



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Berexco LLC

16/8S/23W/Graham

2020 N Bramblewood
Wichita, Kansas
67206+1094
ATTN: Bryan Bynog

Bar B #1

Job Ticket: 64787

DST#: 4

Test Start: 2017.06.09 @ 22:27:00

GENERAL INFORMATION:

Formation: **Lansing/KansasCity z**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 01:12:00

Time Test Ended: 07:15:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Ken Swinney

Unit No: 72 Hays/126

Interval: 3530.00 ft (KB) To 3605.00 ft (KB) (TVD)

Reference Elevations: 2181.00 ft (KB)

Total Depth: 3605.00 ft (KB) (TVD)

2173.00 ft (CF)

Hole Diameter: 7.80 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

Serial #: 8354

Inside

Press@RunDepth: 276.86 psig @ 3601.26 ft (KB)

Capacity: 8000.00 psig

Start Date: 2017.06.09

End Date:

2017.06.10

Last Calib.:

2017.06.10

Start Time:

22:27:05

End Time:

07:15:30

Time On Btm:

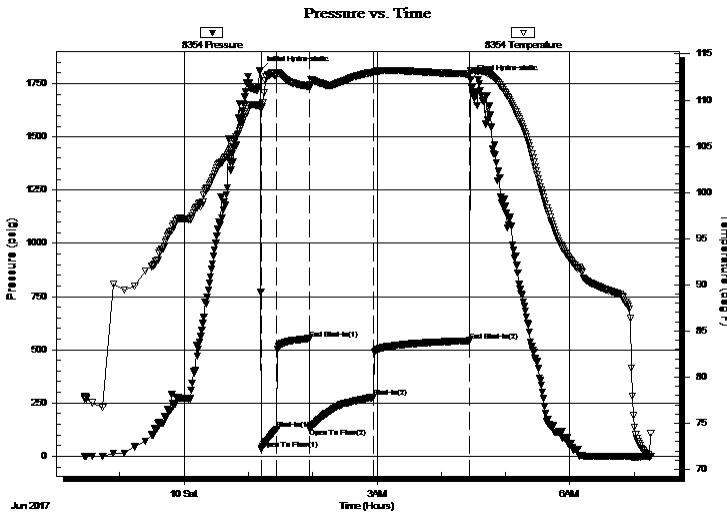
2017.06.10 @ 01:11:00

Time Off Btm:

2017.06.10 @ 04:27:30

TEST COMMENT: I.F. 15 Minutes/ Blow built to 11 inches
I.S.I. 30 Minutes/ No blow back
F.F. 60 Minutes/ Blow built to BOB in 34 minutes
F.S.I. 90 Minutes/ No blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1812.15	109.50	Initial Hydro-static
1	32.71	109.09	Open To Flow (1)
16	125.63	112.75	Shut-In(1)
46	552.21	111.51	End Shut-In(1)
46	132.17	111.29	Open To Flow (2)
106	276.86	113.00	Shut-In(2)
196	542.46	112.83	End Shut-In(2)
197	1768.78	113.18	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
480.00	Gas&Oil cut Muddy Water	2.36
0.00	Gas 10% Oil 10% Mud 40% Water 40%	0.00
120.00	Gas&Oil cut Muddy Water	1.27
0.00	Gas 5% Oil 10% Mud 25% Water 60%	0.00

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
Mud Weight: 9.00 lb/gal
Viscosity: 52.00 sec/qt
Water Loss: 7.59 in³
Resistivity: ohm.m
Salinity: 1000.00 ppm
Filter Cake: 1.00 inches

Cushion Type:
Cushion Length: ft
Cushion Volume: bbl
Gas Cushion Type:
Gas Cushion Pressure: psig

Oil API: deg API
Water Salinity: 21000 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
480.00	Gas&Oil cut Muddy Water	2.361
0.00	Gas 10% Oil 10% Mud 40% Water 40%	0.000
120.00	Gas&Oil cut Muddy Water	1.273
0.00	Gas 5% Oil 10% Mud 25% Water 60%	0.000

Total Length: 600.00 ft Total Volume: 3.634 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments: Recovery Resistivity .30 ohms @ 72 deg