

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

DATE: **SEP 20 2010**
API No: 47-047-02746
Lease No: 61108

Farm Name: ALAWEST, INCORPORATED Operator Well No. 30869

LOCATION: Elevation: 2123' Quadrangle: Davy

District: Big Creek County: McDowell
Latitude: 11,250 Feet South of: 37 Deg. 25 Min. 00 Sec.
Longitude: 3,160 Feet West of: 81 Deg. 40 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: Rick Elswick				
Inspector: Gary Kennedy				
Date Permit Issued: 10/27/2009				
Date Well Work Commenced: 06/20/2010	12 3/4"	22'	22'	Sand In
Date Well Work Completed: 07/20/2010				
Verbal Plugging:	9 5/8"	418'	418'	170 sks
Date Permission granted on:				
Rotary X Cable Rig	7"	1394'	1394'	600 sks
Total Depth (feet): 6,446'				
Fresh Water Depth (ft.): 540', 1016'	4 1/2"	6345'	6345'	460 sks
Salt Water Depth (ft.): N/A				
Is coal being mined in area (N/Y)?: No				
Coal Depths (ft.): 172'-174', 645'-647', 695'-697', 775'-776', 915'-918', 1160'-1163', 1242'-1247'				
Oil Depths (ft.): N/A				

OPEN FLOW DATA

Producing formation	BEREA (3)	4724'-4734'
	GORDON (2)	4840'-4850'
	LOWER HURON (1)	Pay zone depth (ft) 6224'- 6234'
Gas: Initial open flow	odor	MCF/d
Oil: Initial open flow	0	Bbl/d
Final open flow	286	MCF/d
Final open flow	0	Bbl/d
Time of open flow between initial and final tests		12 Hours
Static Rock Pressure	360	psig (surface pressure) after 12 Hours

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Office of Oil & Gas

SEP 29 2011

Second Producing formation		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

WV Department of Environmental Protection

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: Rick Elswick
By: Rick Elswick
Date: 9-16-10

Rev. (8/25/2010)

10/21/2011

7/20/2010 PERFORMED 3 STAGE FRAC W/ SWSI AND KEY.

LOWER HURON (1) 6224'- 6234' (21 HOLES - SHOGUN) - 75 Q FOAM FRAC - 46,100#

20/40 SAND, 240 BBL CLEAN FLUID, 673,900 SCF N2, BDP 1482#, ATP 2579#.

AIR 25 BPM, FOAM FLUSH, ISIP 2575#, 2 MIN SIP 2386#.

GORDON (2) 4840'- 4850' (24 HOLES) - PUMPED 500 GAL 15% HCL (DROPPED

3.50" FRAC BALL) - 75Q FOAM FRAC - 31,500# 20/40 SAND, 209 BBL CLEAN FLUID,

455,900 SCF N2, BDP 2428#, ATP 1921#, AIR 26 BPM, FOAM FLUSH, ISIP 1731#,

2 MIN SIP 1644#.

BEREA (3) 4724'- 4734' (31 HOLES) - PUMPED 500 GAL 15% HCL (DROPPED

3-3/4" FRAC BALL) - 75 Q FOAM FRAC - 53,800# 20/40 SAND, 282 BBL

CLEAN FLUID, 522,800 SCF N2, BDP 2373#, ATP 1734#, AIR 29 BPM, FOAM

FLUSH, ISIP 1456#, 2 MIN SIP 1336#, 5 MIN SIP 1300#.

OPENED WELL ON 3/8" CHOKE TO PIT, STEPPED UP TO 2" OVERNIGHT

RECOVERED 2X OF 2X FRAC BALLS BLOWING STEADY W/ HEAVY MIST.

17 HOUR OPEN FLOW - 6# ON 2" - 1,136 MMCF/D, FLOWING WELL TO PIT

ON 2" (REPORT TIME 7/21/10).

Fill	0	5	Sandy Shale	5	16
SandStone Str	16	172	Coal	172	174
Sandy Shale	174	275	Sandstone	275	310
Sandy Shale	310	400	Sandstone	400	540
Sandy Shale	540	645	Coal	645	647
Sandy Shale	647	695	Coal	695	697
Sandy Shale	697	775	Coal	775	776
Sandstone	776	915	Coal	915	918
Sandy Shale	918	1160	Coal	1160	1163
Shale	1163	1242	Openmic	1242	1247
Shale	1247	1510	Sandstone	1510	1650
RedRock	1650	1701	Sandy Shale	1701	1735
Sandstone	1735	1810	RedRock	1810	1865
Sandy Shale	1865	2065	Ravenliff	2065	

#30869	GAMMA		47-047-02746
	RAY/		
	FORMATION		
	TOPS		
	TOP	BASE	
RAVENLIFE	2172	2222	
AVIS LIME	2270	2320	
LOWER MAXTON	3190	3238	
LITTLE LIME	3300	3550	
BIG LIME	3550	4070	
BEREA	4608	4742	
GORDON	4820	4860	
UPPER HURON	5770	5185	
LOWER HURON	6165	6285	
TB	6432		