



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

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

6-11s-18w
Peavey D #6-1
 Job Ticket: 53865 **DST#: 3**
 Test Start: 2013.06.09 @ 08:08:23

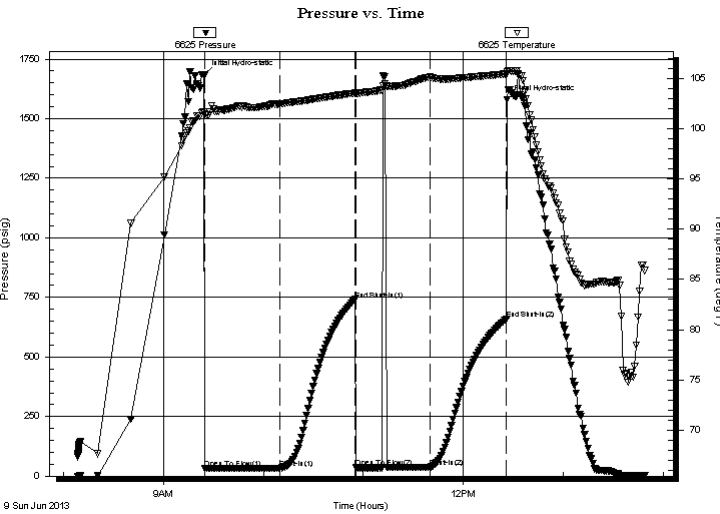
GENERAL INFORMATION:

Formation: **LKC-I-K**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 09:24:53
 Time Test Ended: 13:55:23
Interval: 3339.00 ft (KB) To 3408.00 ft (KB) (TVD)
 Total Depth: 3408.00 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: 37.17 psig @ 3376.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2013.06.09 End Date: 2013.06.09 Last Calib.: 2013.06.09
 Start Time: 08:08:24 End Time: 13:49:23 Time On Btm: 2013.06.09 @ 09:24:23
 Time Off Btm: 2013.06.09 @ 12:26:23

TEST COMMENT: IFP=Weak blow built to 1 1/4 in
 ISI=Dead no blow back
 FFP=Dead-Flushed tool surged-Then died
 FSI=Dead no blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1684.03	101.67	Initial Hydro-static
1	33.27	101.40	Open To Flow (1)
46	34.21	102.42	Shut-In(1)
91	741.36	103.52	End Shut-In(1)
91	35.94	103.48	Open To Flow (2)
136	37.17	105.10	Shut-In(2)
182	660.07	105.42	End Shut-In(2)
182	1579.68	105.68	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
15.00	Mud w ith oil spots	0.21

* 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:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 50.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.79 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 8000.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
15.00	Mud w ith oil spots	0.210

Total Length: 15.00 ft Total Volume: 0.210 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:

Pressure vs. Time

