WR-35
Rev (8-10)

DATE: 12/13/2011
API #: ~~4707700573~~
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State of West Virginia
Department of Environmental Protection
Office of Oil and Gas

RECEIVED
DEC 22 2011
WV GEOLOGICAL SURVEY
MORGANTOWN, WV

Well Operator's Report of Well Work

Farm name: RUNNER, EDWIN Operator Well No.: 15

LOCATION: Elevation: 1534' Quadrangle: FELLOWSVILLE

District: RENO County: PRESTON
Latitude: 7,500 Feet South of 39 Deg. 20 Min. 0 Sec.
Longitude: 6,790 Feet West of 79 Deg. 50 Min. 0 Sec.

Company: Texas Keystone, Inc.

Address: 560 Epsilon Drive	**Casing & Tubing**	**Used in drilling**	**Left in well**	**Cement fill up Cu. Ft.**
Pittsburgh, PA 15238				
Agent: Jon Farmer	13 3/8"	42	42	Sanded In
Inspector: Bryan Harris				
Date Permit Issued: 10/20/09	9 5/8"	463	463	180
Date Well Work Commenced: 10/17/11				
Date Well Work Completed: 10/24/11	7"	1733	1733	230
Verbal Plugging:				
Date Permission granted on:	4 ½"	0	5259	225
Rotary [X] **Cable** [ ] **Rig** [ ]				
Total Vertical Depth (ft.): 5654				
Total Measured Depth(ft.): 5654				
Fresh Water Depth (ft.): none reported				
Salt Water Depth (ft.): none reported				
Is coal being mined in the area (N/Y)? N				
Coal Depths (ft.): 370				
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 ELK Pay zone Depth (ft) 5143 - 5156
Gas: Initial open flow: G/S TSTM MCF/D Oil: Initial open flow: 0 Bbl/d
Final open flow 103 MCF/D Oil: Final open flow: 0 Bbl/d
Time of open flow between initial and final tests: N/A Hours
Static rock Pressure: 525 psig(surface pressure) after 72 Hours

Second Producing formation: 2ND ELK Pay zone Depth (ft) 4838 - 4842
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

12/15/11
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 5143' - 5156' (18 shots). BD 3500 #. 200 sks 40/70 & 107 sks 20/40. 533 bbl. Gel Frac.
Perfed 2nd Elk 4838' - 4842' (12 shots). BD 2500 #. 150 sks 40/70 & 104 sks 20/40. 599 bbl. Gel Frac.
Perfed 2nd Alexander 4374' - 4384' (24 shots). BD 3570 #. 200 sks 40/70 & 95 sks 20/40. 491 bbl. Gel Frac.

Formations Encountered:	Top Depth	Bottom Depth	Notes:
FILL	0	20	
SANDY SHALE	20	38	
SANDSTONE	38	52	
RED ROCK	52	74	
SANDY SHALE	74	122	
SANDSTONE	122	145	
SANDY SHALE	145	184	
SANDSTONE	184	265	
SANDY SHALE	265	370	
COAL	370	374	
SANDSTONE	374	421	
SANDY SHALE	421	442	
SANDSTONE	442	512	
SANDY SHALE	512	690	
SANDY RED ROCK	690	780	
SANDSTONE	780	890	
SANDY SHALE	890	970	
RED ROCK	970	1120	
SHALE	1120	1225	
SANDSTONE	1225	1240	
SANDY SHALE	1240	1265	
LITTLE LIME	1265	1279	
PENCIL CAVE SHALE	1279	1305	
BIG LIME	1305	1516	
SHALE	1516	1583	
WEIR SANDSTONE	1583	1630	
SHALE	1630	1722	
BEREA SANDSTONE	1722	1748	
UPPER GANTZ SANDSTONE	1748	1765	
SHALE	1765	1788	
GANTZ SANDSTONE	1788	1803	
SHALE	1803	1824	
LOWER GANTZ SANDSTONE	1824	1851	
SANDY SHALE	1851	2319	
LOWER FOURTH SAND	2319	2377	
SANDY SHALE	2377	2519	
SPEECHLEY A SANDSTONE	2519	2547	
SHALE	2547	2984	
BALLTOWN A SANDSTONE	2984	2987	
SHALE	2987	3096	
BALLTOWN B SANDSTONE	3096	3118	
SANDY SHALE	3118	3908	
UPPER RILEY SILTSTONE	3908	3926	
SHALE	3926	4330	
ALEXANDER SILTSTONE	4330	4384	
SANDY SHALE	4384	4552	
1ST ELK SILTSTONE	4552	4560	
SANDY SHALE	4560	4809	
2ND ELK SILTSTONE	4809	4841	
SHALE	4841	5141	
3RD ELK SILTSTONE	5141	5179	
SHALE	5179	5654	TD

Third Producing formation:	2ND ALEXANDER	Pay zone Depth (ft)	4374 - 4384		
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