

TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Wiepking-Fullerton Energy**

4600 S. Downing St.
Englewood CO 80101

ATTN: Gregg Smith

19-10-55 Linclon, CO

Aloha Mula #4

Start Date: 2011.06.23 @ 20:10:15

End Date: 2011.06.24 @ 06:51:45

Job Ticket #: 43159 DST #: 3

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Wiepking-Fullerton Energy

Aloha Mula #4

4600 S. Downing St.
Englewood CO 80101

19-10-55 Lincoln, CO

ATTN: Gregg Smith

Job Ticket: 43159

DST#: 3

Test Start: 2011.06.23 @ 20:10:15

GENERAL INFORMATION:

Formation: Cherokee C Porosity

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:14:30

Time Test Ended: 06:51:45

Test Type: Conventional Bottom Hole

Tester: Mike Roberts

Unit No: 48

Interval: 7190.00 ft (KB) To 7220.00 ft (KB) (TVD)

Total Depth: 7220.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 5267.00 ft (KB)

5257.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 6669 Outside

Press@RunDepth: psig @ 7215.00 ft (KB)

Start Date: 2011.06.23

End Date:

2011.06.24

Capacity: 8000.00 psig

Last Calib.: 2011.06.24

Start Time: 20:10:15

End Time:

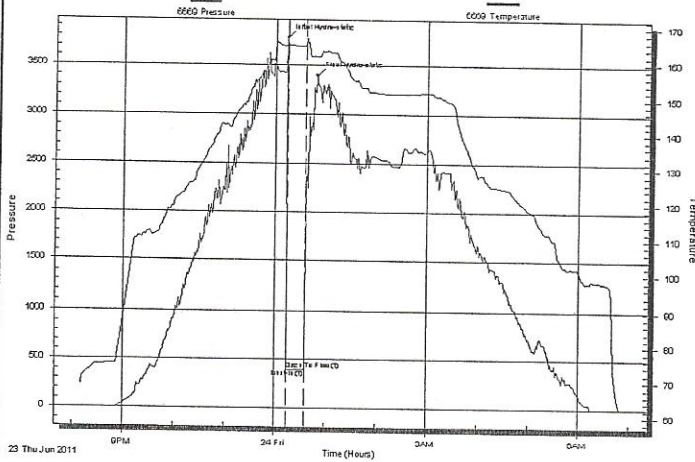
06:51:45

Time On Btm: 2011.06.24 @ 00:13:30

Time Off Btm: 2011.06.24 @ 00:49:15

TEST COMMENT: IF: Built to 3/4" blow
IS: PACKER FAILURE
FF:
FS:

Pressure vs. Time



PRESSURE SUMMARY

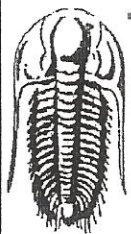
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	3780.45	165.30	Initial Hydro-static
1	398.23	165.70	Open To Flow (1)
23	391.52	165.00	Shut-In(1)
36	3399.36	161.94	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
282.00	gcm 2%g 98%m	1.39
3290.00	m 100% m	43.79

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Wiepking-Fullerton Energy

Aloha Mula #4

4600 S. Downing St.
Englewood CO 80101

19-10-55 Lincoln, CO

Job Ticket: 43159

DST#: 3

ATTN: Gregg Smith

Test Start: 2011.06.23 @ 20:10:15

Tool Information

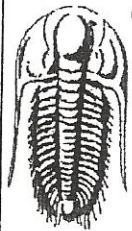
Drill Pipe:	Length: 6650.00 ft	Diameter: 3.80 inches	Volume: 93.28 bbl	Tool Weight: 1500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 541.00 ft	Diameter: 2.25 inches	Volume: 2.66 bbl	Weight to Full Loose: 150000.0 lb
			<u>Total Volume: 95.94 bbl</u>	Tool Chased: 0.00 ft
Drill Pipe Above KB:	32.00 ft			String Weight: Initial 100000.0 lb
Depth to Top Packer:	7190.00 ft			Final 120000.0 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	30.00 ft			
Tool Length:	61.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			7160.00	
Shut In Tool	5.00			7165.00	
Sampler	3.00			7168.00	
Hydraulic tool	5.00			7173.00	
Jars	5.00			7178.00	
Safety Joint	3.00			7181.00	
Packer	5.00			7186.00	31.00 Bottom Of Top Packer
Packer	4.00			7190.00	
Stubb	1.00			7191.00	
Perforations	24.00			7215.00	
Recorder	0.00	8358	Outside	7215.00	
Recorder	0.00	6669	Outside	7215.00	
Bullnose	5.00			7220.00	30.00 Bottom Packers & Anchor

Total Tool Length: 61.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Wepking-Fullerton Energy

Aloha Mula #4

4600 S. Downing St.
Englewood CO 80101

19-10-55 Linclon, CO

ATTN: Gregg Smith

Job Ticket: 43159

DST#: 3

Test Start: 2011.06.23 @ 20:10:15

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 74.00 sec/qt

Water Loss: 7.96 in³

Resistivity: 0.00 ohm.m

Salinity: 400.00 ppm

Filter Cake: 1.00 inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

ft

bbbl

psig

Oil API:

Water Salinity:

0 deg API

0 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
282.00	gcm 2%g 98% m	1.387
3290.00	m 100% m	43.791

Total Length: 3572.00 ft Total Volume: 45.178 bbl

Num Fluid Samples: 0

Num Gas Borrs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: SAMPLER= 2000 ML of Mud

Pressure vs. Time

