



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

IA Operating Inc  
 9915 W 21 st  
 Ste B Wichita Ks 67205  
 ATTN: Marc Downing

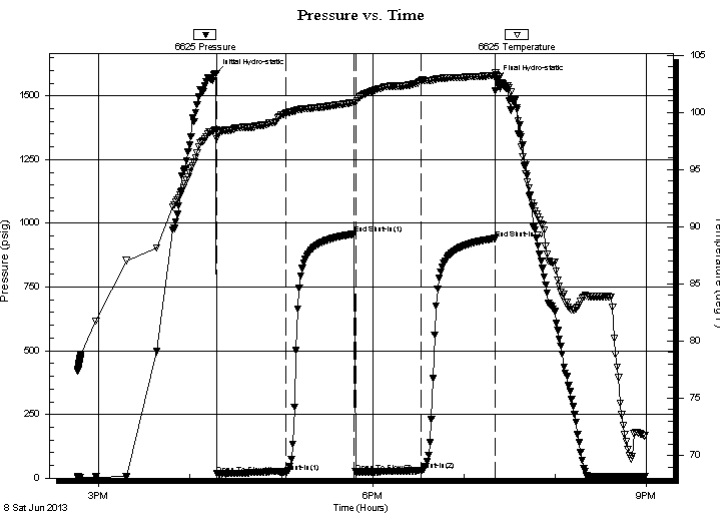
**6-11s-18w**  
**Peavey D #6-1**  
 Job Ticket: 53864 **DST#: 2**  
 Test Start: 2013.06.08 @ 14:46:09

## GENERAL INFORMATION:

Formation: **LKC-E-F**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 16:17:39  
 Time Test Ended: 21:15:39  
 Interval: **3262.00 ft (KB) To 3289.00 ft (KB) (TVD)**  
 Total Depth: 3289.00 ft (KB) (TVD)  
 Hole Diameter: 7.80 inches Hole Condition: Good  
 Test Type: Conventional Bottom Hole (Reset)  
 Tester: Jeff Brown  
 Unit No: 67  
 Reference Elevations: 1954.00 ft (KB)  
 1948.00 ft (CF)  
 KB to GR/CF: 6.00 ft

**Serial #: 6625 Outside**  
 Press @ Run Depth: 29.62 psig @ 3266.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2013.06.08 End Date: 2013.06.08 Last Calib.: 2013.06.08  
 Start Time: 14:46:10 End Time: 20:58:39 Time On Btm: 2013.06.08 @ 16:17:09  
 Time Off Btm: 2013.06.08 @ 19:21:09

**TEST COMMENT:** IFP=Weak blow built to 2 3/4 in  
 ISI=Dead no blow back  
 FFP=Weak blow built to 3/4 in  
 FSI=Dead no blow back



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1588.54	98.45	Initial Hydro-static
1	16.27	97.69	Open To Flow (1)
46	24.16	99.92	Shut-In(1)
91	957.96	100.86	End Shut-In(1)
92	24.40	100.83	Open To Flow (2)
135	29.62	102.79	Shut-In(2)
183	940.32	103.23	End Shut-In(2)
184	1563.11	103.27	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
5.00	VSOCWM 2%O 20%W 78%M	0.07
31.00	Mud with a scum of oil	0.43

\* Recovery from multiple tests

## Gas Rates

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



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**FLUID SUMMARY**

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**6-11s-18w**  
**Peavey D #6-1**  
Job Ticket: 53864      **DST#: 2**  
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## Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 49.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.99 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 4000.00 ppm			
Filter Cake: inches			

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	VSOCWM 2%O 20%W 78%M	0.070
31.00	Mud with a scum of oil	0.435

Total Length: 36.00 ft      Total Volume: 0.505 bbl  
 Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:  
 Laboratory Name:      Laboratory Location:  
 Recovery Comments:

### Pressure vs. Time

