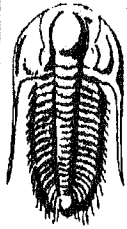


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14-33-11w

1165 ✓



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Chieftain Oil Co Inc
 PO Box 124
 Kiowa KS 67070-1912
 ATTN: Ardeb Ratzlaff

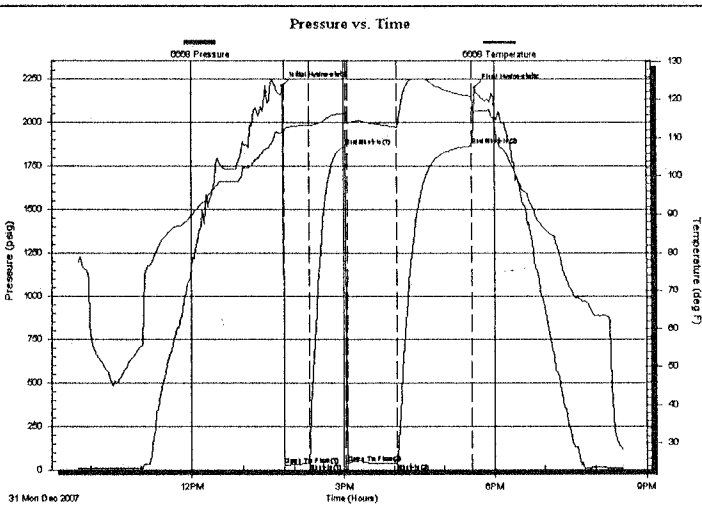
Circle B #2
14 33 11 Barber KS
 Job Ticket: 29826 **DST#: 1**
 Test Start: 2007.12.31 @ 09:43:49

GENERAL INFORMATION:

Formation: **Pawnee**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 13:48:49
 Time Test Ended: 20:33:49
 Interval: **4416.00 ft (KB) To 4448.00 ft (KB) (TVD)**
 Total Depth: 4448.00 ft (KB) (TVD)
 Hole Diameter: 7.80 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole
 Tester: Travvy Cushenbery
 Unit No: 30
 Reference Elevations: 1489.00 ft (KB)
 1477.00 ft (CF)
 KB to GR/CF: 12.00 ft

Serial #: 6668 **Inside**
 Press@RunDepth: 38.74 psig @ 4416.00 ft (KB) Capacity: 7000.00 psig
 Start Date: 2007.12.31 End Date: 2007.12.31 Last Calib.: 2007.12.31
 Start Time: 09:44:49 End Time: 20:33:49 Time On Btm: 2007.12.31 @ 13:46:49
 Time Off Btm: 2007.12.31 @ 17:36:49

TEST COMMENT: IF Strong blow BOB in 30 secs.
 ISI Bled off No blow back
 FF Strong blow BOB immediately GTS in 14 mins. See gas report
 FSI Bled off No blow back



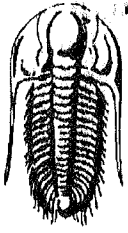
PRESSURE SUMMARY			
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2208.39	111.55	Initial Hydro-static
2	28.49	111.73	Open To Flow (1)
31	36.71	113.24	Shut-In (1)
75	1861.16	116.40	End Shut-In (1)
77	35.22	113.63	Open To Flow (2)
137	38.74	112.82	Shut-In (2)
226	1864.31	120.83	End Shut-In (2)
230	2197.46	116.90	Final Hydro-static

Recovery		
Length (ft)	Description	Volume (bbl)
60.00	100%M	0.30

Gas Rates			
	Choke (Inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.13	7.00	8.01
Last Gas Rate	0.13	2.00	6.14
Max. Gas Rate	0.13	7.00	8.01

WYOMING CORPORATION COMMISSION
 APR 16 2009
 RECEIVED

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**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Chieftain Oil Co Inc

Circle B #2

PO Box 124
Kiowa KS 67070-1912

14 33 11 Barber KS

Job Ticket: 29826

DST#: 1

ATTN: Ardeb Ratzlaff

Test Start: 2007.12.31 @ 09:43:49

Tool Information

Drill Pipe:	Length: 4191.00 ft	Diameter: 3.80 inches	Volume: 58.79 bbl	Tool Weight: 2100.00 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: 232.00 ft	Diameter: 2.25 inches	Volume: 1.14 bbl	Weight to Pull Loose: 70000.00 lb
		Total Volume: 59.93 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	30.00 ft			String Weight: Initial 52000.00 lb
Depth to Top Packer:	4416.00 ft			Final 52000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	32.00 ft			
Tool Length:	55.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			4398.00	
Hydraulic tool	5.00			4403.00	
Safety Joint	3.00			4406.00	
Packer	5.00			4411.00	23.00 Bottom Of Top Packer
Packer	5.00			4416.00	
Recorder	0.00	8359	Inside	4416.00	
Recorder	0.00	6668	Inside	4416.00	
Perforations	29.00			4445.00	
Bullnose	3.00			4448.00	32.00 Bottom Packers & Anchor
Total Tool Length:	55.00				

