



DRILL STEM TEST REPORT

Prepared For: **H&P Inc.**

1579 E 21st
Tulsa, Ok

ATTN: H&P Inc.

3-27-34 Haskell Ks

Federal #3

Start Date: 2001.03.14 @ 20:30:00

End Date: 2001.03.15 @ 07:50:00

Job Ticket #: 13674 DST #: 1

Trilobite Testing, Inc
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TESTING, INC

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Job Ticket: 13674

DST#: 1

Test Start: 2001.03.14 @ 20:30:00

GENERAL INFORMATION:

Formation: **Chester**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 23:46:56

Time Test Ended: 07:50:00

Test Type: Conventional Bottom Hole

Tester: Shane McBride

Unit No: 15

Interval: **5153.00 ft (KB) To 5180.00 ft (KB) (TVD)**

Total Depth: 5180.00 ft (KB)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2977.00 ft (KB)

2966.00 ft (CF)

KB to GR/CF: 11.00 ft

Serial #: 2346 Inside

Press@RunDepth: 125.94 psig @ 5159.00 ft (KB)

Start Date: 2001.03.14

End Date: 2001.03.15

Start Time: 20:35:01

End Time: 08:12:56

Capacity: 7000.00 psig

Last Calib.: 2001.03.14

Time On Btm: 2001.03.14 @ 23:44:56

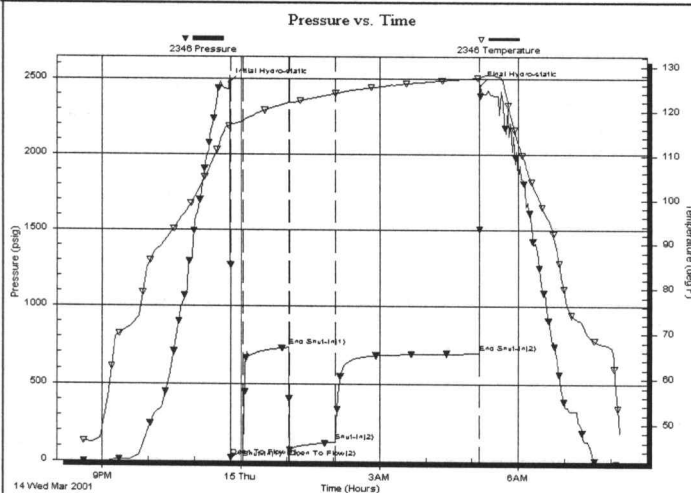
Time Off Btm: 2001.03.15 @ 05:10:56

TEST COMMENT: 80 psi in sampler .2cubic ft gas 2000ml mud 1600ml oil 3 1/2" blow

No return

B.O.B. in 35 min.

No return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
190	2468.43	116.81	Initial Hydro-static
192	21.16	117.03	Open To Flow (1)
208	66.38	117.88	Shut-In(1)
267	731.69	121.98	End Shut-In(1)
268	70.85	122.01	Open To Flow (2)
327	125.94	124.03	Shut-In(2)
514	694.28	127.59	End Shut-In(2)
516	2453.11	127.68	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
240.00	h o c m 5%g 45%0 50% m	1.18
60.00	weak gas in pipe	0.30

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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TOOL DIAGRAM

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DST#: 1

Test Start: 2001.03.14 @ 20:30:00

Tool Information

Drill Pipe:	Length:	4450.00 ft	Diameter:	3.80 inches	Volume:	62.42 bbl	Tool Weight:	1500.00 lb
Drill Collar:	Length:	708.00 ft	Diameter:	2.25 inches	Volume:	3.48 bbl	Weight set on Packer:	30000.00 lb
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	Weight to Pull Loose:	110000.0 lb
Drill Pipe Above KB:		31.00 ft					Tool Chased	0.00 ft
Depth to Top Packer:		5153.00 ft					String Weight: Initial	92000.00 lb
Depth to Bottom Packer:		ft					Final	94000.00 lb
Interval between Packers:		ft						
Tool Length:		53.00 ft						
Number of Packers:		2	Diameter:	6.75 inches				

Tool Comments

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
C.O. Sub	1.00			5128.00	
S.I. Tool	5.00			5133.00	
Sampler	3.00			5136.00	
HMV	5.00			5141.00	
Jars	5.00			5146.00	
Safety Joint	2.00			5148.00	
Packer	5.00			5153.00	26.00 Bottom Of Top Packer
Packer	5.00			5158.00	
Stubb	1.00			5159.00	
Recorder	0.00	2346	Inside	5159.00	
Anchor	16.00			5175.00	
Recorder	0.00	11058	Outside	5175.00	
Bullnose	5.00			5180.00	27.00 Bottom Packers & Anchor

Total Tool Length: 53.00

Pressure vs. Time

