

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

Well Operator's Report of Well Work

Farm name: QUEEN, DONNA Operator Well No.: 1

LOCATION: Elevation: 1781' Quadrangle: NESTORVILLE

District: COVE County: BARBOUR
Latitude: 810 Feet South of 39 Deg. 15 Min. 0 Sec.
Longitude: 40 Feet West of 79 Deg. 52 Min. 30 Sec.

Company: Texas Keystone, Inc.

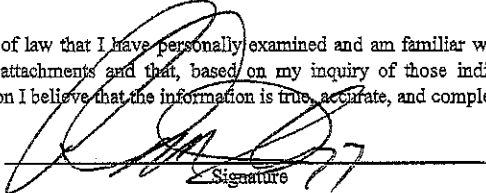
| Address: | Casing & Tubing | Used in drilling | Left in well | Cement fill up Cu. Ft. |
|--|-----------------|------------------|--------------|------------------------|
| 560 Epsilon Drive Pittsburgh, PA 15238 | | | | |
| Agent: Jon Farmer | 13 3/8" | 42 | 42 | SANDED IN |
| Inspector: Bryan Harris | | | | |
| Date Permit Issued: 01/11/11 | 9 5/8" | 465 | 465 | 215 |
| Date Well Work Commenced: 06/23/11 | | | | |
| Date Well Work Completed: 06/30/11 | 7" | 2025 | 2025 | 265 |
| Verbal Plugging: | | | | |
| Date Permission granted on: | 4 1/2" | 5631 | 5631 | 230 |
| Rotary <input checked="" type="checkbox"/> Cable <input type="checkbox"/> Rig <input type="checkbox"/> | | | | |
| Total Vertical Depth (ft.): 5832 | | | | |
| Total Measured Depth (ft.): 5832 | | | | |
| Fresh Water Depth (ft.): 55, 322, 740 | | | | |
| Salt Water Depth (ft.): | | | | |
| Is coal being mined in the area (N/Y)? N | | | | |
| Coal Depths (ft.): 165, 675 | | | | |
| 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) 5517' - 5522'
Gas: Initial open flow: G/S TSTM MCF/D Oil: Initial open flow: 0 Bbl/d
Final open flow 146 MCF/D Oil: Final open flow: 0 Bbl/d
Time of open flow between initial and final tests: N/A Hours
Static rock Pressure: 1500 psig(surface pressure) after 96 Hours

Second Producing formation: 3RD ELK Pay zone Depth (ft) 5175' - 5186'
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

9-22-11
Date

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Were core samples taken? 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 5517' - 5522' (15 shots). BD 4185 #. 100 sks 20/40 & 200 sks 40/70. 566 bbl. Gel Frac.
 Perfed 3rd Elk 5175' - 5186" (22 shots). BD 3350 #. 110 sks 20/40 & 200 sks 40/70. 644 bbl. Gel Frac.
 Perfed Alexander 4491' - 4522' (32 shots). BD 3150 #. 109 sks 20/40 & 150 sks 40/70. 735 bbl. Gel Frac.
 Perfed Balltown C 3432' - 3437' (15 shots). BD 4600 #. 86 sks 20/40 & 75 sks 40/70. 403 bbl. Gel Frac.
 Perfed Speechley C 2846' - 2852' (18 shots). BD 3734#. 108 sks 20/40 & 100 sks 40/70. 423 bbl. Gel Frac

| Formations Encountered: | Top Depth | Bottom Depth | Notes: |
|-------------------------|-----------|--------------|----------------|
| FILL | 0 | 16 | |
| SANDSTONE | 16 | 24 | |
| SANDY SHALE | 24 | 52 | |
| SHALE | 52 | 75 | DAMP @ 55' |
| SANDY SHALE | 75 | 112 | |
| SHALE | 112 | 165 | |
| COAL | 165 | 170 | |
| SANDSTONE | 170 | 230 | |
| SANDY SHALE | 230 | 285 | |
| SANDSTONE | 285 | 390 | 1/2" FW @ 322' |
| SANDY SHALE | 390 | 410 | |
| REDROCK | 410 | 450 | |
| SANDSTONE | 450 | 485 | |
| SANDY SHALE | 485 | 675 | |
| COAL | 675 | 680 | |
| SANDY SHALE | 680 | 760 | DAMP @ 740' |
| SANDSTONE | 760 | 845 | |
| SHALE | 845 | 900 | |
| SANDY SHALE | 900 | 990 | |
| SANDSTONE | 990 | 1075 | |
| SANDY SHALE | 1075 | 1115 | |
| REDROCK | 1115 | 1280 | |
| SANDSTONE | 1280 | 1355 | |
| REDROCK | 1355 | 1468 | |
| LITTLE LIME | 1468 | 1483 | |
| PENCIL CAVE SHALE | 1483 | 1515 | |
| BIG LIME | 1515 | 1740 | |
| SANDY SHALE | 1740 | 1760 | |
| WEIR SANDSTONE | 1760 | 1807 | |
| SHALE | 1807 | 1917 | |
| UPPER GANTZ SANDSTONE | 1917 | 19311 | |
| SHALE | 19311 | 1952 | |
| GANTZ SANDSTONE | 1952 | 2054 | |
| SANDY SHALE | 2054 | 2844 | |
| SPEECHLEY C SANDSTONE | 2844 | 2871 | |
| SANDY SHALE | 2871 | 3422 | |
| BALLTOWN C SANDSTONE | 3422 | 3450 | |
| SANDY SHALE | 3450 | 4294 | |
| BENSON SILTSTONE | 4294 | 4303 | |
| SANDY SHALE | 4303 | 4490 | |
| ALEXANDER SILTSTONE | 4490 | 4525 | |
| SANDY SHALE | 4525 | 4700 | |
| 1ST ELK SILTSTONE | 4700 | 4808 | |
| SANDY SHALE | 4808 | 4957 | |
| 2ND ELK SILTSTONE | 4957 | 4988 | |
| SHALE | 4988 | 5057 | |
| 2ND ELK A SILTSTONE | 5057 | 5090 | |
| SANDY SHALE | 5090 | 5179 | |
| 3RD ELK SILTSTONE | 5179 | 5250 | |
| SANDY SHALE | 5250 | 5303 | |
| 4TH ELK SILTSTONE | 5303 | 5350 | |
| SANDY SHALE | 5350 | 5503 | |
| 5TH ELK SILTSTONE | 5503 | 5561 | |
| SHALE | 5561 | 5832 | TD |

| | | | |
|--|--------------------|-------------------------------|----------------------|
| Third Producing formation: | <u>ALEXANDER</u> | Pay zone Depth (ft) | <u>4491' - 4522'</u> |
| Gas: Initial open flow: | <u>Co-mingled</u> | MCF/D Oil: Initial open flow: | <u>0 Bbl/d</u> |
| Final open flow | <u>Co-mingled</u> | MCF/D Oil: Final open flow: | <u>0 Bbl/d</u> |
| Time of open flow between initial and final tests: | | Hours | |
| Static rock Pressure: | <u>Co-mingled</u> | psig(surface pressure) after | <u>-</u> Hours |
| | | | |
| Fourth Producing formation: | <u>BALLTOWN C</u> | Pay zone Depth (ft) | <u>3432' - 3237'</u> |
| Gas: Initial open flow: | <u>Co-mingled</u> | MCF/D Oil: Initial open flow: | <u>0 Bbl/d</u> |
| Final open flow | <u>Co-mingled</u> | MCF/D Oil: Final open flow: | <u>0 Bbl/d</u> |
| Time of open flow between initial and final tests: | | Hours | |
| Static rock Pressure: | <u>Co-mingled</u> | psig(surface pressure) after | <u>-</u> Hours |
| | | | |
| Fifth Producing formation: | <u>SPEECHLEY C</u> | Pay zone Depth (ft) | <u>2846' - 2852'</u> |
| Gas: Initial open flow: | <u>Co-mingled</u> | MCF/D Oil: Initial open flow: | <u>0 Bbl/d</u> |
| Final open flow | <u>Co-mingled</u> | MCF/D Oil: Final open flow: | <u>0 Bbl/d</u> |
| Time of open flow between initial and final tests: | | Hours | |
| Static rock Pressure: | <u>Co-mingled</u> | psig(surface pressure) after | <u>-</u> Hours |