



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Sunflower Energy LLC.

30/27/29

10801 Mastin Sute 920 Overland Park Ks. 66210

Ginest #1-30

Job Ticket: 42297

DST#: 3

ATTN: Keith R.

Test Start: 2011.10.20 @ 20:30:00

GENERAL INFORMATION:

Formation: **Swope**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:24:15

Time Test Ended: 10:58:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Harley Davidson

Unit No: 58

Interval: 4496.00 ft (KB) To 4518.00 ft (KB) (TVD)

Reference Elevations: 2865.00 ft (KB)

Total Depth: 4518.00 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: 273.21 psig @ ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.10.20 End Date: 2011.10.21

Last Calib.: 2011.10.21

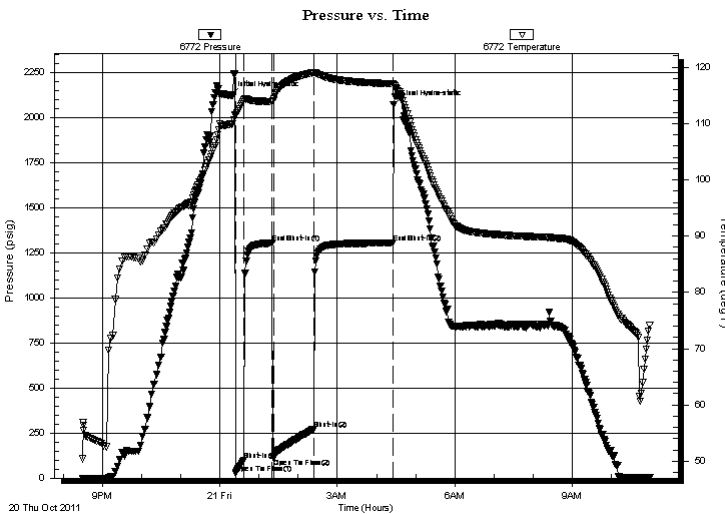
Start Time: 20:30:05 End Time: 10:58:30

Time On Btm: 2011.10.21 @ 00:16:00

Time Off Btm: 2011.10.21 @ 04:26:15

TEST COMMENT: IF- Weak building blow 4" in bucket.
 IS- No blow back.
 FF- Weak building blow 6" in bucket.
 FS- No blow back.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2123.38	109.86	Initial Hydro-static
9	28.31	111.36	Open To Flow (1)
21	100.84	114.21	Shut-In(1)
65	1304.27	113.93	End Shut-In(1)
66	109.10	114.00	Open To Flow (2)
128	273.21	119.03	Shut-In(2)
249	1304.83	117.06	End Shut-In(2)
251	2072.98	116.88	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
500.00	100% w ater	4.35

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:

125000 ppm

Viscosity: 44.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.78 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 6700.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
500.00	100% water	4.354

Total Length: 500.00 ft Total Volume: 4.354 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: CHL lever is .08 @ 62 = 125000

