



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

White Exploration, Inc.  
 2400 N Woodlaw n  
 Ste 115 Wichita Ks 67220  
 ATTN: Derek Patterson

**Wasinger #2**  
**19s-9s21w, Grahan, Ks**  
 Job Ticket: 43907 **DST#: 1**  
 Test Start: 2011.07.03 @ 08:00:42

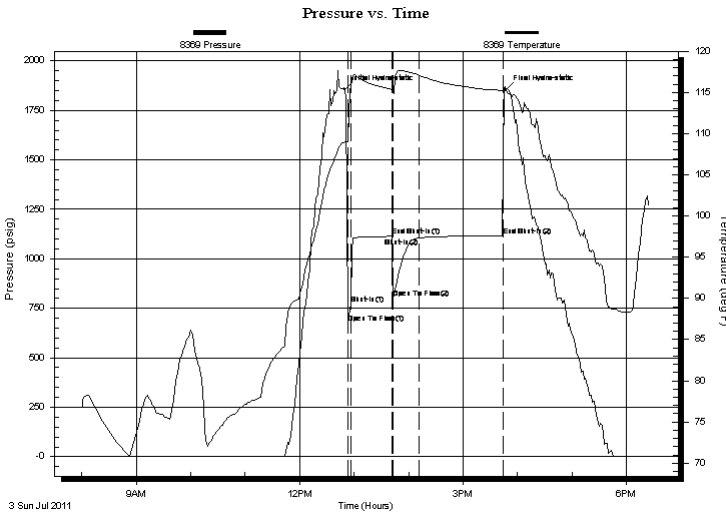
## GENERAL INFORMATION:

Formation: **Arbuckle**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 12:52:42  
 Time Test Ended: 18:26:12  
 Interval: **3760.00 ft (KB) To 3880.00 ft (KB) (TVD)**  
 Total Depth: 3880.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Fair  
 Test Type: Conventional Bottom Hole  
 Tester: Brett Dickinson  
 Unit No: 47  
 Reference Elevations: 2342.00 ft (KB)  
 2337.00 ft (CF)  
 KB to GR/CF: 5.00 ft

**Serial #: 8369 Outside**  
 Press @ Run Depth: 1106.11 psig @ 3766.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2011.07.03 End Date: 2011.07.03 Last Calib.: 2011.07.03  
 Start Time: 08:00:47 End Time: 18:26:12 Time On Btm: 2011.07.03 @ 12:49:42  
 Time Off Btm: 2011.07.03 @ 15:47:12

**TEST COMMENT:** IF-BoB 15 sec  
 IS- No Blow  
 FF-BoB in 30sec  
 FS- No blow

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1856.68	109.00	Initial Hydro-static
3	677.63	108.96	Open To Flow (1)
7	771.80	116.01	Shut-In(1)
52	1113.92	115.38	End Shut-In(1)
53	801.36	115.18	Open To Flow (2)
82	1106.11	117.07	Shut-In(2)
174	1117.98	115.23	End Shut-In(2)
178	1853.25	115.41	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
1800.00	Water	23.57
560.00	MCW 70%W 30%M	7.86
80.00	Oilspotted MCW 55%W 45%M	1.12

## 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:	deg API
Mud Weight: 10.00 lb/gal	Cushion Length: ft	Water Salinity:	32000 ppm
Viscosity: 51.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.59 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 2000.00 ppm			
Filter Cake: inches			

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1800.00	Water	23.573
560.00	MCW 70%W 30%M	7.855
80.00	Oilspotted MCW 55%W 45%M	1.122

Total Length: 2440.00 ft      Total Volume: 32.550 bbl  
Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:  
Laboratory Name:      Laboratory Location:  
Recovery Comments: RW .16

