

**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

18-30s-38w
15-K67-21701

OXY USA

Grant

Nave B-1

Box 27570 Houston Tx. 77227-7570

18/30/38

Job Ticket: 37627

DST#: 1

ATTN: Cal Wylie

Test Start: 2010.04.09 @ 00:00:01

GENERAL INFORMATION:

Formation: **St. Louis**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 05:07:01

Time Test Ended: 13:29:50

Interval: **5750.00 ft (KB) To 5780.00 ft (KB) (TVD)**

Total Depth: 5926.00 ft (KB) (TVD)

Hole Diameter: 7.78 inches Hole Condition: Fair

Test Type:

Tester: Harley Davidson

Unit No: 33

Reference Elevations: 3142.00 ft (KB)

3131.00 ft (CF)

KB to GR/CF: 11.00 ft

Serial #: **6773**

Inside

Press@RunDepth: 105.60 psig @ 5774.00 ft (KB)

Start Date: 2010.04.09

End Date:

2010.04.09

Capacity: 8000.00 psig

Last Calib.: 2010.04.09

Start Time: 00:00:01

End Time:

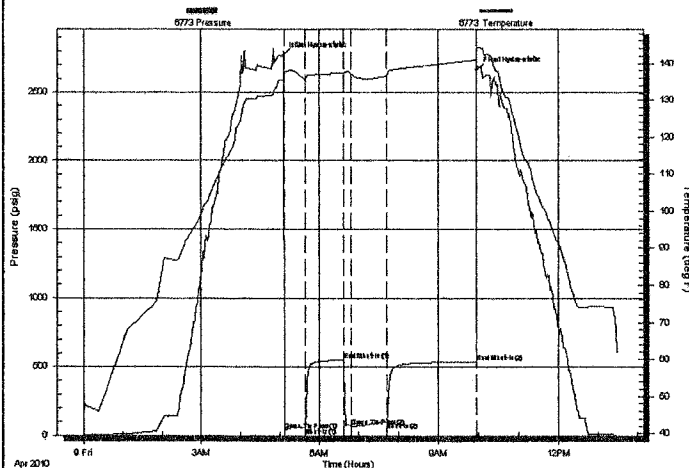
13:29:50

Time On Btm: 2010.04.09 @ 05:04:40

Time Off Btm: 2010.04.09 @ 09:57:11

TEST COMMENT: IF- Strong blow BOB, ASAO, GTS, 25min.
IS- Very weak blow back that died after 30min.
FF- Strong blow BOB, GTS, ASAO, TSTM.
FSI- No blow back.

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2766.15	135.54	Initial Hydro-static
3	41.93	136.05	Open To Flow (1)
34	61.05	135.74	Shut-In(1)
93	549.68	137.40	End Shut-In(1)
105	67.78	137.05	Open To Flow (2)
157	105.60	136.66	Shut-In(2)
293	538.13	140.95	End Shut-In(2)
293	2662.25	143.93	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
360.00	15%gas 15%oil 70%mud	2.29

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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DRILL STEM TEST REPORT

FLUID SUMMARY

OXY USA

Nave B-1

Box 27570 Houston Tx. 77227-7570

18/30/38

Job Ticket: 37627

DST#: 1

ATTN: Cal Wylie

Test Start: 2010.04.09 @ 00:00:01

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: 40.00 sec/qt

Cushion Volume:

bbl

Water Loss: 8.40 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
360.00	15%gas15%oil70%mud	2.290

Total Length: 360.00 ft

Total Volume: 2.290 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Sampler Data-15 CFD gas 15% oil of 2000ML 2000ML mud @ 530 PSI

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