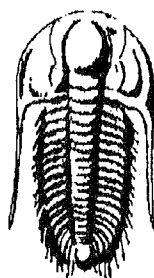


15-069-20316

30-27s-30w

MD



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Bengalia Land and Cattle Co.**

1633 S. Boston
Tulsa Ok, 74119

ATTN: Teddy Adkins

30/27s/30w Gray KS

Maxine #1-30

Start Date: 2009.10.07 @ 01:00:50

End Date: 2009.10.07 @ 18:48:20

Job Ticket #: 37551

DST #: 1

15-069-20316-0000

RECEIVED
KANSAS CORPORATION COMMISSION
FEB 16 2010
CONSERVATION DIVISION
WICHITA, KS

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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

Bengalia Land and Cattle Co.

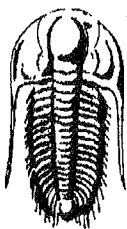
Maxine #1-30

30/27s/30w Gray KS

DST # 1

St. Louis 'c'

2009.10.07



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Bengalia Land and Cattle Co.

1633 S. Boston
Tulsa Ok, 74119

ATTN: Teddy Adkins

Maxine #1-30

30/27s/30w Gray KS

Job Ticket: 37551

DST#: 1

Test Start: 2009.10.07 @ 01:00:50

GENERAL INFORMATION:

Formation: **St. Louis 'c'**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 10:05:20

Time Test Ended: 18:48:20

Test Type: Conventional Bottom Hole

Tester: Mike Slomp

Unit No: 28

Interval: 5286.00 ft (KB) To 5309.00 ft (KB) (TVD)

Total Depth: 5309.00 ft (KB) (TVD)

Hole Diameter: 7.78 inches Hole Condition: Fair

Reference Elevations: 2829.00 ft (KB)

2817.00 ft (CF)

KB to GR/CF: 12.00 ft

Serial #: 6751

Inside

Press@RunDepth: 24.22 psig @ 5288.00 ft (KB)

Start Date: 2009.10.07

End Date:

2009.10.07

Start Time: 01:00:51

End Time:

18:48:19

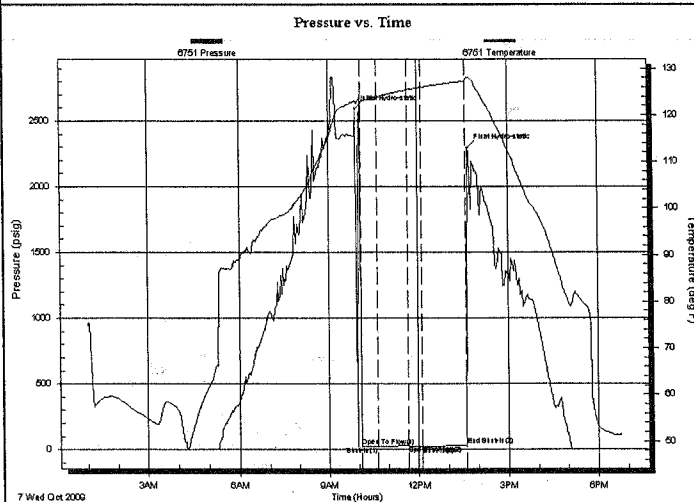
Capacity: 8000.00 psig

Last Calib.: 2009.10.07

Time On Btm: 2009.10.07 @ 09:54:20

Time Off Btm: 2009.10.07 @ 13:40:35

TEST COMMENT: IF- No blow
IS- No blow back
FF- No blow
FSI- No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2590.33	123.02	Initial Hydro-static
11	25.66	122.80	Open To Flow (1)
44	24.22	123.84	Shut-In(1)
105	27.68	125.37	End Shut-In(1)
106	26.97	125.39	Open To Flow (2)
135	25.22	125.97	Shut-In(2)
223	29.05	127.28	End Shut-In(2)
227	2291.23	128.07	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	100% mud	0.02

Gas Rates

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Bengalia Land and Cattle Co.

Maxine #1-30

1633 S. Boston
Tulsa Ok, 74119

30/27s/30w Gray KS

Job Ticket: 37551

DST#: 1

ATTN: Teddy Adkins

Test Start: 2009.10.07 @ 01:00:50

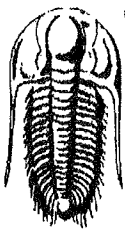
Tool Information

Drill Pipe:	Length: 4669.00 ft	Diameter: 3.80 inches	Volume: 65.49 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 600.00 ft	Diameter: 2.25 inches	Volume: 2.95 bbl	Weight to Pull Loose: 140000.0 lb
		Total Volume: 68.44 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	10.00 ft			String Weight: Initial 125000.0 lb
Depth to Top Packer:	5286.00 ft			Final 125000.0 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	23.00 ft			
Tool Length:	50.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
------------------	-------------	------------	----------	------------	----------------

Change Over Sub	1.00			5260.00	
Shut In Tool	5.00			5265.00	
Hydraulic tool	5.00			5270.00	
Jars	5.00			5275.00	
Safety Joint	2.00			5277.00	
Packer	5.00		Fluid	5282.00	27.00 Bottom Of Top Packer
Packer	4.00			5286.00	
Stubb	1.00			5287.00	
Perforations	1.00			5288.00	
Recorder	0.00	6751	Inside	5288.00	
Recorder	0.00	8321	Inside	5288.00	
Perforations	18.00			5306.00	
Bullnose	3.00			5309.00	23.00 Bottom Packers & Anchor

Total Tool Length: 50.00



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Bengalia Land and Cattle Co.

Maxine #1-30

1633 S. Boston
Tulsa Ok, 74119

30/27s/30w Gray KS

Job Ticket: 37551

DST#: 1

ATTN: Teddy Adkins

Test Start: 2009.10.07 @ 01:00:50

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:

ppm

Viscosity: 42.00 sec/qt

Cushion Volume:

bbl

Water Loss: 6.19 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	100% mud	0.025

Total Length:

5.00 ft

Total Volume:

0.025 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

DST Test Number: 1

30/27s/30w Gray KS

Bengalia Land and Cattle Co.

Inside

Serial #: 6751

Pressure vs. Time

