

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

Well Operator's Report of Well Work

Farm name: WALTER, ARTHUR Operator Well No.: 2

LOCATION: Elevation: 1333' Quadrangle: THORNTON

District: KNOTTSVILLE County: TAYLOR

Latitude: 280 Feet South of 39 Deg. 20 Min. 0 Sec.

Longitude: 6,780 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: 09/27/10	9 5/8"	465	465	205
Date Well Work Commenced: 07/21/11				
Date Well Work Completed: 07/27/11	7"	1438	1438	200
Verbal Plugging:				
Date Permission granted on:	4 1/2"	0	5161	237
Rotary <input checked="" type="checkbox"/> Cable <input type="checkbox"/> Rig <input type="checkbox"/>				
Total Vertical Depth (ft.): 5610				
Total Measured Depth(ft.): 5610				
Fresh Water Depth (ft.): 90, 210, 300, 350, 400, 508				
Salt Water Depth (ft.): none reported				
Is coal being mined in the area (N/Y)? N				
Coal Depths (ft.): 290				
Void(s) encountered (N/Y) Depth(s): N				

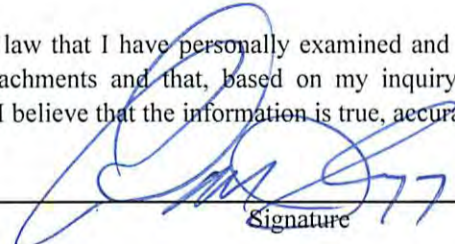
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OPEN FLOW DATA (If more than two producing formations please include additional data on separate sheet)

Producing formation: 3RD ELK Pay zone Depth (ft) 5003 - 5045
 Gas: Initial open flow: G/S TSTM MCF/D Oil: Initial open flow: 0 Bbl/d
 Final open flow 189 MCF/D Oil: Final open flow: 0 Bbl/d
 Time of open flow between initial and final tests: N/A Hours
 Static rock Pressure: 680 psig(surface pressure) after 96 Hours

Second Producing formation: BALLTOWN A Pay zone Depth (ft) 2823 - 2830
 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

9-30-11

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 3rd Elk 5003' - 5045' (24 shots). BD 2160 #. 250 sks 40/70 & 105 sks 20/40. 755 bbl. Gel Frac.
Perfed Balltown A 2823' - 2830' (21 shots). BD 4250 #. 150 sks 40/70 & 110 sks 20/40. 524 bbl. Gel Frac.
Perfed Bayard & Speechley A 2235' - 2299' (24 shots). BD 4320 #. 200 sks 40/70 & 110 sks 20/40. 536 bbl. Gel Frac.

Formations Encountered:	Top Depth	Bottom Depth	Notes:
FILL	0	15	
SANDY SHALE	15	25	
SANDSTONE	25	45	
SANDY SHALE	45	145	DAMP FW @ 90'
SANDSTONE	145	205	
SANDY SHALE	205	290	1" FW @ 210'
COAL	290	300	1" FW @ 300'
SANDY SHALE	300	365	1 1/2" FW @ 350'
SANDSTONE	365	425	3" FW @ 400'
SANDY SHALE	425	740	1/2" FW @ 508'
REDROCK SHALE	740	795	
SANDY SHALE	795	945	
REDROCK SHALE	945	980	
SANDY SHALE	980	987	
LITTLE LIME	987	1001	
PENCIL CAVE SHALE	1001	1023	
BIG LIME	1023	1226	
SHALE	1226	1260	
SQUAW SANDSTONE	1260	1280	
SHALE	1280	1312	
WEIR SANDSTONE	1312	1379	
SHALE	1379	1460	
BEREA SANDSTONE	1460	1481	
UPPER GANTZ SANDSTONE	1481	1492	
SHALE	1492	1517	
GANTZ SANDSTONE	1517	1546	
SHALE	1546	1563	
LOWER GANTZ SANDSTONE	1563	1581	
SHALE	1581	2027	
LOWER FOURTH SAND	2027	2040	
SANDY SHALE	2040	2222	
BAYARD SANDSTONE	2222	2253	GAS SHOW @ 2237' TSTM
SHALE	2253	2282	
SPEECHLEY A SANDSTONE	2282	2305	GAS SHOW @ 2300' TSTM
SANDY SHALE	2305	2364	
SPEECHLEY B SANDSTONE	2364	2375	
SANDY SHALE	2375	2818	
BALLTOWN A SANDSTONE	2818	2837	
SANDY SHALE	2837	3944	
LOWER RILEY SILTSTONE	3944	3962	
SHALE	3962	4309	
ALEXANDER SILTSTONE	4309	4357	
SANDY SHALE	4357	4503	
1ST ELK SILTSTONE	4503	4543	
SANDY SHALE	4543	5004	
3RD ELK SILTSTONE	5004	5045	GAS SHOW @ 5007' TSTM
SHALE	5045	5610	TD

10/14/2011

Third Producing formation: BAYARD & SPEECHLEY A Pay zone Depth (ft) 2235' - 2299'
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

10/14/2011