



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: 42296

DST#: 2

Test Start: 2011.10.19 @ 01:45:00

GENERAL INFORMATION:

Formation:

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 04:44:00

Time Test Ended: 12:34:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Harley Davidson

Unit No: 58

Interval: 4412.00 ft (KB) To 4440.00 ft (KB) (TVD)

Reference Elevations: 2865.00 ft (KB)

Total Depth: 4440.00 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 @ RunDepth: 143.77 psig @ ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.10.19 End Date: 2011.10.19

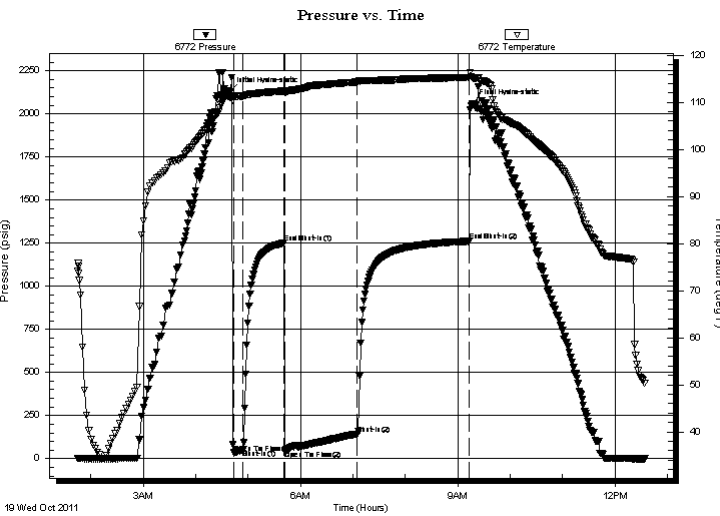
Last Calib.: 2011.10.19

Start Time: 01:45:05 End Time: 12:34:30

Time On Btm: 2011.10.19 @ 04:38:45

Time Off Btm: 2011.10.19 @ 09:16:15

TEST COMMENT: IF- Strong blow BOB ASAO.
 IS- No blow back.
 FF- Strong blow BOB, ASAO, GTS, 20min.
 FS- No blow back.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2127.24	111.13	Initial Hydro-static
6	33.72	111.27	Open To Flow (1)
16	54.68	111.31	Shut-In(1)
63	1251.47	112.38	End Shut-In(1)
64	46.12	112.05	Open To Flow (2)
147	143.77	114.32	Shut-In(2)
274	1261.16	115.26	End Shut-In(2)
278	2057.22	115.21	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
170.00	20% mud 30% water 50% oil trace of gas	0.84
150.00	trace of oil gas and mud 100% water	0.99

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.13	9.00	8.76
Last Gas Rate	0.13	24.00	14.37
Max. Gas Rate	0.13	24.00	14.37



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FLUID SUMMARY

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DST#: 2

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Test Start: 2011.10.19 @ 01:45:00

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:

75000 ppm

Viscosity: 50.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.18 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 6300.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
170.00	20% mud 30% water 50% oil trace of gas	0.836
150.00	trace of oil gas and mud 100% water	0.993

Total Length: 320.00 ft Total Volume: 1.829 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Water CHL. .110@65=75000

