



**TRILOBITE**  
**TESTING, INC.**

## DRILL STEM TEST REPORT

K3 Oil & Gas Operating Co

3/16/55W

24900 Pitkin RD STE 305  
The Woodlands, TX 77386

James 6-3

Job Ticket: 64124

DST#: 1

ATTN: Randy Way

Test Start: 2018.05.17 @ 12:17:02

### GENERAL INFORMATION:

Formation: **Cherokee**

Deviated: No Whipstock: 5162.00 ft (KB)

Time Tool Opened: 15:53:45

Time Test Ended: 21:54:15

Test Type: Conventional Bottom Hole (Initial)

Tester: Chris Hagman

Unit No: 75

Interval: **6340.00 ft (KB) To 6410.00 ft (KB) (TVD)**

Total Depth: 6410.00 ft (KB) (TVD)

Hole Diameter: 7.80 inches Hole Condition: Good

Reference Elevations: 5162.00 ft (KB)

5144.00 ft (CF)

KB to GR/CF: 18.00 ft

Serial #: **6672** Inside

Press@RunDepth: 62.98 psig @ 6344.00 ft (KB)

Start Date: 2018.05.17

End Date:

2018.05.17

Start Time: 12:17:02

End Time:

21:54:15

Capacity: 8000.00 psig

Last Calib.: 1899.12.30

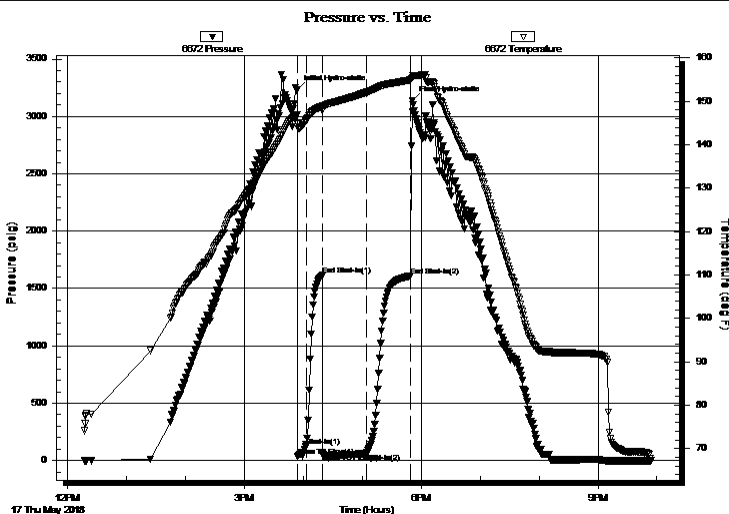
Time On Btm: 2018.05.17 @ 15:53:25

Time Off Btm: 2018.05.17 @ 17:51:05

TEST COMMENT: IF: Weak surface blow, 1 inch in 5 min.  
IS: No blow back, 1 inch 15 min.  
FF: Fair building blow, 4.7 inches in 45 min.  
FS: No blow back, 3.8 inches in 45 min.

### PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	3234.03	146.90	Initial Hydro-static
1	35.09	144.92	Open To Flow (1)
10	127.08	145.69	Shut-In(1)
26	1613.96	148.92	End Shut-In(1)
27	66.62	147.85	Open To Flow (2)
71	62.98	152.05	Shut-In(2)
116	1608.63	154.91	End Shut-In(2)
118	3136.21	155.61	Final Hydro-static

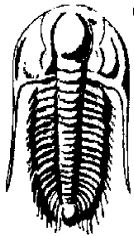


### Recovery

Length (ft)	Description	Volume (bbl)
180.00	Oil spotted 100%M	0.89

### Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (MMcf/d)
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KB to GR/CF: 18.00 ft

Serial #: 8289 Outside

Press@RunDepth: psig @ 6344.00 ft (KB)

Start Date: 2018.05.17

End Date:

2018.05.17

Capacity: 8000.00 psig

Last Calib.:

1899.12.30

Start Time: 12:17:02

End Time:

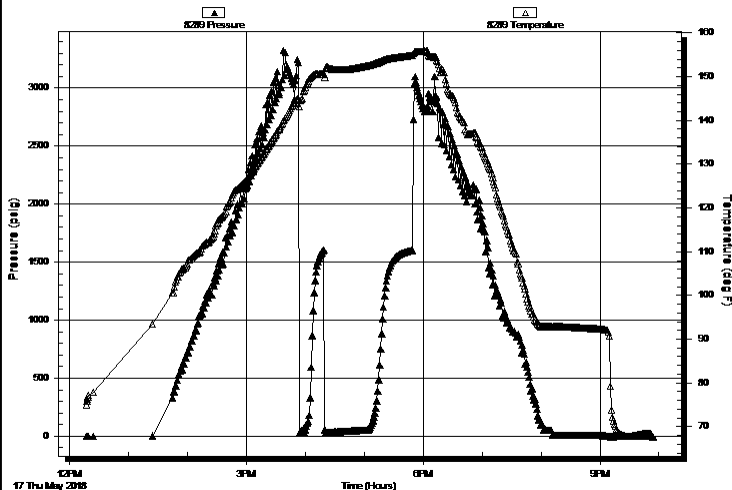
21:54:19

Time On Btm:

Time Off Btm:

TEST COMMENT: IF: Weak surface blow, 1 inch in 5 min.  
IS: No blow back, 1 inch 15 min.  
FF: Fair building blow, 4.7 inches in 45 min.  
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Pressure vs. Time



### PRESSURE SUMMARY

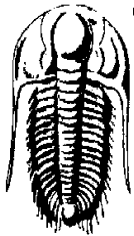
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
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Length (ft)	Description	Volume (bbl)
180.00	Oil spotted 100%M	0.89

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	Choke (inches)	Pressure (psig)	Gas Rate (MMcf/d)
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### FLUID SUMMARY

K3 Oil & Gas Operating Co

**3/16/55W**

24900 Pitkin RD STE 305  
The Woodlands, TX 77386

**James 6-3**

Job Ticket: 64124

**DST#: 1**

ATTN: Randy Way

Test Start: 2018.05.17 @ 12:17:02

### Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 76.00 sec/qt

Water Loss: 5.58 in<sup>3</sup>

Resistivity: ohm.m

Salinity: 200.00 ppm

Filter Cake: inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

Oil API:

Water Salinity:

deg API

ppm

ft

bbl

psig

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
180.00	Oil spotted 100%M	0.885

Total Length: 180.00 ft      Total Volume: 0.885 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Sampler = 2000 ML oil spotted mud @ 800 psi

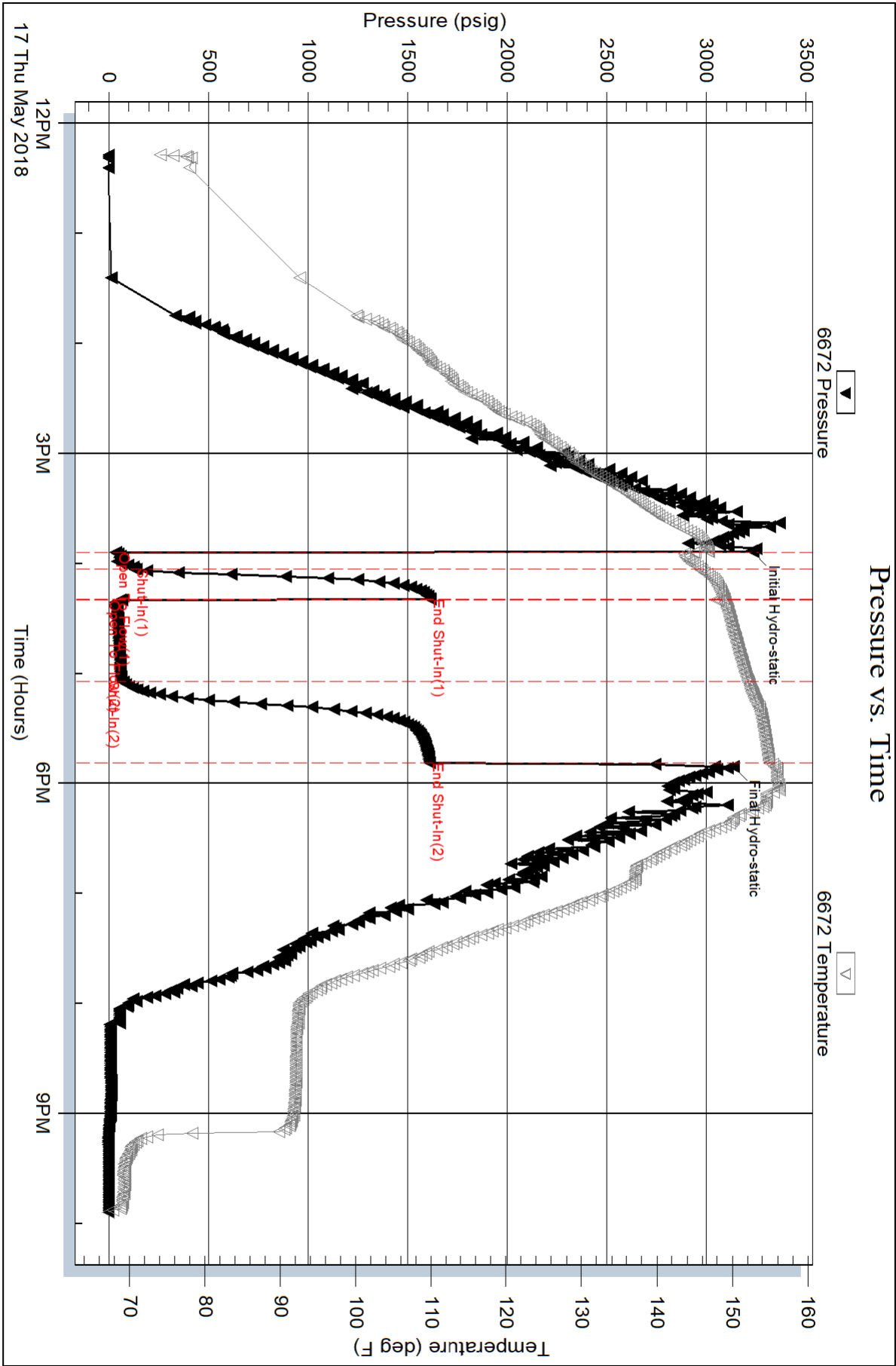
Serial #: 6672

Inside

K3 Oil & Gas Operating Co

James 6-3

DST Test Number: 1



Serial #: 8289

Outside K3 Oil & Gas Operating Co

James 6-3

DST Test Number: 1

