



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

White Exploration inc  
2400 N Woodlaw n Ste 115  
Wichita, KS 67220  
ATTN: Dave Goldak

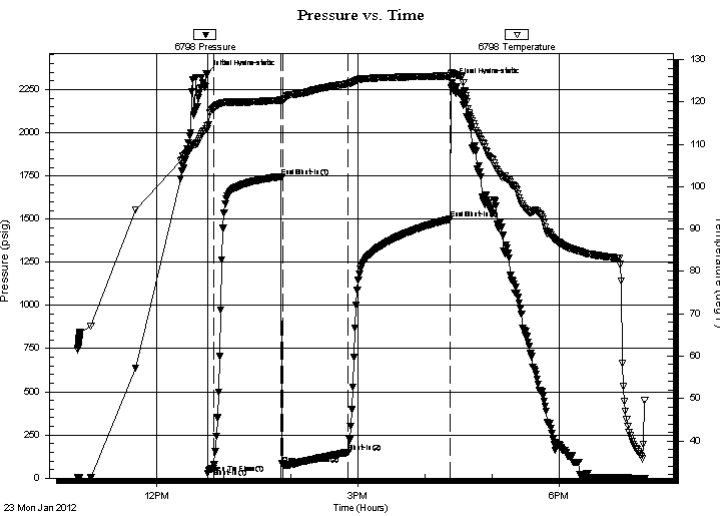
**22-32S-12W Barber**  
**Lonker A 1**  
Job Ticket: 44144      **DST#: 2**  
Test Start: 2012.01.23 @ 10:49:21

## GENERAL INFORMATION:

Formation: **Simpson**  
Deviated: No Whipstock: ft (KB)  
Time Tool Opened: 12:45:51  
Time Test Ended: 19:16:21  
Interval: **4656.00 ft (KB) To 4686.00 ft (KB) (TVD)**  
Total Depth: 4686.00 ft (KB) (TVD)  
Hole Diameter: 7.97 inches Hole Condition: Good  
Test Type: Conventional Bottom Hole (Reset)  
Tester: Leal Cason  
Unit No: 45  
Reference Elevations: 1491.00 ft (KB)  
1481.00 ft (CF)  
KB to GR/CF: 10.00 ft

**Serial #: 6798      Inside**  
Press @ Run Depth: 149.67 psig @ 4657.00 ft (KB)      Capacity: 8000.00 psig  
Start Date: 2012.01.23      End Date: 2012.01.23      Last Calib.: 2012.01.23  
Start Time: 10:49:22      End Time: 19:16:21      Time On Btm: 2012.01.23 @ 12:44:21  
Time Off Btm: 2012.01.23 @ 16:24:06

**TEST COMMENT:** IF: Strong Blow , BOB in 2 minutes  
IS: Blow back Built to 1 inch  
FF: Strong Blow , BOB immediate, GTS in 28 minutes, TSTM  
FS: 1 inch Blow back



PRESSURE SUMMARY			
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2339.57	113.76	Initial Hydro-static
2	26.76	113.78	Open To Flow (1)
7	58.77	118.46	Shut-In(1)
67	1745.69	120.42	End Shut-In(1)
69	78.19	120.40	Open To Flow (2)
127	149.67	124.32	Shut-In(2)
219	1500.21	126.14	End Shut-In(2)
220	2287.94	126.99	Final Hydro-static

Recovery		
Length (ft)	Description	Volume (bbl)
0.00	GIP 4167 Feet	0.00
120.00	GOCM 30%G 10%O 60%M	0.59
180.00	GOCM 10%G 30%O 60%M	2.50
120.00	GMCO 10%G 20%M 70%O	1.68
50.00	Gassy Oil 20% G 80%O	0.70

\* Recovery from multiple tests

Gas Rates			
	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



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**FLUID SUMMARY**

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## Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API: 30.8 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: ppm
Viscosity: 45.00 sec/qt	Cushion Volume: bbl	
Water Loss: 9.19 in <sup>3</sup>	Gas Cushion Type:	
Resistivity: ohm.m	Gas Cushion Pressure: psig	
Salinity: 5500.00 ppm		
Filter Cake: 0.20 inches		

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	GIP 4167 Feet	0.000
120.00	GOCM 30%G 10%O 60%M	0.590
180.00	GOCM 10%G 30%O 60%M	2.498
120.00	GMCO 10%G 20%M 70%O	1.683
50.00	Gassy Oil 20% G 80%O	0.701

Total Length: 470.00 ft      Total Volume: 5.472 bbl  
 Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:  
 Laboratory Name:      Laboratory Location:  
 Recovery Comments: Gravity w as 31 @ 62 degrees

# Pressure vs. Time

