

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

DATE: **MAY 04 2010**  
 API No: **47-033-05331**  
 Lease No: **052916**

Farm Name: YOHO, EMMA JANE

Operator Well No. 32341

LOCATION: Elevation: 1138'

Quadrangle: West Milford 7.5'

District: Union

County: Harrison

Latitude: 14,605 Feet South of: 39 Deg. 15 Min. 00 Sec.  
 Longitude: 6,855 Feet West of: 80 Deg. 25 Min. 00 Sec.

Company: Dominion Exploration & Production, Inc.

	Casing and Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
Address: P.O. Box 1248 Jane Lew, WV 26378				
Agent: Rodney J. Biggs				
Inspector: Tim Bennett				
Date Permit Issued: 10/06/2009				
Date Well Work Commenced: 02/01/2010	9 5/8"	31'	31'	Sand In
Date Well Work Completed: 02/16/2010				
Verbal Plugging:	7"	1056'	1056'	165 sks
Date Permission granted on:				
Rotary X Cable Rig	4 1/2"	4416'	4416'	295 sks
Total Depth (feet): 4,420'				
Fresh Water Depth (ft.): N/A				
Salt Water Depth (ft.): N/A				
Is coal being mined in area (N/Y)? No				
Coal Depths (ft.): N/A				
Oil Depths (ft.): N/A				

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**OPEN FLOW DATA**

Producing formation	Pay zone depth (ft)	Gas: Initial open flow	Gas: Final open flow	Gas: Time of open flow between initial and final tests	Static Rock Pressure	Oil: Initial open flow	Oil: Final open flow	Oil: Time of open flow between initial and final tests
SPEECHLEY BALLTOWN RILEY BENSON	2882'-2982' 3190'-3220' 3684'-3692' 4276'-4284'	60 MCF/d	712 MCF/d		150 psig (surface pressure) after	0 Bbl/d	0 Bbl/d	12 Hours

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Second Producing formation	Pay zone depth (ft)	Gas: Initial open flow	Gas: Final open flow	Gas: Time of open flow between initial and final tests	Static rock Pressure	Oil: Initial open flow	Oil: Final open flow	Oil: Time of open flow between initial and final tests
5TH SAND BAYARD	2284'-2292' 2328'-2334'	* MCF/d	* MCF/d		* psig (surface pressure) after	* Bbl/d	* Bbl/d	* Hours

**\* COMMINGLED WITH PREVIOUS FORMATIONS**

NOTE: ON BACK OF THIS FORM 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 ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

Signed: \_\_\_\_\_  
 By: Rodney J. Biggs  
 Date: 4/10/10

WELL: 32341 DEPI

SUPERIOR WIRELINE RAN BOND LOG. TD - 4406'. TOC - 625'. SUPERIOR  
 PERFED LEFT PERF GUN IN WELL. UNIVERSAL FRACED AS FOLLOWS:  
 BENSON, 4276'-4284', 16 HOLES, BD 3197#, AVG RATE 30 BPM, AVG PRESS 2456#,  
 480 BBLs, TOT SAND 36,000#, 65 MSCFN2, ISIP 1680#  
 RILEY, 3684'-3692', 16 HOLES, BD 3082#, AVG RATE 30 BPM, AVG PRESS 2334#,  
 335 BBLs, TOT SAND 20,000#, 35 MSCFN2, ISIP 1580#  
 BALLTOWN, 3190'-3220', 14 HOLES, BD 1400#, AVG RATE 30 BPM, AVG PRESS 2154#,  
 358 BBLs, TOT SAND 26,000#, 38 MSCFN2, ISIP 1160#  
 SPEECHLEY, 2882'-2982, 13 HOLES, BD 2845#, AVG RATE 30 BPM, AVG PRESS 2174#,  
 390 BBLs, TOT SAND 30,000#, 43 MSCFN2, ISIP 1170#  
 BAYARD, 2328'-2334', 12 HOLES, BD 1370#, AVG RATE 20 BPM, AVG PRESS 1985#,  
 300 BBLs, TOT SAND 19,000#, 25 MSCFN2, ISIP 1460#  
 5TH SAND, 2284'-2292', 16 HOLES, BD 1580#, AVG RATE 20 BPM, AVG PRESS 2040#,  
 358 BBLs, TOT SAND 20,000#, 33 MSCFN2, ISIP 1650#  
 E.C. RIG CLEANED UP AFTER FRAC.

Fill	0	30	Sand/Shale	30	280
Sand/Shale	280	490	Sand/Shale	490	648
Sand/Shale	648	1008	Sand/Shale	1008	1208
Sand/Shale	1208				

<b>GAMMA RAY/ FORMATION</b>		
<b>TOPS</b>		
	<b>TOP</b>	<b>BASE</b>
LITTLE LIME	1332	1350
BIG LIME	1382	1442
BIG INJUN SAND	1443	1544
GANTZ	1762	1810
FIFTY FOOT	1860	1928
THIRTY FOOT	1960	1976
GORDON	2012	2168
FOURTH SAND	2200	2230
FIFTH SAND	2282	2296
BAYARD	2320	2339
ELIZABETH	2584	2688
WARREN	2706	2750
SPEECHLEY	2854	2990
BALLTOWN	3106	3240
BRADFORD	3678	3740
BENSON	4274	4318
LTD.	-4453	

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