WR-35
Rev (8-10)

DATE: 4/8/2011
API #: 4709101129

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

Well Operator's Report of Well Work

Farm name: MCCARTNEY, CLAUDE Operator Well No.: 2

LOCATION: Elevation: 1458 Quadrangle: THORNTON

District: KNOTTSVILLE County: TAYLOR
Latitude: 7,110 Feet South of 39 Deg. 20 Min. 0 Sec.
Longitude: 6,740 Feet West of 79 Deg. 55 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: 05/05/09	9 5/8"	462	462	170
Date Well Work Commenced: 03/14/11				
Date Well Work Completed: 03/22/11	7"	1522	1522	205
Verbal Plugging:				
Date Permission granted on:	4 ½"	0	5150	190
Rotary [X] **Cable** [ ] **Rig** [ ]				
Total Vertical Depth (ft.): 5525				
Total Measured Depth(ft.): 5525				
Fresh Water Depth (ft.): 135				
Salt Water Depth (ft.): none reported				
Is coal being mined in the area (N/Y)? N				
Coal Depths (ft.): 615, 685				
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) 5004 - 5030
Gas: Initial open flow: G/S TSTM MCF/D Oil: Initial open flow: 0 Bbl/d
Final open flow >1800 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 12 Hours

Second Producing formation: 3RD ELK Pay zone Depth (ft) 4922 - 4947
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

12/16/2011

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 3rd Elk 5004' - 5030' (26 shots). BD 3160 #. 150 sks 40/70 & 100 sks 20/40. 566 bbl. Gel Frac.
Perfed 3rd Elk 4922' - 4947' (22 shots). BD 2700 #. 103 sks 40/70 & 100 sks 20/40. 520 bbl. Gel Frac.
Perfed 2nd Elk 4703' - 4711' (24 shots). BD 2100 #. 253 sks 40/70 & 101 sks 20/40 sks. 782 bbl. Gel Frac.
Perfed Benson 4059' - 4065' (18 shots). BD 2000 #. 203 sks 40/70 & 102 sks 20/40. 691 bbl. Gel Frac.
Perfed Balltown B 2953' - 2965' (22 shots). BD 2750 #. 152 sks 40/70 & 100 sks 20/40. 536 bbl. Gel Frac.
Perfed Balltown A 2870' - 2880' (20 shots). BD 1200 #. 167 sks 40/70 & 118 sks 20/40. 585 bbl. Gel Frac.

Formations Encountered:	Top Depth	Bottom Depth	Notes:
FILL	0	16	
SANDSTONE	16	28	
SANDY SHALE	28	36	
SANDSTONE	36	60	
SANDY SHALE	60	120	
SANDSTONE	120	202	1/2" FW @ 135'
SHALE	202	240	
SANDY SHALE	240	295	
SANDSTONE	295	320	
SHALE	320	360	
SANDY SHALE	360	385	
SANDSTONE	385	475	
SANDY SHALE	475	615	
COAL	615	620	
SANDY SHALE	620	685	
COAL	685	690	
SANDY SHALE	690	995	
SANDSTONE	995	1020	
REDROCK SHALE	1020	1063	
LITTLE LIME	1063	1078	
PENCIL CAVE SHALE	1078	1099	
BIG LIME	1099	1297	
SHALE	1297	1345	
SQUAW SANDSTONE	1345	1357	
SHALE	1357	1396	
WEIR SANDSTONE	1396	1434	
SHALE	1434	1540	
BEREA SANDSTONE	1540	1563	
SHALE	1563	1578	
GANTZ SANDSTONE	1578	1622	
LOWER GANTZ SANDSTONE	1622	1690	
SANDY SHALE	1690	2294	
BAYARD SANDSTONE	2294	2318	
SANDY SHALE	2318	2860	
BALLTOWN A SANDSTONE	2860	2886	
SHALE	2886	2939	
BALLTOWN B SANDSTONE	2939	2966	
SHALE	2966	3749	
SANDY SHALE	3749	4054	
BENSON SILTSTONE	4054	4066	GAS SHOW @ 4065' TSTM
SANDY SHALE	4066	4439	
1ST ELK SILTSTONE	4439	4513	
SANDY SHALE	4513	4659	
2ND ELK SILTSTONE	4659	4713	GAS SHOW @ 4705' TSTM
SANDY SHALE	4713	4913	
3RD ELK SILTSTONE	4913	5035	
SANDY SHALE	5035	5300	
SHALE	5300	5525	TD

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Third Producing formation: 2ND ELK Pay zone Depth (ft) 4703 - 4711
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) 4059 - 4065
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 B Pay zone Depth (ft) 2953 - 2965
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

Sixth Producing formation: BALLTOWN A Pay zone Depth (ft) 2870 - 2880
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

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