

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

Well Operator's Report of Well Work

Farm name: CLARKSON, ROBERT Operator Well No.: 6

LOCATION: Elevation: 1461 Quadrangle: THORNTON

District: RENO County: PRESTON
Latitude: 4,050 Feet South of 39 Deg. 20 Min. 0 Sec.
Longitude: 5,780 Feet West of 79 Deg. 52 Min. 30 Sec.

Company: Texas Keystone, Inc.

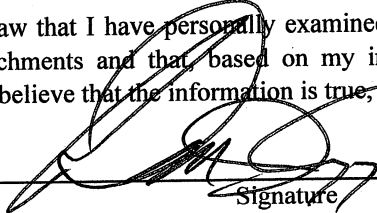
Address:	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
<u>560 Epsilon Drive Pittsburgh, PA 15238</u>				
Agent: <u>Jon Farmer</u>	<u>13 3/8"</u>	<u>42</u>	<u>42</u>	<u>Sanded In</u>
Inspector: <u>Bryan Harris</u>				
Date Permit Issued: <u>01/21/10</u>	<u>9 5/8"</u>	<u>465</u>	<u>465</u>	<u>175</u>
Date Well Work Commenced: <u>01/25/11</u>				
Date Well Work Completed: <u>02/01/11</u>	<u>7"</u>	<u>1642</u>	<u>1642</u>	<u>225</u>
Verbal Plugging:				
Date Permission granted on:	<u>4 1/2"</u>	<u>0</u>	<u>5359</u>	<u>245</u>
Rotary <input checked="" type="checkbox"/> Cable <input type="checkbox"/> Rig <input type="checkbox"/>				
Total Vertical Depth (ft.): <u>5862</u>	<u>1 1/2"</u>	<u>0</u>	<u>5193</u>	<u>0</u>
Total Measured Depth(ft.): <u>5862</u>				
Fresh Water Depth (ft.): <u>140, 550</u>				
Salt Water Depth (ft.): <u>none reported</u>				
Is coal being mined in the area (N/Y)? <u>N</u>				
Coal Depths (ft.): <u>none reported</u>				
Void(s) encountered (N/Y) Depth(s): <u>N</u>				

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

Producing formation: 3RD ELK Pay zone Depth (ft) 5232 - 5259
Gas: Initial open flow: G/S TSTM MCF/D Oil: Initial open flow: 0 Bbl/d
Final open flow 184 MCF/D Oil: Final open flow: 0 Bbl/d
Time of open flow between initial and final tests: N/A Hours
Static rock Pressure: 850 psig(surface pressure) after 192 Hours

Second Producing formation: LOWER RILEY Pay zone Depth (ft) 3948 - 3954
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 5232' - 5259' (27 shots). BD 3367 #. 150 sks 40/70 & 100 sks 20/40. 620 bbl. Gel Frac.

Perfed Lower Riley 3948' - 3954' (18 shots). BD 4500 #. 200 sks 40/70 & 100 sks 20/40. 720 bbl. Gel Frac.

Perfed Balltown B 3038' - 3056' (36 shots). BD 4500 #. 250 sks 40/70 & 100 sks 20/40. 703 bbl. Gel Frac.

Perfed Speechley B 2505' - 2514' (27 shots). BD 4570 #. 0 sks 40/70 & 0 sks 20/40. 225 bbl. Gel Frac.

Perfed Bayard 2358' - 2392' (34 shots). BD 4550 #. 200 sks 40/70 & 100 sks 20/40. 920 bbl. Gel Frac.

Formations Encountered:	Top Depth	Bottom Depth	Notes:
FILL	0	15	
SHALE	15	25	
SANDY SHALE	25	35	
SANDSTONE	35	80	
SANDY SHALE	80	120	
SANDSTONE	120	230	1/4" FW @ 140'
SANDY SHALE	230	270	
SANDSTONE	270	330	
SANDY SHALE	330	400	
SANDSTONE	400	460	
SANDY SHALE	460	600	DAMP FW @ 550'
SANDSTONE	600	820	
SANDY SHALE	820	1178	
LITTLE LIME	1178	1193	
PENCIL CAVE SHALE	1193	1220	
BIG LIME	1220	1420	
SHALE	1420	1437	
SQUAW SANDSTONE	1437	1464	
SHALE	1464	1493	
WEIR SANDSTONE	1493	1525	
SANDY SHALE	1525	1646	
BEREA SANDSTONE	1646	1666	
UPPER GANTZ SANDSTONE	1666	1677	
SHALE	1677	1693	
GANTZ SANDSTONE	1693	1744	
SANDY SHALE	1744	1796	
SHALE	1796	2030	
SANDY SHALE	2030	2355	
BAYARD SANDSTONE	2355	2394	
SHALE	2394	2422	
SPEECHLEY A SANDSTONE	2422	2448	
SHALE	2448	2503	
SPEECHLEY B SANDSTONE	2503	2518	
SHALE	2518	3035	
BALLTOWN B SANDSTONE	3035	3062	GAS SHOW @ 3050' TSTM
SHALE	3062	3946	
LOWER RILEY SILTSTONE	3946	3969	GAS SHOW @ 3950' TSTM
SHALE	3969	4353	
SANDY SHALE	4353	4411	
SHALE	4411	4541	
1ST ELK SILTSTONE	4541	4612	
SANDY SHALE	4612	5204	
3RD ELK SILTSTONE	5204	5273	GAS SHOW @ 5250' TSTM
SHALE	5273	5862	TD

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Third Producing formation:	<u>BALLTOWN B</u>	Pay zone Depth (ft)	<u>3038 - 3056</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>SPEECHLEY B</u>	Pay zone Depth (ft)	<u>2505 - 2514</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>BAYARD</u>	Pay zone Depth (ft)	<u>2358 - 2392</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

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