

AUG 07 2001

CONSERVATION DIVISION
WICHITA, KS

15-187-20949



TRILOBITE
TESTING, INC

Release
NOV 04 2003
From
Confidential

DRILL STEM TEST REPORT

Prepared For: **Presco Western**

1775 Sherman St. Ste, 2950 Denver CO 80203

CONFIDENTIAL

KCC

ATTN: Brad Rine

AUG 05 2001

26-29S-40W Stanton

CONFIDENTIAL

Jones #1-226

Start Date: 2001.04.24 @ 14:45:00

End Date: 2001.04.24 @ 22:45:00

Job Ticket #: 13488

DST #: 1

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph:785-625-4778 fax:785-625-5620

Presco Western

Jones #1-226

26-29S-40W Stanton

DST # 1

Upper Morrow

2001.04.24



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Presco Western

1775 Sherman St. Ste, 2950 Denver CO 80203

ATTN: Brad Rine

Jones #1-226

26-29S-40W Stanton

Job Ticket: 13488

DST#: 1

Test Start: 2001.04.24 @ 14:45:00

GENERAL INFORMATION:

Formation: **Upper Morrow**

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

Time Tool Opened: 18:08:30

Time Test Ended: 22:45:00

Test Type: Conventional Bottom Hole

Tester: Blake Wallace

Unit No: 17

Interval: **5073.00 ft (KB) To 5130.00 ft (KB) (TVD)**

Total Depth: **5130.00 ft (KB) (TVD)**

Hole Diameter: **7.78 inches** Hole Condition: Fair

Reference Elevations: **3255.00 ft (KB)**

3244.00 ft (CF)

KB to GR/CF: **11.00 ft**

Serial #: **2350**

Inside

Press@RunDepth: **1116.91 psig @ 5075.00 ft (KB)**

Start Date: **2001.04.24**

End Date: **2001.04.24**

Capacity: **7000.00 psig**

Last Calib.: **2001.04.23**

Start Time: **15:54:01**

End Time: **22:50:00**

Time On Btm: **2001.04.24 @ 18:08:00**

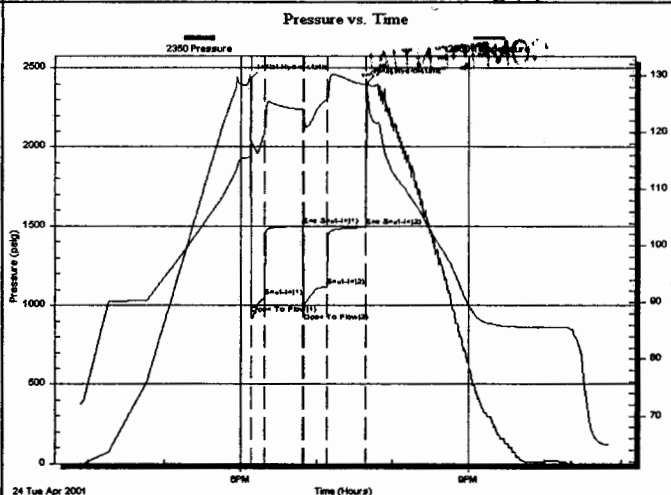
Time Off Btm: **2001.04.24 @ 19:39:45**

TEST COMMENT: 1st opening-strong blow BOB 30 sec gas to surface 1 min

ISI-no blow back

2nd opening-strong blow BOB as soon as open

FSI-no blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2431.00	115.85	Initial Hydro-static
1	939.21	116.44	Open To Flow (1)
11	1047.80	119.87	Shut-In(1)
41	1497.79	123.96	End Shut-In(1)
42	947.60	122.05	Open To Flow (2)
61	1116.91	125.78	Shut-In(2)
91	1490.64	128.39	End Shut-In(2)
92	2402.26	127.71	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
186.00	5% mud 95% condensate	0.91
186.00	100% salt water	0.91

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	1.00	130.00	4151.33
Last Gas Rate	1.00	210.00	6451.23
Max. Gas Rate	1.00	210.00	6451.23



**TRILOBITE
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DRILL STEM TEST REPORT

TOOL DIAGRAM

Presco Western

Jones #1-226

1775 Sherman St. Ste, 2950 Denver CO 80203

26-29S-40W Stanton

Job Ticket: 13488

DST#: 1

ATTN: Brad Rine

Test Start: 2001.04.24 @ 14:45:00

Tool Information

Drill Pipe:	Length: 4411.00 ft	Diameter: 3.80 inches	Volume: 61.87 bbl	Tool Weight: 1800.00 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: 647.00 ft	Diameter: 2.25 inches	Volume: 3.18 bbl	Weight to Pull Loose: 85000.00 lb
		Total Volume: 65.05 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	19.00 ft			String Weight: Initial 64000.00 lb
Depth to Top Packer:	5069.00 ft			Final 66000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	57.00 ft			
Tool Length:	87.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

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Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
C.O. Sub	1.00			5040.00	
S.I. Tool	5.00			5045.00	
Sampler	3.00			5048.00	
HMV	5.00			5053.00	
Jars	5.00			5058.00	
Safety Joint	2.00			5060.00	
Packer	5.00			5065.00	30.00 Bottom Of Top Packer
Packer	4.00			5069.00	
Stubb	1.00			5070.00	
Perforations	1.00			5071.00	
Recorder	0.00	2350	Inside	5071.00	
P.O. Sub	5.00			5076.00	
Perforations	10.00			5086.00	
C.O. Sub	1.00			5087.00	
Blank Spacing	31.00			5118.00	
C.O. Sub	1.00			5119.00	
Perforations	5.00			5124.00	
Recorder	0.00	13277	Outside	5124.00	
Bullnose	2.00			5126.00	57.00 Bottom Packers & Anchor

Total Tool Length: 87.00



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FLUID SUMMARY

Presco Western

Jones #1-226

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26-29S-40W Stanton

Job Ticket: 13488

DST#: 1

ATTN: Brad Rine

Test Start: 2001.04.24 @ 14:45:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil APt:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity: 100000 ppm

Viscosity: 44.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.94 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length	Description	Volume bbl
186.00	5% mud 95% condensate	0.915
186.00	100% salt water	0.915

Total Length: 372.00 ft Total Volume: 1.830 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW= .128 @ 50 deg = 100000 chlorides

1325 # = 5.8 cubic feet of gas

NATURAL GAS ANALYSIS REPORT

Sampled by:

Trilobite Testing, L. L. C.
Hays, Kansas
Scott City, Kansas
Phone: 800-728-5369
Fax: 913-625-5620

Analyzed by:

Caraway Analytical, Inc
P. O. Box 2137
Liberal, Kansas 67905
Phone: 316-624-5389
Fax: 316-626-7108

Lab Number: 20012050**Analyzed:** 04/25/01**Sample From:** Jones 1-226 DST 1**Pressure:****Producer:** Presco Western**Temperature:****Date: Location:** 26-29-40**Time:****County:** Stanton**Sampler:****State:** Kansas**Source:****Formation:** U Morrow

	Mole %	GPM
Helium	He: 0.415	0.000
Hydrogen	H2: 0.001	0.000
Oxygen	O2: 0.000	0.000
Nitrogen	N2: 16.850	0.000
Carbon Dioxide	CO2: 0.186	0.000
Methane	C1: 71.659	0.000
Ethane	C2: 4.960	1.327
Propane	C3: 3.823	1.053
Iso Butane	iC4: 0.410	0.134
Normal Butane	nC4: 0.944	0.298
Iso Pentane	iC5: 0.200	0.073
Normal Pentane	nC5: 0.208	0.075
Hexanes Plus	C6+: 0.344	0.150

TOTAL: 100.000 3.110**Z Fact:** 0.9977**SP.GR.:** 0.7234

BTU (SAT): 973.2 @ 14.73 psia
BTU (DRY): 990.4 @ 14.73 psia
OCTANE RATING: 103.6

COMMENTS:

0.000



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GAS RATES

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Job Ticket: 13488

DST#: 1

ATTN: Brad Rine

Test Start: 2001.04.24 @ 14:45:00

Gas Rates Information

Temperature: 59 deg C
Relative Density: 0.65
Z Factor: 0.8

Gas Rates Table

Flow Period	Elapsed Time	Choke (mm)	Pressure (kPaa)	Gas Rate (m ³ /d)
1	3	1.00	130.00	4151.33
1	3	1.00	130.00	4151.33
1	3	1.00	130.00	4151.33
1	10	1.00	193.00	5962.50
2	10	1.00	210.00	6451.23

Serial #: 2350

Inside

Presco Western

26-29S-40W Stanton

DST Test Number: 1

