



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Ares Energy
405 N Marienfield Ste 250
Midland, TX 79701
ATTN: Justin Carter

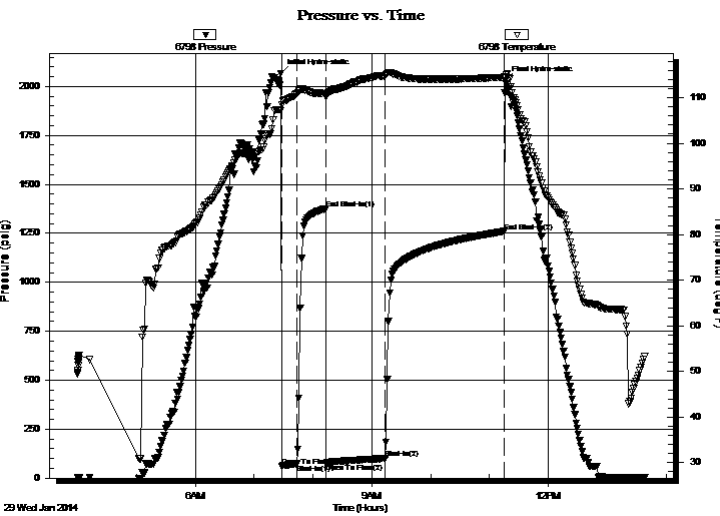
15-23S-13W Stafford
McCandless 15-3
Job Ticket: 51954 **DST#: 4**
Test Start: 2014.01.29 @ 03:59:53

GENERAL INFORMATION:

Formation: **Arbuckle**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 07:28:08
Time Test Ended: 13:38:38
Interval: **4220.00 ft (KB) To 4273.00 ft (KB) (TVD)**
Total Depth: 4273.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good
Reference Elevations: 1934.00 ft (KB)
1926.00 ft (CF)
KB to GR/CF: 8.00 ft
Test Type: Conventional Bottom Hole (Reset)
Tester: Leal Cason
Unit No: 74

Serial #: 6798 Inside
Press@RunDepth: 101.95 psig @ 4221.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2014.01.29 End Date: 2014.01.29 Last Calib.: 2014.01.29
Start Time: 03:59:54 End Time: 13:38:38 Time On Btm: 2014.01.29 @ 07:26:53
Time Off Btm: 2014.01.29 @ 11:15:53

TEST COMMENT: IF: Weak Surface Blow
IS: No Blow Back
FF: Fair Blow , BOB in 36 minutes
FS: No Blow Back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2067.29	107.15	Initial Hydro-static
2	62.02	108.33	Open To Flow (1)
17	72.89	110.81	Shut-In(1)
46	1376.49	110.88	End Shut-In(1)
46	76.03	110.10	Open To Flow (2)
107	101.95	114.88	Shut-In(2)
228	1260.34	114.45	End Shut-In(2)
229	2031.45	114.66	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	42 GIP	0.00
128.00	GOCM 10%G 10%O 80%M	0.63
62.00	GOCM 30%G 20%O 50%M	0.51
20.00	Oil	0.21

* Recovery from multiple tests

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Ares Energy
405 N Marienfield Ste 250
Midland, TX 79701
ATTN: Justin Carter

15-23S-13W Stafford
McCandless 15-3
Job Ticket: 51954 **DST#: 4**
Test Start: 2014.01.29 @ 03:59:53

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API: 37 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: ppm
Viscosity: 55.00 sec/qt	Cushion Volume: bbl	
Water Loss: 7.20 in ³	Gas Cushion Type:	
Resistivity: ohm.m	Gas Cushion Pressure: psig	
Salinity: 7300.00 ppm		
Filter Cake: 0.02 inches		

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	42 GIP	0.000
128.00	GOCM 10%G 10%O 80%M	0.629
62.00	GOCM 30%G 20%O 50%M	0.513
20.00	Oil	0.205

Total Length: 210.00 ft Total Volume: 1.347 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments: Gravity w as 36 @ 50 degrees

