

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS

AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVIT SHOULD BE IN TRIPLICATE, one copy mailed to the Department, one copy to be retained by the Well Operator and the third copy (and extra copies if required) should be mailed to each coal operator at their respective addresses.

Farm name: Ellifritt, Edna L. Operator Well No. Ellifritt #1

LOCATION: Elevation: 1062' Quadrangle: Pennsboro
District: Central County: Doddridge
Latitude: *see WW-7 Feet South of _____ Deg. _____ Min. _____ Sec
Longitude: *see WW-7 Feet West of _____ Deg. _____ Min. _____ Sec

Well Type. OIL _____ GAS X

Company: Amco Resources Corporation (Contractor to Jack D. McCune) Coal Operator NO DECLARATIONS ON RECORD WITH COUNTY
1615 Wynkoop Street or Owner _____
Denver, CO 80202 _____
Agent Dianna Stamper - CT Corporation System Coal Operator _____
Permit Issued Date 7/01/2015 or Owner _____

AFFIDAVIT

STATE OF WEST VIRGINIA
County of Doddridge ss

Ben Lofthouse and Landon West being first duly sworn according to law depose and say that they are experienced in the work of plugging and filling oil and gas wells and were employed by the above named well operator, and participated in the work of plugging and filling the above well say that said work was commenced on the 14 day of August, 2015, and the well was plugged and filled in the following manner:

| TYPE | FROM | TO | PIPE REMOVED | LEFT |
|------------------------|------|----|--------------|------|
| *Please see attachment | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

Description of monument Well Marker Plate with API#. Offset Marker will be installed once well is to grade and that the work of plugging and filling said well was completed on the 14 day of August, 2015.

And further deponents saith not Landon West
Ben Lofthouse

Sworn and subscribe before me this 31st day of August, 2015

My commission expires 7/21/21

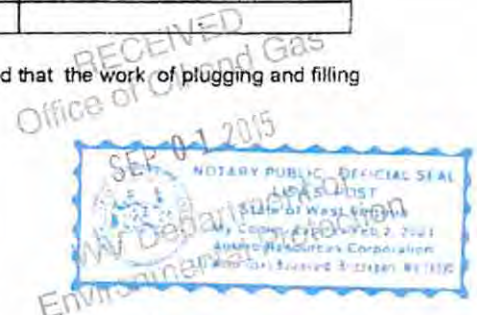
Notary Public

Affidavit reviewed by the Office of Oil and Gas:

[Signature]

Title:

Manager



Sandstrom Well
Doddridge County, WV
API #47-017-02859



Antero Resources
1615 Wynkoop St.
Denver, CO 80202
Office: 303.357.7310
Fax: 303.357.7315

Objective: Plug and Abandon Wellbore.

Pipe Schedule:

1. 8-5/8" set @ 254'. Cemented to surface
2. 4-1/2" set @ 2,450' with estimated TOC @ 150' (actual TOC 1,743ft)

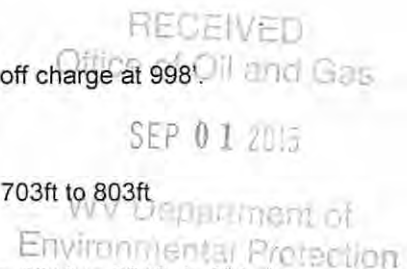
Elevation: 1062'

Oil and Gas Zones:

1. Big Injun (gas): 2010'

Procedure:

1. Coordinate and schedule casing jacks.
2. Notify WVDEP prior to commencing work, for plug witnessing (Doddridge County Inspector)
3. Move in and rig up flat tank and frac tank (No pits will be utilized).
4. Move in rig up service unit.
5. Nipple up BOPE and test – check and report surface pressure including braden head pressure.
6. Kill well.
7. Rig up wireline and lubricator.
8. Blow down well SCP to 120 psi.
9. Make gauge ring run to CIBP Setting depth = 2,052ft(20ft above uppermost perf per well records). Pull out of hole.
10. Lubricate in a cast iron bridge plug and set at 2,046ft. Pull out with wireline.
11. Pressure test CIBP to 500 psi.
12. Pick up tubing, run in hole.
13. Tag and verify bridge plug setting depth.
14. Pull one foot above bridge plug.
15. Pump 100' plug from CIBP to 200ft above CIBP. Cement = 22 sacks Class A with 2% CaCl₂; yield = 1.18 ft³/sk; water = 5.2 gals/sk; (Volume includes 20% excess).
16. Slowly pull out of cement plug. Pull tubing 200ft and reverse circulate tubing clean.
17. Wait on cement 8hrs.
18. Load hole w/ gel (Must be freshwater with a minimum of 6% bentonite) - approximately 169 ft³ or 30 bbls.
19. Run in tubing and verify top of cement plug at 1,743ft.
20. Run CBL from 1,743ft to surface
21. Locate Top of Cement around 4.5" casing
22. If Top of Cement is deeper than 254ft,
 - a. Trip in with wireline and run free point above top of cement.
 - a. Top of cement was found at 1,415', with some scattered to 1,100ft
 - b. Casing cutter was set off at 998 ft
 - c. Casing not free
 - d. Run in hole with 2 3/8" tubing to 1,018' and pump elevation plug
 - e. Pump 12 sacks Class A cement
 - f. Tag cement at 1028'
 - g. Rig up to spon another 100' of cement
 - h. Pump 12 sks Class A cement
 - i. Run in hole with casing cutter on wiring and set off charge at 998'
 - j. 4-1/2" casing removed
23. Run in hole with 2 3/8" tubing to 750' to pack off well
 - a. Pump two 100ft cement plugs
 1. Pump 20sks class A with 2% CaCl₂ from 703ft to 803ft
 - a. Pull out of hole
 2. Run in hole to 300'.
 - a. 35sks class A with 2% CaCl₂ from 304ft to 204ft, in 8" hole
 - b. Tagged plug at 259ft
 - b. Cemented to surface with 80sks class A with 2% CaCl₂, then circulated out cement to 25' below the surface
24. During construction of new pad, cut off casing at 22' below ground level.
25. Weld marker plate with API number (API No: 47-0174-02859).



09/04/2015

WW-7
8-30-06



West Virginia Department of Environmental Protection
Office of Oil and Gas
WELL LOCATION FORM: GPS

API: 47-017-02859 WELL NO.: Ellifritt #1
FARM NAME: Antero Resources Corporation
RESPONSIBLE PARTY NAME: Jack D. McCune
COUNTY: Doddridge DISTRICT: Central
QUADRANGLE: Pennsboro
SURFACE OWNER: Antero Resources Corporation
ROYALTY OWNER: James R. Sandstrom
UTM GPS NORTHING: 4346720.157
UTM GPS EASTING: 509285.560 GPS ELEVATION: 1062'

The Responsible Party named above has chosen to submit GPS coordinates in lieu of preparing a new well location plat for a plugging permit or assigned API number on the above well. The Office of Oil and Gas will not accept GPS coordinates that do not meet the following requirements:

1. Datum: NAD 1983, Zone: 17 North, Coordinate Units: meters, Altitude: height above mean sea level (MSL) – meters.
2. Accuracy to Datum – 3.05 meters
3. Data Collection Method:
Survey grade GPS x : Post Processed Differential X

Real-Time Differential _____

Mapping Grade GPS _____ : Post Processed Differential _____

Real-Time Differential _____

4. Letter size copy of the topography map showing the well location.

I the undersigned, hereby certify this data is correct to the best of my knowledge and belief and shows all the information required by law and the regulations issued and prescribed by the Office of Oil and Gas.

Jack D. McCune
Signature

Title

6/16/2015
Date

RECEIVED
Office of Oil and Gas

SEP 01 2015

West Virginia Department of
Environmental Protection

09/04/2015

