



**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

Shelby Resources LLC

**18-18s-14w**

621 17th STE 1155  
Denver Co, 80293+1101

**Schneider Unit #1-18**

Job Ticket: 61863

**DST#: 3**

ATTN: Jeremy Schwartz/ Chr

Test Start: 2016.11.24 @ 04:02:00

## GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 05:46:15

Time Test Ended: 12:35:45

Test Type: Conventional Bottom Hole (Reset)

Tester: Spencer J. Staab

Unit No: 84

**Interval: 3454.00 ft (KB) To 3510.00 ft (KB) (TVD)**

Reference Elevations: 1948.00 ft (KB)

Total Depth: 3318.00 ft (KB) (TVD)

1937.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 11.00 ft

**Serial #: 8368**

**Inside**

Press@RunDepth: 1037.57 psig @ 3455.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2016.11.24

End Date:

2016.11.24

Last Calib.:

2016.11.24

Start Time: 04:02:15

End Time:

12:35:45

Time On Btm:

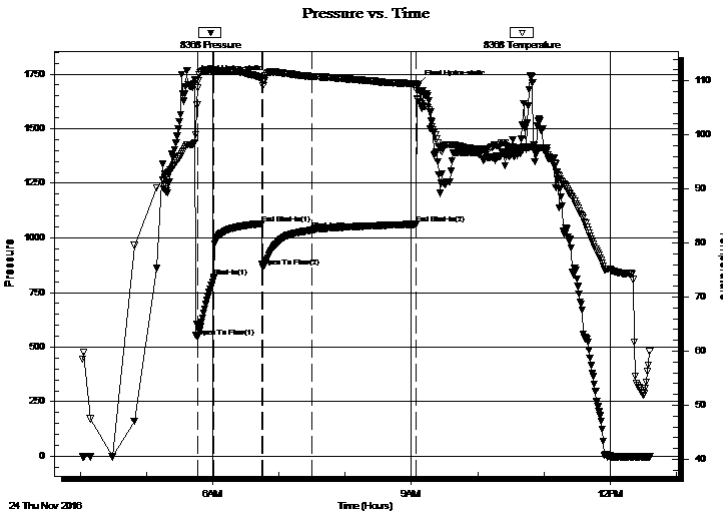
2016.11.24 @ 05:44:00

Time Off Btm:

2016.11.24 @ 09:05:30

**TEST COMMENT:** 15-IF-BOB in 20 seconds; gas to surface  
45-ISI-BOB in 10 minutes  
45-FF-BOB instantaneously; gas to surface  
90-FSI-Fair Blow ; Built to 4 inches

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1726.47	98.59	Initial Hydro-static
3	546.16	108.67	Open To Flow (1)
18	819.33	111.81	Shut-In(1)
61	1065.14	110.54	End Shut-In(1)
62	865.22	109.77	Open To Flow (2)
106	1037.57	110.76	Shut-In(2)
200	1062.24	109.44	End Shut-In(2)
202	1699.67	106.73	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
2881.00	CGO 10%G 90% O	38.44

\* Recovery from multiple tests

## Gas Rates

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



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Total Depth: 3318.00 ft (KB) (TVD)

1937.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 11.00 ft

**Serial #: 9120 Outside**

Press@RunDepth:                    psig @ 3455.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2016.11.24 End Date: 2016.11.24

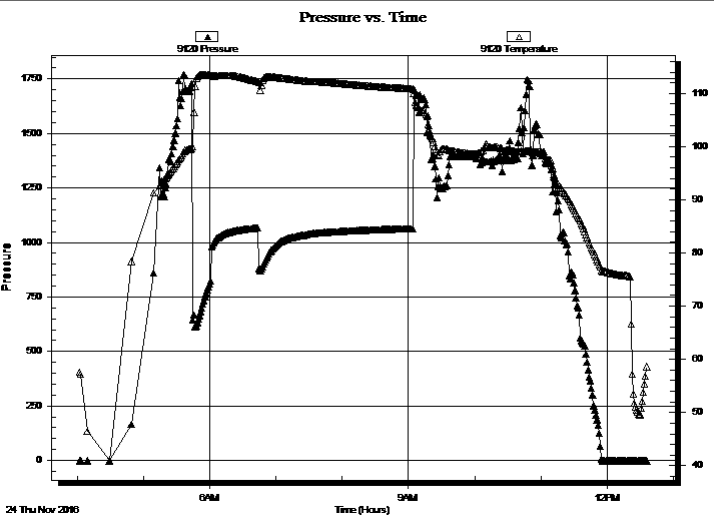
Last Calib.: 2016.11.24

Start Time: 04:02:15 End Time: 12:35:45

Time On Btm:

Time Off Btm:

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TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Shelby Resources LLC

**18-18s-14w**

621 17th STE 1155  
Denver Co, 80293+1101

**Schneider Unit #1-18**

Job Ticket: 61863

**DST#: 3**

ATTN: Jeremy Schwartz/ Chr

Test Start: 2016.11.24 @ 04:02:00

## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

35 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 58.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.80 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4000.00 ppm

Filter Cake: inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
2881.00	CGO 10%G 90% O	38.436

Total Length: 2881.00 ft      Total Volume: 38.436 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: reversed oil out to tank truck

### Pressure vs. Time

