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: | March 8, 2012 |
|--------|---------------|
| API #: | 47-095-02023 |

| Farm name: Roger Weese | _ Operator Well | No.: Everett We | eese 1109 | - | | |
|--|----------------------------|------------------|--|-------------------------|--|--|
| LOCATION: Elevation: 767' | Quadrangle: Shirley | | | | | |
| District: McElroy Latitude: 39.424869 Feet South of 39 Deg. Longitude -80.809436 Feet West of 80 Deg | | | | | | |
| Tried House, I.I.C. | | | • | | | |
| Address: P.O. Box 430 | Casing & Tubing | Used in drilling | Left in well | Cement fill up Cu. Ft. | | |
| Reno, Ohio 45773 | | | | <u> </u> | | |
| Agent: Kimberly Arnold | 20" | 80' | 80' | | | |
| Inspector: Joe Taylor | 13 3/8" | 440.78' | 440.78' | 408 cu. ft. | | |
| Date Permit Issued: 05/04/2011 | 9 5/8" | 2754.33' | 2754.33' | 1065 cu.ft. | | |
| Date Well Work Commenced: 10/16/211 | 5 1/2" | 12342.84' | 12342.84' | 3470 cu. ft. | | |
| Date Well Work Completed: 12/12/2011 | 0 1/2 | 12012.01 | 12042.04 | 3470 cd. it. | | |
| Verbal Plugging: | | | | | | |
| Date Permission granted on: | | | | | | |
| Rotary Cable Rig | | | | | | |
| Total Vertical Depth (ft): 6369' | | | | | | |
| Total Measured Depth (ft): 12342' | | | | | | |
| Fresh Water Depth (ft.): | | | | | | |
| Salt Water Depth (ft.): | | | | | | |
| Is coal being mined in area (N/Y)? No | | | | | | |
| Coal Depths (ft.): 740-741', 1055-1057', 1159-1160', 1202-1204',1218-1220', 1245-1248 | 1 1358'-1360', 1515'-1518' | | | | | |
| | 1000-1000, 1010-1010 | | | | | |
| Void(s) encountered (N/Y) Depth(s) None | | | <u> </u> | <u> </u> | | |
| OPEN FLOW DATA (If more than two producing formati | | | ata on separate sl | heet) | | |
| | zone depth (ft) 6 | | | | | |
| Gas: Initial open flow 606 MCF/d Oil: Initial open flow 5918 MCF/d Final open flow 5918 | | | | Land Vindin | | |
| Time of open flow between initial and final tests 582 | | i/u | | | | |
| Static rock Pressure 2507 psig (surface pressure) a | | 'S | APR | 28 2012 | | |
| Second producing formation Pay zo | | 1 | WV GEOLG | TERR SURVEY | | |
| Gas: Initial open flow MCF/d Oil: Initial open flow | one depth (ft) | | MORG/ | ANTOWN WY | | |
| Final open flow MCF/d Final open flow | | | | | | |
| Time of open flow between initial and final tests | Hours | | | | | |
| Static rock Pressurepsig (surface pressure) a | fterHour | S | | | | |
| I certify under penalty of law that I have personally examined | and am familiar | with the inforn | nation submitted | on this document and | | |
| all the attachments and that, based on my inquiry of those indi | ividuals immedia | tely responsibl | e for obtaining tl | he information I believ | | |
| that the information is true, accurate, and complete. | | | | | | |
| Kom / Low | | 3- | 1-1Z | | | |
| Signature | | | Date | | | |

| Were core samples taken? Yes | s No | Were cuttings caught during drilling? YesNo | | | | | | | | |
|--|-----------------------------|---|--|--|--|--|--|--|--|--|
| Were Electrical, Mechanical or Geophysical logs recorded on this well? If yes, please list | | | | | | | | | | |
| 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: | | | | | | | | | |
| Please refer to attached pe | erforation and fracture tre | atment report. | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| Plug Back Details Including Plu | g Type and Depth(s): | · | | | | | | | | |
| | | | | | | | | | | |
| Formations Encountered: Surface: | Top De | pth / Bottom Depth | | | | | | | | |
| 0'-400' sand and shale | 1204'-1218' shale | 1880'-2035' shale | | | | | | | | |
| 400'-410' shale | 1218'-1220' coal | 2035'-2313' sand/shale/siltstone | | | | | | | | |
| 410'-430' silty shale | 1220'-1245' shale | 2313'-2315' Berea | | | | | | | | |
| 430'-740' shale | 1245'-1248' coal | 2315'-2753' Fifth Sand | | | | | | | | |
| 740'-741' coal | 1248'-1358' shale | 2753'-3230' Shale | | | | | | | | |
| 741'-945' shale | 1358'-1360' coal | 3230'-3270' Warren | | | | | | | | |
| 945'-985' sand | 1360'-1515' shale an | d sand 3270'-4397' Shale | | | | | | | | |
| 985'-1055' shale | 1515'-1518' coal | 4397'-4429' Riley | | | | | | | | |
| 1055'-1057' coal | 1518'-1520' shale | 4426'-4484' Shale | | | | | | | | |
| 1057'-1115' shale | 1520'-1585' Maxton | 4484'-4486' Benson | | | | | | | | |
| 1115'- 1155' sand | 1585'-1605' shale | 4486'-6286' Shale | | | | | | | | |
| 1155'-1159' shale | 1605'-1625' Little Lim | | | | | | | | | |
| 1159'-1160' coal | 1625'-1635' Pencil Ca | | | | | | | | | |
| 1160'-1202' shale | 1635'-1720' Big Lime | 6355' Marcellus | | | | | | | | |
| 1202'-1204' coal | 1720'-1881' Big Injun | | | | | | | | | |
| | | lane and have the | | | | | | | | |

APR 2 6 2012

Everett Weese 1109 Perf Spacing for 18 stages

Stage Length:

308'

Num Clusters:

4 to 5

Dist between Perfs:

77' 3'

Perf length:

Stages:

18

Start Depth:

12342'

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6916'

| | | , | 90@: | 6916' | | | | | | | | | | |
|-------|----|------------|---------------|---------------|---------------|---------------|---------------|--------------|-----------------------|--------------|----------|----------|-----------|------------|
| | | | | | | | | FT | PSI | PSI | BPM | ВРМ | bbls | lbs |
| | | Plug Depth | Interval 1 | Interval2 | Interval 3 | Interval 4 | Interval 5 | Stage Length | Avg Treating Pressure | Max Pressure | Avg Rate | Max Rate | Fluid Vol | Total Sand |
| Stage | 1 | 12342 | 12226'-12223' | 12210'-12207' | 12143'-12140' | 12075'-12073 | 12008'-12005' | 369 | 7355 | 8104 | 81.4 | 85.2 | 9600 | 427000 |
| Stage | 2 | 11973 | 11936'-11933' | 11859'-11856' | 11782'-11779' | 11705'-11702' | | 308 | 7743 | 7803 | 83.7 | 86.5 | 8505 | 427000 |
| Stage | 3 | 11665 | 11628'-11625' | 11551'-11548' | 11474'-11471' | 11397'-11394' | | 310 | 7808 | 8779 | 82.8 | 86.2 | 8318 | 427000 |
| Stage | 4 | 11355 | 11320'-11317' | 11243'-11240' | 11166'-11163' | 11089'-11086' | | 306 | 7614 | | 83 | | 8220 | 427000 |
| Stage | 5 | 11049 | 11012'-11009' | 10935'-10932' | 10858'-10855' | 10781'-10778' | | 308 | 7728 | 8004 | 81.1 | 84.6 | 8252 | 427000 |
| Stage | 6 | 10741 | 10704'-10701' | 10627'-10624' | 10550'-10547' | 10473'-10470' | | 308 | 7505 | 8239 | 81.8 | 82.2 | 8252 | 427000 |
| Stage | 7 | 10433 | 10396'-10393' | 10319'-10316' | 10242'-10239' | 10165'-10162' | | 308 | 7433 | 8632 | 82.6 | 85.6 | 8295 | 427000 |
| Stage | 8 | 10125 | 10088'-10085' | 10011'-10008' | 9934'-9931' | 9857'-9854' | | 308 | 7420 | 8359 | 83.9 | 86 | 8860 | 427000 |
| Stage | 9 | 9817 | 9780'-9777' | 9703'-9700' | 9626'-9623' | 9549'-9546' | | 308 | 7293 | 8525 | 83.3 | 86.7 | 8304 | 427000 |
| Stage | 10 | 9509 | 9472'-9469' | 9395'-9392' | 9318'-9315' | 9241'-92338' | | 308 | 7275 | 8480 | 80.5 | 84.2 | 8394 | 427000 |
| Stage | 11 | 9201 | 9164'-9161' | 9087'-9084' | 9010'-9007' | 8933'-8930' | | 308 | 7149 | 8378 | 80.9 | 86.9 | 9844 | 427000 |
| Stage | 12 | 8893 | 8856'-8853' | 8779'-8776' | 8702'-8699' | 8625'-8622' | | 308 | 7266 | 8282 | 77.8 | 79.8 | 8088 | 427000 |
| Stage | 13 | 8585 | 8548'-8545' | 8471'-8468' | 8349'-8391' | 8317'-8314' | | 308 | 7244 | 8330 | 80.4 | 83.1 | 8044 | 427000 |
| Stage | 14 | 8277 | 8240'-8237' | 8163'-8160' | 8086'-8083' | 8009'-8006' | | 308 | 6932 | 8082 | 82.4 | 84.9 | 8158 | 427000 |
| Stage | 15 | 7969 | 7932'-7929' | 7855'-7852' | 7778'-7775' | 7701'-7698' | | 308 | 7019 | 8039 | 79.6 | 83.5 | 8178 | 427000 |
| Stage | 16 | 7661 | 7624'-7621' | 7547'-7544' | 7470'-7467' | 7393'-7390' | | 301 | 6980 | 8123 | 80.8 | 82.9 | 8086 | 427000 |
| Stage | 17 | 7360 | 7316'-7313' | 7239'-7236' | 7162'-7159' | 7085'-7082' | | 315 | 6831 | 8326 | 81.3 | 83 | 8204 | 427000 |
| Stage | 18 | 7045 | 7008'-7005' | 6931'-6928' | 6854'-6851' | 6777'-6774' | | 308 | 6455 | 7646 | 70.4 | 70.7 | 7705 | 427000 |

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WV GEOLÓGICAL SURVEY MORGANTOWN, WV