



**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: 62008

DST#: 1

Test Start: 2017.10.24 @ 03:25:00

GENERAL INFORMATION:

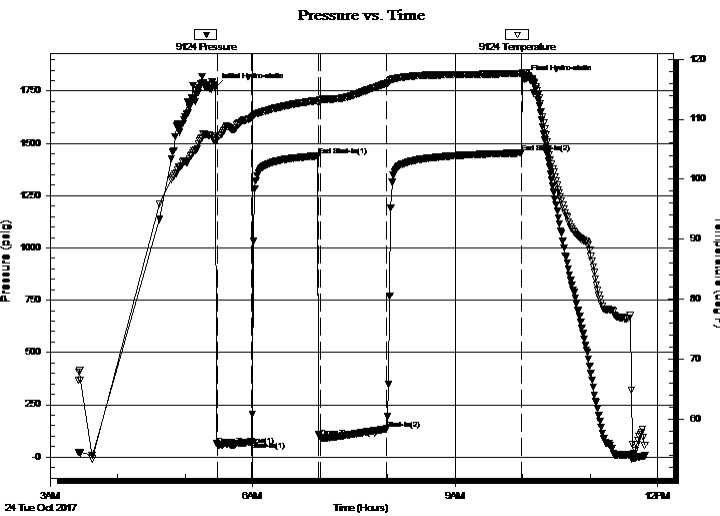
Formation: **Hertha**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 05:28:50
Time Test Ended: 11:48:50
Interval: **3818.00 ft (KB) To 3845.00 ft (KB) (TVD)**
Total Depth: 3845.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair
Test Type: Conventional Bottom Hole (Initial)
Tester: Jimmy 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: 133.42 psig @ 3819.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2017.10.24 End Date: 2017.10.24 Last Calib.: 2017.10.24
Start Time: 03:25:05 End Time: 11:48:50 Time On Btm: 2017.10.24 @ 05:26:30
Time Off Btm: 2017.10.24 @ 10:01:39

TEST COMMENT: IF - Weak blow building to 7 inches during initial flow period.
FF - Weak blow building to 8 inches during final flow period.



PRESSURE SUMMARY

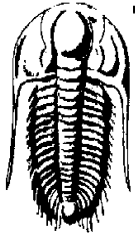
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1767.41	106.43	Initial Hydro-static
3	57.96	106.87	Open To Flow (1)
33	72.95	110.20	Shut-In(1)
92	1440.32	113.13	End Shut-In(1)
94	94.40	113.18	Open To Flow (2)
153	133.42	115.95	Shut-In(2)
273	1453.60	117.63	End Shut-In(2)
276	1805.63	117.70	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
150.00	Heavy mud cut w ater 72%W & 28%M	2.10

Gas Rates

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



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Bock #1-29

Job Ticket: 62008

DST#: 1

Test Start: 2017.10.24 @ 03:25:00

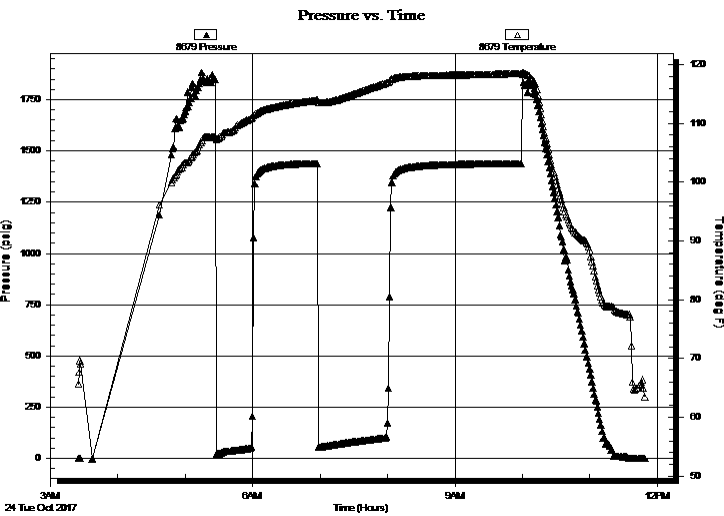
GENERAL INFORMATION:

Formation: **Hertha**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 05:28:50
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Interval: 3818.00 ft (KB) To 3845.00 ft (KB) (TVD)
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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 #: 8679 Outside

Press@RunDepth: psig @ 3819.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2017.10.24 End Date: 2017.10.24 Last Calib.: 1899.12.30
Start Time: 03:25:05 End Time: 11:48:50 Time On Btm:
Time Off Btm:

TEST COMMENT: IF - Weak blow building to 7 inches during initial flow period.
FF - Weak blow building to 8 inches during final flow period.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
150.00	Heavy mud cut w ater 72%W & 28%M	2.10

Gas Rates

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



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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: 62008

DST#: 1

Test Start: 2017.10.24 @ 03:25:00

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:

66000 ppm

Viscosity: 42.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.59 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 7000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
150.00	Heavy mud cut w ater 72%W & 28%M	2.104

Total Length: 150.00 ft Total Volume: 2.104 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

