



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Russell Oil, Inc.
PO Box 8050
Edmond, OK 73083
ATTN: Kitt Noah

26/15s/35w Logan KS
Edwards Trust E#26-1
Job Ticket: 65445 **DST#: 2**
Test Start: 2017.05.07 @ 05:50:00

GENERAL INFORMATION:

Formation: **Marmaton A - B**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 07:41:30
Time Test Ended: 12:56:15
Interval: **4313.00 ft (KB) To 4392.00 ft (KB) (TVD)**
Total Depth: 4392.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Poor
Reference Elevations: 3112.00 ft (KB)
3107.00 ft (CF)
KB to GR/CF: 5.00 ft
Test Type: Conventional Bottom Hole (Reset)
Tester: James Winder
Unit No: 83

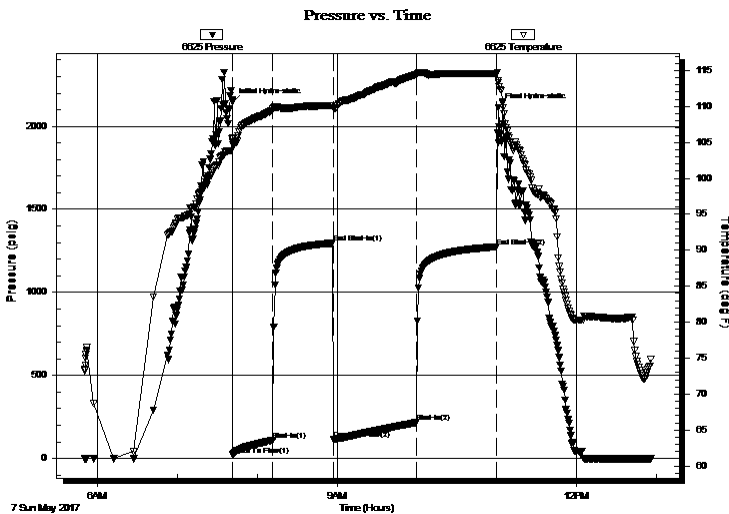
Serial #: 6625

Inside

Press@RunDepth: 217.45 psig @ 4314.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2017.05.07 End Date: 2017.05.07 Last Calib.: 2017.05.07
Start Time: 05:50:05 End Time: 12:56:14 Time On Btm: 2017.05.07 @ 07:41:15
Time Off Btm: 2017.05.07 @ 11:01:30

TEST COMMENT: 30 - IF: Blow built to BOB (11") at 22 1/4 min.
45 - IS: No blow back
60 - FF: Blow built to BOB at 26 1/2 min.
60 - FS: No blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2145.07	105.61	Initial Hydro-static
1	21.80	105.08	Open To Flow (1)
31	109.03	109.65	Shut-In(1)
76	1296.60	110.16	End Shut-In(1)
76	114.61	109.88	Open To Flow (2)
139	217.45	114.47	Shut-In(2)
199	1274.17	114.59	End Shut-In(2)
201	2114.45	113.31	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
118.00	GOMW 32%g, 25%w, 22%m, 21%o	0.58
312.00	GWOCM 46%m, 22%g, 21%o, 11%w	4.38
40.00	GOM 45%m, 45%o, 10%g	0.56

Gas Rates

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

* Recovery from multiple tests



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FLUID SUMMARY

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Job Ticket: 65445

DST#: 2

ATTN: Kitt Noah

Test Start: 2017.05.07 @ 05:50:00

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:

ppm

Viscosity: 63.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.49 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 6200.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
118.00	GOMW 32%g, 25%w, 22%m, 21%o	0.580
312.00	GWOCM 46%m, 22%g, 21%o, 11%w	4.377
40.00	GOM 45%m, 45%o, 10%g	0.561

Total Length: 470.00 ft

Total Volume: 5.518 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

