



DRILL STEM TEST REPORT

Prepared For: **Jason Oil Company**

Box 701
Russell, KS 67665

ATTN: Jeff Lawler

Johansen #6

34-11s-17w Ellis, KS

Start Date: 2018.04.01 @ 16:34:50

End Date: 2018.04.01 @ 22:53:10

Job Ticket #: 63274 DST #: 1

Trilobite Testing, Inc
1515 Commerce Parkway Hays, KS 67601
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TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Jason Oil Company

34-11s-17w Ellis,KS

Box 701
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Johansen #6

Job Ticket: 63274

DST#: 1

ATTN: Jeff Lawler

Test Start: 2018.04.01 @ 16:34:50

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 18:35:20

Time Test Ended: 22:53:10

Test Type: Conventional Bottom Hole (Initial)

Tester: Paul Simpson

Unit No: 65

Interval: 3540.00 ft (KB) To 3585.00 ft (KB) (TVD)

Reference Elevations: 2101.00 ft (KB)

Total Depth: 3585.00 ft (KB) (TVD)

2093.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 8.00 ft

Serial #: 8653

Inside

Press@RunDepth: 134.74 psig @ 3541.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2018.04.01 End Date: 2018.04.01

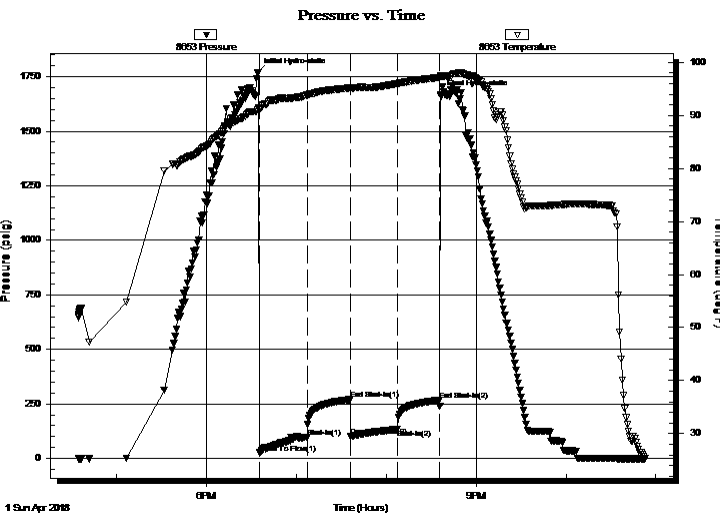
Last Calib.: 2018.04.01

Start Time: 16:34:51 End Time: 22:53:10

Time On Btm: 2018.04.01 @ 18:34:10

Time Off Btm: 2018.04.01 @ 20:36:10

TEST COMMENT: IF 30- weak 1/2" blow died in 20 minutes
ISI 30
FF-30 surface blow died - flush tool no blow after surge
FSI-30



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1768.74	91.02	Initial Hydro-static
2	25.38	91.07	Open To Flow (1)
33	97.24	93.78	Shut-In(1)
62	269.94	95.17	End Shut-In(1)
63	100.17	95.06	Open To Flow (2)
94	134.74	95.98	Shut-In(2)
122	266.50	97.11	End Shut-In(2)
122	1669.19	97.31	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	M&WCO 70% O 10%W 20%M	0.30
100.00	MCO 60%O 40%M	0.49
160.00	Clean Oil	0.87

Gas Rates

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



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TOOL DIAGRAM

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Tool Information

Drill Pipe:	Length: 3215.00 ft	Diameter: 3.80 inches	Volume: 45.10 bbl	Tool Weight: 2300.00 lb
Heavy Wt. Pipe:	Length: 311.00 ft	Diameter: 2.25 inches	Volume: 1.53 bbl	Weight set on Packer: 22000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 60000.00 lb
			<u>Total Volume: 46.63 bbl</u>	Tool Chased ft
Drill Pipe Above KB:	6.00 ft			String Weight: Initial 55000.00 lb
Depth to Top Packer:	3540.00 ft			Final 55000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	45.00 ft			
Tool Length:	65.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3521.00	
Shut In Tool	5.00			3526.00	
Hydraulic tool	5.00			3531.00	
Packer	5.00			3536.00	20.00 Bottom Of Top Packer
Packer	4.00			3540.00	
Stubb	1.00			3541.00	
Recorder	0.00	8653	Inside	3541.00	
Recorder	0.00	8737	Outside	3541.00	
Perforations	5.00			3546.00	
Change Over Sub	2.00			3548.00	
Drill Pipe	32.00			3580.00	
Change Over Sub	2.00			3582.00	
Bullnose	3.00			3585.00	45.00 Bottom Packers & Anchor

Total Tool Length: 65.00



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FLUID SUMMARY

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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: 52.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.49 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	M&WCO 70% O 10%W 20%M	0.295
100.00	MCO 60%O 40%M	0.492
160.00	Clean Oil	0.869

Total Length: 320.00 ft Total Volume: 1.656 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

