



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Sam Gary Jr. & Assoc.

1515 Wynkoop Suite 700  
Denver Colorado  
80202  
ATTN: Clayton Camozzi

**Sec. 34 - 10 s. -29 w./Sheridan**

**Gassman Family Trust**

Job Ticket: 62514 **DST#: 2**

Test Start: 2015.02.19 @ 21:15:00

## GENERAL INFORMATION:

Formation: **L.K.C. ' L '**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 23:31:15  
 Time Test Ended: 04:24:45  
 Interval: **4085.00 ft (KB) To 4115.00 ft (KB) (TVD)**  
 Total Depth: 4115.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Fair  
 Test Type: Conventional Bottom Hole (Reset)  
 Tester: Bob Hamel  
 Unit No: 72  
 Reference Elevations: 2744.00 ft (KB)  
 2736.00 ft (CF)  
 KB to GR/CF: 8.00 ft

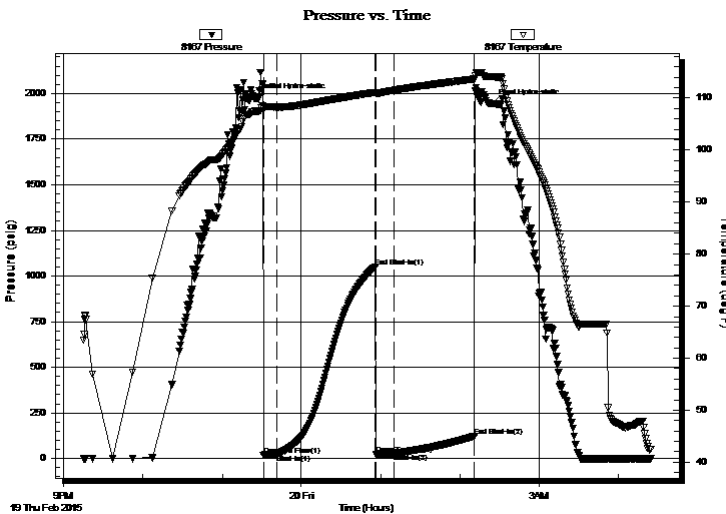
## Serial #: 8167

Outside

Press@RunDepth: 27.29 psig @ 4091.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2015.02.19 End Date: 2015.02.20 Last Calib.: 2015.02.20  
 Start Time: 21:15:05 End Time: 04:24:44 Time On Btm: 2015.02.19 @ 23:26:15  
 Time Off Btm: 2015.02.20 @ 02:24:15

TEST COMMENT: I.F. - 10 - 1/8" INT. BLOW BUILT TO 1"  
 I.S.I. - 75 - NO B.B.  
 F.F. - 10 - 1/8" INT. BLOW BUILT TO 1 1/4"  
 F.S.I. - 60 - NO B.B.

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1975.45	107.49	Initial Hydro-static
5	19.07	108.15	Open To Flow (1)
16	22.58	108.28	Shut-In(1)
90	1050.39	111.10	End Shut-In(1)
91	24.60	110.87	Open To Flow (2)
104	27.29	111.49	Shut-In(2)
165	123.64	113.66	End Shut-In(2)
178	1945.25	114.08	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
6.00	H <sub>2</sub> O,C,M, 30%O 70%M	0.03
0.00	SHOW OF FREE OIL IN TEST TOOL	0.00

\* Recovery from multiple tests

## Gas Rates

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





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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: 45.00 sec/qt

Cushion Volume:

bbf

Water Loss: 7.20 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 700.00 ppm

Filter Cake: 1.00 inches

### Recovery Information

Recovery Table

Length ft	Description	Volume bbf
6.00	H <sub>2</sub> O,C,M, 30%O 70%M	0.030
0.00	SHOW OF FREE OIL IN TEST TOOL	0.000

Total Length: 6.00 ft      Total Volume: 0.030 bbf

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

