



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

DATE: JUL 31 2009
API No: 47-047-02703
LEASE No: 79917

Farm Name: KEYSTONE INDUSTRIES Operator Well No. 30297

LOCATION: Elevation: 2655' Quadrangle: Keystone 7.5'

District: North Fork County: McDowell

Latitude: 1,000 Feet South of: 37 Deg. 25 Min. 00 Sec.

Longitude: 1,825 Feet West of: 81 Deg. 22 Min. 30 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: Joseph McCourt				
Date Permit Issued: 4/7/2009				
Date Well Work Commenced: 4/27/2009	12 3/4"	22'	22'	Sand In
Date Well Work Completed: 5/7/2009				
Verbal Plugging:	9 5/8"	588'	588'	225 sks
Date Permission granted on:				
Rotary X Cable Rig	7"	1266'	1266'	220 sks
Total Depth (feet): 4,633'				
Fresh Water Depth (ft.): N/A	4 1/2"	4577'	4577'	250 sks
Salt Water Depth (ft.): N/A				
Is coal being mined in area (N/Y)? No				
Coal Depths (ft.): 210'-212', 510'-512'				
Oil Depths (ft.): N/A				

OPEN FLOW DATA

UPPER MAXTON (2)
Producing formation WEIR (1) Pay zone depth (ft) 2420'- 2430'
4390'- 4406'
Gas: Initial open flow 877 MCF/d Oil: Initial open flow 0 Bbl/d
Final open flow 1.914 mmcf MCF/d Final open flow 0 Bbl/d
Time of open flow between initial and final tests 12 Hours
Static rock Pressure 315 psig (surface pressure) after 12 Hours

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

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: Rodney J. Biggs

By: Rodney J. Biggs

Date: 6/29/09

NR

5/7/2009 PERFORMED 2 STAGE FRAC W/ SUPERIOR AND KEY WIRELINE.
 WEIR (1) 4390'- 4406' (80 HOLES) - 70 Q FOAM FRAC - 102,000# 20/40 SAND, 538 BBL CLEAN FLUID, 1,060,000 SCF N2, BDP 3154#, ATP 2875#, AIR 60 BPM, FOAM FLUSH, ISIP 1665#, 2 MIN SIP 1154#.
 UPPER MAXTON (2) 2420'- 2430' (31 HOLES) - PUMPED 500 GAL 15% HCL, (DROPPED 3 3/4" FRAC BALL) - 75Q FOAM FRAC - 25,400# 20/40 SAND, 170 BBL CLEAN FLUID, 168,100 SCF N2, BDP 1098#, ATP 933#, AIR 25 BPM, FOAM FLUSH, ISIP 951#, 2 MIN SIP 819#, 5 MIN SIP 787#.
 OPENED WELL ON 3/8" CHOKE TO PIT. STEPPED UP TO 2" OVERNIGHT. RECOVERED 1X OF 1X FRAC BALL. 14 HOUR OPEN FLOW - 41# ON 2" - 3.12 MMCF/D.

Fill	0	10
Sand&Shale	10	20
Sandstone	20	55
Sandy Shale	55	155
Sandstone	155	210
Coal	210	212
Sandy Shale	212	300
Sandstone	300	495
Sandy Shale	495	510
Coal	510	512
Sandy Shale	512	720
Sandstone	720	955
Sandy Shale	955	995
RedRock	995	1115
Sandy Shale	1115	1310
Sandstone	1310	1390
Ravenclyff	1390	

<u>GAMMA</u>			
<u>RAY/</u>			
<u>FORMATION</u>			
DEPI #30297	<u>TOPS</u>		47-047-02703
	<u>TOP</u>	<u>BASE</u>	
PRIDE SHALE	1396	1400	
UPPER RAVENCLIFF	1403	1499	
MIDDLE RAVENCLIFF	1540	1641	
LOWER RAVENCLIFF	1656	1699	
AVIS LIME	1746	1795	
MAXTON CD	2354	2455	
MAXTON E	2674	2764	
MAXTON F	2871	2919	
LITTLE LIME	3014	3365	
BIG LIME	3365	4111	
WEIR	4370	4422	
LTD	4633		