



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: 53863 **DST#: 1**
 Test Start: 2013.06.08 @ 02:13:21

GENERAL INFORMATION:

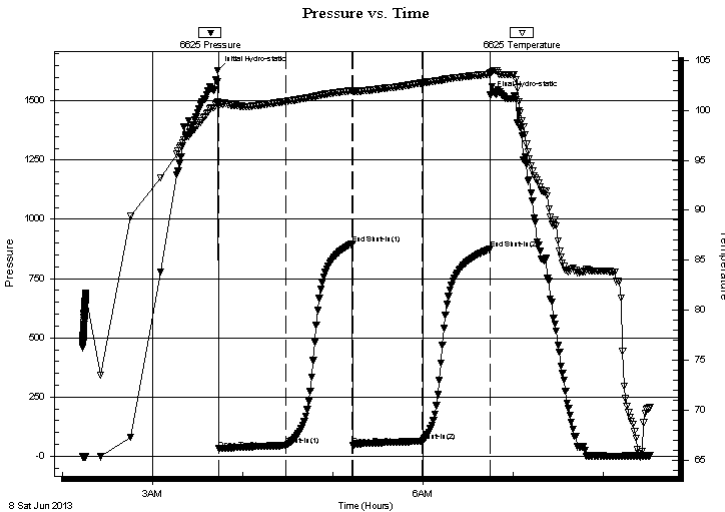
Formation: **LKC-C-D**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Initial)
 Time Tool Opened: 03:43:51 Tester: Jeff Brown
 Time Test Ended: 08:32:21 Unit No: 67
 Interval: **3212.00 ft (KB) To 3264.00 ft (KB) (TVD)** Reference Elevations: 1954.00 ft (KB)
 Total Depth: 3264.00 ft (KB) (TVD) 1948.00 ft (CF)
 Hole Diameter: 7.80 inches Hole Condition: Good KB to GR/CF: 6.00 ft

Serial #: 6625 Outside

Press @ Run Depth: 63.57 psig @ 3249.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2013.06.08 End Date: 2013.06.08 Last Calib.: 2013.06.08
 Start Time: 02:13:22 End Time: 08:31:21 Time On Btm: 2013.06.08 @ 03:43:21
 Time Off Btm: 2013.06.08 @ 06:44:51

TEST COMMENT: IFP=Good blow BOB in 24 1/2 min
 ISI=Dead no blow back
 FFP=Good blow BOB in 19 min
 FSI=Dead no blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1629.28	100.80	Initial Hydro-static
1	30.58	100.56	Open To Flow (1)
46	46.03	100.90	Shut-In(1)
90	897.67	101.97	End Shut-In(1)
90	46.13	101.92	Open To Flow (2)
136	63.57	102.73	Shut-In(2)
181	874.14	103.61	End Shut-In(2)
182	1524.75	103.79	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
32.00	HOCM 45%O 55%M	0.45
63.00	HOCGM 20%G 35%O 45%M	0.88
	346-GIP	

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: 74.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.59 in ³	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
32.00	HOCM 45%O 55%M	0.449
63.00	HOCGM 20%G 35%O 45%M	0.884
	346-GIP	

Total Length: 95.00 ft Total Volume: 1.333 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:

