

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

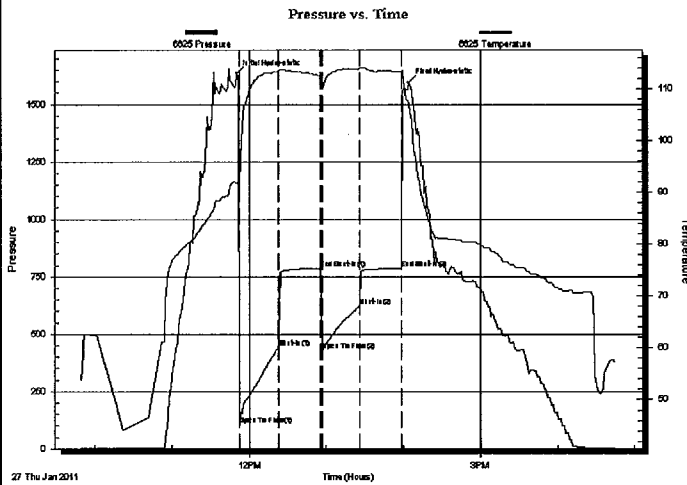
18/16S/11W-Barton, Ks
Job Ticket: 41831 **DST#: 2**
Test Start: 2011.01.27 @ 09:49:44

GENERAL INFORMATION:

Formation: **Arbuckle**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 11:52:14
Time Test Ended: 16:45:44
Test Type: Conventional Bottom Hole
Tester: Dustin Rash
Unit No: 42
Interval: **3290.00 ft (KB) To 3318.00 ft (KB) (TVD)**
Reference Elevations: 1885.00 ft (KB)
Total Depth: 3318.00 ft (KB) (TVD) 1878.00 ft (CF)
Hole Diameter: 7.88 inches Hole Condition: Poor KB to GR/CF: 7.00 ft

Serial #: 6625 Inside
Press@RunDepth: 621.55 psig @ 3291.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2011.01.27 End Date: 2011.01.27 Last Calib.: 2011.01.27
Start Time: 09:49:49 End Time: 16:45:43 Time On Btm: 2011.01.27 @ 11:50:14
Time Off Btm: 2011.01.27 @ 14:04:14

TEST COMMENT: IF-Strong building blow . BOB in 45 seconds.
ISI-Return @ 10 seconds. Built to BOB in 2 minutes. GTS
FF-Strong building blow . BOB in 1 minute 15 seconds. GTS-TSTM
FSI-Return @ 10 seconds. Built to



PRESSURE SUMMARY

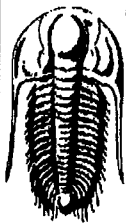
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1635.31	91.91	Initial Hydro-static
2	106.85	91.57	Open To Flow (1)
33	439.82	113.35	Shut-In(1)
66	786.89	112.53	End Shut-In(1)
67	428.49	111.14	Open To Flow (2)
96	621.55	113.91	Shut-In(2)
129	786.14	113.21	End Shut-In(2)
134	1596.28	107.21	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	50%Water/20%Gas/20%Oil/10%Mud	0.42
156.00	70%Oil/20%Gas/5%Water/5%Mud	2.19
1508.00	65%Gas/35%Oil	21.15
0.00	1603' 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:	39 deg API
Mud Weight:	9.00 lb/gal	Cushion Length:	ft	Water Salinity:	45000 ppm
Viscosity:	56.00 sec/qt	Cushion Volume:	bbbl		
Water Loss:	8.78 in ³	Gas Cushion Type:			
Resistivity:	0.19 ohm.m	Gas Cushion Pressure:	psig		
Salinity:	3800.00 ppm				
Filter Cake:	inches				

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
30.00	50%Water/20%Gas/20%Oil/10%Mud	0.421
156.00	70%Oil/20%Gas/5%Water/5%Mud	2.188
1508.00	65%Gas/35%Oil	21.153
0.00	1603' G.I.P.	0.000

Total Length: 1694.00 ft Total Volume: 23.762 bbl

Num Fluid Samples: 1 Num Gas Bombs: 1 Serial #:

Laboratory Name: Caraway Laboratory Location: Liberal, KS

Recovery Comments:

Pressure vs. Time

