



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Sunflower Energy LLC.

30/27/29

10801 Mastin Sute 920 Overland Park Ks. 66210

Ginest #1-30

ATTN: Keith R.

Job Ticket: 42295

DST#: 1

Test Start: 2011.10.16 @ 01:00:00

GENERAL INFORMATION:

Formation:

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 04:23:45

Time Test Ended: 11:50:15

Test Type: Conventional Bottom Hole (Initial)

Tester: Harley Davidson

Unit No: 58

Interval: 3460.00 ft (KB) To 3530.00 ft (KB) (TVD)

Reference Elevations: 2865.00 ft (KB)

Total Depth: 3530.00 ft (KB) (TVD)

2852.00 ft (CF)

Hole Diameter: 7.78 inches Hole Condition: Fair

KB to GR/CF: 13.00 ft

Serial #: 6772

Press @ Run Depth: 61.04 psig @ ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.10.16

End Date: 2011.10.16

Last Calib.: 2011.10.16

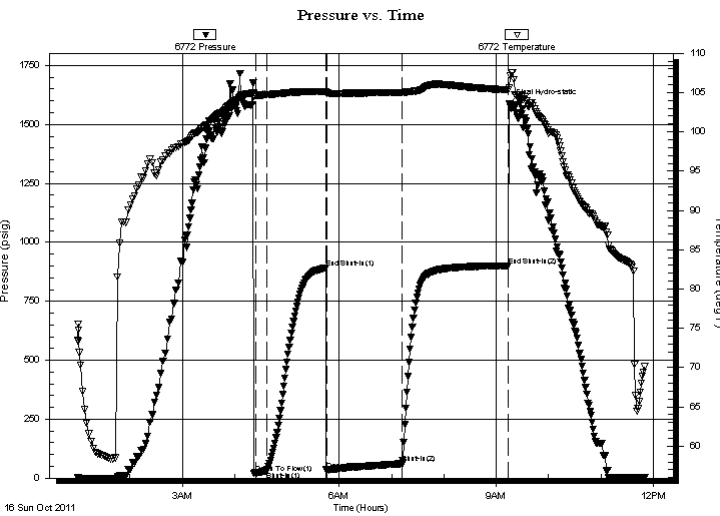
Start Time: 01:00:05

End Time: 11:50:15

Time On Btm: 2011.10.16 @ 04:16:15

Time Off Btm: 2011.10.16 @ 09:15:00

TEST COMMENT: IF- Weak building blow 4" into bucket.
 IS- No blow back.
 FF- Strong blow BOB, ASAO, GTS after we shut in.
 FS- No blow back.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1584.38	104.87	Initial Hydro-static
8	21.69	104.57	Open To Flow (1)
21	30.26	104.72	Shut-In(1)
89	891.83	105.13	End Shut-In(1)
89	31.21	104.95	Open To Flow (2)
176	61.04	104.97	Shut-In(2)
298	898.81	105.31	End Shut-In(2)
299	1589.18	105.55	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	10%gas 90%mud	0.59

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: 49.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 11.59 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 7800.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
120.00	10%gas 90%mud	0.590

Total Length: 120.00 ft Total Volume: 0.590 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

