



DRILL STEM TEST REPORT

Prepared For: **Blue Ridge Petroleum**

P.O. Box 1913
Enid, OK 73702

ATTN: Jim Musgrove

11-19-26 Ness

Antenen 1-11

Start Date: 2006.01.03 @ 18:51:07

End Date: 2006.01.04 @ 05:19:17

Job Ticket #: 22619 DST #: 1

15-135-24414

390 FUL 2510 FUL

NZ NZ NZ

RECEIVED
KANSAS CORPORATION COMMISSION

DEC 05 2007

CONSERVATION DIVISION
WICHITA, KS

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Blue Ridge Petroleum

Antenen 1-11

11-19-26 Ness

DST # 1

Mississippi

2006.01.03



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Blue Ridge Petroleum

P.O. Box 1913
Enid, OK 73702

ATTN: Jim Musgrove

Antenen 1-11

11-19-26 Ness

Job Ticket: 22619

DST#: 1

Test Start: 2006.01.03 @ 18:51:07

GENERAL INFORMATION:

Formation: **Mississippi**

Deviated: **No** Whipstock: **ft (KB)**

Time Tool Opened: 22:10:02

Time Test Ended: 05:19:17

Test Type: **Conventional Bottom Hole**

Tester: **Brandon Turley**

Unit No: **35**

Interval: **4515.00 ft (KB) To 4551.00 ft (KB) (TVD)**

Total Depth: **4551.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: **Good**

Reference Elevations: **2595.00 ft (KB)**

2585.00 ft (CF)

KB to GR/CF: **10.00 ft**

Serial #: **6772**

Inside

Press@RunDepth: **257.60 psig @ 4516.00 ft (KB)**

Start Date: **2006.01.03**

End Date: **2006.01.04**

Start Time: **18:51:07**

End Time: **05:19:17**

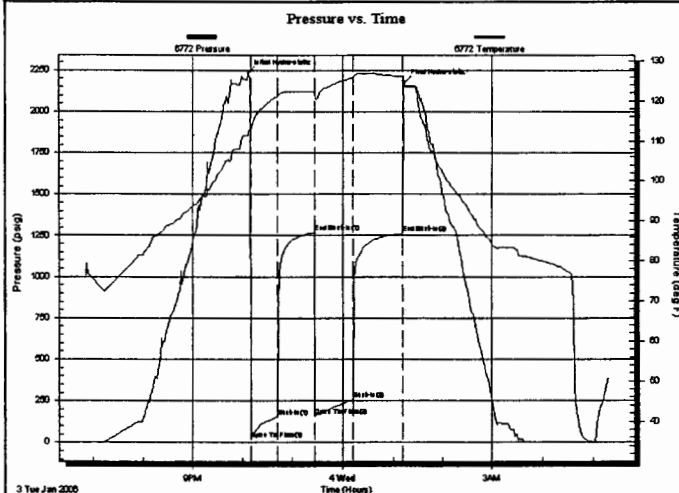
Capacity: **7000.00 psig**

Last Calib.: **1899.12.30**

Time On Btm: **2006.01.03 @ 22:07:17**

Time Off Btm: **2006.01.04 @ 01:13:01**

TEST COMMENT: IF: 1/4 blow BOB in 13 min.
IS: Weak surface blow built to 1 1/2 in 45 min.
FF: 1/4 blow BOB in 14 min.
FS: Surface blow built to 3 in 60 min.



PRESSURE SUMMARY

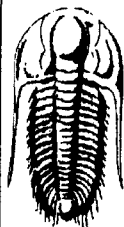
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2232.58	111.97	Initial Hydro-static
3	21.54	112.35	Open To Flow (1)
36	154.77	121.16	Shut-In(1)
80	1268.49	122.22	End Shut-In(1)
80	158.77	121.82	Open To Flow (2)
125	257.60	125.69	Shut-In(2)
185	1262.56	126.01	End Shut-In(2)
186	2175.96	124.38	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	gocw m 5%g 10%o 5%w 80%m	0.30
120.00	gocm 5%g 5%o 90%m	0.59
60.00	gocm 10%g 10%o 80%m	0.31
62.00	mco 30%g 40%o 30%m	0.87
340.00	go 10%g 90%o	4.77

Gas Rates

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Blue Ridge Petroleum

Antenen 1-11

P.O. Box 1913
Enid, OK 73702

11-19-26 Ness

Job Ticket: 22619

DST#: 1

ATTN: Jim Musgrove

Test Start: 2006.01.03 @ 18:51:07

Tool Information

Drill Pipe:	Length: 4274.00 ft	Diameter: 3.80 inches	Volume: 59.95 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: 30000.00 lb
Drill Collar:	Length: 238.00 ft	Diameter: 2.25 inches	Volume: 1.17 bbl	Weight to Pull Loose: 70000.00 lb
		Total Volume:	61.12 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	17.00 ft			String Weight: Initial 60000.00 lb
Depth to Top Packer:	4515.00 ft			Final 64000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	36.00 ft			
Tool Length:	56.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

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

Stubb	1.00			4496.00	
Shut In Tool	5.00			4501.00	
Hydraulic tool	5.00			4506.00	
Packer	5.00			4511.00	20.00 Bottom Of Top Packer
Packer	4.00			4515.00	
Stubb	1.00			4516.00	
Recorder	0.00	6772	Inside	4516.00	
Perforations	30.00			4546.00	
Recorder	0.00	7437	Outside	4546.00	
Bullnose	5.00			4551.00	36.00 Bottom Packers & Anchor
Total Tool Length:	56.00				



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Blue Ridge Petroleum

Antenen 1-11

P.O. Box 1913 -
Enid, OK 73702

11-19-26 Ness

Job Ticket: 22619

DST#: 1

ATTN: Jim Musgrove

Test Start: 2006.01.03 @ 18:51:07

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

36 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 44.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.18 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 2800.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	gocw m 5%g 10%o 5%w 80%m	0.295
120.00	gocm 5%g 5%o 90%m	0.590
60.00	gocm 10%g 10%o 80%m	0.313
62.00	mcgo 30%g 40%o 30%m	0.870
340.00	go 10%g 90%o	4.769

Total Length: 642.00 ft

Total Volume: 6.837 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

