



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

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

6-16s-34w Scott Co. KS

Edwards FG Unit 1

Job Ticket: 56452 **DST#: 1**
Test Start: 2014.03.17 @ 08:55:00

GENERAL INFORMATION:

Formation: **Altamont B**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 11:30:30
Time Test Ended: 17:46:00
Interval: **4405.00 ft (KB) To 4426.00 ft (KB) (TVD)**
Total Depth: 4426.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Poor
Test Type: Conventional Bottom Hole (Initial)
Tester: Jace McKinney
Unit No: 75
Reference Elevations: 3096.00 ft (KB)
3085.00 ft (CF)
KB to GR/CF: 11.00 ft

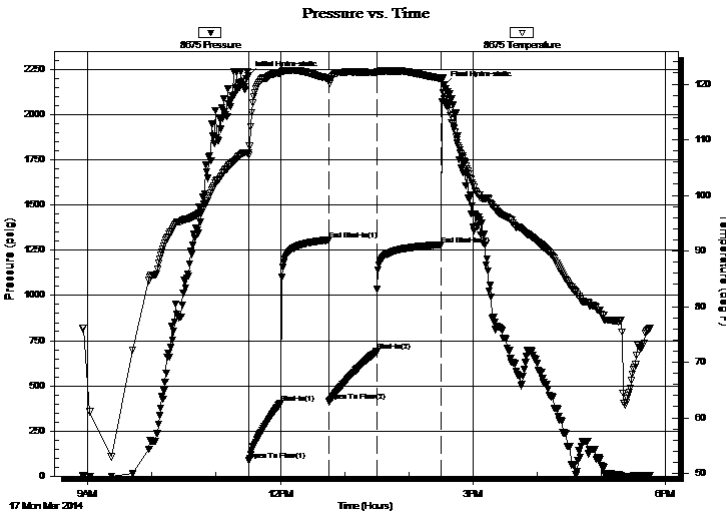
Serial #: 8675

Inside

Press@RunDepth: 689.83 psig @ 4406.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2014.03.17 End Date: 2014.03.17 Last Calib.: 2014.03.17
Start Time: 08:55:15 End Time: 17:46:00 Time On Btm: 2014.03.17 @ 11:30:15
Time Off Btm: 2014.03.17 @ 14:33:15

TEST COMMENT: B.O.B. in 2 min
Bled off for 5 min. B.O.B. in 30 min.
B.O.B. in 3 min
Bled off for 5 min. B.O.B. in 42 min.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2216.39	107.67	Initial Hydro-static
1	85.96	107.19	Open To Flow (1)
30	403.86	121.98	Shut-In(1)
75	1307.18	120.91	End Shut-In(1)
76	413.28	120.43	Open To Flow (2)
120	689.83	122.09	Shut-In(2)
180	1281.06	120.98	End Shut-In(2)
183	2163.62	117.41	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
367.00	mco 5%M 25%G 70%O	1.80
665.00	gco 30%G 70%O	9.32
570.00	gco 50%G 50%O	8.00
290.00	gco 10%G 90%O	4.07
0.00	1050 Feet Gas In Pipe	0.00

Gas Rates

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



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FLUID SUMMARY

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DST#: 1

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Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

30 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 59.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.58 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
367.00	mcgo 5%M 25%G 70%O	1.805
665.00	gco 30%G 70%O	9.321
570.00	gco 50%G 50%O	7.996
290.00	gco 10%G 90%O	4.068
0.00	1050 Feet Gas In Pipe	0.000

Total Length: 1892.00 ft Total Volume: 23.190 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: API: 31 @ 70 F = 30

