

WR-35
Rev (9-11)

State of West Virginia
Department of Environmental Protection
Office of Oil and Gas
Well Operator's Report of Well Work

DATE: 6/28/2013
API #: 47-051-01435

Farm name: Wengerd Operator Well No.: 3H

LOCATION: Elevation: 1326' Quadrangle: Glen Easton 7.5'

District: Franklin County: Marshall
Latitude: 12,150 Feet South of 39 Deg. 47 Min. 30 Sec.
Longitude 7,780 Feet West of 80 Deg. 42 Min. 30 Sec.

Company: Gastar Exploration USA, Inc

| Address: | Casing & Tubing | Used in drilling | Left in well | Cement fill up Cu. Ft. |
|--|-----------------|------------------|--------------|------------------------|
| 229 West Main St, Suite 301 Clarksburg, WV 26301 | 20" | | 39' | CTS |
| Agent: Michael McCown | 13 3/8" | | 1090' | 970 ft^3 |
| Inspector: Bill Hendershot | 9 5/8" | | 2541' | 1116 ft^3 |
| Date Permit Issued: 3-30-2011 | 5 1/2" | | 12736' | 3523 ft^3 |
| Date Well Work Commenced: 5-8-2012 | 2 3/8" | | 6849' | |
| Date Well Work Completed: 11-29-2012 | | | | |
| Verbal Plugging: | | | | |
| Date Permission granted on: | | | | |
| Rotary <input type="checkbox"/> Cable <input type="checkbox"/> Rig <input checked="" type="checkbox"/> | | | | |
| Total Vertical Depth (ft): 6741' | | | | |
| Total Measured Depth (ft): 12,769' | | | | |
| Fresh Water Depth (ft.): 60' | | | | |
| Salt Water Depth (ft.): 1600' | | | | |
| Is coal being mined in area (N/Y)? No | | | | |
| Coal Depths (ft.): Refer to page 2 | | | | |
| Void(s) encountered (N/Y) Depth(s) No | | | | |

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

Producing formation Marcellus Pay zone depth (ft) 7139' to 12,499'

Gas: Initial open flow 1872 MCF/d Oil: Initial open flow 11 Bbl/d

Final open flow 3072 MCF/d Final open flow 113 Bbl/d

Time of open flow between initial and final tests 96 Hours

Static rock Pressure _____ psig (surface pressure) after _____ 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 Final open flow _____ Bbl/d

Time of open flow between initial and final tests _____ Hours

Static rock Pressure _____ psig (surface pressure) after _____ Hours

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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.

Steve Pulcini 6-28-13

10/11/2013

Were core samples taken? Yes _____ No

Were cuttings caught during drilling? Yes _____ No

Were Electrical, Mechanical or Geophysical logs recorded on this well? If yes, please list No

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 DEPTH.

Perforated Intervals, Fracturing, or Stimulating:

See attached sheet:

Plug Back Details Including Plug Type and Depth(s): n/a

Formations Encountered: _____ Top Depth _____ / _____ Bottom Depth
Surface: _____

| | | | |
|-------------------|-------------|-----------|-------------|
| Sewickley Coal | 917 - 937 | Geneseo | 6380 - 6593 |
| Pittsburgh Coal | 1080 - 1090 | Tully | 6593 - 6634 |
| Maxton | 2061 - 2111 | Hamilton | 6634 - 6692 |
| Big Lime | 2112- 2142 | Marcellus | 6692 - 6741 |
| Big Injun | 2170 | | |
| Base of Big Injun | 2315 | | |
| Weir | 2488 - 2658 | | |
| Berea | 2658 - 2898 | | |
| Gordon | 2913 - 2943 | | |
| Benson | 3635 - 3645 | | |
| Java | 5250 - 5570 | | |
| Rhinestreet | 6004 - 6396 | | |
| Cashaqua | 6396 - 6492 | | |
| Middlesex | 6492 - 6512 | | |
| West River | 6512 - 6580 | | |

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Fluid & Sand Volume Summary - Wengerd #3H

| Date | Stage | Perforated interval | | Fluid Type | Frac Fluid | Pump Down | 100 mesh | 40/70 M | Total Sand | | Avg Inj |
|---------------|-------|---------------------|----------|------------|---------------|-------------|----------------|----------------|----------------|-----|---------|
| | | From ft | To ft | | | | | | lbs | lbs | |
| Skipped | 1 | | | slk wtr | bbls | 0 | | | 0 | | 0 |
| 10/7/2012 | 2 | 12394 | 12484 | slk wtr | 3818 | 454 | 49737 | 104973 | 154710 | | 82 |
| 10/9/2012 | 3 | 12109 | 12359 | slk wtr | 6261 | 389 | 77814 | 206447 | 284261 | | 81 |
| 10/11/2012 | 4 | 11809 | 12059 | slk wtr | 6035 | 441 | 77576 | 155456 | 233032 | | 81 |
| 10/12/2012 | 5 | 11509 | 11759 | slk wtr | 7351 | 347 | 77088 | 241536 | 318624 | | 80 |
| 10/13/2012 | 6 | 11209 | 11459 | slk wtr | 7240 | 326 | 77563 | 242615 | 320178 | | 80 |
| 10/14/2012 | 7 | 10909 | 11159 | slk wtr | 7003 | 290 | 77480 | 283098 | 360578 | | 80 |
| 10/15/2012 | 8 | 10609 | 10859 | slk wtr | 6967 | 265 | 77569 | 283556 | 361125 | | 80 |
| 10/16/2012 | 9 | 10309 | 10559 | slk wtr | 6775 | 251 | 77549 | 279840 | 357389 | | 80 |
| 10/17/2012 | 10 | 10009 | 10259 | slk wtr | 7016 | 215 | 77627 | 235258 | 312885 | | 80 |
| 10/18/2012 | 11 | 9709 | 9959 | slk wtr | 6716 | 182 | 77524 | 269015 | 346539 | | 80 |
| 10/19/2012 | 12 | 9409 | 9659 | slk wtr | 7336 | 136 | 77626 | 173310 | 250936 | | 80 |
| 10/20/2012 | 13 | 9109 | 9359 | slk wtr | 6699 | 162 | 78223 | 258494 | 336717 | | 80 |
| 10/21/2012 | 14 | 8809 | 9059 | slk wtr | 6944 | 135 | 78161 | 280982 | 359143 | | 80 |
| 10/22/2012 | 15 | 8509 | 8759 | slk wtr | 5792 | 121 | 77686 | 163007 | 240693 | | 80 |
| 10/25/2012 | 16 | 8209 | 8459 | slk wtr | 6524 | 102 | 77581 | 280782 | 358363 | | 80 |
| 10/26/2012 | 17 | 7909 | 8159 | slk wtr | 6936 | 94 | 78291 | 283424 | 361715 | | 80 |
| 10/28/2012 | 18 | 7609 | 7859 | slk wtr | 6568 | 62 | 81463 | 278915 | 360378 | | 82 |
| 10/29/2012 | 19 | 7309 | 7559 | slk wtr | 6782 | 76 | 78294 | 281285 | 359579 | | 82 |
| 10/31/2012 | 20 | 7139 | 7309 | slk wtr | 7220 | 52 | 77035 | 250588 | 327623 | | 80 |
| Totals | | | | | 125983 | 4100 | 1451887 | 4552581 | 6004468 | | |

Water to Recover

130083 bbls

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