

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.: 7

LOCATION: Elevation: 1707' Quadrangle: NESTORVILLE

District: COVE County: BARBOUR

Latitude: 7,850 Feet South of 39 Deg. 15 Min. 0 Sec.

Longitude: 8,540 Feet West of 79 Deg. 52 Min. 30 Sec.

Company: Texas Keystone, Inc.

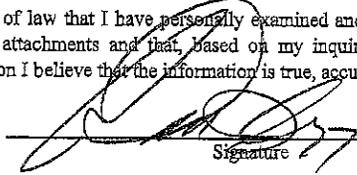
Address:	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
560 Epsilon Drive Pittsburgh, PA 15238				
Agent: Jon Farmer	13 3/8"	42	42	SANDED IN
Inspector: Bryan Harris				
Date Permit Issued: 09/16/10	9 5/8"	465	465	175
Date Well Work Commenced: 06/14/11				
Date Well Work Completed: 06/22/11	7"	1858	1858	230
Verbal Plugging:				
Date Permission granted on:	4 1/2"	0	5260	185
Rotary <input checked="" type="checkbox"/> Cable <input type="checkbox"/> Rig <input type="checkbox"/>				
Total Vertical Depth (ft.): 5702	2 3/8"	0	5079	0
Total Measured Depth (ft.): 5702				
Fresh Water Depth (ft.): 55, 140, 790				
Salt Water Depth (ft.):				
Is coal being mined in the area (N/Y)? N				
Coal Depths (ft.): 175, 790				
Void(s) encountered (N/Y) Depth(s): N				

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

Producing formation: 3RD ELK Pay zone Depth (ft) 5120' - 5129
 Gas: Initial open flow: G/S TSTM MCF/D Oil: Initial open flow: 0 Bbl/d
 Final open flow 158 MCF/D Oil: Final open flow: 0 Bbl/d
 Time of open flow between initial and final tests: N/A Hours
 Static rock Pressure: 710 psig(surface pressure) after 48 Hours

Second Producing formation: ALEXANDER Pay zone Depth (ft) 4453 - 4465
 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 _____ Date 9-15-11

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Were core samples taken? Yes No Were cuttings caught during drilling? Yes No

Were Electrical, Mechanical, 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 3rd Elk 5120' - 5129' (21 shots). BD 4150 #. 100 sks 20/40 & 150 sks 40/70. 549 bbl. Gel Frac.
 Perfed Alexander 4453' - 4465" (21 shots). BD 3915 #. 114 sks 20/40 & 150 sks 40/70. 601 bbl. Gel Frac.
 Perfed Benson 4226' - 4233' (21 shots). BD 4424 #. 113 sks 20/40 & 150 sks 40/70. 550 bbl. Gel Frac.
 Perfed Balltown A 3146' - 3167' (34 shots). BD 2950 #. 118 sks 20/40 & 200 sks 40/70. 766 bbl. Gel Frac.
 Perfed Balltown Stray 3054' - 3076' (30 shots). BD 2800#. 118 sks 20/40 & 200 sks 40/70. 579 bbl. Gel Frac

Formations Encountered:	Top Depth	Bottom Depth	Notes:
FILL	0	12	
REDROCK SHALE	12	25	
SANDY SHALE	25	80	1/2" FW @ 55'
SANDSTONE	80	145	1/2" FW @ 140'
SANDY SHALE	145	175	
COAL	175	180	
SANDY SHALE	180	262	
SANDSTONE	262	322	
SANDY SHALE	322	352	
SANDSTONE	352	500	
SANDY SHALE	500	765	
SANDSTONE	765	790	DAMP @ 790'
COAL	790	795	
SANDY SHALE	795	900	
SHALE	900	1140	
SANDSTONE	1140	1230	
SHALE	1230	1370	
SANDY SHALE	1370	1405	
LITTLE LIME	1405	1421	
PENCIL CAVE SHALE	1421	1454	
BIG LIME	1454	1668	
SANDY SHALE	1668	1697	
WEIR SANDSTONE	1697	1725	
SHALE	1725	1867	
UPPER GANTZ SANDSTONE	1867	1890	
SHALE	1890	1908	
GANTZ SANDSTONE	1908	1940	
SANDY SHALE	1940	2568	
SPEECHLEY A SANDSTONE	2568	2600	
SHALE	2600	2766	
SPEECHLEY C SANDSTONE	2766	2786	
SANDY SHALE	2786	3052	
BALLTOWN STRAY SANDSTONE	3052	3084	
SHALE	3084	3144	
BALLTOWN A SANDSTONE	3144	3170	
SANDY SHALE	3170	4226	
BENSON SILTSTONE	4226	4234	
SANDY SHALE	4234	4434	
ALEXANDER SILTSTONE	4434	4465	
SANDY SHALE	4465	4631	
1ST ELK SILTSTONE	4631	4683	
SANDY SHALE	4683	4895	
2ND ELK SILTSTONE	4895	4940	
SHALE	4940	4992	
2ND ELK A SILTSTONE	4992	5019	
SANDY SHALE	5019	5120	
3RD ELK SILTSTONE	5120	5169	
SANDY SHALE	5169	5300	
4TH ELK SILTSTONE	5300	5340	
SANDY SHALE	5340	5455	
5TH ELK SILTSTONE	5455	5505	
SHALE	5505	5702	TD

Third Producing formation:	<u>BENSON</u>	Pay zone Depth (ft)	<u>4226 - 4233</u>
Gas: Initial open flow:	<u>Co-mingled</u>	MCF/D Oil: Initial open flow:	<u>0</u> Bbl/d
Final open flow	<u>Co-mingled</u>	MCF/D Oil: Final open flow:	<u>0</u> Bbl/d
Time of open flow between initial and final tests:		Hours	
Static rock Pressure:	<u>Co-mingled</u>	psig(surface pressure) after	<u>-</u> Hours
Fourth Producing formation:	<u>BALLTOWN A</u>	Pay zone Depth (ft)	<u>3146 - 3167</u>
Gas: Initial open flow:	<u>Co-mingled</u>	MCF/D Oil: Initial open flow:	<u>0</u> Bbl/d
Final open flow	<u>Co-mingled</u>	MCF/D Oil: Final open flow:	<u>0</u> Bbl/d
Time of open flow between initial and final tests:		Hours	
Static rock Pressure:	<u>Co-mingled</u>	psig(surface pressure) after	<u>-</u> Hours
Fifth Producing formation:	<u>BALLTOWN STRAY</u>	Pay zone Depth (ft)	<u>3054 - 3076</u>
Gas: Initial open flow:	<u>Co-mingled</u>	MCF/D Oil: Initial open flow:	<u>0</u> Bbl/d
Final open flow	<u>Co-mingled</u>	MCF/D Oil: Final open flow:	<u>0</u> Bbl/d
Time of open flow between initial and final tests:		Hours	
Static rock Pressure:	<u>Co-mingled</u>	psig(surface pressure) after	<u>-</u> Hours