


15-007-23120

3-32s-10w

KB 2

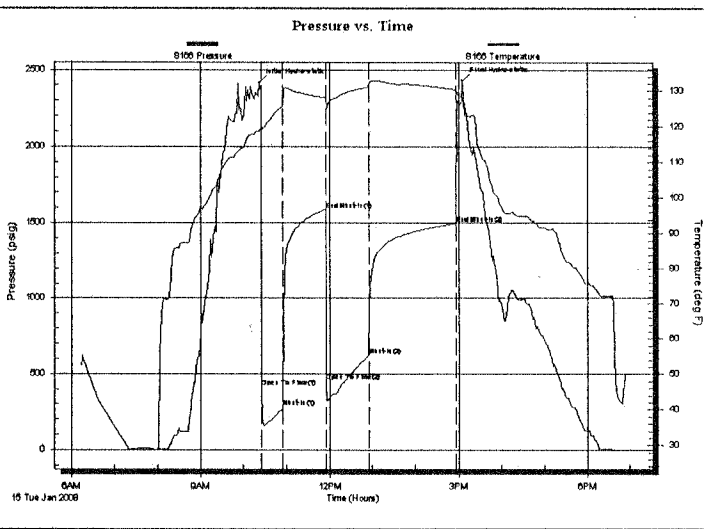
	DRILL STEM TEST REPORT	
	Chieftain Oil Co PO Box 124 Kiowa KS 67070 ATTN: Arden Ratzlaff	Rowe #2 3 32S 10W Barber KS Job Ticket: 31151 DST#: 1 Test Start: 2008.01.15 @ 06:12:56

GENERAL INFORMATION:

Formation: Viola	Test Type: Conventional Bottom Hole
Deviated: No Whipstock: ft (KB)	Tester: Leal Cason
Time Tool Opened: 10:24:46	Unit No: 24
Time Test Ended: 18:53:45	Reference Elevations: 1534.00 ft (KB)
Interval: 4655.00 ft (KB) To 4680.00 ft (KB) (TVD)	1522.00 ft (CF)
Total Depth: 4680.00 ft (KB) (TVD)	KB to GR/CF: 12.00 ft
Hole Diameter: 7.88 inches	Hole Condition: Good

Serial #: 8166	Inside	Capacity: 7000.00 psig
Press@RunDepth: 620.06 psig @ 4656.00 ft (KB)		Last Calib.: 2008.01.15
Start Date: 2008.01.15	End Date: 2008.01.15	Time On Btm: 2008.01.15 @ 10:22:36
Start Time: 06:13:01	End Time: 18:53:46	Time Off Btm: 2008.01.15 @ 15:05:36

TEST COMMENT: IF Strong Blow BOB in 20 sec GTS in 6 min Gauged Gas
 ISI Would not bleed off blow back built to BOB in 20 min
 FF Strong Blow BOB GTS immediate TSTM until 20 min Gauged Gas
 FSI BOB Blow back After 22



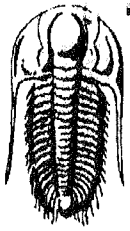
PRESSURE SUMMARY			
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2414.18	118.72	Initial Hydro-static
3	409.27	118.56	Open To Flow (1)
32	277.49	125.66	Shut-In(1)
93	1586.23	128.10	End Shut-In(1)
93	448.10	127.60	Open To Flow (2)
153	620.06	131.11	Shut-In(2)
274	1492.84	130.45	End Shut-In(2)
284	2428.95	128.07	Final Hydro-static

Recovery		
Length (ft)	Description	Volume (bbl)
0.00	GIP 2419 Feet	0.00
2232.00	GO 5%G 95%O	28.92

Gas Rates			
	Choke (Inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.50	18.00	218.56
Last Gas Rate	0.25	30.00	70.44
Max. Gas Rate	0.25	30.00	70.44

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3-32-10w



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Chieftain Oil Co

Rowe #2

PO Box 124
Kiowa KS 67070

3 32S 10W Barber KS

Job Ticket: 31151

DST#: 1

ATTN: Arden Ratzlaff

Test Start: 2008.01.15 @ 06:12:56

Tool Information

Drill Pipe:	Length: 4389.00 ft	Diameter: 3.80 inches	Volume: 61.57 bbl	Tool Weight: 2100.00 lb
Heavy Wt. Pipe:	Length: ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 262.00 ft	Diameter: 2.25 inches	Volume: 1.29 bbl	Weight to Pull Loose: 72000.00 lb
			<u>Total Volume: 62.86 bbl</u>	Tool Chased ft
Drill Pipe Above KB:	20.00 ft			String Weight: Initial 58000.00 lb
Depth to Top Packer:	4655.00 ft			Final 68000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	25.00 ft			
Tool Length:	49.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Circulating sub	1.00			4632.00	
Change Over Sub	1.00			4633.00	
Shut In Tool	5.00			4638.00	
Hydraulic tool	5.00			4643.00	
Safety Joint	3.00			4646.00	
Packer	5.00			4651.00	24.00 Bottom Of Top Packer
Packer	4.00			4655.00	
Stubb	1.00			4656.00	
Recorder	0.00	8166	Inside	4656.00	
Recorder	0.00	8356	Outside	4656.00	
Perforations	21.00			4677.00	
Bullnose	3.00			4680.00	25.00 Bottom Packers & Anchor

Total Tool Length: 49.00

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