August 05, 2014

WELL WORK PLUGGING PERMIT

Plugging

This permit, API Well Number: 47-1701460, issued to ALLIED ENERGY, INC., is evidence of permission granted to perform the specified well work at the location described on the attached pages and located on the attached plat, subject to the provisions of Chapter 22 of the West Virginia Code of 1931, as amended, and all rules and regulations promulgated thereunder, and to all conditions and provisions outlined in the pages attached hereto. Notification shall be given by the operator to the Oil and Gas Inspector at least 24 hours prior to the construction of roads, locations, and/or pits for any permitted work. In addition, the well operator shall notify the same inspector 24 hours before any actual well work is commenced and prior to running and cementing casing. Spills or emergency discharges must be promptly reported by the operator to 1-800-642-3074 and to the Oil and Gas inspector.

Upon completion of the plugging well work, the above named operator will reclaim the site according to the provisions of WV Code 22-6-30. The above named operator will also file, as required in WV Code 22-6-23, an affidavit on form WR-38 by two experienced persons in the operator's employment and the Oil and Gas inspector that the work authorized under this permit was performed and a description given. Failure to abide by all statutory and regulatory provisions governing all duties and operations here under may result in suspensions or revocation of this permit and in addition may result in civil and/or criminal penalties being imposed upon the operator.

This permit will expire in two (2) years from date of issue. If there are any questions, please free to contact me at (304) 926-0499 ext. 1654.

James Martin
Chief

Operator's Well No: 1
Farm Name: DOAK, W. E.
API Well Number: 47-1701460
Permit Type: Plugging
Date Issued: 08/05/2014

Promoting a healthy environment.
PERMIT CONDITIONS

West Virginia Code § 22-6-11 allows the Office of Oil and Gas to place specific conditions upon this permit. Permit conditions have the same effect as law. Failure to adhere to the specified permit conditions may result in enforcement action.

CONDITIONS

1. All pits must be lined with a minimum of 20 mil thickness synthetic liner.

2. In the event of an accident or explosion causing loss of life or serious personal injury in or about the well or while working on the well, the well operator or its contractor shall give notice, stating the particulars of the accident or explosion, to the oil and gas inspector and the Chief within twenty-four (24) hours.

3. Well work activities shall not constitute a hazard to the safety of persons.
STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS

APPLICATION FOR A PERMIT TO PLUG AND ABANDON

4) Well Type: Oil X / Gas X / Liquid injection ___ / Waste disposal ___ / (If "Gas, Production ___ or Underground storage ___) Deep ___ / Shallow ___

5) Location: Elevation 961.2' Watershed Dotson Run
   District Central
   County Doddridge Quadrangle West Union

   Address P.O. Box 3005
   Saratoga, CA 95070

7) Designated Agent Tom Fluharty
   Address 408 Lee Ave.
   Clarksburg, WV 26301

8) Oil and Gas Inspector to be notified
   Name Douglas Newlon
   Address 4060 Dutchman Road
   Macfarlan, WV 26148

9) Plugging Contractor
   Name Top Drilling Corp.
   Address HC 68 Box 14
   Smithville, WV 26178

10) Work Order: The work order for the manner of plugging this well is as follows:

    See attached document

Notification must be given to the district oil and gas inspector 24 hours before permitted work can commence.

Work order approved by inspector

Date

OFFICE OF OIL AND GAS
RECEIVED
JUL 08 2014
WV Department of Environmental Protection
08/08/2014
W. E. Doak #1 Well
API: 47–017–01460

Plan description to plug the W. E. Doak #1 well, located in Central District, Doddridge County, West Virginia.

5½ inch pipe from surface to Total Depth.

All plugs will be tagged.

Well is 2000 feet to Total Depth. At TD, a 100-foot thick plug will be poured.

Records indicate there is a collar at the 1760- to 1770-foot depth, at this junction, free-point the pipe and pull to surface. A 100-foot thick plug will be poured that brackets the area of the collar, 50-feet on each side.

Elevation records show that sea level is measured at 961 feet. A 100-foot thick plug will be poured that brackets the area, 50-feet on each side.

At the surface, a plug will be poured to the depth of 200-feet. This will insure the safety of the water well located on the subject real property.

Refer to attached plugging procedure.
PLUGGING PROCEDURE

The well appears to have 1839’ of 6 5/8” casing left in it, with no cement and an original TD of 2029’. Elevation is 961’. Salt water at 1405’. Oil from 1757’ – 1765’. Gas 1777’. Oil & Gas 1928’ – 1941’.

- Run in hole with work string and check TD at 2029’. Gel hole. Set bottom hole plug with Class A cement from 1941’ – 1841’. Free point 6 5/8” casing. Cut and pull casing from free point. Set a minimum 100’ Class A cement plug across casing cut.
- Minimum 100’ Class A Cement plug from 1777’ to 1677’.
- Gel hole from 1677’ to 1405’.
- Minimum 100’ Class A Cement plug from 1405’ to 1305’, above salt water show.
- Gel hole from 1305’ to 961’.
- Minimum 100’ Class A Cement plug from 961’ to 861’ for the elevation plug.
- Gel hole from 861’ to 300’.
- Set 300’ Class A cement plug from 300’ to surface.
- Place monument per WV DEP requirements.

Cement Plug is defined as a minimum 100’ of Class A Cement with no more than 3% calcium chloride and no other additives.

Gel is defined as fresh water with a minimum of 6% Bentonite ( by weight ) and no other additives.

ENTIRE WELLBORE MUST BE FILLED WITH EITHER GEL OR CLASS A CEMENT.

Tag All Plugs.

OK Jmm
STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

WELL RECORD

Company: W. Leslie Rogers
Address: Pennsakne, N. J.

Farm: W. E. Deck

Location (waters): Detson Run
Well No.: 1
Elev.: 961.2'

District: Central
County: Doddridge

The surface of the tract is owned in fee by:
Address: Vienna, Ohio

Mineral rights are owned by:
Address:

Drilling commenced: 6/1/67
Drilling completed: 6/22/67

Date Shot: From: To:

Open Flow: /10ths Water in: /10ths Merc. In:
Volume: 50,000
Rock Pressure: 320 lbs. 24 hrs.

Oil: 10 bbls., 1st 24 hrs.

WELL ACIDIZED: No
WELL FRACTURED: No

RESULT AFTER TREATMENT.

ROCK PRESSURE AFTER TREATMENT.

Fresh Water.

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(over)

Rotary □
Spudder □
Cable Tools □
Storage □
Oil or Gas Well Beth (KIND)

Casing and Tubing Used in Drilling Left in Well Packers

Size
Kind of Packer
Size of
Linens Used

Depth Set
Perf. Top
Perf. Bottom
Perf. Top
Perf. Bottom

CASING CEMENTED: None
Size: No. Ft.
Date

COAL WAS ENCOUNTERED AT None

FEET INCHES
FEET INCHES
FEET INCHES

08/08/2014
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Oil & Gas 1920¹ - 1944

08/08/2014
New Location ☐
Drill Deeper ☐
Abandonment ☐
Fracture ☐
Redrill ☐

SOURCE OF ELEVATION: R. R. TRACKS & GREENWOOD (900')

I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all the information required by paragraph 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia.

W. LESLIE ROGERS

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION
CHARLESTON

WELL LOCATION MAP
FILE NO. DOD - 1460

+ Denotes location of well on United States Topographic Maps, scale 1 to 62,500, latitude and longitude lines being represented by border lines as shown.
- Denotes one inch spaces on border line of original tracings.
STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
NOTICE OF APPLICATION TO PLUG AND ABANDON A WELL

4) Surface Owner(s) to be served:
   (a) Name: Ricky Wayne Doak
      Address: 767 Long Run Rd
                Pennsboro, WV 26415
   (b) Name: 
      Address: 
   (c) Name: 
      Address: 

5) Coal Operator
   (a) Name: 
      Address: 
   (b) Coal Owner(s) with Declaration
      Name: 
      Address: 
   (c) Coal Lessee with Declaration
      Name: 
      Address: 

6) Inspector
   Douglas Newton
   4060 Dutchman Road
   Moundsville, WV 26041
   Telephone: 304-532-6049

TO THE PERSONS NAMED ABOVE: You should have received this Form and the following documents:

1) The application to Plug and Abandon a Well on Form WW-IB, which sets out the parties involved in the work and describes the well its and the plugging work order; and
2) The plat (surveyor's map) showing the well location on Form WW-6.

The reason you received these documents is that you have rights regarding the application which are summarized in the instructions on the reverse side. However, you are not required to take any action at all.

Take notice that under Chapter 22-6 of the West Virginia Code, the undersigned well operator proposes to file or has filed this Notice and Application and accompanying documents for a permit to plug and abandon a well with the Chief of the Office of Oil and Gas, West Virginia Department of Environmental Protection, with respect to the well at the location described on the attached Application and depicted on the attached Form WW-6. Copies of this Notice, the Application, and the plat have been mailed by registered or certified mail or delivered by hand to the person(s) named above (or by publication in certain circumstances) or before the day of mailing or delivery to the Chief.

Subscribed and sworn before me this 30 day of June, 2014

Notary Public

Oil and Gas Privacy Notice

The Office of Oil and Gas processes your personal information, such as name, address and phone number, as a part of our regulatory duties. Your personal information may be disclosed to other State agencies or third parties in the normal course of business or as needed to comply with statutory or regulatory requirements, including provisions of Information Act requests. Our office will appropriately secure your personal information. If you have any questions about our use of your personal information, please contact DEP's Chief Privacy Officer at depprivacyofficer@wv.gov.
STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS

CONSTRUCTION AND RECLAMATION PLAN AND SITE REGISTRATION APPLICATION FORM
GENERAL PERMIT FOR OIL AND GAS PIT WASTE DISCHARGE

Operator Name: Allied Energy Inc. 
OP Code: 309558

Watershed: Dotson Run 
Quadrangle: West Union

Elevation: 961' 
County: Doddridge 
District: Central

Description of anticipated Pit Waste: brine water

Will a synthetic liner be used in the pit? [ ] Brine Water 
[ ] No Pit 
[ ] Other (Explain): ANY EFFLUENT MUST BE CONTAINED AND DISPOSED OF PROPERLY.

Proposed Disposal Method For Treated Pit Wastes:
[ ] Land Application 
[ ] Underground Injection (UIC Permit Number) 
[ ] Reuse (at API Number) 
[ ] Off Site Disposal (Supply form WW-9 for disposal location)
[ ] Other (Explain)

Proposed Work For Which Pit Will Be Used:
[ ] Drilling 
[ ] Workover 
[ ] Swabbing 
[ ] Plugging 
[ ] Other (Explain)

I certify that I understand and agree to the terms and conditions of the GENERAL WATER POLLUTION PERMIT issued on August 1, 2005, by the Office of Oil and Gas of the West Virginia Department of Environmental Protection. I understand that the provisions of the permit are enforceable by law. Violations of any term or condition of the general permit and/or other applicable law or regulation can lead to enforcement action.

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments thereto 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. I am aware that there are significant penalties for submitting false information, including the possibility of fine or imprisonment.

Company Official Signature: David W. Wiggers
Company Official (Typed Name): David W. Wiggers
Company Official Title: agent

Subscribed and sworn before me this 30 day of June, 2017.

[Signature] Elysa Wright
[Notary Public, State of West Virginia]

My commission expires 8-28-23

08/08/2014
Proposed Revegetation Treatment: Acres Disturbed less than 1 acre  Prevegetation pH 6.0

Lime 2 Tons/acre or to correct to pH 6.5

Fertilizer (10-20-20 or equivalent) 600 lbs/acre (500 lbs minimum)

Mulch 90 Bales/acre Tons/acre

Seed Mixtures

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Attach:
Drawing(s) of road, location, pit and proposed area for land application.

Photocopied section of involved 7.5' topographic sheet.

Plan Approved by: 

Comments:

Title: Oil and Gas Inspector Date: 6-27-14

Field Reviewed? ( ) Yes ( ) No

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

API: 47-017-01460  
WELL NO.: W.E. Doak #1

FARM NAME: W.E. Doak

RESPONSIBLE PARTY NAME: Allied Energy, Inc.

COUNTY: Doddridge  
DISTRICT: Central

QUADRANGLE: West Union

SURFACE OWNER: Ricky Wayne Doak

ROYALTY OWNER:

UTM GPS NORTHING: 4,347,665  
UTM GPS EASTING: 510,190  
GPS ELEVATION: 961.2

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:

2. Accuracy to Datum – 3.05 meters
3. Data Collection Method:
   - Survey grade GPS: Post Processed 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.

Signature  
Title  
Date  

7/24/14

08/08/2014
Ricky Wayne Doak  
757 Long Run Road  
Pennsboro, WV 26415

July 3, 2014

Mr. Ricky W. Doak

Enclosed is a copy of the permit application forms describing Allied Energy’s plan for plugging the W.E. Doak #1 well located on the property of which you are the landowner of record. Please review the forms, then, if satisfied, sign and date the Waiver forms where indicated and return the signed forms in the enclosed, stamped, self-addressed envelope.

As agreed, plugging work will commence upon issuance of the permit by the Department of Oil & Gas and will be completed before the end of August 2014.

Thank you,

David W. Wiggers

David W. Wiggers/bookkeeper  
Allied Energy Inc.  
35 Ridgewood Blvd.  
Belpre, OH 45714  
Phone: 740-423-8820