

Received
Office of Oil & Gas

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RC

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

API 47-39-02736W County Kanawha District Union
Quad Pocatalico Pad Name _____ Field/Pool Name C.E. Bailey
Farm name Jones, Ralph D. Well Number #2
Operator (as registered with the OOG) Reserve Oil and Gas, Inc.
Address 929 Charleston Road City Spencer State WV Zip 25276

As Drilled location NAD 83/UTM Attach an as-drilled plat, profile view, and deviation survey
Top hole Northing 519,055 NADB3 / 4253021 UTM NADB3 Easting 1,763,973 NADB3 / 0437680 UTM NADB3
Landing Point of Curve Northing _____ Easting _____
Bottom Hole Northing _____ Easting _____

Elevation (ft) 868 GL Type of Well New Existing Type of Report Interim Final
Permit Type Deviated Horizontal Horizontal 6A Vertical Depth Type Deep Shallow
Type of Operation Convert Deepen Drill Plug Back Redrilling Rework Stimulate
Well Type Brine Disposal CBM Gas Oil Secondary Recovery Solution Mining Storage Other _____
Type of Completion Single Multiple Fluids Produced Brine Gas NGL Oil Other _____
Drilled with Cable Rotary
Drilling Media Surface hole Air Mud Fresh Water Intermediate hole Air Mud Fresh Water Brine
Production hole Air Mud Fresh Water Brine
Mud Type(s) and Additive(s)
N/A

Date permit issued 02/25/2014 Date drilling commenced 7/24/2014 Date drilling ceased 7/31/2014
Date completion activities began 5/7/1976 8/20/2014 Date completion activities ceased 5/7/1976 8/20/2014
Verbal plugging (Y/N) No Date permission granted N/A Granted by N/A

Please note: Operator is required to submit a plugging application within 5 days of verbal permission to plug

Freshwater depth(s) ft 95 FT Open mine(s) (Y/N) depths No
Salt water depth(s) ft 1447 FT Void(s) encountered (Y/N) depths No
Coal depth(s) ft 210 FT (8") Cavern(s) encountered (Y/N) depths No
Is coal being mined in area (Y/N) No

Reviewed by:
R.F.

10/31/2014

API 47-39 - 02736 Farm name Jones, Ralph D. Well number C.E. Bailey #2

| CASING STRINGS | Hole Size | Casing Size | Depth | New or Used | Grade w/ft | Basket Depth(s) | Did cement circulate (Y/N) * Provide details below* |
|---------------------------|-----------|-------------|---------|-------------|------------|-----------------|--|
| Conductor | | | | | | | |
| Surface | | 9 5/8" | 229 FT | Existing | H-40 / 32# | N/A | CTS (Existing) |
| Coal | | | | | | | |
| Intermediate 1 | | 7" | 2415 FT | Existing | K-55 / 20# | N/A | 150 sks (Existing) |
| Intermediate 2 | | | | | | | |
| Intermediate 3 | | | | | | | |
| Production | | 4 1/2" | 4206 FT | New | 11.6# | | 150 sks |
| Tubing | | 2 3/8" | 4218 FT | Existing | J-55 4.6# | N/A | Removed |
| Packer type and depth set | | | | | | | |

Comment Details clean out existing hole to original TD, and set 4 1/2" production casing, and removed 2 3/8" tubing from well

| CEMENT DATA | Class/Type of Cement | Number of Sacks | Slurry wt (ppg) | Yield (ft ³ /sks) | Volume (ft ³) | Cement Top (MD) | WOC (hrs) |
|----------------|----------------------|-----------------|-----------------|------------------------------|---------------------------|-----------------|-----------|
| Conductor | | | | | | | |
| Surface | N/A | 100 | N/A | N/A | N/A | N/A | N/A |
| Coal | | | | | | | |
| Intermediate 1 | N/A | 200 | N/A | N/A | N/A | N/A | N/A |
| Intermediate 2 | | | | | | | |
| Intermediate 3 | | | | | | | |
| Production | Stronglite 250 | 150 | 12.3 | 2.41 | 361.5 | 0 | 24 hrs |
| Tubing | | | | | | | |

Drillers TD (ft) 4223 FT Loggers TD (ft) 3806 FT

Deepest formation penetrated white shale Plug back to (ft)

Plug back procedure

Kick off depth (ft)

Check all wireline logs run caliper density deviated/directional induction
 neutron resistivity gamma ray temperature sonic

Well cored Yes No Conventional Sidewall Were cuttings collected Yes No

DESCRIBE THE CENTRALIZER PLACEMENT USED FOR EACH CASING STRING

9 5/8" N/A
7" N/A
4 1/2" N/A

WAS WELL COMPLETED AS SHOT HOLE Yes No DETAILS

WAS WELL COMPLETED OPEN HOLE? Yes No DETAILS

WERE TRACERS USED Yes No TYPE OF TRACER(S) USED

