



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Chaco Energy Company

21-13s-32w Logan county

P.O. Box. 1587
Denver Co, 80201

Scheetz 5-21

Job Ticket: 57491

DST#: 5

ATTN: Austin G.

Test Start: 2014.10.29 @ 18:06:00

GENERAL INFORMATION:

Formation: **St. Louis / miss.**

Deviated: No Whipstock: 0.00 ft (KB)

Time Tool Opened: 21:09:30

Time Test Ended: 02:08:00

Test Type: Conventional Bottom Hole (Reset)

Tester: Justin Harris

Unit No: 58

Interval: 4640.00 ft (KB) To 4692.00 ft (KB) (TVD)

Total Depth: 4692.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Poor

Reference Elevations: 3023.00 ft (KB)

3011.00 ft (CF)

KB to GR/CF: 12.00 ft

Serial #: 6625 Outside

Press @ Run Depth: 20.33 psig @ 4675.00 ft (KB)

Start Date: 2014.10.29

End Date:

2014.10.30

Start Time: 18:06:01

End Time:

02:08:00

Capacity: 8000.00 psig

Last Calib.: 2014.10.30

Time On Btm: 2014.10.29 @ 21:09:00

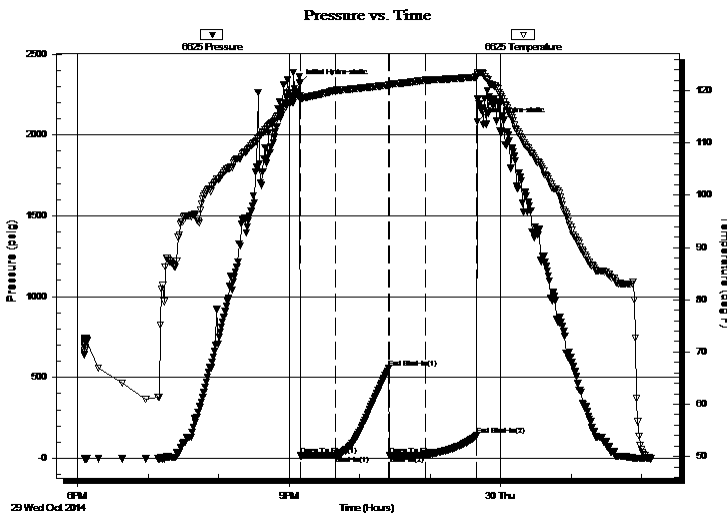
Time Off Btm: 2014.10.29 @ 23:40:00

TEST COMMENT: 30: Weak surface blow died in 10 mins.

45: No Return.

30: No Blow .

45: No Return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2319.97	118.99	Initial Hydro-static
1	16.36	118.64	Open To Flow (1)
31	19.50	120.09	Shut-In(1)
76	555.29	121.08	End Shut-In(1)
76	20.40	121.01	Open To Flow (2)
107	20.33	122.01	Shut-In(2)
151	140.50	122.64	End Shut-In(2)
151	2082.92	123.18	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	mud w ith oil spots	0.05

Gas Rates

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

* Recovery from multiple tests



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FLUID SUMMARY

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Test Start: 2014.10.29 @ 18:06:00

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:

0 ppm

Viscosity: 63.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.79 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	mud w ith oil spots	0.049

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:

