

State of West Virginia  
Department of Environmental Protection  
Office of Oil and Gas  
Well Operator's Report of Well Work

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Office of Oil & Gas  
DATE:                     

API# 47-917-05968  
MAR 02 2012

WV Department of  
Environmental Protection

Farm name: Robert M Ash Operator Well No.: 1HA

LOCATION: Elevation: 1077 Quadrangle: Centerpoint 7.5'

District: McClellan County: Doddridge  
Latitude: 680 Feet South of 39 Deg. 25 Min. 00 Sec.  
Longitude 2350 Feet West of 80 Deg. 40 Min. 00 Sec.

Company: **JAY-BEE OIL & GAS INC.**  
**ROUTE 1 BOX 5**

Address:	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
<b>CAIRO, WV 26337</b>				
Agent: <b>Randy Broda</b>	16	30	30	
Inspector: <b>Scrannage</b>	9 5/8	320	320	CTS
Date Permit Issued: <b>7/30/2010</b>				
Date Well Work Commenced: <b>9/9/2010</b>	7	2443	2443	cts
Date Well Work Completed: <b>6/10/2011</b>				
Verbal Plugging:	4 1/2	10150	10150	cts
Date Permission granted on:				
Rotary Cable Rig				
Total Vertical Depth (ft): <b>7126</b>				
Total Measured Depth (ft): <b>10185</b>				
Fresh Water Depth (ft.): <b>n/a</b>				
Salt Water Depth (ft.): <b>n/a</b>				
Is coal being mined in area (N/Y)? <b>n/a</b>				
Coal Depths (ft.): <b>n/a</b>				
Void(s) encountered (N/Y) Depth(s) <b>n/a</b>				

OPEN FLOW DATA (If more than two producing formations please include additional data on separate sheet)

Producing formation Marcellus Pay zone depth (ft) 7126-7091

Gas: Initial open flow 10 MCF/d Oil: Initial open flow 0 Bbl/d

Final open flow 3500 MCF/d Final open flow 0 Bbl/d

Time of open flow between initial and final tests 48 Hours

Static rock Pressure 2800 psig (surface pressure) after 24 Hours

Second producing formation n/a Pay zone depth (ft)                     

Gas: Initial open flow                      MCF/d Oil: Initial open flow                      Bbl/d

Final open flow                      MCF/d Final open flow                      Bbl/d

Time of open flow between initial and final tests                      Hours

Static rock Pressure                      psig (surface pressure) after                      Hours

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I certify under penalty of law that I have personally examined and am familiar with the information submitted on this document and all the attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information I believe that the information is true, accurate, and complete.

[Signature]  
Signature

8/10/11  
Date

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Were core samples taken? Yes \_\_\_\_\_ No **X**

Were cuttings caught during drilling? Yes **Y** No \_\_\_\_\_

Were n/Y/N Electrical, n/Y/N Mechanical, Y/Y/N or Geophysical logs recorded on this well?

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NOTE: IN THE AREA BELOW PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF THE TOPS AND BOTTOMS OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE FROM SURFACE TO TOTAL DEPTH.

Perforated Intervals, Fracturing, or Stimulating:

10110-9798-----8453 bbls water, 1800 sks sand  
 9700-9488-----8362 bbls water, 1800 sks sand  
 9410-9134-----9069 bbls water, 1800 sks sand  
 9064-8882-----8527 bbls water, 1800 sks sand  
 8789-8502-----8727 bbls water, 1700 sks sand  
 8444-8184-----8719 bbls water, 1800 sks sand  
 8096-7898-----8883 bbls water, 1800 sks sand  
 7793-7498-----4766 bbls water, 800 sks sand

Formations Encountered:	Top Depth	Bottom Depth
Surface:		

See Attached

Purcell 6996-7021

Shale 7021-7073

Marcellus 7073-7126

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**R. Ash 1ha**

PERMIT # 47-017-05968

ELEVATION 1077

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<u>FORMATION</u>	<u>TOP</u>	<u>BOTTOM</u>
MISC. RED ROCK & SHALES	0	2105
LIME	2105	2178
INJUN	2178	2328
SHALE	2328	2455
WIER	2455	2523
SHALE	2523	2675
30 FOOT	2675	2708
SHALE	2708	2872
GORDON	2872	2920
SHALE	2920	3000
BAYARD	3000	3004
SHALE	3004	3553
WARREN	3553	3594
SHALE	3594	3693
BALLTOWN	3693	3832
SHALE	3832	4488
2ND RILEY	4488	4550
SHALE	4550	4618
3RD RILEY	4618	4654
SHALE	4654	5127
BENSON	5127	5130
SHALE	5130	5484
ALEXANDER	5484	5574
SHALE	5574	5817
ELK	5817	5937
SHALE	5937	6133
HAMILTON	6133	6752
SHALE	6752	6955
UPPER Marcellus	6965	6996
PARCELL LME	6996	7021
SHALE	7021	7073
LOWER MARCELLUS	7073	7126