

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

Well Operator's Report of Well Work

Firm name: HALL, WILLIAM Operator Well No.: 4

LOCATION: Elevation: 1749 Quadrangle: BRANDONVILLE

District: GRANT County: PRESTON
Latitude: 12.280 Feet South of 39 Deg. 45 Min. 0 Sec.
Longitude: 86.679 Feet West of 79 Deg. 35 Min. 0 Sec.

Company: Texas Keystone, Inc.

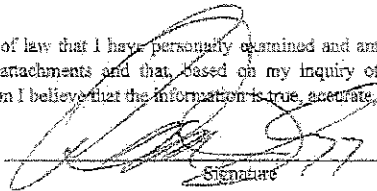
Address:	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
560 Epsilon Drive Pittsburgh, PA 15238				
Agent: Jon Farmer	13 3/8"	42	42	Sanded In
Inspector: Bryan Harris				
Date Permit Issued: 01/11/10	9 5/8"	379	379	140
Date Well Work Commenced: 07/01/10				
Date Well Work Completed: 07/08/10	7"	1223	1223	170
Verbal Plugging:				
Date Permission granted on:	4 1/2"	0	3178	80
Rotary <input checked="" type="checkbox"/> Cable <input type="checkbox"/> Rig <input type="checkbox"/>				
Total Vertical Depth (ft.): 3927	1 1/2"	0	3040	0
Total Measured 3927				
Fresh Water Depth (ft.): 53, 310, 820, 910, 970				
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) Depths: N				

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

Producing formation: Balhoun C Pay zone Depth (ft) 3051 - 3061
Gas: Initial open flow: G/S TSTM MCF/D Oil: Initial open flow: 0 Bbl/d
Final open flow 380 MCF/D Oil: Final open flow: 0 Bbl/d
Time of open flow between initial and final tests: N/A Hours
Static rock Pressure: 1067 psig(surface pressure) after 192 Hours

Second Producing formation: _____ Pay zone Depth (ft) _____
Gas: Initial open flow: _____ MCF/D Oil: Initial open flow: _____ Bbl/d
Final open flow _____ MCF/D Oil: Final open flow: _____ Bbl/d
Time of open flow between initial and final tests: _____ Hours
Static rock Pressure: _____ 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 _____ Date 8-30-10

RECEIVED
Office of Oil & Gas

SEP 05 2012

WAS State Dept of
Energy, Mineral & Natural Resources

Were core samples taken? No X Were cuttings caught during filling? 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 Balltown C 3051' - 3061' (30 shots). BD 2874 #. 500 sks 20/40. 770 bbl. Gel Frac.

Formations Encountered:	Top Depth	Bottom Depth	Notes:
FILL	0	17	
SANDSTONE	17	25	
SHALE	25	35	
SANDY SHALE	35	290	1/2" FW @ 53'
SANDSTONE	290	530	1/2" FW @ 310'
REDROCK SHALE	530	597	
LITTLE LIMB	597	608	
PENCIL CAVE SHALE	608	637	
BIG LIMB	637	779	
BIG INJUN SANDSTONE	779	897	DAMP FW @ 820'
SHALE	897	1072	1/2" FW @ 910'
WEIR SANDSTONE	1072	1131	1/2" FW @ 970'
SHALE	1131	1198	
BEREA SANDSTONE	1198	1265	
SHALE	1265	1277	
GANTZ SANDSTONE	1277	1322	
SANDY SHALE	1322	1822	
UPPER 4TH SAND	1822	1868	
SANDY SHALE	1868	2076	
BAYARD SANDSTONE	2076	2150	
SHALE	2150	2262	
SANDSTONE	2262	2346	
SANDY SHALE	2346	2568	
SPEECHLEY A SANDSTONE	2568	2615	
SHALE	2615	2769	
SANDY SHALE	2769	2917	
BALLTOWN C SANDSTONE	2917	3068	GAS SHOW @ 3069 TSTM
SANDY SHALE	3068	3421	
SHALE	3421	3485	
SANDY SHALE	3485	3927	TD