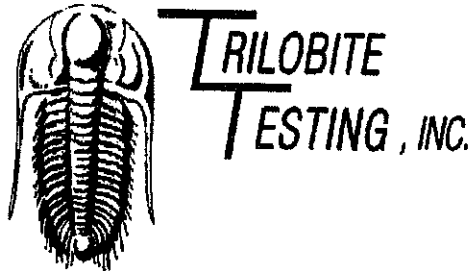


API # 15-171-20645-00-00



DRILL STEM TEST REPORT

Prepared For: **Red Oak Energy Inc**

7701 E Kellogg Ste 710
Wichita KS 67207

ATTN: Scott Banks

4 20 34 Scott KS

Harkness 2-4

Start Date: 2006.12.10 @ 18:13:00

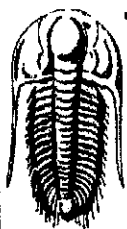
End Date: 2006.12.11 @ 03:30:55

Job Ticket #: 25545 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Red Oak Energy Inc

7701 E Kellogg Ste 710
Wichita KS 67207

ATTN: Scott Banks

Harkness 2-4

4 20 34 Scott KS

Job Ticket: 25545

DST#: 1

Test Start: 2006.12.10 @ 18:13:00

GENERAL INFORMATION:

Formation: **Marmaton**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 21:05:10

Time Test Ended: 03:30:55

Test Type: Conventional Bottom Hole

Tester: Brandon Turley

Unit No: 35

Interval: **4420.00 ft (KB) To 4556.00 ft (KB) (TVD)**

Total Depth: 4556.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 3043.00 ft (KB)

3033.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 6772

Inside

Press@RunDepth: 182.36 psig @ 4421.00 ft (KB)

Start Date: 2006.12.10

End Date:

2006.12.11

Start Time: 18:13:00

End Time:

03:30:55

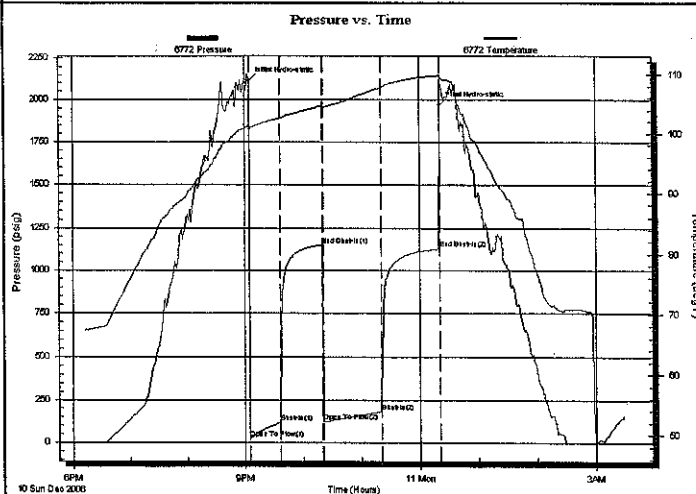
Capacity: 7000.00 psig

Last Calib.: 2006.12.11

Time On Btm: 2006.12.10 @ 21:04:55

Time Off Btm: 2006.12.11 @ 00:20:54

TEST COMMENT: IF 1/4 blow built to 8 in 30 min.
IS No return
FF Surface blow BOB in 58 min.
FS No return



PRESSURE SUMMARY

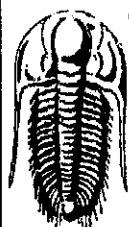
Time (Mn.)	Pressure (psig)	Temp (deg F)	Annotation
0	2113.02	101.27	Initial Hydro-static
1	23.83	100.44	Open To Flow (1)
32	118.96	102.61	Shut-In(1)
76	1149.61	104.69	End Shut-In(1)
76	122.18	104.49	Open To Flow (2)
136	182.36	107.69	Shut-In(2)
196	1129.00	109.79	End Shut-In(2)
196	1969.86	110.01	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
122.00	MCW 70%W 30%M	0.60
124.00	WCM 10%W 90%M	0.93
124.00	100%M	1.74

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Red Oak Energy Inc

Harkness 2-4

7701 E Kellogg Ste 710
Wichita KS 67207

4 20 34 Scott KS

Job Ticket: 25545

DST#: 1

ATTN: Scott Banks

Test Start: 2006.12.10 @ 18:13:00

Tool Information

Drill Pipe:	Length: 4192.00 ft	Diameter: 3.80 inches	Volume: 58.80 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: 211.00 ft	Diameter: 2.25 inches	Volume: 1.04 bbl	Weight to Pull Loose: 92000.00 lb
			Total Volume: 59.84 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	10.00 ft			String Weight: Initial 82000.00 lb
Depth to Top Packer:	4420.00 ft			Final 84000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	136.00 ft			
Tool Length:	163.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Stubb	1.00			4394.00	
Shut In Tool	5.00			4399.00	
Hydraulic tool	5.00			4404.00	
Jars	5.00			4409.00	
Safety Joint	2.00			4411.00	
Packer	5.00			4416.00	27.00 Bottom Of Top Packer
Packer	4.00			4420.00	
Stubb	1.00			4421.00	
Recorder	0.00	6772	Inside	4421.00	
Perforations	3.00			4424.00	
Change Over Sub	1.00			4425.00	
Drill Pipe	125.00			4550.00	
Change Over Sub	1.00			4551.00	
Recorder	0.00	7437	Outside	4551.00	
Bullnose	5.00			4556.00	136.00 Bottom Packers & Anchor
Total Tool Length:		163.00			



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Red Oak Energy Inc

Harkness 2-4

7701 E Kellogg Ste 710
Wichita KS 67207

4 20 34 Scott KS

Job Ticket: 25545

DST#: 1

ATTN: Scott Banks

Test Start: 2006.12.10 @ 18:13:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

31000 ppm

Viscosity: 54.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.98 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3100.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
122.00	MCW 70%W 30%M	0.600
124.00	WCM 10%W 90%M	0.929
124.00	100%M	1.739

Total Length: 370.00 ft

Total Volume: 3.268 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

