

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

Well Operator's Report of Well Work

Farm name: CLARKSON, JOHN Operator Well No.: 2

LOCATION: Elevation: 1538 Quadrangle: THORNTON

District: RENO County: PRESTON
Latitude: 970 Feet South of 39 Deg. 20 Min. 0 Sec.
Longitude: 5,210 Feet West of 79 Deg. 52 Min. 30 Sec.

Company: Texas Keystone, Inc.

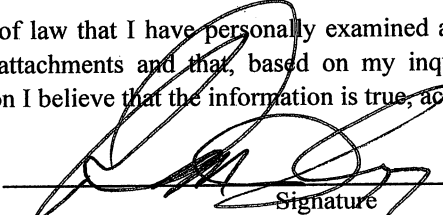
Address:	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
560 Epsilon Drive Pittsburgh, PA 15238				
Agent: Jon Farmer	13 3/8"	42	42	Sanded In
Inspector: Bryan Harris				
Date Permit Issued: 04/06/10	9 5/8"	126	126	60
Date Well Work Commenced: 08/10/10				
Date Well Work Completed: 08/17/10	7"	1685	1685	218
Verbal Plugging:				
Date Permission granted on:	4 1/2"	0	5344	255
Rotary <input checked="" type="checkbox"/> Cable <input type="checkbox"/> Rig <input type="checkbox"/>				
Total Vertical Depth (ft.): 5766				
Total Measured Depth(ft.): 5766				
Fresh Water Depth (ft.): 510				
Salt Water Depth (ft.): none reported				
Is coal being mined in the area (N/Y)? N				
Coal Depths (ft.): 20, 110, 340, 475				
Void(s) encountered (N/Y) Depth(s): Y 112				

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

Producing formation: 3RD ELK Pay zone Depth (ft) 5194 - 5198
Gas: Initial open flow: 60 MCF/D Oil: Initial open flow: 0 Bbl/d
Final open flow 1799 MCF/D Oil: Final open flow: 0 Bbl/d
Time of open flow between initial and final tests: N/A Hours
Static rock Pressure: 950 psig(surface pressure) after 216 Hours

Second Producing formation: 2ND ELK A Pay zone Depth (ft) 5048 - 5053
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

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 5194' - 5198' (16 shots). BD 2474 #. 202 sks 20/40. 638 bbl. Gel Frac.

Perfed 2nd Elk A 5048' - 5053' (15 shots). No Break.

Perfed Benson 4272' - 4276' (16 shots). BD 2991 #. 300 sks 20/40. 765 bbl. Gel Frac.

Perfed Lower Riley 4084' - 4105' (24 shots). BD 3427 #. 307 sks 20/40. 771 bbl. Gel Frac.

Perfed Balltown C 3316' - 3369' (30 shots). BD 3250 #. 2300 sks 20/40. 850 bbl. Gel Frac.

Perfed Balltown B 3137' - 3156' (32 shots). BD 2759 #. 350 sks 20/40. 815 bbl. Gel Frac.

Formations Encountered:	Top Depth	Bottom Depth	Notes:
FILL	0	20	
COAL	20	23	
SHALE	23	30	
SANDSTONE	30	42	
SANDY SHALE	42	110	
COAL	110	112	
VOID	112	122	VOID THICKNESS NOT REPOTED
SHALE	122	145	ESTIMATED AT 10 FEET
SANDY SHALE	145	265	
SANDSTONE	265	295	
SANDY SHALE	295	340	
COAL	340	345	
SANDY SHALE	345	475	
COAL WITH SHALE	475	480	
SANDY SHALE	480	630	1/4" FW @ 510'
SANDSTONE	630	900	
SANDY SHALE	900	1040	
SANDSTONE	1040	1130	
SANDY SHALE	1130	1239	
LITTLE LIME	1239	1254	
PENCIL CAVE SHALE	1254	1281	
BIG LIME	1281	1485	
SHALE	1485	1571	
WEIR SANDSTONE	1571	1615	
SHALE	1615	1715	
BEREA SANDSTONE	1715	1735	
UPPER GANTZ SANDSTONE	1735	1749	
SHALE	1749	1770	
GANTZ SANDSTONE	1770	1800	
SANDY SHALE	1800	2463	GAS SHOW @ 2290' TSTM
BAYARD SANDSTONE	2463	2497	
SHALE	2497	2525	
SPEECHLEY A SANDSTONE	2525	2549	
SANDY SHALE	2549	3134	
BALLTOWN B SANDSTONE	3134	3161	GAS SHOW @ 3140' TSTM
SANDY SHALE	3161	3307	
BALLTOWN C SANDSTONE	3307	3372	GAS SHOW @ 3365' TSTM
SHALE	3372	3857	
SANDY SHALE	3857	4081	
LOWER RILEY SILTSTONE	4081	4116	
SANDY SHALE	4116	4265	
BENSON SILTSTONE	4265	4280	
SANDY SHALE	4280	4688	
1ST ELK SILTSTONE	4688	4813	
SANDY SHALE	4813	5043	
2ND ELK A SILTSTONE	5043	5057	
SANDY SHALE	5057	5156	
3RD ELK SILTSTONE	5156	5214	
SANDY SHALE	5214	5766	TD

12/16/2011

Third Producing formation:	<u>BENSON</u>	Pay zone Depth (ft)	<u>4272 - 4276</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:	<u> </u>	Hours	
Static rock Pressure:	<u>Co-mingled</u>	psig(surface pressure) after	<u> </u> Hours
Fourth Producing formation:	<u>LOWER RILEY</u>	Pay zone Depth (ft)	<u>4084 - 4105</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:	<u> </u>	Hours	
Static rock Pressure:	<u>Co-mingled</u>	psig(surface pressure) after	<u> </u> Hours
Fifth Producing formation:	<u>BALLTOWN C</u>	Pay zone Depth (ft)	<u>3316 - 3369</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:	<u> </u>	Hours	
Static rock Pressure:	<u>CO-MINGLED</u>	psig(surface pressure) after	<u> </u> Hours
Sixth Producing formation:	<u>BALLTOWN B</u>	Pay zone Depth (ft)	<u>3137 - 3156</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:	<u> </u>	Hours	
Static rock Pressure:	<u>Co-mingled</u>	psig(surface pressure) after	<u> </u> Hours

12/16/2011