

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

Well Operator's Report of Well Work

Farm name: LANCO Operator Well No.: 3
 LOCATION: Elevation: 1774 Quadrangle: BRANDONVILLE
 District: GRANT County: PRESTON
 Latitude: 12,140 Feet South of 39 Deg. 45 Min. 0 Sec.
 Longitude: 10,260 Feet West of 79 Deg. 35 Min. 0 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: 03/16/09	9 5/8"	378	378	140
Date Well Work Commenced: 06/24/10				
Date Well Work Completed: 06/30/10	7"	1307	1307	175
Verbal Plugging:				
Date Permission granted on:	4 1/2"	0	3975	120
Rotary <input checked="" type="checkbox"/> Cable <input type="checkbox"/> Rig <input type="checkbox"/>				
Total Vertical Depth (ft.): 4028				
Total Measured 4028				
Fresh Water Depth (ft.): 170, 225, 360, 420, 780				
Salt Water Depth (ft.): none reported				
Is coal being mined in the area (N/Y)? N				
Coal Depths (ft.): none reported				
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 Riley Pay zone Depth (ft) 3883 - 3889
 Gas: Initial open flow: G/S TSTM MCF/D Oil: Initial open flow: 0 Bbl/d
 Final open flow: 1462 MCF/D Oil: Final open flow: 0 Bbl/d
 Time of open flow between initial and final tests: N/A Hours
 Static rock Pressure: 1200 psig(surface pressure) after 264 Hours

Second Producing formation: Baltown B Pay zone Depth (ft) 3041 - 3104
 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: N/A 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

8-30-10
Date

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Were core samples taken? No X Were cuttings caught during? 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 Riley 3883' - 3889' (18 shots). BD 2974 #. 350 sks 20/40. 658 bbl. Gel Frac.

Perfed Balltown B 3041' - 3104' (36 shots). BD @ 1900 #. 430 sks 20/40. 890 bbl. Gel Frac.

Perfed Speechley A 2766' - 2809' (28 shots). BD 2700 #. 250 sks 20/40. 470 bbl. Gel Frac.

Formations Encountered:	Top Depth	Bottom Depth	Notes
FILL	0	22	
SHALE	22	30	
SANDSTONE	30	40	
SANDY SHALE	40	175	1" FW @ 170
SANDSTONE	175	230	2" FW @ 225
SANDY SHALE	230	430	1" FW @ 360
SANDSTONE	430	470	DAMP FW @ 420
SANDY SHALE	470	570	
SANDSTONE	570	690	
REDROCK SHALE	690	715	
SANDY SHALE	715	731	
LITTLE LIME	731	746	
PENCIL CAVE SHALE	746	755	
BIG LIME	755	809	
BIG INTLN SANDSTONE	809	1105	1 1/2" FW @ 780
SANDY SHALE	1105	1226	
WEIR SANDSTONE	1226	1272	
SANDY SHALE	1272	1330	
BEREA SANDSTONE	1330	1374	
SHALE	1374	1393	
GAULT SANDSTONE	1393	1446	
SANDY SHALE	1446	1967	
UPPER 4TH SAND	1967	2000	
SANDY SHALE	2000	2151	
SHALE	2151	2193	
BAYARD SANDSTONE	2193	2259	
SHALE	2259	2275	
BAYARD B SANDSTONE	2275	2329	
SHALE	2329	2400	
SANDY SHALE	2400	2763	
SPEECHLEY A SANDSTONE	2763	2810	
SANDY SHALE	2810	3007	
BALLTOWN B SANDSTONE	3007	3108	GAS SHOW @ 3100 TSTM
SHALE	3108	3120	
BALLTOWN C SANDSTONE	3120	3147	
SHALE	3147	3250	
SANDY SHALE	3250	3477	
SHALE	3477	3620	
SANDY SHALE	3620	3669	
3RD RILEY SILTSTONE	3669	3902	GAS SHOW @ 3890 TSTM
SANDY SHALE	3902	4028	TD

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Additional Pay information

Third Producing formation:	<u>Speckley A</u>	Pay zone Depth (ft)	<u>2766 - 2809</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>N/A</u>	Hours	
Static rock Pressure:	<u>Co-mingled</u>	psig(surface pressure) after	<u>-</u> Hours