



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Castelli Exploration Inc.
6908 N.W. 112th St.
Oklahoma City Ok.73162
ATTN: Rick Popp

5-25s-16w Edwards Ks.

Julian #4-5

Job Ticket: 52366

DST#: 1

Test Start: 2013.10.26 @ 13:46:57

GENERAL INFORMATION:

Formation: **Lans. A - B**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 15:26:42

Time Test Ended: 20:28:42

Test Type: Conventional Bottom Hole (Initial)

Tester: Gary Pevoteaux

Unit No: 56

Interval: 3796.00 ft (KB) To 3840.00 ft (KB) (TVD)

Reference Elevations: 2090.00 ft (KB)

Total Depth: 3840.00 ft (KB) (TVD)

2082.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

Serial #: 8352 Inside

Press @ Run Depth: 119.03 psig @ 3797.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.10.26

End Date:

2013.10.26

Last Calib.:

2013.10.26

Start Time: 13:47:02

End Time:

20:28:41

Time On Btm:

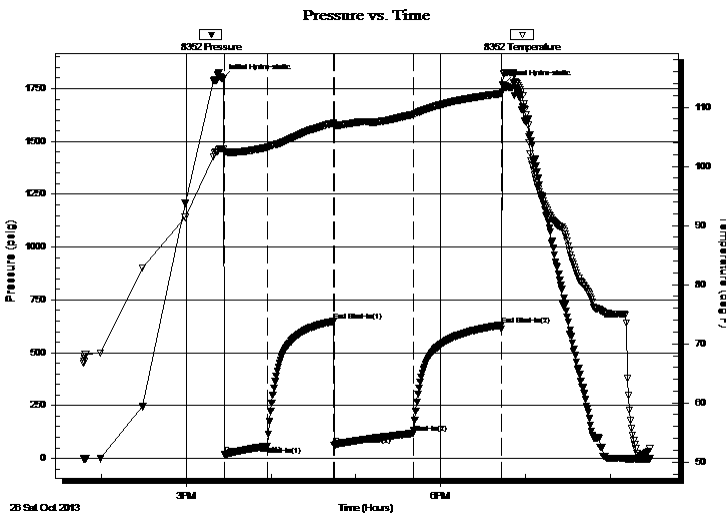
2013.10.26 @ 15:25:12

Time Off Btm:

2013.10.26 @ 18:44:42

TEST COMMENT: IF: Strong blow . B.O.B. in 70 secs.
IS: No blow .
FF: Fair to strong blow . B.O.B. in 9 mins.
FS: Weak blow . 1/2 ".

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1797.28	102.95	Initial Hydro-static
2	18.61	102.53	Open To Flow (1)
33	58.56	103.23	Shut-In(1)
79	648.34	107.30	End Shut-In(1)
80	61.14	107.07	Open To Flow (2)
136	119.03	108.78	Shut-In(2)
198	631.09	112.30	End Shut-In(2)
200	1769.70	115.67	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	210 FT. OF gip	0.00
70.00	GCMW 5%g 16%m 79%w	0.98
155.00	SW / Rw .1 ohms @55 deg	2.17

Gas Rates

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



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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: 101000 ppm

Viscosity: 47.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.19 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3600.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
0.00	210 FT. OF gip	0.000
70.00	GCMW 5%g 16%m 79%w	0.982
155.00	SW / Rw .1 ohms @55 deg	2.174

Total Length: 225.00 ft Total Volume: 3.156 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

