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: | 02/06/2013 | |
|--------|--------------|--|
| API #: | 47-091-00897 | |

| Farm name: Mayle, Bernard & Doris | Operator Well No.: Mayle 1 | | | |
|---|---|----------------------------|-------------------|--|
| LOCATION: Elevation: 1380 | Quadrangle: _ | Grafton 7.5' | | |
| District: Knottsville | County: Taylor | | | |
| Latitude: 1,440 Feet South of 39 Deg. | Min. | Sec. | | |
| Longitude 2,050 Feet West of 80 Deg. | 00 Min. | oo Sec. | | |
| Company: Petroleum Development Corporation | | | | |
| Address: 120 Genesis Boulevard | Casing & Tubing | Used in drilling | Left in well | Cement fill up Cu. Ft. |
| Bridgeport, WV 26330 | 11 3/4" | 25' | 25' | Sanded In |
| Agent: Bob Williamson | 8 5/8" | 1021' | 1021' | 333 |
| Inspector: Joe McCourt | 4 1/2" | 5147' | 5147' | 845 |
| Date Permit Issued: 04/28/2009 | | | | |
| Date Well Work Commenced: 09/09/2009 | | | | |
| Date Well Work Completed: 09/22/2009 | | | | |
| Verbal Plugging: | | | | |
| Date Permission granted on: | | | reason mesica | |
| Rotary Cable Rig V | | | CEIVED | |
| Total Vertical Depth (ft): 5212' | | Unice | of Oil & G | as |
| Total Measured Depth (ft): 5212' | | EE. | B 1 4 2013 | |
| Fresh Water Depth (ft.): 292' | | | 2 - 20:0 | |
| Salt Water Depth (ft.): N/A | | WV De | partment | of |
| Is coal being mined in area (N/Y)? N | | Environm | ental Prote | ection |
| Coal Depths (ft.): 60'-62' | | | | |
| Void(s) encountered (N/Y) Depth(s) N | | | | |
| OPEN FLOW DATA (If more than two producing formatic Producing formation Speechley, Fifth Sand (commingled) Pay a Gas: Initial open flow 237 MCF/d Oil: Initial open flow Final open flow 335 MCF/d Final open flow Time of open flow between initial and final tests Static rock Pressure NT psig (surface pressure) af | zone depth (ft)_ lowB wBb 6Hours | 2745', 2305 bl/d l/d | ta on separate sl | neet) |
| Second producing formation Pay zo Gas: Initial open flow MCF/d Oil: Initial open flow Final open flow MCF/d Final open flow Time of open flow between initial and final tests Static rock Pressure psig (surface pressure) at | lowB vBl: Hours | bl/d ol/d | | |
| I certify under penalty of law that I have personally examined all the attachments and that, based on my inquiry of those indithat the information is true, accurate, and complete. | and am familia viduals immedi | ately responsibl | e for obtaining t | on this document and he information I believe |
| Signature | <u> </u> | 02/0 | 7/2013 Date | |
| Signature | | | | 02/15/201 |

| Were core samples taken? YesNo^ | We: | re cuttings caught during | drilling? Yes | No_XX |
|--|---|---------------------------------------|--------------------------------|--------------------|
| Were Electrical, Mechanical or Geophysical lo | gs recorded on this well? | If yes, please list Hotwe | ell GR/CCL from | 2904'-2088'. |
| NOTE: IN THE AREA BELOW PUT FRACTURING OR STIMULATING, PHY DETAILED GEOLOGICAL RECORD O COAL ENCOUNTERED BY THE WELLI | YSICAL CHANGE, ETC OF THE TOPS AND I | C. 2). THE WELL LOC BOTTOMS OF ALL | G WHICH IS A S' FORMATIONS, | YSTEMATIC |
| Perforated Intervals, Fracturing, or Stimulating | | | | |
| 09/09/2009: MIRU BJ & Hotwell & set comp | | | | |
| 2741-2749 & pump 85 bbls of 15 Q N2 assis | | | | |
| 1 ppg sand & pumped 36 bbls of slurry (18 | | | | |
| 38 bbls gel water. RDMO. 9/22/2009: MIRU H | | | | |
| from 2301-2310. Frac 5th Sand (stage 2) with | າ 20 quality N2 assist De | elta X-Link, 29,847 lbs o | f 20/40 brown san | d and 59,602 |
| scf N2 (ATP 2662 psig, MTP 4515 psig) (Avg Rates | | hed with 29 bbls and 11 scf | N2. Did not get San | d totally flushed. |
| Plug Back Details Including Plug Type and De | :pth(s): | | | |
| | | | | |
| | | | | |
| Formations Encountered: | Top Depth | | Bottom | <u>Depth</u> |
| Surface: | | | | |
| | | | | |
| See original submitted Well Log for the | is well API# 47-091- | 00897. | | |
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