



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Falcon Exploration
125 N Market Ste 1252
Wichita, KS 67202
ATTN: Keith Reavis

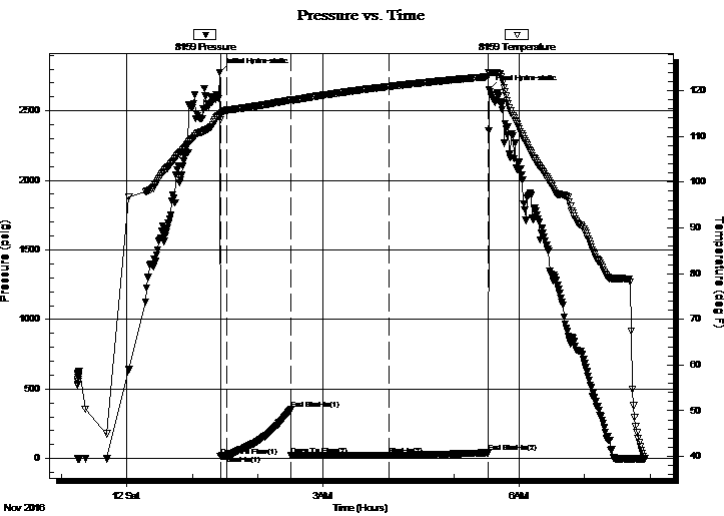
36-28S-31W Haskell
R&L Farms 1-36
Job Ticket: 57969 **DST#: 1**
Test Start: 2016.11.11 @ 23:14:45

GENERAL INFORMATION:

Formation: **ST. LOUIS**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 01:25:45
Time Test Ended: 07:55:15
Interval: **5420.00 ft (KB) To 5455.00 ft (KB) (TVD)**
Total Depth: 3455.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good
Test Type: Conventional Bottom Hole (Initial)
Tester: Leal Cason
Unit No: 74
Reference Elevations: 2851.00 ft (KB)
2840.00 ft (CF)
KB to GR/CF: 11.00 ft

Serial #: 8159 Inside
Press@RunDepth: 21.59 psig @ 5421.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2016.11.11 End Date: 2016.11.12 Last Calib.: 2016.11.12
Start Time: 23:14:46 End Time: 07:55:15 Time On Btm: 2016.11.12 @ 01:25:00
Time Off Btm: 2016.11.12 @ 05:32:30

TEST COMMENT: IF: Weak 1/2 inch Blow
IS: No Blow Back
FF: Weak Surface Blow, Dead @ 38 minutes
FS: No Blow Back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2776.52	114.79	Initial Hydro-static
1	17.74	113.59	Open To Flow (1)
7	21.64	115.72	Shut-In(1)
66	351.11	117.95	End Shut-In(1)
66	20.51	117.82	Open To Flow (2)
155	21.59	120.91	Shut-In(2)
247	41.61	123.06	End Shut-In(2)
248	2652.69	123.92	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
2.00	Mud	0.01

Gas Rates

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



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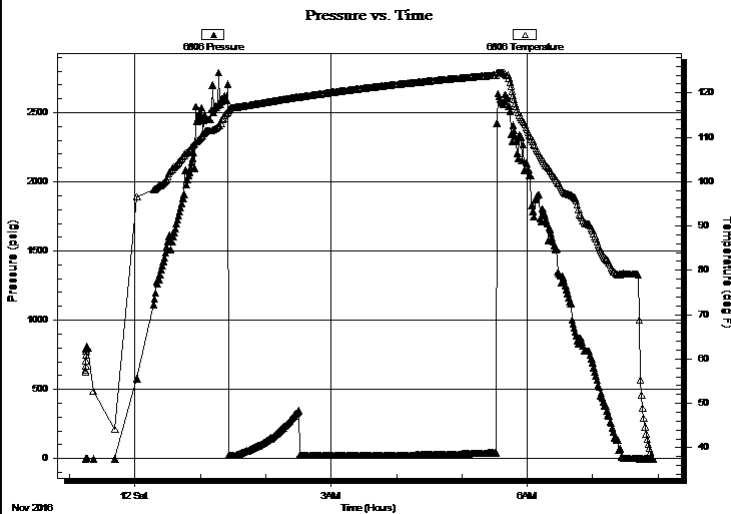
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Interval: 5420.00 ft (KB) To 5455.00 ft (KB) (TVD) Reference Elevations: 2851.00 ft (KB)
Total Depth: 3455.00 ft (KB) (TVD) 2840.00 ft (CF)
Hole Diameter: 7.88 inches Hole Condition: Good KB to GR/CF: 11.00 ft

Serial #: 6806 Outside
Press@RunDepth: psig @ 5421.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2016.11.11 End Date: 2016.11.12 Last Calib.: 2016.11.12
Start Time: 23:14:46 End Time: 07:55:30 Time On Btm:
Time Off Btm:

TEST COMMENT: IF: Weak 1/2 inch Blow
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PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
2.00	Mud	0.01

Gas Rates

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



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FLUID SUMMARY

Falcon Exploration

36-28S-31W Haskell

125 N Market Ste 1252
Wichita, KS 67202

R&L Farms 1-36

Job Ticket: 57969

DST#: 1

ATTN: Keith Reavis

Test Start: 2016.11.11 @ 23:14:45

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:

ppm

Viscosity: 56.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.79 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1750.00 ppm

Filter Cake: 0.02 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
2.00	Mud	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:

