



**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: 57489

DST#: 3

ATTN: Austin G.

Test Start: 2014.10.28 @ 00:05:00

GENERAL INFORMATION:

Formation: **Ft. Scott**

Deviated: No Whipstock: 0.00 ft (KB)

Time Tool Opened: 03:37:30

Time Test Ended: 08:20:30

Test Type: Conventional Bottom Hole (Reset)

Tester: Justin Harris

Unit No: 58

Interval: 4488.00 ft (KB) To 4518.00 ft (KB) (TVD)

Reference Elevations: 3023.00 ft (KB)

Total Depth: 4518.00 ft (KB) (TVD)

3011.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Poor

KB to GR/CF: 12.00 ft

Serial #: 6625 Outside

Press@RunDepth: 16.52 psig @ 4489.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.10.28

End Date:

2014.10.28

Last Calib.: 2014.10.28

Start Time: 00:05:01

End Time:

08:20:30

Time On Btm: 2014.10.28 @ 03:37:00

Time Off Btm: 2014.10.28 @ 05:33:00

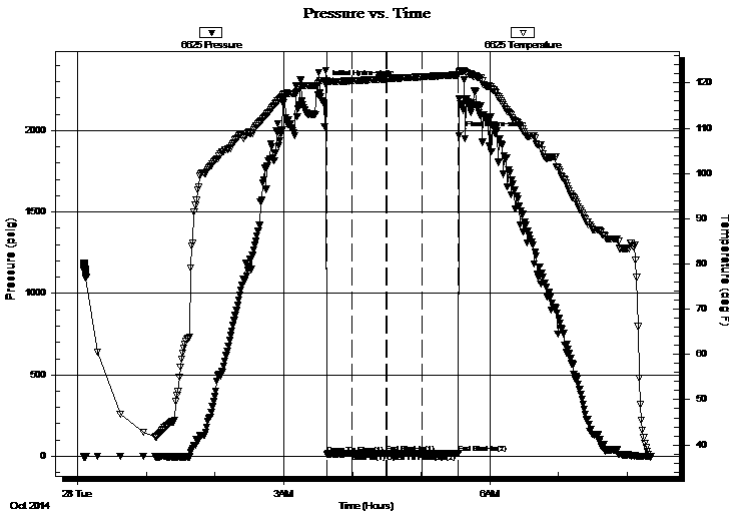
TEST COMMENT: 15: Weak surface blow died in 9 mins.

30: No Return.

30: No Blow .

30: No Return.

PRESSURE SUMMARY



| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 2280.66 | 120.61 | Initial Hydro-static |
| 1 | 14.70 | 120.22 | Open To Flow (1) |
| 23 | 16.75 | 120.49 | Shut-In(1) |
| 53 | 20.38 | 120.92 | End Shut-In(1) |
| 53 | 20.40 | 120.92 | Open To Flow (2) |
| 84 | 16.52 | 121.37 | Shut-In(2) |
| 116 | 17.94 | 121.80 | End Shut-In(2) |
| 116 | 1968.43 | 122.38 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|-------------|--------------|
| 5.00 | mud | 0.02 |
| | | |
| | | |
| | | |
| | | |

* Recovery from multiple tests

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:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 50.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.99 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 |
|--------------|-------------|---------------|
| 5.00 | mud | 0.025 |

Total Length: 5.00 ft Total Volume: 0.025 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

