



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Pioneer Resources Inc.

**23-19s-31w Scott Co KS**

80 Windmill Dr.  
Phillipsburg KS  
67661  
ATTN: Jason Alm

**Suppes #7**

Job Ticket: 65132

**DST#: 1**

Test Start: 2019.04.08 @ 04:25:15

## GENERAL INFORMATION:

Formation: **Pawnee**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 06:31:45

Time Test Ended: 10:18:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Mike Roberts

Unit No: 81

**Interval: 4475.00 ft (KB) To 4510.00 ft (KB) (TVD)**

Reference Elevations: 2954.00 ft (KB)

Total Depth: 4510.00 ft (KB) (TVD)

2946.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

**Serial #: 8521**

**Inside**

Press@RunDepth: 20.63 psig @ 4476.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2019.04.08

End Date:

2019.04.08

Last Calib.:

2019.04.08

Start Time:

04:25:15

End Time:

10:18:00

Time On Btm:

2019.04.08 @ 06:31:15

Time Off Btm:

2019.04.08 @ 08:34:00

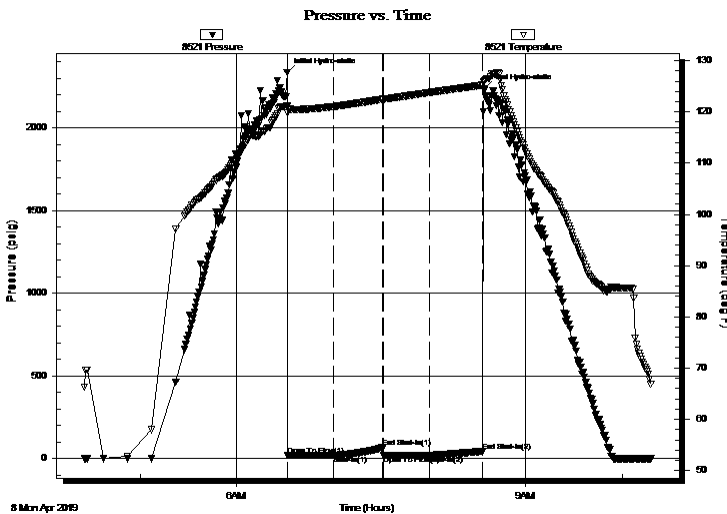
**TEST COMMENT:** IF: Built to 3/4" and died to 1/2" blow

IS: No return blow

FF: No blow

FS: No return blow

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2335.43	121.11	Initial Hydro-static
1	18.23	119.82	Open To Flow (1)
29	19.62	121.04	Shut-In(1)
60	66.06	122.48	End Shut-In(1)
60	19.63	122.44	Open To Flow (2)
89	20.63	123.78	Shut-In(2)
122	40.78	125.22	End Shut-In(2)
123	2235.20	125.97	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
2.00	mud with oil spots	0.01

## Gas Rates

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





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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: 47.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.98 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3500.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
2.00	mud w ith oil spots	0.010

Total Length: 2.00 ft      Total Volume: 0.010 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

### Pressure vs. Time

