

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Abarta Oil & Gas Co., Inc.

Hoffman #2

1000 Gamma Dr.
Ste. #400
Pittsburgh, PA 15238
ATTN: Josh Austin

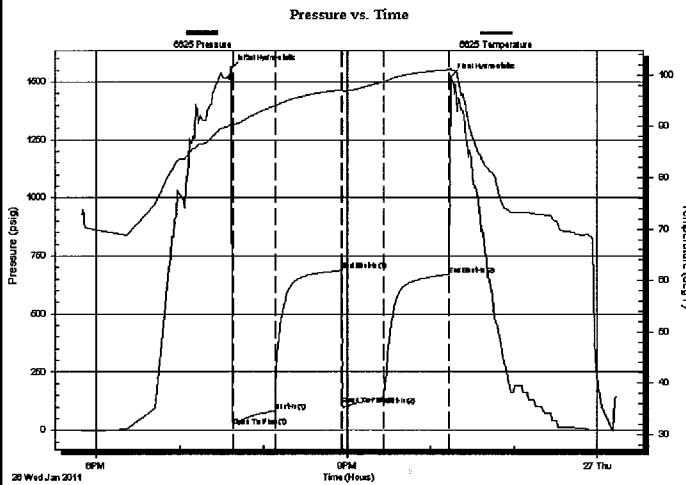
18/16S/11W-Barton, Ks
Job Ticket: 41830 **DST#: 1**
Test Start: 2011.01.26 @ 17:49:54

GENERAL INFORMATION:

Formation: **LKC "H,I,&J"**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 19:37:54
 Time Test Ended: 00:13:24
 Test Type: Conventional Bottom Hole
 Tester: Dustin Rash
 Unit No: 42
 Interval: **3172.00 ft (KB) To 3242.00 ft (KB) (TVD)**
 Total Depth: 3242.00 ft (KB) (TVD)
 Reference Elevations: 1885.00 ft (KB)
 1878.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Poor
 KB to GR/CF: 7.00 ft

Serial #: 6625 Inside
 Press@RunDepth: 140.77 psig @ 3176.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2011.01.26 End Date: 2011.01.27 Last Calib.: 2011.01.27
 Start Time: 17:49:59 End Time: 00:13:23 Time On Btm: 2011.01.26 @ 19:36:54
 Time Off Btm: 2011.01.26 @ 22:14:24

TEST COMMENT: IF-Strong building blow . BOB in 3 minutes.
 IS-No Return.
 FF-Strong building blow . BOB in 1 minute.
 FSI-Return @ 10 seconds. Built to 2 inches. Died to 1&1/4 inches. GTS



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1556.99	90.59	Initial Hydro-static
1	16.43	90.39	Open To Flow (1)
31	82.71	94.01	Shut-In(1)
80	688.21	97.12	End Shut-In(1)
80	110.09	97.00	Open To Flow (2)
110	140.77	98.69	Shut-In(2)
157	669.50	101.04	End Shut-In(2)
158	1521.77	101.31	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
201.00	50%Oil/30%Gas/20%Mud	2.82
124.00	40%Gas/30%Oil/30%Mud	1.74
0.00	3150' G.I.P.	0.00

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: 48.00 sec/qt	Cushion Volume: bbl		
Water Loss: 11.98 in ³	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
201.00	50%Oil/30%Gas/20%Mud	2.820
124.00	40%Gas/30%Oil/30%Mud	1.739
0.00	3150' G.I.P.	0.000

Total Length: 325.00 ft Total Volume: 4.559 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:

Pressure vs. Time

