WR-35
Rev (8-10)

DATE: 9/14/2011
API #: 4700103158

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

Well Operator's Report of Well Work

Farm name: FOGG, GERALD Operator Well No.: 3

LOCATION: Elevation: 1592' Quadrangle: FELLOWSVILLE

District: COVE County: BARBOUR
Latitude: 8,448 Feet South of 39 Deg. 16 Min. 9.4 Sec.
Longitude: 9,374 Feet West of 79 Deg. 51 Min. 55.5 Sec.

Company: Texas Keystone, Inc.

		Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
Address:	560 Epsilon Drive				
	Pittsburgh, PA 15238				
Agent:	Jon Farmer	13 3/8"	42	42	SANDED IN
Inspector:	Bryan Harris				
Date Permit Issued:	11/05/10	9 5/8"	465	465	175
Date Well Work Commenced:	07/12/11				
Date Well Work Completed:	07/19/11	7"	1816	1816	245
Verbal Plugging:					
Date Permission granted on:		4 ½"	0	5557	193
Rotary [X] **Cable** [ ] **Rig** [ ]					
Total Vertical Depth (ft.):	5714	1 ½"	0	5391	0
Total Measured Depth(ft.):	5714				
Fresh Water Depth (ft.):	210, 710				
Salt Water Depth (ft.):	1460				
Is coal being mined in the area (N/Y)?	N				
Coal Depths (ft.):	322				
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: 5TH ELK Pay zone Depth (ft) 5401 - 5428
Gas: Initial open flow: G/S TSTM MCF/D Oil: Initial open flow: 0 Bbl/d
Final open flow 368 MCF/D Oil: Final open flow: 0 Bbl/d
Time of open flow between initial and final tests: N/A Hours
Static rock Pressure: 1275 psig(surface pressure) after 48 Hours

Second Producing formation: 3RD ELK Pay zone Depth (ft) 5057 - 5069
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

9-15-11
Date

10/14/2011

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 5th Elk 5401' - 5428' (27 shots). BD 3323 #. 100 sks 20/40 & 265 sks 40/70. 631 bbl. Gel Frac.
Perfed 3rd Elk 5057' - 5069' (18 shots). BD 3848 #. 100 sks 20/40 & 222 sks 40/70. 621 bbl. Gel Frac.
Perfed Alexander 4393' - 4400' (21 shots). BD 4090 #. 100 sks 20/40 & 112 sks 40/70. 467 bbl. Gel Frac.
Perfed Benson 4172' - 4178' (18 shots). BD 4155 #. 100 sks 20/40 & 165 sks 40/70. 544 bbl. Gel Frac.
Perfed Balltown C 3302' - 3312' (20 shots). BD 3815 #. 11700 sks 20/40 & 160 sks 40/70. 525 bbl. Gel Frac.

Formations Encountered:	Top Depth	Bottom Depth	Notes:
FILL	0	18	
REDROCK SHALE	18	32	
SANDSTONE	32	95	
SANDY SHALE	95	120	
SANDSTONE	120	200	
SANDY SHALE	200	322	1/2" FW @ 210'
COAL	322	326	
SANDY SHALE	326	395	
SANDSTONE	395	412	
SANDY SHALE	412	442	
REDROCK SHALE	442	480	
SANDSTONE	480	560	
SANDY SHALE	560	590	
SANDSTONE	590	640	
SANDY SHALE	640	760	1/4" FW @ 710'
SANDSTONE	760	880	
SANDY SHALE	880	955	
REDROCK SHALE	955	1000	
SANDSTONE	1000	1075	
REDROCK SHALE	1075	1120	
SANDSTONE	1120	1250	
REDROCK SHALE	1250	1311	
LITTLE LIME	1311	1326	
PENCIL CAVE SHALE	1326	1350	
BIG LIME	1350	1598	1/4" SW @ 1460'
SANDY SHALE	1598	1637	
WEIR SANDSTONE	1637	1680	
SHALE	1680	1786	
UPPER GANTZ SANDSTONE	1786	1802	
SHALE	1802	1823	
GANTZ SANDSTONE	1823	1840	
SANDY SHALE	1840	3299	
BALLTOWN C SANDSTONE	3299	3317	
SHALE	3317	3345	
SANDY SHALE	3345	4166	
BENSON SILTSTONE	4166	4170	
SANDY SHALE	4170	4368	
ALEXANDER SILTSTONE	4368	4402	
SANDY SHALE	4402	4576	
1ST ELK SILTSTONE	4576	4638	
SANDY SHALE	4638	4830	
2ND ELK SILTSTONE	4830	4868	
SHALE	4868	4929	
2ND ELK A SILTSTONE	4929	4960	
SANDY SHALE	4960	5057	
3RD ELK SILTSTONE	5057	5080	
SANDY SHALE	5080	5193	
4TH ELK SILTSTONE	5193	5220	
SANDY SHALE	5220	5386	
5TH ELK SILSTONE	5386	5445	
SHALE	5445	5714	TD

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Third Producing formation: ALEXANDER Pay zone Depth (ft) 4393 - 4400
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: BENSON Pay zone Depth (ft) 4172 - 4178
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 C Pay zone Depth (ft) 3302 - 3312
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