



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

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

S30-15s-36w Logan/KS

McElree Orr 'A' 30-1

Job Ticket: 64502 **DST#: 5**
 Test Start: 2016.01.21 @ 16:46:00

GENERAL INFORMATION:

Formation: **Altamont 'B'**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 19:35:30
 Time Test Ended: 00:26:00
 Interval: **4517.00 ft (KB) To 4546.00 ft (KB) (TVD)**
 Total Depth: 4546.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Chuck Smith
 Unit No: 61
 Reference Elevations: 3348.00 ft (KB)
 3339.00 ft (CF)
 KB to GR/CF: 9.00 ft

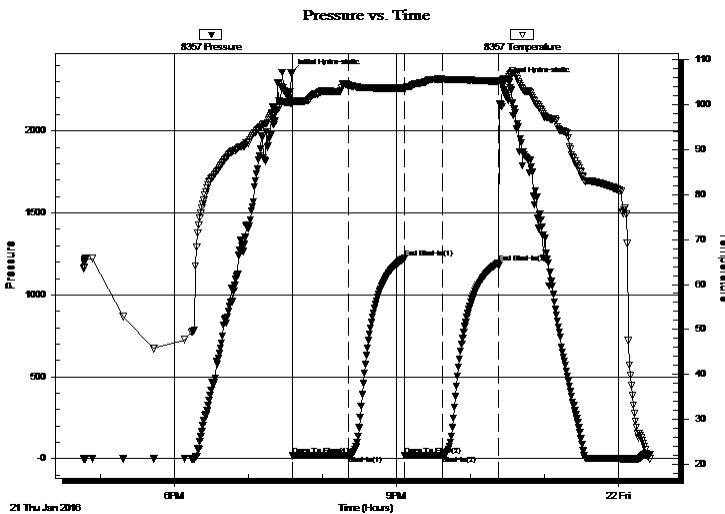
Serial #: 8357

Inside

Press @ Run Depth: 22.73 psig @ 4518.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2016.01.21 End Date: 2016.01.22 Last Calib.: 2016.01.22
 Start Time: 16:46:02 End Time: 00:26:00 Time On Btm: 2016.01.21 @ 19:34:20
 Time Off Btm: 2016.01.21 @ 22:25:40

TEST COMMENT: 45- 1/2" Blow .
 45- No return.
 45- No blow .
 45- No return.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2352.38	100.35	Initial Hydro-static
2	19.18	100.25	Open To Flow (1)
47	21.08	104.31	Shut-In(1)
92	1223.59	103.75	End Shut-In(1)
93	21.73	103.41	Open To Flow (2)
124	22.73	105.65	Shut-In(2)
169	1194.35	105.30	End Shut-In(2)
172	2299.54	105.12	Final Hydro-static

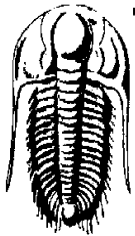
Recovery

Length (ft)	Description	Volume (bbl)
0.00	API: @ Degrees F =	0.00
0.00	RW: @ Degrees F = PPM	0.00
10.00	OSM 100m	0.14

* Recovery from multiple tests

Gas Rates

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



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GENERAL INFORMATION:

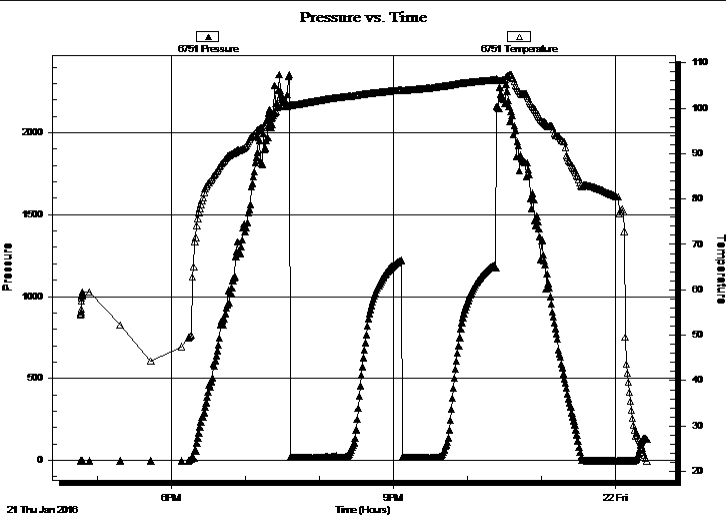
Formation: **Altamont 'B'**
 Deviated: No Whipstock: ft (KB) Test Type: Conventional Bottom Hole (Reset)
 Time Tool Opened: 19:35:30 Tester: Chuck Smith
 Time Test Ended: 00:26:00 Unit No: 61
Interval: 4517.00 ft (KB) To 4546.00 ft (KB) (TVD) Reference Elevations: 3348.00 ft (KB)
 Total Depth: 4546.00 ft (KB) (TVD) 3339.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Good KB to GR/CF: 9.00 ft

Serial #: 6751

Outside

Press @ RunDepth: psig @ 4518.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2016.01.21 End Date: 2016.01.22 Last Calib.: 2016.01.22
 Start Time: 16:46:02 End Time: 00:26:00 Time On Btm:
 Time Off Btm:

TEST COMMENT: 45- 1/2" Blow .
 45- No return.
 45- No blow .
 45- No return.



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
0.00	API: @ Degrees F =	0.00
0.00	RW: @ Degrees F = PPM	0.00
10.00	OSM 100m	0.14

Gas Rates

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

* Recovery from multiple tests

Pressure vs. Time

