

State of West Virginia  
Department of Environmental Protection  
Office of Oil and Gas

Well Operator's Report of Well Work

Farm name: ROGERS, WILLIAM Operator Well No.: 6

LOCATION: Elevation: 1701' Quadrangle: NESTORVILLE

District: COVE County: BARBOUR

Latitude: 7,920 Feet South of 39 Deg. 15 Min. 0 Sec.

Longitude: 7,470 Feet West of 79 Deg. 52 Min. 30 Sec.

Company: Texas Keystone, Inc.

Address:	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
560 Epsilon Drive Pittsburgh, PA 15238				
Agent: Jon Farmer	13 3/8"	42	42	SANDED IN
Inspector: Bryan Harris				
Date Permit Issued: 09/16/10	9 5/8"	462	462	160
Date Well Work Commenced: 06/04/11				
Date Well Work Completed: 06/13/11	7"	1857	1857	230
Verbal Plugging:				
Date Permission granted on:	4 1/2"	0	5250	185
Rotary <input checked="" type="checkbox"/> Cable <input type="checkbox"/> Rig <input type="checkbox"/>				
Total Vertical Depth (ft.): 5730				
Total Measured Depth(ft.): 5730				
Fresh Water Depth (ft.): 400				
Salt Water Depth (ft.): 1430				
Is coal being mined in the area (N/Y)? N				
Coal Depths (ft.): 110, 855				
Void(s) encountered (N/Y) Depth(s): N				

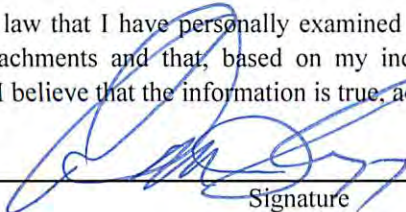
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Environmental Protection

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

Producing formation: 5TH ELK Pay zone Depth (ft) 5129 - 5137  
 Gas: Initial open flow: G/S TSTM MCF/D Oil: Initial open flow: 0 Bbl/d  
 Final open flow 298 MCF/D Oil: Final open flow: 0 Bbl/d  
 Time of open flow between initial and final tests: N/A Hours  
 Static rock Pressure: 920 psig(surface pressure) after 48 Hours

Second Producing formation: ALEXANDER Pay zone Depth (ft) 4451 - 4458  
 Gas: Initial open flow: Co-mingled MCF/D Oil: Initial open flow: 0 Bbl/d  
 Final open flow Co-mingled MCF/D Oil: Final open flow: 0 Bbl/d  
 Time of open flow between initial and final tests:        Hours  
 Static rock Pressure: Co-mingled psig(surface pressure) after - Hours

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

9-15-11  
\_\_\_\_\_  
Date

Were core samples taken? Yes \_\_\_ No X Were cuttings caught during drilling? Yes \_\_\_ No X

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

**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**

Perforated Intervals, Fracturing, or Stimulating:

Perfed 5th Elk 5129' - 5137' (18 shots). BD 4294 #. 307 sks 20/40. 538 bbl. Gel Frac.  
Perfed Alexander 4451' - 4458" (21 shots). BD 4087 #. 252 sks 20/40. 529 bbl. Gel Frac.  
Perfed Benson 4220' - 4226' (18 shots). BD 4367 #. 200 sks 20/40. 470 bbl. Gel Frac.  
Perfed Balltown A 3140' - 3156' (32 shots). BD 1880 #. 350 sks 20/40. 668 bbl. Gel Frac.

Formations Encountered:	Top Depth	Bottom Depth	Notes:
FILL	0	15	
SANDY SHALE	15	35	
SANDSTONE	35	42	
SANDY SHALE	42	52	
SANDSTONE	52	110	
COAL	110	115	
SANDY SHALE	115	175	
REDROCK SHALE	175	200	
SANDY SHALE	200	262	
SANDSTONE	262	322	
SANDY SHALE	322	385	
SANDSTONE	385	490	DAMP @ 400'
SANDY SHALE	490	530	
SANDSTONE	530	590	
SANDY SHALE	590	740	
SANDSTONE	740	855	
COAL	855	900	
SANDY SHALE	900	1040	
REDROCK SHALE	1040	1285	
SANDY SHALE	1285	1391	
LITTLE LIME	1391	1411	
PENCIL CAVE SHALE	1411	1443	DAMP @ 1430'
BIG LIME	1443	1660	
SANDY SHALE	1660	1692	
WEIR SANDSTONE	1692	1720	
SHALE	1720	1834	
UPPER GANTZ SANDSTONE	1834	1847	
SHALE	1847	1899	
GANTZ SANDSTONE	1899	1919	
SANDY SHALE	1919	3138	
BALLTOWN A SANDSTONE	3138	3170	
SHALE	3170	3990	
SANDY SHALE	3990	4220	
BENSON SILTSTONE	4220	4226	
SANDY SHALE	4226	4425	
ALEXANDER SILTSTONE	4425	4458	
SANDY SHALE	4458	4626	
1ST ELK SILTSTONE	4626	4670	
SANDY SHALE	4670	4882	
2ND ELK SILTSTONE	4882	4898	
SHALE	4898	5001	
2ND ELK A SILTSTONE	5001	5008	
SANDY SHALE	5008	5129	
3RD ELK SILTSTONE	5129	5150	
SANDY SHALE	5150	5267	
4TH ELK SILTSTONE	5267	5270	
SANDY SHALE	5270	5459	
5TH ELK SILTSTONE	5459	5730	
SHALE	5730	5730	TD

10/14/2011

Third Producing formation: BENSON Pay zone Depth (ft) 4220 - 4226  
 Gas: Initial open flow: Co-mingled MCF/D Oil: Initial open flow: 0 Bbl/d  
 Final open flow Co-mingled MCF/D Oil: Final open flow: 0 Bbl/d  
 Time of open flow between initial and final tests: \_\_\_\_\_ Hours  
 Static rock Pressure: Co-mingled psig(surface pressure) after - Hours

Fourth Producing formation: BALLTOWN A Pay zone Depth (ft) 3140 - 3156  
 Gas: Initial open flow: Co-mingled MCF/D Oil: Initial open flow: 0 Bbl/d  
 Final open flow Co-mingled MCF/D Oil: Final open flow: 0 Bbl/d  
 Time of open flow between initial and final tests: \_\_\_\_\_ Hours  
 Static rock Pressure: Co-mingled psig(surface pressure) after - Hours

Fifth Producing formation: \_\_\_\_\_ Pay zone Depth (ft) \_\_\_\_\_  
 Gas: Initial open flow: \_\_\_\_\_ MCF/D Oil: Initial open flow: 0 Bbl/d  
 Final open flow \_\_\_\_\_ MCF/D Oil: Final open flow: 0 Bbl/d  
 Time of open flow between initial and final tests: \_\_\_\_\_ Hours  
 Static rock Pressure: \_\_\_\_\_ psig(surface pressure) after - Hours