



 west virginia department of environmental protection

Office of Oil and Gas
 601 57th Street, S.E.
 Charleston, WV 25304
 (304) 926-0450
 fax: (304) 926-0452

Austin Caperton, Cabinet Secretary
www.dep.wv.gov

Wednesday, May 1, 2019
 WELL WORK PLUGGING PERMIT
 Vertical Plugging

ALLIANCE PETROLEUM CORPORATION
 101 MCQUISTON DR.

JACKSON CENTER, PA 16133

Re: Permit approval for 2A WACO-660
 47-021-04986-00-00

This well work permit 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 any additional specific 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. Please be advised that form WR-38, Affidavit of Plugging and Filling Well, is to be submitted to this office within 90 days of completion of permitted well work, as should form WR-34 Discharge Monitoring Report within 30 days of discharge of pits, if applicable. Failure to abide by all statutory and regulatory provisions governing all duties and operations hereunder may result in suspension or revocation of this permit and, in addition, may result in civil and/or criminal penalties being imposed upon the operators.

Per 35 CSR 4-5.2.g this permit will expire in two (2) years from the issue date unless permitted well work is commenced. If there are any questions, please feel free to contact me at (304) 926- 0450.

James A. Martin
 Chief

Operator's Well Number: 2A WACO-660
 Farm Name: DUELLEY, EDGAR, ETUX
 U.S. WELL NUMBER: 47-021-04986-00-00
 Vertical Plugging
 Date Issued: 5/1/2019

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.

1) Date _____, 20____
2) Operator's
Well No. DUELLEY #2A-W660
3) API Well No. 47-021 - 04986

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 / Gas / Liquid injection _____ / Waste disposal _____ /
(If "Gas, Production or Underground storage _____) Deep _____ / Shallow

5) Location: Elevation 810' Watershed Tanner Creek
District Dekalb County Gilmer Quadrangle Burnt House 7.5'

6) Well Operator Alliance Petroleum Corporation 7) Designated Agent David Dean
Address 4150 Belden Village Ave. NW Suite 410 Address 1997 Old Weston Road
Canton, Ohio 44718-2553 Buckhannon, WV 26201

8) Oil and Gas Inspector to be notified 9) Plugging Contractor
Name Danny Mullins Name _____
Address 220 Jack Acres Rd Address _____
Buckhannon WV 26201

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

See Attached:

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

Work order approved by inspector Danny Mullins Date 3-11-19

PLUGGING PROGNOSIS

155601

West Virginia, Gilmer County

API # 47-021-04986

Casing Schedule

8 5/8" csg @ 844'. Cemented to surface

4 1/2" csg @ 6094' cemented w/ 700 sxs. Estimated TOC at 2500' (700 sx, 1.18 yield, 7.875 hole)

Completion

4 stage completion

- 1st Stage: Devonian Shale, Elk 4984'- 6018'
- 2nd Stage: Elk, Alexander, Benson, Riley 4294'- 4847'
- 3rd Stage: Riley, Balltown 3670'- 4139'
- 4th Stage: Balltown, Speechly 2992'- 3590'

Fresh Water: 75'**Saltwater:** None Reported**Oil Show:** None Reported**Gas Show:** None Reported**Coal:** None Reported

1. Notify inspector, Danny Mullins @ 304-932-6844, 48 hrs. prior to commencing operations.
2. TIH w/ tbg to TD (6094')
 - a. Pump 1034' C1A cement plug 4984'- 6018'
3. TOOH w/ tbg to 4984'
 - a. Pump 6% bentonite gel 4900'- 4984'
4. Kill well as needed w/ 6% bentonite gel
5. Set CIBP @ 4925' and then 4900'
6. TIH w/ tbg to 4900'
 - a. Pump 100' C1A Cement plug 4800'- 4900'
7. TOOH w/ tbg to 4800'
 - a. Pump 6% bentonite gel 4294'- 4800'
8. TOOH w/ tbg to 4294'
 - a. Pump 100' C1A Cement plug 4194'- 4294'
9. TOOH w/ tbg to 4194'
 - a. Pump 6% bentonite gel 3670'- 4194'
10. TOOH w/ tbg to 3670'
 - a. Pump 100' C1A Cement plug 3570'- 3670'
11. TOOH w/ tbg to 3570'
 - a. Pump 6% bentonite gel 2992'- 3570'
12. TOOH w/ tbg to 2992'
 - a. Pump 100' C1A Cement plug 2882'- 2992'
13. TOOH w/ tbg to 2882'
 - a. Pump 6% bentonite gel 2550'- 2882'
14. TOOH w/ tbg. Free point 4 1/2" csg or calculate stretch. Cut 4 1/2" csg at free point and TOOH w/ csg. Set 100' C1A cement plug 50' below/50' above any unsuccessful attempts.
15. TIH w/ tbg to 2550'
 - a. Pump 100' C1A Cement plug 2450'- 2550'
 - b. Depth will change based on free pointing csg
16. TOOH w/ tbg to 2450'
 - a. Pump 6% bentonite gel 944'- 2450'
17. TOOH w/ tbg to 944'

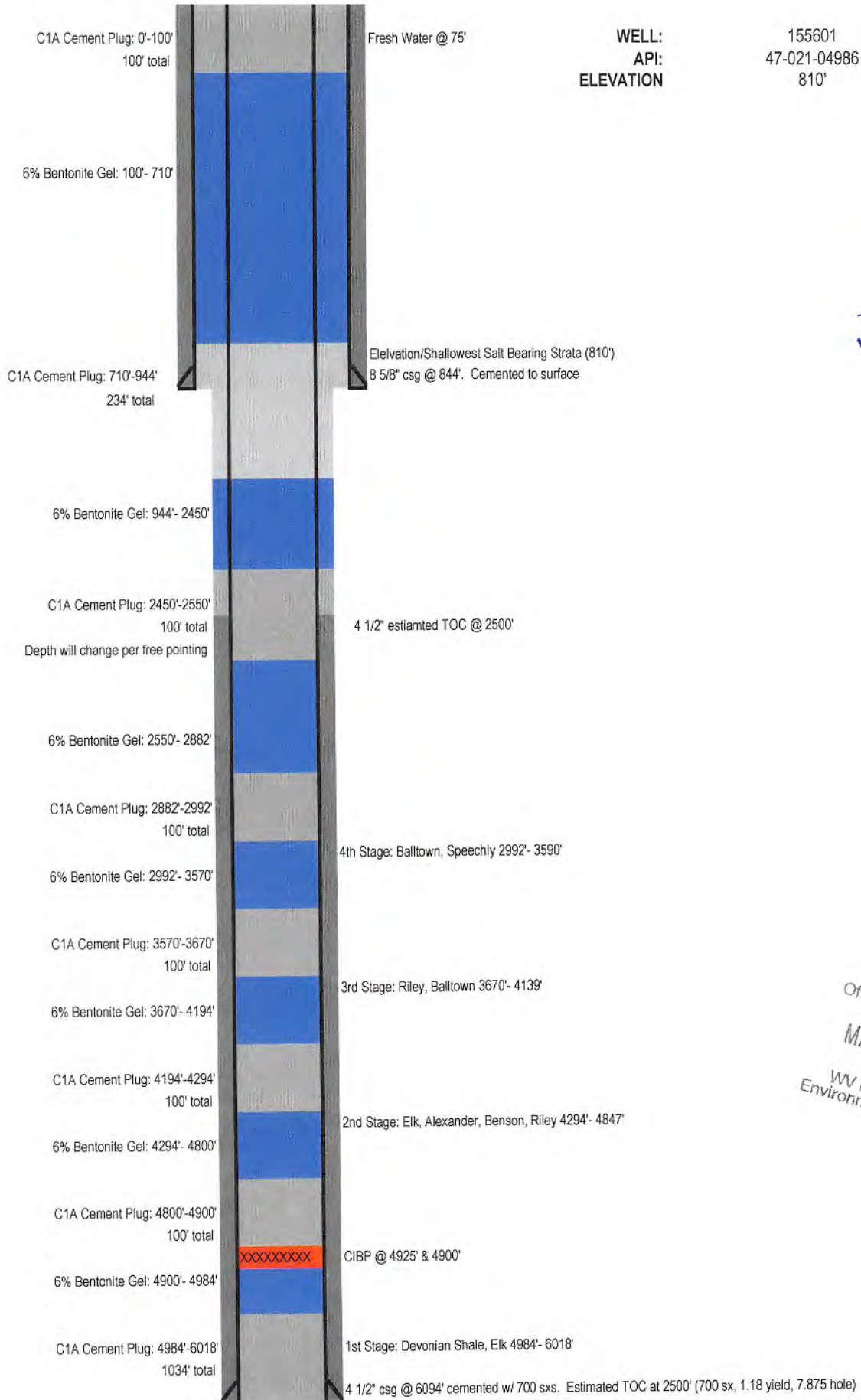
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- a. Pump 234' C1A Cement plug 710'- 944'
- 18. TOOH w/ tbg to 710'
 - a. Pump 6% bentonite gel 100' - 710'
- 19. TOOH w/ tbg to 100'
 - a. Pump 100' C1A Cement plug 0' - 100'
- 20. Erect monument per WV DEP standards.
- 21. Reclaim location and road to WV-DEP specifications.

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CASING DETAIL



JM

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State of West Virginia
DEPARTMENT OF ENERGY
Division of Oil and Gas

Reviewed TMG
Recorded _____

Well Operator's Report of Well Work

Farm name: DUELLEY, EDGAR ETUX Operator Well No.: 2A WACO-660

LOCATION: Elevation: 810.00 Quadrangle: BURNT HOUSE

District: DEKALB County: GILMER
Latitude: 11100 Feet South of 39 Deg. 2 Min. 30. Sec.
Longitude 2180 Feet West of 80 Deg. 55 Min. 0 Sec.

Company: WACO OIL & GAS CO., INC.
1297 N. LEWIS ST.
GLENVILLE, WV 26351-0000

Agent: STEPHEN E. HOLLOWAY

Inspector: CRAIG DUCKWORTH
Permit Issued: 08/30/91
Well work Commenced: 10/01/91
Well work Completed: 10/05/91
Verbal Plugging
Permission granted on: _____
Rotary X Cable _____ Rig
Total Depth (feet) 6166'
Fresh water depths (ft) 75'

Salt water depths (ft) _____
NONE
Is coal being mined in area (Y/N)? X
Coal Depths (ft): None

| Casing & Tubing Size | Used in Drilling | Left in Well | Cemen Fill Cu. F |
|----------------------|------------------|--------------|------------------|
| 8-5/8" | 844 | 844 | C. T. S. |
| 4-1/2" | | 6,094 | 700 Sk. |
| | | | |
| | | | |
| | | | |

OPEN FLOW DATA

Producing formation Shale, Elk, Alexander, Benson Pay zone depth (ft) See Treatment
Gas: Initial open flow N/A MCF/d Oil: Initial open flow N/A Bb
Final open flow 1517 MCF/d Final open flow Show Bb
Time of open flow between initial and final tests 4 Hc
Static rock Pressure 1390 psig (surface pressure) after 48 Ho

Second producing formation Riley, Balltown, Speechly Pay zone depth (ft) See Treatment
Gas: Initial open flow N/A MCF/d Oil: Initial open flow N/A Bb
Final open flow 1517 MCF/d Final open flow Show Bb
Time of open flow between initial and final tests 4 Hc
Static rock Pressure 1390 psig (surface pressure) after 48 Hc

NOTE: ON BACK OF THIS FORM PUT THE FOLLOWING: 1). DETAILS OF PERFORATION INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

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FEB 11 91

Division of Energy and Gas Services

For: WACO OIL & GAS CO., INC.

By: Daniel R. Chapman, Geologist
Date: October 18, 1991

611-04915

DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.

- 1st stage: Devonian Shale, Elk (6018-4984) 1000 gal 15% HCL, 40 ton CO₂, 789 MCF N₂
 2nd stage: Elk, Alexander, Benson, Riley (4847-4294) 675 gal 15% HCL, 40 ton CO₂, 878 MCF N₂
 3rd stage: Riley, Balltown (4139-3670) 675 gal 15% HCL, 40 ton CO₂, 900 MCF N₂
 4th stage: Balltown, Speechly (3590-2992) 675 gal 15% HCL, 38 ton CO₂, 1005 MCF N₂

WELL LOG

| FORMATION COLOR HARD OR SOFT | TOP FEET | BOTTOM FEET | REMARKS |
|------------------------------|----------|-------------|---|
| | | | Including indication of all fresh and salt water, coal, oil and gas |
| Sand, Shale | 0 | 178 | 1/2" stream @ 75' |
| Sand, Shale, Red Rock | 178 | 647 | |
| Sand, Shale | 647 | 1645 | |
| Big Lime | 1645 | 1688 | |
| Big Injun | 1688 | 1786 | |
| Sand, Shale | 1786 | 2989 | |
| Speechly Section | 2989 | 3309 | |
| Shale | 3309 | 3372 | |
| Balltown Section | 3372 | 3948 | |
| Riley Section | 3948 | 4420 | |
| Shale | 4420 | 4470 | |
| Benson | 4470 | 4474 | |
| Shale | 4474 | 4676 | |
| Alexander | 4676 | 4758 | |
| Shale | 4758 | 4843 | |
| Elk Section | 4843 | 5188 | T. D. |
| Shale | 5188 | 6166 | |

(Attach separate sheets as necessary)

WW-4A
Revised 6-07

1) Date: _____
2) Operator's Well Number
DUELLEY #2A-W660
3) API Well No.: 47 - 021 - 04986

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
NOTICE OF APPLICATION TO PLUG AND ABANDON A WELL

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MAR 13 2019

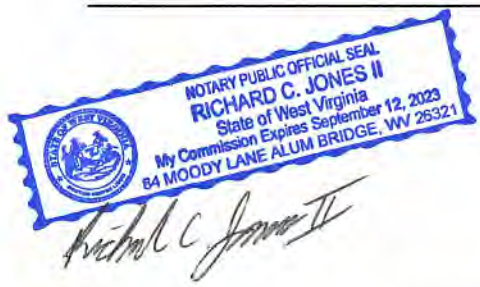
| | |
|---|---|
| 4) Surface Owner(s) to be served: | 5) (a) Coal Operator |
| (a) Name <u>DUELLEY EDGAR JR & AUDREY</u> | Name _____ |
| Address <u>1519 NEWBERNE RD,</u> | Address _____ |
| <u>COXS MILLS, WV 26342</u> | |
| (b) Name _____ | (b) Coal Owner(s) with Declaration |
| Address _____ | Name <u>Lynn B Cooper Junior & Patty J Cooper</u> |
| | Address <u>210 Castle Road,</u> |
| | <u>Anderson, SC 29621</u> |
| (c) Name _____ | Name _____ |
| Address _____ | Address _____ |
| 6) Inspector <u>Danny Mullins</u> | (c) Coal Lessee with Declaration |
| Address <u>220 Jack Acres Rd</u> | Name _____ |
| <u>Buckhannon, WV 26201</u> | Address _____ |
| Telephone <u>304-932-6844</u> | |

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-1B, 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 reverses 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) on or before the day of mailing or delivery to the Chief.



Well Operator Alliance Petroleum CO LLC
 By: David Dean
 Title: Vice President Production
 Address 1997 Old Weston Road
Buckhannon, WV 26201
 Telephone 304-471-2319

Subscribed and sworn before me this 12 day of Feb, 2019
Richard C. Jones II Notary Public
 My Commission Expires Sept 12, 2023

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 Freedom 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 depprivacyoffier@wv.gov.

47-021-04986P

05/03/2019

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| <input type="checkbox"/> Adult Signature Restricted Delivery | \$ |
| Postage | \$ |
| Total Postage and Fees | \$ |

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 Edgar Duellley + Aubrey Duellley
 Street and Apt. No., or PO Box No.
 1519 Newbark Rd
 City, State, ZIP+4®
 Cox Mills, WV 26342

Return to
 PS

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions



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 WV Department of
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| <input type="checkbox"/> Certified Mail Restricted Delivery | \$ |
| <input type="checkbox"/> Adult Signature Required | \$ |
| <input type="checkbox"/> Adult Signature Restricted Delivery | \$ |



| | |
|------------------------|----|
| Postage | \$ |
| Total Postage and Fees | \$ |

| | |
|------------------------------------|----------------------------------|
| Sent To | Lynn B. Cooper + Patty J. Cooper |
| Street and Apt. No., or PO Box No. | 210 Castle Rd. |
| City, State, ZIP+4® | Anderson, SC 29621 |
| Return to | 75 |

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions



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COPY

SURFACE OWNER WAIVER

Operator's Well
Number

DUELLEY #2A-W660

INSTRUCTIONS TO SURFACE OWNERS NAMED ON PAGE WW4-A

The well operator named on page WW-4A is applying for a permit from the State to plug and abandon a well. (Note: If the surface tract is owned by more than three persons, then these materials were served on you because your name appeared on the Sheriff's tax ticket on the land or because you actually occupy the surface tract. In either case, you may be the only owner who will actually receive these materials.) See Chapter 22 of the West Virginia Code. Well work permits are valid for 24 months. If you do not own any interest in the surface tract, please forward these materials to the true owner immediately if you know who it is. Also, please notify the well operator and the Office of Oil and Gas.

NOTE: YOU ARE NOT REQUIRED TO FILE ANY COMMENT.

WHERE TO FILE COMMENTS AND OBTAIN ADDITIONAL INFORMATION:

Chief, Office of Oil and Gas
Department of Environmental Protection
601 57th St. SE
Charleston, WV 25304
(304) 926-0450

Time Limits and methods for filing comments. The law requires these materials to be served on or before the date the operator files his Application. You have **FIVE (5) DAYS** after the filing date to file your comments. Comments must be filed in person or received in the mail by the Chief's office by the time stated above. You may call the Chief's office to be sure of the date. Check with your postmaster to ensure adequate delivery time or to arrange special expedited handling. If you have been contacted by the well operator and you have signed a "voluntary statement of no objection" to the planned work described in these materials, then the permit may be issued at any time.

Comments must be in writing. Your comments must include your name, address and telephone number, the well operator's name and well number and the approximate location of the proposed well site including district and county from the application. You may add other documents, such as sketches, maps or photographs to support your comments.

The Chief has the power to deny or condition a well work permit based on comments on the following grounds:

- 1) The proposed well work will constitute a hazard to the safety of persons.
- 2) The soil erosion and sediment control plan is not adequate or effective;
- 3) Damage would occur to publicly owned lands or resources;
- 4) The proposed well work fails to protect fresh water sources or supplies;
- 5) The applicant has committed a substantial violation of a previous permit or a substantial violation of or more of the rules promulgated under Chapter 22, and has failed to abate or seek review of the violation...".

If you want a copy of the permit as it is issued or a copy of the order denying the permit, you should request a copy from the Chief.

VOLUNTARY STATEMENT OF NO OBJECTION

I hereby state that I have read the instructions to surface owners and that I have received copies of a Notice and Application For A Permit To Plug And Abandon on Forms WW-4A and WW-4B, and a survey plat.

I further state that I have no objection to the planned work described in these materials, and I have no objection to a permit being issued on those materials.

FOR EXECUTION BY A NATURAL PERSON
ETC.

FOR EXECUTION BY A CORPORATION,

| | | | |
|-----------|------------|------------|------------|
| _____ | Date _____ | Name _____ | _____ |
| Signature | | By | _____ |
| | | Its | _____ |
| | | | Date _____ |
| | | Signature | Date _____ |

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WW-4B

05/03/2019

API No. 4702104986

Farm Name _____

Well No. DUELLEY #2A-W660

**INSTRUCTIONS TO COAL OPERATORS
OWNERS AND LESSEE**

The well operator named on the obverse side of WW-4 (B) is about to abandon the well described in the enclosed materials and will commence the work of plugging and abandoning said well on the date the inspector is notified. Which date shall not be less than five days after the day on which this notice and application so mailed is received, or in due course should be received by the Department of Environmental Protection Office of Oil & Gas.

This notice and application is given to you in order that your respective representatives may be present at the plugging and filling of said well. You are further notified that whether you are represented or not the operator will proceed to plug and fill said well in the manner required by Section 24, Article 6, Chapter 22 of the Code and given in detail on obverse side of this application.

NOTE: If you wish this well to be plugged according to 22-6-24(d) then as per Regulation 35CSR4-13.9 you must complete and return to this office on form OB-16 "Request by Coal Operator, Owner, or Lessee for plugging" prior to the issuance of this plugging permit.

WAIVER

The undersigned coal operator ____/ owner ____/ lessee ____/ of the coal under this well location has examined this proposed plugging work order. The undersigned has no objection to the work proposed to be done at this location, provided, the well operator has complied with all applicable requirements of the West Virginia Code and the governing regulations.

Date: _____

By: _____

Its _____

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WW-9
(5/16)

47-021-04986 P
05/03/2019

API Number 47 - 021 - 04986
Operator's Well No. DUELLEY #2A-WG60

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS
FLUIDS/ CUTTINGS DISPOSAL & RECLAMATION PLAN

Operator Name Alliance Petroleum CO LLC OP Code 494506333

Watershed (HUC 10) Tanner Creek Quadrangle Burnt House 7.5'

Do you anticipate using more than 5,000 bbls of water to complete the proposed well work? Yes No

Will a pit be used? Yes No

If so, please describe anticipated pit waste: 0

Will a synthetic liner be used in the pit? Yes No If so, what ml.? 20

Proposed Disposal Method For Treated Pit Wastes:

- Land Application (if selected provide a completed form WW-9-GPP)
- Underground Injection (UIC Permit Number 340092321, 340092323, 340092324)
- Reuse (at API Number _____)
- Off Site Disposal (Supply form WW-9 for disposal location)
- Other (Explain _____)

Will closed loop system be used? If so, describe: _____

Drilling medium anticipated for this well (vertical and horizontal)? Air, freshwater, oil based, etc. No drilling anticipated

-If oil based, what type? Synthetic, petroleum, etc. _____

Additives to be used in drilling medium? _____

Drill cuttings disposal method? Leave in pit, landfill, removed offsite, etc. N/A

-If left in pit and plan to solidify what medium will be used? (cement, lime, sawdust) _____

-Landfill or offsite name/permit number? _____

Permittee shall provide written notice to the Office of Oil and Gas of any load of drill cuttings or associated waste rejected at any West Virginia solid waste facility. The notice shall be provided within 24 hours of rejection and the permittee shall also disclose where it was properly disposed.

I certify that I understand and agree to the terms and conditions of the GENERAL WATER POLLUTION PERMIT issued on April 1, 2016, 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 Dean*

Company Official (Typed Name) _____

Company Official Title VP Production

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Environmental Protection

Subscribed and sworn before me this 12 day of Feb, 20 19

Richard C. Jones II Notary Public

My commission expires Sept 12, 2023

Richard C. Jones II



47-021-04986P

05/03/2019

Form WW-9

Operator's Well No. DUELLEY #2A-W660

Proposed Revegetation Treatment: Acres Disturbed 1.25 +/- Prevegetation pH TBD

Lime TBD Tons/acre or to correct to pH 6.5

Fertilizer type 10-10-20 or equivalent

Fertilizer amount 500 (MINIMUM) lbs/acre

Mulch HAY OR STRAW 2 TONS/ACRE Tons/acre

Seed Mixtures

| Temporary | | Permanent | |
|---------------------|----------|---------------|----------|
| Seed Type | lbs/acre | Seed Type | lbs/acre |
| Kentucky Blue Grass | 12 | Orchard Grass | 15 |
| Alsike Clover | 10 | Alsike Clover | 5 |
| Annual Rye | 10 | | |

Attach:

Maps(s) of road, location, pit and proposed area for land application (unless engineered plans including this info have been provided). If water from the pit will be land applied, provide water volume, include dimensions (L, W, D) of the pit, and dimensions (L, W), and area in acres, of the land application area.

Photocopied section of involved 7.5' topographic sheet.

Plan Approved by: Danny Mulhiss

Comments: _____

Title: OOG Inspector Date: 3-11-19

Field Reviewed? () Yes () No

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

Operator Name: Alliance Petroleum CO LLC
Watershed (HUC 10): Tanner Creek Quad: Burnt House 7.5'
Farm Name: _____

- 1. List the procedures used for the treatment and discharge of fluids. Include a list of all operations that could contaminate the groundwater.

NO
PIT
SUM

A contract service will be used to treat fluids in the pit to obtain the proper PH 6.5 Rig and pumping equipment will be used to cut and remove casing, pumping cement and gel, mixing of water, cement and gel in above ground tanks.

- 2. Describe procedures and equipment used to protect groundwater quality from the list of potential contaminant sources above.

- 3. List the closest water body, distance to closest water body, and distance from closest Well Head Protection Area to the discharge area.

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- 4. Summarize all activities at your facility that are already regulated for groundwater protection.

- 5. Discuss any existing groundwater quality data for your facility or an adjacent property.

[Empty rectangular box for text entry]

6. Provide a statement that no waste material will be used for deicing or fill material on the property.

No waste material will be used for deicing or fill material on the property.

7. Describe the groundwater protection instruction and training to be provided to the employees. Job procedures shall provide direction on how to prevent groundwater contamination.

Silt fences will be installed around the work area. A pit will be constructed and a ditch from the wellhead to divert and contain any fluid from the work area.

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Environmental Protection

8. Provide provisions and frequency for inspections of all GPP elements and equipment.

A JSA will be completed each day on the job site to discuss the procedures, safety and inspection of all GPP elements and equipment.

Signature: David Dean

Date: 02/12/2019



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