30 @ 03:59:30

Time Off Btm: 2014.11.30 @ 07:02:30

TEST COMMENT: 30: Weak Surface blow build to 5".
60: No Return.
30: Weak surface blow build to 4".
60: No Return.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2107.08	111.54	Initial Hydro-static
1	19.59	111.37	Open To Flow (1)
32	109.57	115.73	Shut-In(1)
91	1011.89	118.29	End Shut-In(1)
91	113.25	117.90	Open To Flow (2)
121	146.81	119.22	Shut-In(2)
183	946.38	120.65	End Shut-In(2)
183	1953.79	120.85	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
252.00	mcw	1.27
15.00	mocw	0.21
1.00	clean oil	0.01

Gas Rates

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



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Hole Diameter: 7.88 inches Hole Condition: Poor

Reference Elevations: 2981.00 ft (KB)

2971.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 8319

Press @ Run Depth: psig @ ft (KB)

Start Date: 2014.11.30 End Date: 2014.11.30

Start Time: 00:23:01 End Time: 11:42:30

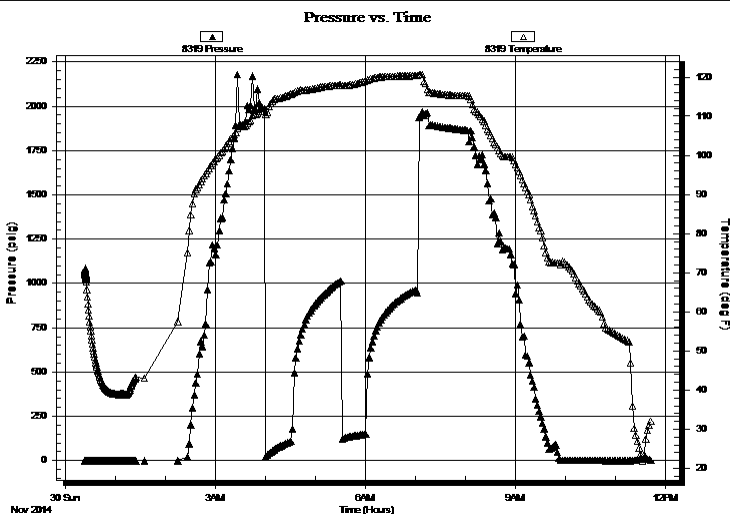
Capacity: 8000.00 psig

Last Calib.: 2014.11.30

Time On Btm:

Time Off Btm:

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PRESSURE SUMMARY

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Recovery

Length (ft)	Description	Volume (bbl)
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Gas Rates

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



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DRILL STEM TEST REPORT

FLUID SUMMARY

Culbreath oil & gas company Inc

32-10s-30w Sheridan County

1532 S Peoria Ave
Tulsa Ok, 74120

Baalman 1-32

Job Ticket: 58635

DST#: 1

ATTN: Anthery Luna

Test Start: 2014.11.30 @ 00:23:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

50000 ppm

Viscosity: 59.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.99 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
252.00	mcw	1.271
15.00	mocw	0.210
1.00	clean oil	0.014

Total Length: 268.00 ft Total Volume: 1.495 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: API .26 @ 33 F = 50000 chlorides

Pressure vs. Time

