



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Pollok Energy, LLC
 501 North 4th
 P.O. Box 106
 Purcell, OK 73080
 ATTN: Maggie Fredrickson

29/28S/8W Kingman, KS

Bock #1-29

Job Ticket: 62009 **DST#: 2**
 Test Start: 2017.10.25 @ 16:03:00

GENERAL INFORMATION:

Formation: **Mississippian**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 17:59:20
 Time Test Ended: 00:42:40
 Interval: **4110.00 ft (KB) To 4174.00 ft (KB) (TVD)**
 Total Depth: 4174.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Jimmy Ricketts
 Unit No: 80
 Reference Elevations: 1637.00 ft (KB)
 1629.00 ft (CF)
 KB to GR/CF: 8.00 ft

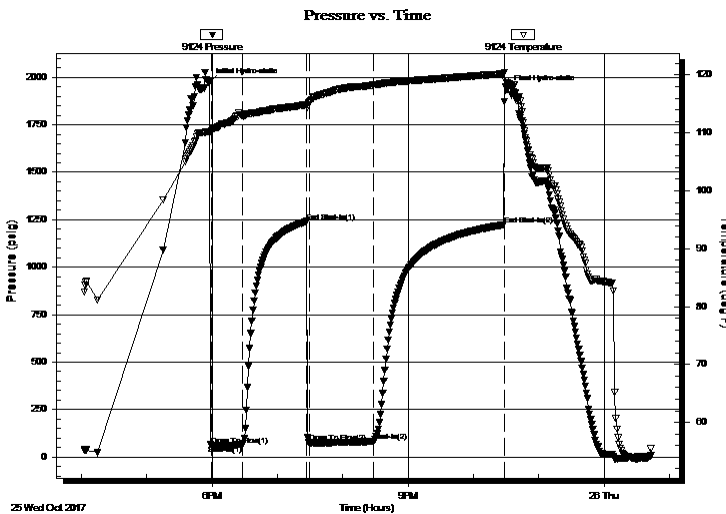
Serial #: 9124

Inside

Press@RunDepth: 82.16 psig @ 4111.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2017.10.25 End Date: 2017.10.26 Last Calib.: 1899.12.30
 Start Time: 16:03:05 End Time: 00:42:40 Time On Btm: 2017.10.25 @ 17:57:10
 Time Off Btm: 2017.10.25 @ 22:31:09

TEST COMMENT: IF - Weak blow building to 2 inches during initial flow period.
 FF - Weak blow building to 2 inches during final flow period.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1973.20	110.17	Initial Hydro-static
3	63.48	110.30	Open To Flow (1)
31	62.65	112.94	Shut-In(1)
90	1241.16	114.88	End Shut-In(1)
92	76.15	115.28	Open To Flow (2)
151	82.16	118.26	Shut-In(2)
271	1223.40	120.20	End Shut-In(2)
274	1935.30	118.71	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
75.00	Water cut mud 18% W & 88% M	1.05

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Pollok Energy, LLC

29/28S/8W Kingman, KS

501 North 4th
P.O. Box 106
Purcell, OK 73080
ATTN: Maggie Fredrickson

Bock #1-29

Job Ticket: 62009

DST#: 2

Test Start: 2017.10.25 @ 16:03:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

25000 ppm

Viscosity: 52.00 sec/qt

Cushion Volume:

bbf

Water Loss: 9.19 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 6000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
75.00	Water cut mud 18% W & 88% M	1.052

Total Length: 75.00 ft Total Volume: 1.052 bbf

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

GAS RATES

Pollok Energy, LLC

29/28S/8W Kingman, KS

501 North 4th
P.O. Box 106
Purcell, OK 73080
ATTN: Maggie Fredrickson

Block #1-29

Job Ticket: 62009

DST#: 2

Test Start: 2017.10.25 @ 16:03:00

Gas Rates Information

Temperature: 59 (deg F)
Relative Density: 0.65
Z Factor: 0.8

Gas Rates Table

Flow Period	Elapsed Time	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
		0.00	0.00	0.00