WR-35
Rev (8-10)

DATE: 4/8/2011
API #: 4709101200

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.: 3

LOCATION: Elevation: 1420 Quadrangle: THORNTON

District: KNOTTSVILLE County: TAYLOR
Latitude: 1,380 Feet South of 39 Deg. 20 Min. 0 Sec.
Longitude: 7,550 Feet West of 79 Deg. 52 Min. 30 Sec.

Company: Texas Keystone, Inc.

Address: 560 Epsilon Drive	**Casing & Tubing**	**Used in drilling**	**Left in well**	**Cement fill up Cu. Ft.**
Pittsburgh, PA 15238				
Agent: Jon Farmer	13 3/8"	129	129	Sanded In
Inspector: Bryan Harris				
Date Permit Issued: 09/27/10	9 5/8"	462	462	350
Date Well Work Commenced: 02/09/11				
Date Well Work Completed: 02/18/11	7"	1544	1544	200
Verbal Plugging:				
Date Permission granted on:	4 ½"	0	5166	240
Rotary [X] **Cable** [ ] **Rig** [ ]				
Total Vertical Depth (ft.): 5736				
Total Measured Depth(ft.): 5736				
Fresh Water Depth (ft.): 142, 145, 210, 390, 560				
Salt Water Depth (ft.): none reported				
Is coal being mined in the area (N/Y)? N				
Coal Depths (ft.): 1225				
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) 4955 - 5055
Gas: Initial open flow: G/S TSTM MCF/D Oil: Initial open flow: 0 Bbl/d
Final open flow 215 MCF/D Oil: Final open flow: 0 Bbl/d
Time of open flow between initial and final tests: N/A Hours
Static rock Pressure: 880 psig(surface pressure) after 120 Hours

Second Producing formation: 2ND ELK Pay zone Depth (ft) 4753 - 4763
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

4-12-11
Date

12/16/2011

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 4955' - 5055' (20 shots). BD 3833 #. 200 sks 40/70 & 100 sks 20/40. 628 bbl. Gel Frac.
Perfed 2nd Elk 4753' - 4763' (21 shots). BD 4800 #. 150 sks 40/70 & 100 sks 20/40. 623 bbl. Gel Frac.
Perfed Alexander 4320' - 4324' (12 shots). No breakdown.
Perfed Lower Riley 3926' - 3931' (15 shots). BD 4900 #. 200 sks 40/70 & 100 sks 20/40. 560 bbl. Gel Frac.
Perfed Balltown A 2848' - 2880' (25 shots). BD 4410 #. 200 sks 40/70 & 100 sks 20/40. 580 bbl. Gel Frac.
Perfed Bayard & Speechley A 2254' - 2327' (24 shots). BD 4140 #. 200 sks 40/70 & 100 sks 20/40. 573 bbl. Gel Frac.

Formations Encountered:	Top Depth	Bottom Depth	Notes:
FILL	0	15	
SANDY SHALE	15	40	
SANDSTONE	40	60	
SANDY SHALE	60	100	DAMP FW @ 142'
SANDSTONE	100	172	1/2" FW @ 145'
SANDY SHALE	172	225	1 1/2" FW @ 210'
COAL	225	230	
SANDY SHALE	230	360	
SANDSTONE	360	405	3" FW @ 390'
SANDY SHALE	405	450	
SANDSTONE	450	465	
SANDY SHALE	465	605	1/4" FW @ 560'
REDROCK SHALE	605	625	
SANDY SHALE	625	850	
SANDSTONE	850	945	
SANDY SHALE	945	993	
LITTLE LIME	993	1007	
PENCIL CAVE SHALE	1007	1032	
BIG LIME	1032	1248	
SHALE	1248	1273	
SQUAW SANDSTONE	1273	1302	
SHALE	1302	1335	
WEIR SANDSTONE	1335	1371	
SHALE	1371	1472	
BEREA SANDSTONE	1472	1493	
UPPER GANTZ SANDSTONE	1493	1504	
SHALE	1504	1525	
GANTZ SANDSTONE	1525	1558	
SHALE	1558	1573	
LOWER GANTZ SANDSTONE	1573	1628	
SANDY SHALE	1628	2043	
LOWER FOURTH SAND	2043	2073	
SHALE	2073	2103	
SANDY SHALE	2103	2229	
BAYARD SANDSTONE	2229	2260	GAS SHOW @ 2255' TSTM
SHALE	2260	2293	
SPEECHLEY A SANDSTONE	2293	2331	
SANDY SHALE	2331	2838	
BALLTOWN A SANDSTONE	2838	2886	
SHALE	2886	2911	
BALLTOWN B SANDSTONE	2911	2932	
SHALE	2932	3821	
SANDY SHALE	3821	3919	
LOWER RILEY SILTSTONE	3919	3943	GAS SHOW @ 3930' TSTM
SANDY SHALE	3943	4293	
ALEXANDER SILTSTONE	4293	4356	GAS SHOW @ 4325' TSTM
SANDY SHALE	4356	4480	
1ST ELK SILTSTONE	4480	4543	
SANDY SHALE	4543	4703	
2ND ELK SILTSTONE	4703	4764	GAS SHOW @ 4755' TSTM
SANDY SHALE	4764	4953	
3RD ELK SILTSTONE	4953	5073	GAS SHOW @ 4955' TSTM
SHALE	5073	5736	TD

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Third Producing formation: ALEXANDER Pay zone Depth (ft) 4320 - 4324
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: LOWER RILEY Pay zone Depth (ft) 3926 - 3921
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: BALLTOWN A Pay zone Depth (ft) 2848 - 2880
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

Sixth Producing formation: BAYARD & SPEECHLEY A Pay zone Depth (ft) 2254 - 2327
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

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