



---

west virginia department of environmental protection

---

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

Austin Caperton, Cabinet Secretary  
[www.dep.wv.gov](http://www.dep.wv.gov)

Friday, May 4, 2018  
WELL WORK PLUGGING PERMIT  
Vertical Plugging

STANDARD OIL COMPANY, INC.  
PO BOX 3363

PARKERSBURG, WV 26103

Re: Permit approval for 7349  
47-087-02396-00-00

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

A blue ink signature of James A. Martin, written in a cursive style.

Operator's Well Number: 7349  
Farm Name: SUMMERFIELD, L.  
U.S. WELL NUMBER: 47-087-02396-00-00  
Vertical Plugging  
Date Issued: 5/4/2018

## 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.
4. This well is under a consent order and must be plugged under the terms of that agreement.

1) Date \_\_\_\_\_, 20\_\_\_\_\_  
2) Operator's Well No. L.P. Summerfield 308  
3) API Well No. 47-87-2396

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

5) Location: Elevation 930 feet. Watershed Laurel Fork  
District Smithfield County Roane Quadrangle Looneyville

6) Well Operator Standard Oil of WV 7) Designated Agent [Signature]  
Address PO Box 3363 Address \_\_\_\_\_  
Parkersburg WV 26103

8) Oil and Gas Inspector to be notified  
Name Joe Taylor 304-380-7469  
Address 1478 clay lick Rd. [Signature]  
Ripley wv. 25271

9) Plugging Contractor  
Name Rd R well Service  
Address 42 Lynch Ridge  
Walton, WV 25286

- 10) Work Order: The work order for the manner of plugging this well is as follows:
- Rig up, Check well T.D. @1,930'
  - Pull the 3" tubing from the hole
  - Pull the 5 3/16" casing from the hole
  - Run tubing in the hole to 1,925'
  - Gel the hole
  - Cement from 1,925' to 1,825'
  - Pull the tubing from the hole
  - Pull the 6 5/8" casing from the hole
  - Run tubing in the hole to 1,800'
  - Cement from 1,800' to 1,700'
  - Cement from 1,500' to 1,400'
  - Cement from 900' to 800'
  - Cement from 500' to 400'
  - Cement from 100' to the surface

RECEIVED monument with the API number attached

Office of Oil and Gas

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

WV Department of Environmental Protection  
Work order approved by inspector [Signature]

Date 5-4-18

05/04/2018

O. F. (2184)

UNITED FUEL GAS COMPANY  
COMPANY

SERIAL WELL NO. 308 LEASE NO. 1798 MAP SQUARE 78-81

| RECORD OF WELL                     |  | on the    |        | CASING AND TUBING |              | TEST BEFORE SHOT                     |  |
|------------------------------------|--|-----------|--------|-------------------|--------------|--------------------------------------|--|
| L. P. Summerfield farm of 64 Acres |  | size      | weight | USED IN DRILLING  | LEFT IN WELL | 10 of Water in                       |  |
| Smithfield District                |  | conductor |        | 16                | 16           | 10 of Merc. in                       |  |
| Round County                       |  | 10"       |        | 305               |              | Volume 12 Cu                         |  |
| State of W. Va.                    |  | 8 1/2"    |        | 805               |              | TEST AFTER SHOT                      |  |
| 1. 11-                             |  | 6-5/8"    |        | 1806              | 1806         | 10 of Water in                       |  |
| Rig. Commenced Nov. 3, 1910        |  | 5-3/16"   |        |                   | 1890         | 10 of Merc. in                       |  |
| Rig. Completed Nov. 9, 1910        |  |           |        |                   |              | Volume Cu                            |  |
| Drilling Commenced Dec. 20, 1910   |  | 3"        |        |                   | 2027         | Hours After S                        |  |
| Drilling Completed Feb. 6, 1911    |  |           |        |                   |              | 5-11-31<br>Rock Pressure 48 hr. 176# |  |
| Drilling cost \$1.30 per foot      |  |           |        |                   |              | Date Shot Dec. 29, 1928              |  |
| Contractor is: Pratt Drilling Co.  |  |           |        |                   |              | Size of Torpedo 20 Qts.              |  |
| Address: Charleston, W. Va.        |  |           |        |                   |              | SHUT IN                              |  |
|                                    |  |           |        |                   |              | Oil Flowed bbls. 1st 24 h            |  |
|                                    |  |           |        |                   |              | Date                                 |  |
|                                    |  |           |        |                   |              | Oil Pumped bbls. 1st 24 h            |  |
| Driller's Name: F. F. Everly       |  |           |        |                   |              | Tubing or Casing                     |  |
| T. J. Christy                      |  |           |        |                   |              | Well abandoned and                   |  |
|                                    |  |           |        |                   |              | Plugged 103                          |  |
|                                    |  |           |        |                   |              | Kind of Packer Anchor                |  |
|                                    |  |           |        |                   |              | Set 61' from bottom                  |  |
|                                    |  |           |        |                   |              | and Perf Set from                    |  |

| DRILLER'S RECORD     |      |        |           |   |
|----------------------|------|--------|-----------|---|
| FORMATION            | TOP  | BOTTOM | THICKNESS | REMARKS                                 |
| Conductor            |      | 16     | 16        | Water @ 1565'                           |
| Lime                 | 145  | 198    | 53        |   |
| Slate & Red Rock     | 198  | 395    | 197       |   |
| Sand                 | 395  | 440    | 45        |   |
| Red Rock & Slate     | 440  | 690    | 250       |   |
| Little Dunkard       | 690  | 703    | 13        | Water in Big Lime @ 1865'               |
| Slate & Shells       | 703  | 790    | 87        |   |
| Big Dunkard          | 790  | 885    | 95        | Tubing, packer and fittings furnished   |
| Slate, Shells & Sand | 885  | 1470   | 585       | by U. F. G. Co. who took charge         |
| Salt Sand            | 1470 |        |           | as soon as drilled in                   |
| Little Lime          | 1760 |        |           | Tubed by Pratt Drilling Co. under       |
| Pencil Cave          | 1791 | 1799   | 8         | direction.                              |
| Big Lime             | 1799 |        |           | Test before shot 4/10 W 2" ( )          |
| Injun                | 1890 | 1945   |           | Well shot 12-26-28 with 20 qts. from    |
| Total Depth          |      | 1950   |           | 1930-1940.                              |
|                      |      |        |           | Test: 18 hrs. after shot 26/10 W 2" ( ) |

RECEIVED  
Office of Oil and Gas

MAY 04 2018

WV Department of  
Environmental Protection

05/04/2018

PARTICIPANTS: \_\_\_\_\_ DATE: DEC 13 1979 BUYER-SELLER CODE \_\_\_\_\_  
 WELL OPERATOR: FIVE STAR GAS. CO. \_\_\_\_\_ 001375  
 FIRST PURCHASER: COLUMBIA GAS TRANSMISSION CORP. \_\_\_\_\_ 004030  
 OTHER: \_\_\_\_\_

*Principals section 108 stopped well  
 [Signature]*

W. Va. Department of Mines, Oil & Gas Division  
 WELL DETERMINATION FILE NUMBER  
7902-27-108-097-2396  
 Use Above File Number on all Communications  
 Relating to Determination of this Well

CHECK EACH ITEM AS COMPLETE OR NOTE WHAT IS MISSING

- ITEM NO. \_\_\_\_\_
- 1 FERC-121  Items not completed -- Line No. \_\_\_\_\_
  - 2 IV-1 - Agent JOHN W. STONE
  - 3 IV-2 - Well Permit \_\_\_\_\_
  - 4 IV-6 - Well Plat
  - 5 IV-35- Well Record  Drilling  Deepening No
  - 6 IV-36- Gas-Oil Test: Gas Only No Was Oil Produced? 0.3% Ratio 76.66
  - 7 IV-39- Annual Production 23 MO years
  - 8 IV-40- 90 day Production 90 Days off Line: 0
  - 9 IV-48- Application for Certification Complete? Yes
  - 10 - 17 IV Form #51 - 52 - 53 - 54 - 55 - 56 - 57 - 58. Complete  Affidavit Signed
  - 18 - 28 Other: Survey \_\_\_\_\_ Logs \_\_\_\_\_ Geological Charts \_\_\_\_\_ Structure Map \_\_\_\_\_  
 1:4000 Map \_\_\_\_\_ Well Tabulations \_\_\_\_\_ Gas Analyses \_\_\_\_\_  
 Date commenced: 12-20-70  
 Date Completed: 2-6-71 Deepened No  
 (5) Production Depth: 1930-40'  
 (5) Production Formation: BIG INJUN  
 (5) Initial Potential: 1225 MCF/D  
 (5) Static R.P. Initially: 176'  
 (6) Other Gas Test: \_\_\_\_\_  
 (7) Avg. Daily Gas from Annual Production:  $\frac{4022}{335} = 12$  MCF  
 (8) Avg. Daily Gas from 90-day ending 1-1-70 days:  $\frac{1143}{90} = 12.7$  MCF  
 (8) Line Pressure: 2.4 PSIG from Daily Report  
 (5) Oil Production: No From Completion Report  
 (10-17) Does lease inventory indicate enhanced recovery being done: No  
 (10-17) Is affidavit signed?  Notarized?   
 Does official well record with the Department confirm the submitted information? No  
 Additional Information: \_\_\_\_\_ Does computer program confirm? \_\_\_\_\_  
 Was Determination Objected to? \_\_\_\_\_ By whom? \_\_\_\_\_

RECEIVED  
 Office of Oil and Gas

MAY 04 2018

WV Department of  
 Environmental Protection

05/04/2018

*J.R.P. Dim*

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

Operator: Well # 2349  
Well No. 087-1-2396  
No. 47 County Roane State West Virginia

WELL CLASSIFICATION FORM  
STRIPPER GAS WELL

NGPA Section 100

DESIGNATED AGENT Five Star Gas Comp.

ADDRESS P.O. Box 765  
Spencer, W. Va.

WELL OPERATOR Five Star Gas Comp.

ADDRESS P.O. Box 765  
Spencer, W. Va.

GAS PURCHASER Columbia Gas

ADDRESS P.O. Box 1273  
Charleston W. Va.

LOCATION: Elevation 930

Watershed Laurel Fork of the Pocahontas River

Dist Smithfield County Roane Road Walton

Gas Purchase Contract No. 006704

Meter Chart Code 20-3405

Date of Contract 6-7-66

Provide a complete inventory of the lease and production equipment used for the well for the previous 24 months or, if less than 24 months, the period the well has been in production. Include a complete list of equipment or processes used in connection with recognized enhanced recovery techniques during completion or production. (Attach separate sheets, if necessary.)

- 1806' - 6 7/8" casing
- 1880' - 4 1/2" casing
- 1920' - 2" tubing
- 1920' - rock
- 1 pump jack with gas engine
- 1 100 bbl tank
- 1 drop
- 2790' - 2" line pipe
- Misc valves & fittings

List all records reasonably available to you which contain information relevant to a determination of eligibility (including production records, BSO Tax Records and royalty payment records) and indicate the location of such records.

The production records and royalty payment records since 1966 are available. Prior to 1966, the well was owned by Columbia Gas. The records are located at 343 1/2 Market Street in Spencer, W. Va.

RECEIVED  
Office of Oil and Gas  
MAY 04 2018

WV Department of  
Environmental Protection

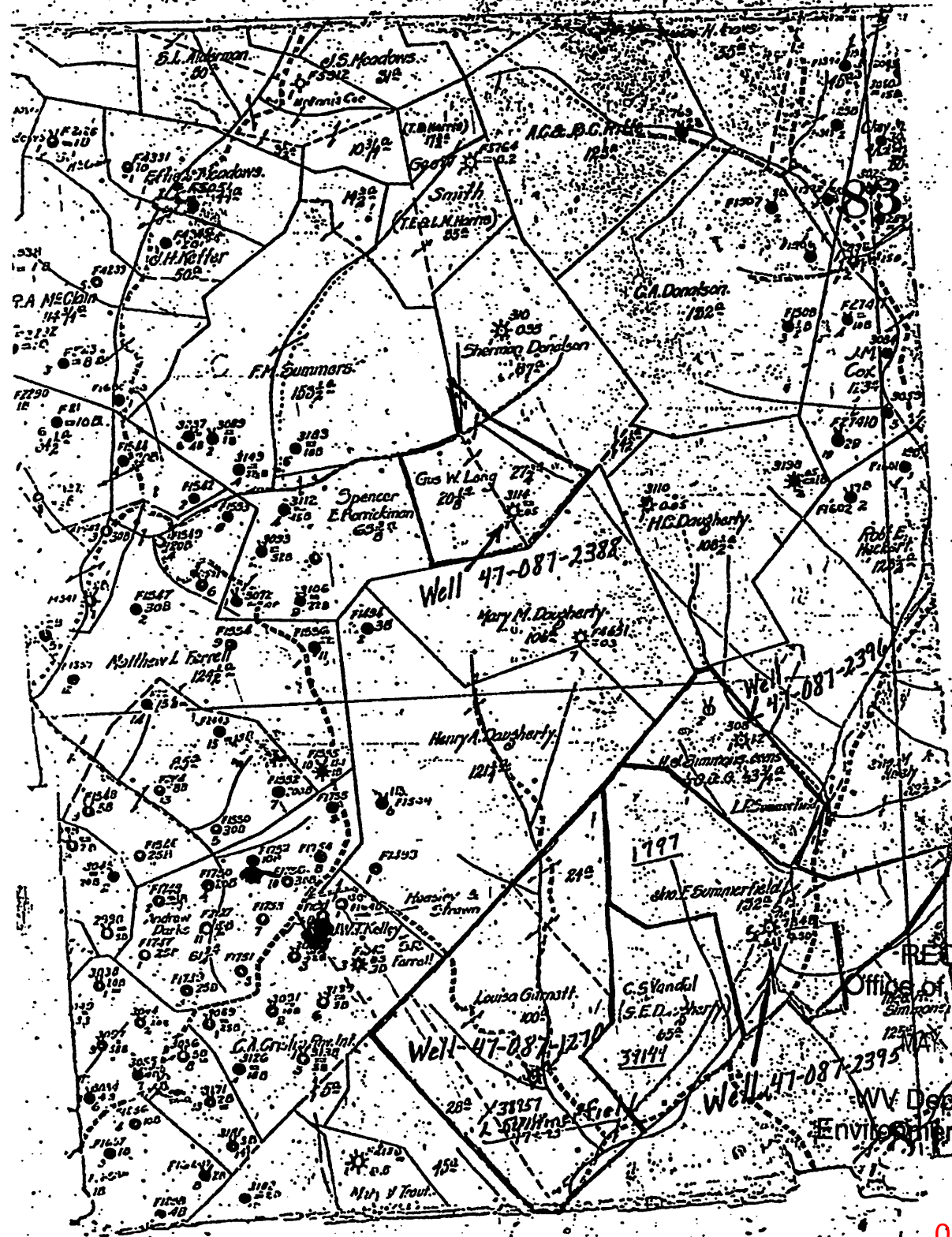
|   |  |         |   |                               |
|---|--|---------|---|-------------------------------|
| 1.0 API well number:<br>(If not available, leave blank. 14 digits.)   | 47-087-2396  |         |   |                               |
| 2.0 Type of determination being sought:<br>(Use the codes found on the front of this form.)                                   | 108<br>Section of NGPA   |         | Category Code                               |                               |
| 3.0 Depth of the deepest completion location:<br>(Only needed if sections 103 or 107 in 2.0 above.)                           | feet   |         |   |                               |
| 4.0 Name, address and code number of applicant:<br>(35 letters per line maximum. If code number not available, leave blank.)  | L.P. Summerfield Well #7349<br>Name<br>Five Star Gas Co. Box 765<br>Street<br>Spencer<br>City<br>W.Va. 25276<br>State Zip Code |         | Seller Code                                 |                               |
| 5.0 Location of this well: (Complete (a) or (b).)<br>(a) For onshore wells:<br>(35 letters maximum for field name.)           | Clover Oil Field<br>Field Name<br>Roane<br>County<br>W.Va.<br>State  |         |   |                               |
| (b) For OCS wells:  | Area Name  |         | Block Number                                |                               |
|   | Date of Lease:<br>Mo. Day Yr.  |         | OCS Lease Number                            |                               |
| (c) Name and identification number of this well:<br>(35 letters and digits maximum.)  | L.P. Summerfield Well #7349  |         |   |                               |
| (d) If code 4 or 5 in 2.0 above, name of the reservoir:<br>(35 letters maximum.)  |  |         |   |                               |
| 6.0 (a) Name and code number of the purchaser:<br>(35 letters and digits maximum. If code number not available, leave blank.) | Columbia Gas Transmission Corp.<br>Name  |         | Buyer Code                                  |                               |
| (b) Date of the contract:   | 08/07/66<br>Mo. Day Yr.  |         |   |                               |
| (c) Estimated annual production:  | 4.4 MMcf   |         |   |                               |
|   | (a) Base Price (\$/MMBTU)  | (b) Tax | (c) All Other Prices (Indicate (+) or (-).) | (d) Total of (a), (b) and (c) |
| 7.0 Contract price:<br>(As of filing date. Complete to 3 decimal places.)   | 0.610<br><del>0.610</del>  | 0.050   |   | 0.660                         |
| 8.0 Maximum lawful rate:<br>(As of filing date. Complete to 3 decimal places.)  | 2.224  | 0.170   |   | 2.394                         |
| 9.0 Person responsible for this application:  | J. W. Stone<br>Name<br>Partner-Manager<br>Title<br>Signature<br>12-13-78<br>Date Application is Completed                      |         | 92 RECEIVED<br>Office of Oil and Gas        |                               |

Agency Use Only  
Date Received by Agency  
FEB 21 1979  
Date Received by FEB 28  
OIL & GAS DIVISION  
WILNES

FT790080G/2-2

MAY 04 2018

87-02396



RECEIVED  
Office of Oil and Gas

MAY 04 2018

WV Department of  
Environmental Protection





WW-4A  
Revised 6-07

1) Date: \_\_\_\_\_  
2) Operator's Well Number  
L.P. Summerfield # 308  
3) API Well No.: 47 - 087 - 02396

**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: | 5) (a) Coal Operator               |
| (a) Name <u>Roger Adams</u>       | Name _____                         |
| Address <u>PO Box 51</u>          | Address _____                      |
| <u>Looneyville WV 25259</u>       |                                    |
| (b) Name _____                    | (b) Coal Owner(s) with Declaration |
| Address _____                     | Name _____                         |
|                                   | Address _____                      |
| (c) Name _____                    | Name _____                         |
| Address _____                     | Address _____                      |
| 6) Inspector <u>Joe Taylor</u>    | (c) Coal Lessee with Declaration   |
| Address <u>1478 Cloylick Rd.</u>  | Name _____                         |
| <u>Ripley WV 25271</u>            | Address _____                      |
| Telephone <u>304-380-7469</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-4B, 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 Standard oil of W.V.

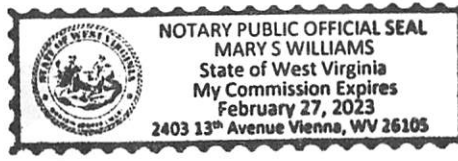
By: [Signature]

Address 129 Clinton Ave

Parkersburg, WV 26103

Telephone 304-679-2117

Chief Operating Officer



Subscribed and sworn before me this 25 day of April, 2016 Office of Oil and Gas  
Mary S Williams Notary Public  
My Commission Expires Feb. 27, 2023 MAY 04 2018

Oil and Gas Privacy Notice

The Office of Oil and Gas processes your personal information, such as name, address and phone number, in order to perform its 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 [depprivacyofficer@wv.gov](mailto:depprivacyofficer@wv.gov).

RECEIVED  
Office of Oil and Gas  
MAY 04 2018  
WV Department of Environmental Protection  
05/04/2018

**SURFACE OWNER WAIVER**

Operator's Well  
Number

47-87-2396 P  
L.P. Summerfield 308

**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 57<sup>th</sup> 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 one 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,

RECEIVED  
Office of Oil and Gas

MAY 04 2018

Regan Reeves  
Signature

Date 5/4/18

Name  
By  
Its

WV Department of  
Environmental Protection

Date

Signature

**05/04/2018**  
Date

API No. 47-87-2396 P  
Farm Name L.P. Summerfield  
Well No. 308

**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 \_\_\_\_\_

RECEIVED  
Office of Oil and Gas

MAY 04 2018

WV Department of  
Environmental Protection

05/04/2018

WW-9  
(5/16)

API Number 47 - 87 - 02396 P  
Operator's Well No. 308  
L.P. Summersfield

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

Operator Name Standard oil of W.V. OP Code \_\_\_\_\_

Watershed (HUC 10) Laurel Fork Quadrangle Looneyville

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: \_\_\_\_\_

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

Proposed Disposal Method For Treated Pit Wastes:

- \_\_\_\_\_ Land Application (if selected provide a completed form WW-9-GPP)
- X Underground Injection ( UIC Permit Number 2D0392210 )
- \_\_\_\_\_ Reuse (at API Number \_\_\_\_\_)
- \_\_\_\_\_ Off Site Disposal (Supply form WW-9 for disposal location)
- \_\_\_\_\_ Other (Explain pluggings will be collected in a steel tank and hauled to disposal)

Will closed loop system be used? If so, describe: N/A

Drilling medium anticipated for this well (vertical and horizontal)? Air, freshwater, oil based, etc. N/A

-If oil based, what type? Synthetic, petroleum, etc. N/A

Additives to be used in drilling medium? N/A

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) N/A

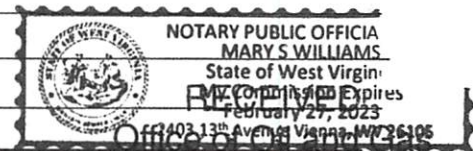
-Landfill or offsite name/permit number? N/A

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 \_\_\_\_\_  
Company Official (Typed Name) Andrew Zelvar  
Company Official Title Chief operating officer



Subscribed and sworn before me this 25 day of April, 2016 MAY 04 2018

Mary S Williams Notary Public WV Department of Environmental 05/04/2018  
My commission expires Feb 27, 2023

Proposed Revegetation Treatment: Acres Disturbed .5 Prevegetation pH 6.5

Lime 2 Tons/acre or to correct to pH 6.5

Fertilizer type 10-10-10

Fertilizer amount 500 lbs/acre

Mulch 2 Tons/acre

Seed Mixtures

Temporary

Permanent

Seed Type lbs/acre

Seed Type lbs/acre

Pasture mix with NO  
Fescue Added

Pasture Mix with NO  
Fescue Added

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: No FESCUE !!! JDI

Comments: Tos call ~~pluss~~ pluss !

Title: COG Inspector

Date: 5-4-18

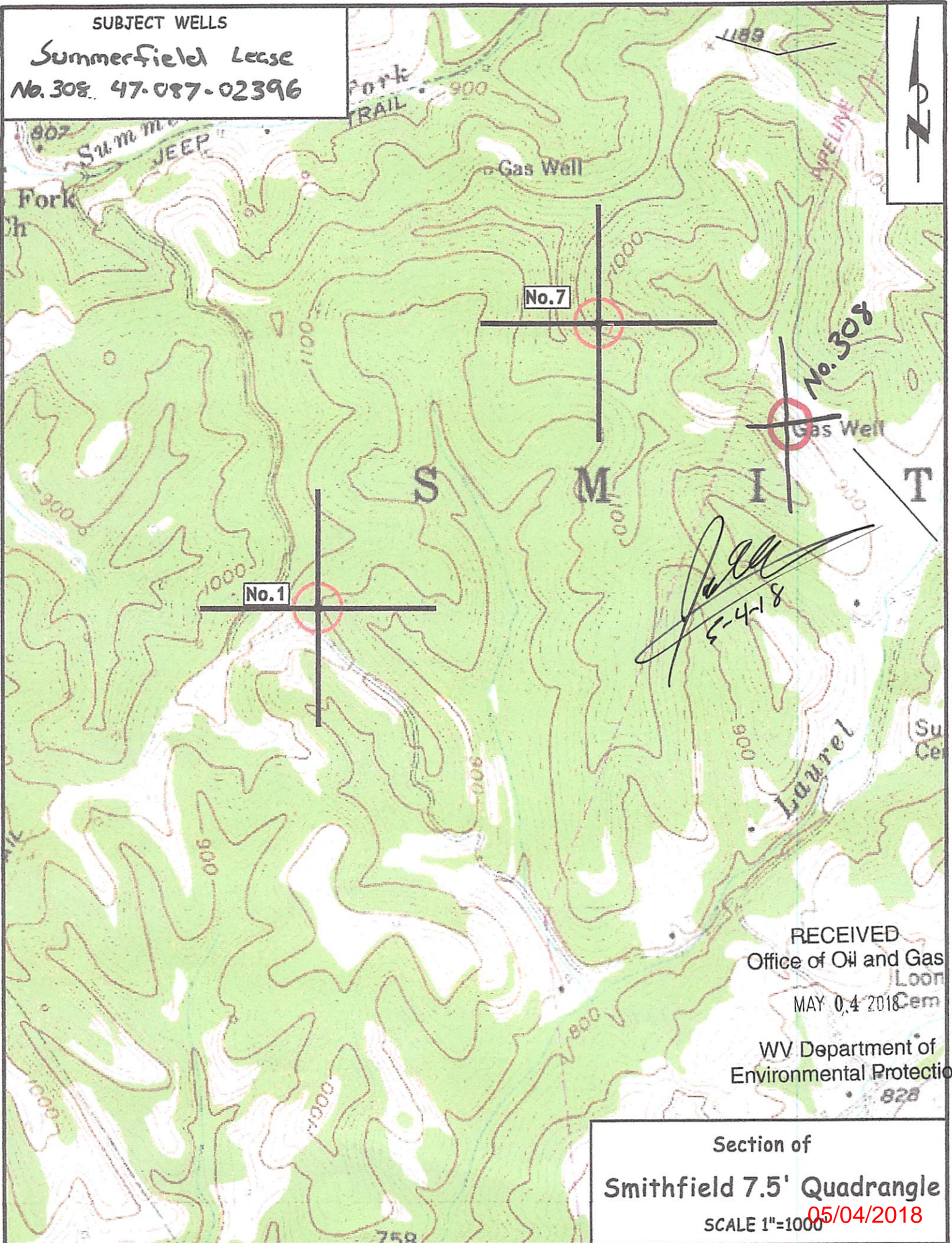
Field Reviewed?  Yes  No

RECEIVED  
Office of Oil and Gas  
MAY 04 2018

WV Department of  
Environmental Protection  
05/04/2018

SUBJECT WELLS

Summerfield Lease  
No. 308 47-087-02396



No. 1

No. 7

No. 308

*[Handwritten Signature]*  
5-4-18

RECEIVED  
Office of Oil and Gas  
MAY 04 2018

WV Department of  
Environmental Protection

Section of  
Smithfield 7.5' Quadrangle  
SCALE 1"=1000  
05/04/2018

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

Operator Name: \_\_\_\_\_  
Watershed (HUC 10): \_\_\_\_\_ Quad: \_\_\_\_\_  
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.

[Empty response box for question 1]

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

[Empty response box for question 2]

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

[Empty response box for question 3]

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

[Empty response box for question 4]

RECEIVED  
Office of Oil and Gas  
MAY 04 2018

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

WV Department of  
Environmental Protection  
05/04/2018



[Empty rectangular box for response]

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

[Empty rectangular box for response]

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.

[Empty rectangular box for response]

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

[Empty rectangular box for response]

RECEIVED  
Office of Oil and Gas

MAY 04 2018

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

WV Department of  
Environmental Protection

05/04/2018

WW-7  
8-30-06



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

API: 47-087-02396 WELL NO.: L.P. Summerfield 308  
 FARM NAME: Roger Adams  
 RESPONSIBLE PARTY NAME: Standard oil of W.V.  
 COUNTY: Roane DISTRICT: Smithfield  
 QUADRANGLE: Looneyville  
 SURFACE OWNER: Roger Adams  
 ROYALTY OWNER: Roger Adams  
 UTM GPS NORTHING: 4282613 (NAD 83)  
 UTM GPS EASTING: 473779 (NAD 83) GPS ELEVATION: 930 feet

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:

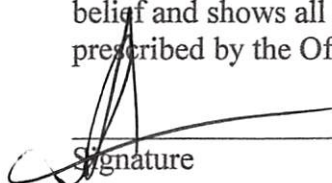
1. Datum: NAD 1983, Zone: 17 North, Coordinate Units: meters, Altitude: height above mean sea level (MSL) – meters.
2. Accuracy to Datum – 3.05 meters
3. Data Collection Method:

Survey grade GPS \_\_\_\_ : Post Processed Differential \_\_\_\_  
 Real-Time Differential \_\_\_\_

Mapping Grade GPS X : 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

Chief party officer  
Title

4-25-18  
Date

RECEIVED  
Office of Oil and Gas

MAY 04 2018

WV Department of  
Environmental Protection

05/04/2018

11/10/2016

## PLUGGING PERMIT CHECKLIST

## Plugging Permit

- WW-4B
- WW-4B signed by inspector
- WW-4A
- SURFACE OWNER WAIVER or PROOF THAT APPLICATION WAS SENT BY REGISTERED OR CERTIFIED MAIL Hand delivered JDZ
- COAL OWNER/COAL OPERATOR/COAL LESSEE WAIVERS or PROOF THAT APPLICATION WAS SENT BY REGISTERED OR CERTIFIED MAIL
- WW-9 PAGE 1 (NOTARIZED)
- WW-9 PAGE 2 with attached drawing of road, location, pit and proposed area for land application
- WW-9 GPP PAGE 1 and 2 if well effluent will be land applied
- RECENT MYLAR PLAT OR WW-7
- WELL RECORDS/COMPLETION REPORT
- TOPOGRAPHIC MAP OF WELL, SHOWING PIT IF PIT IS USED
- MUST HAVE VALID BOND IN OPERATOR'S NAME
- CHECK FOR \$100 IF PIT IS USED

RECEIVED  
Office of Oil and Gas

MAY 04 2018

WV Department of  
Environmental Protection

05/04/2018