

TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **American Energies Corporation**

155 N Market Ste 710
Wichita KS 67202

ATTN: Alan DeGood

20 27S 6W Kingman KS

Moran # 1-20

Start Date: 2006.11.03 @ 06:12:01
End Date: 2006.11.03 @ 14:59:24
Job Ticket #: 25485 DST #: 1

15-095-20191-0001
NW SE SW SE
495 FSL 1815 FEL

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

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Job Ticket: 25485 **DST#: 1**

Test Start: 2006.11.03 @ 06:12:01

GENERAL INFORMATION:

Formation: **Mississippi**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 08:36:54
Time Test Ended: 14:59:24

Test Type: Conventional Bottom Hole
Tester: Zach Stover
Unit No: 23

Interval: 3830.00 ft (KB) To 3846.00 ft (KB) (TVD)
Total Depth: 3846.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Poor

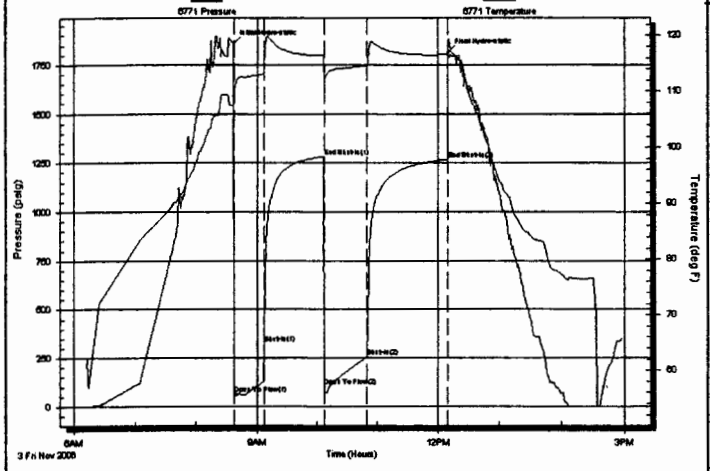
Reference Elevations: 1544.00 ft (KB)
1539.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 6771 **Inside**

Press@RunDepth: 253.67 psig @ 3831.00 ft (KB)
Start Date: 2006.11.03 End Date: 2006.11.03
Start Time: 06:12:06 End Time: 14:59:24

Capacity: 7000.00 psig
Last Calib.: 2006.11.03
Time On Btm: 2006.11.03 @ 08:36:24
Time Off Btm: 2006.11.03 @ 12:09:23

TEST COMMENT:



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1860.35	107.66	Initial Hydro-static
1	66.03	110.44	Open To Flow (1)
31	322.43	113.77	Shut-In(1)
91	1283.54	116.41	End Shut-In(1)
92	102.63	110.62	Open To Flow (2)
135	253.67	114.64	Shut-In(2)
213	1268.91	116.56	End Shut-In(2)
213	1812.46	119.08	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	GSY MCW 4%G 12%M 84%W	0.30
60.00	GSY MCW 1%G 48%M 51%W	0.30
130.00	GSY WCM 4%G 10%W 86%M	0.73
0.00	GIP AFFP	0.00

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.13	11.00	9.51
Last Gas Rate	0.13	165.00	67.15
Max. Gas Rate	0.13	165.00	67.15

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TOOL DIAGRAM

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Job Ticket: 25485 **DST#: 1**

Test Start: 2006.11.03 @ 06:12:01

Tool Information

Drill Pipe:	Length:	3573.00 ft	Diameter:	3.80 inches	Volume:	50.12 bbl	
Heavy Wt. Pipe:	Length:	ft	Diameter:	inches	Volume:	- bbl	
Drill Collar:	Length:	240.00 ft	Diameter:	2.25 inches	Volume:	1.18 bbl	
					Total Volume:	- bbl	

Drill Pipe Above KB:	10.00 ft
Depth to Top Packer:	3830.00 ft
Depth to Bottom Packer:	ft
Interval betw een Packers:	16.00 ft
Tool Length:	43.00 ft
Number of Packers:	2 Diameter: 6.75 inches

Tool Weight:	2100.00 lb
Weight set on Packer:	20000.00 lb
Weight to Pull Loose:	72000.00 lb
Tool Chased	ft
String Weight: Initial	72000.00 lb
Final	72000.00 lb

Tool Comments:
Hit bridge 210 ' from bottom

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Change Over Sub	1.00			3804.00		
Shut In Tool	5.00			3809.00		
Hydraulic tool	5.00			3814.00		
Jars	5.00			3819.00		
Safety Joint	2.00			3821.00		
Packer	5.00			3826.00	27.00	Bottom Of Top Packer
Packer	4.00			3830.00		
Stubb	1.00			3831.00		
Recorder	0.00	6771	Inside	3831.00		
Perforations	10.00			3841.00		
Recorder	0.00	13789	Outside	3841.00		
Bullnose	5.00			3846.00	16.00	Bottom Packers & Anchor
Total Tool Length:	**43.00**					

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FLUID SUMMARY

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Job Ticket: 25485 **DST#: 1**

Test Start: 2006.11.03 @ 06:12:01

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:	80000 ppm
Viscosity:	50.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	9.18 in³	Gas Cushion Type:			
Resistivity:	0.00 ohm.m	Gas Cushion Pressure:	psig		
Salinity:	3600.00 ppm				
Filter Cake:	0.03 inches				

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	GSY MCW 4%G 12%M 84%W	0.295
60.00	GSY MCW 1%G 48%M 51%W	0.295
130.00	GSY WCM 4%G 10%W 86%M	0.730
0.00	GIP AFFP	0.000

Total Length: 250.00 ft Total Volume: 1.320 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:

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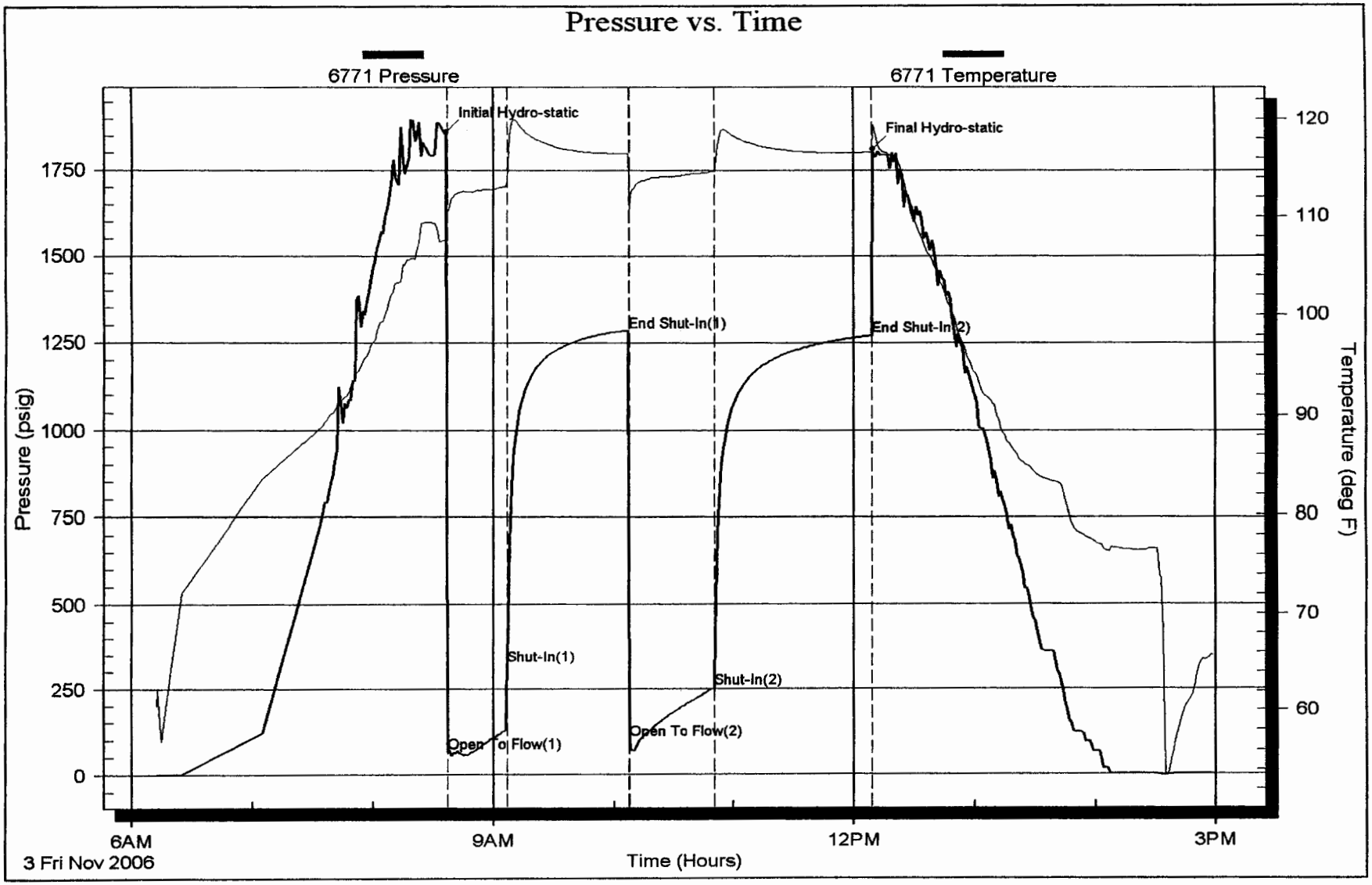
Test Start: 2006.11.03 @ 06:12:01

Gas Rates Information

Temperature: 59 deg C
Relative Density: 0.65
Z Factor: 0.8

Gas Rates Table

Flow Period	Elapsed Time	Choke (mm)	Pressure (kPaa)	Gas Rate (m^3/d)
1	10	0.13	11.00	9.51
1	10	0.13	11.00	9.51
1	15	0.13	24.00	14.37
1	20	0.13	34.00	18.12
1	25	0.13	48.00	23.35
1	30	0.13	66.00	30.09
2	5	0.13	46.00	22.61
2	10	0.13	64.00	29.34
2	15	0.13	84.00	36.83
2	20	0.13	100.00	42.82
2	25	0.13	120.00	50.30
2	30	0.13	138.00	57.04
2	35	0.13	158.00	64.53
2	40	0.13	165.00	67.15


Pressure vs. Time
6771 Pressure
6771 Temperature
Initial Hydro-static
Final Hydro-static
End Shut-In(1)
End Shut-In(2)
Shut-In(1)
Shut-In(2)
Open To Flow(1)
Open To Flow(2)
Pressure (psig)
Temperature (deg F)
0
250
500
750
1000
1250
1500
1750
60
70
80
90
100
110
120
6AM
3 Fri Nov 2006
9AM
12PM
3PM
Time (Hours)