



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, April 04, 2018
WELL WORK PERMIT
Vertical / Plugging

STATUS OIL WELL, INC.
6320 OWENBY COURT

CHARLOTTE, NC 282700000

Re: Permit approval for 1
47-087-02478-00-00

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.

Please be advised that form WR-35, Well Operators Report of Well Work 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: 1
Farm Name: DAUGHERTY, H. A.
U.S. WELL NUMBER: 47-087-02478-00-00
Vertical Plugging
Date Issued: 4/4/2018

I

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 March 1, 2018
2) Operator's Well No. H.A. Daugherty # 1
3) API Well No. 47-087 - 02478

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 1030 Watershed Laurel Fork
District Smithfield County Roane Quadrangle Looneyville

6) Well Operator Status Oil Well, Inc. 7) Designated Agent Richard Hardison
Address 6320 Owenby Court Address 6 Wildacre Road
Charlotte, NC Charleston, WV 25314

8) Oil and Gas Inspector to be notified Name Joe Taylor 304-380-7469
Address 1478 Claylick Road
Ripley, WV 25271
9) Plugging Contractor Name R and 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:

Run tubing in the hole to T.D. @ 2,070', Gel the hole

Cement from 2,070' to 1,970', Pull the tubing from the well *WOC 4 HRS. # TAG Bottom Hole Plug. ADD CEMENT IF NEEDED. JMM*

Pull the 6 5/8" casing from the well, Run tubing in the well to 1,900'

Cement from 1,900' to 1,800', 1,200' to 1,100', Pull the tubing from the hole

Pull the 8 1/4" casing from the well, Run tubing in the well to 950'

Cement from 950' to 850', 400' to 300', Pull the tubing from the hole

Pull the 10" from the hole, run tubing in the hole to 100'

Cement from 100' to surface, Erect a monument w/API attached

★ IF CASING CANNOT BE PULLED, PERFORATE CASING SUCH AS TO ALLOW FOR A CEMENT PLUG ACROSS ELEVATION (1030') AND ACROSS FRESH WATER ZONE (265') JMM

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

Work order approved by inspector  Date 3-30-18

No. 1

SOUTH PENN OIL COMPANY—COMPLETION

SERIAL NO. _____ FARM H.A. Daugherty WELL No. 1
 ELEVATION _____ N. _____ S. 51-2 E. _____ W. 40
 LEASE No. 61745 ACRES 300

WATERS OF _____

DISTRICT Smithfield COUNTY Roane STATE W. Va.
 DRILLING COMMENCED 11/21/13 COMPLETED 1/5/14 DEPTH 2108

SANDS	TOP	BOTTOM	ELEV. TOP	CASING
1422444 FCH. COAL OR BIG LIME	1937	2037		10 265
Gas	2003			8 $\frac{1}{4}$ 902
Oil & Water	2028			6 $\frac{3}{8}$ 1953
Keener	2037	2049		
Injun	2049	2073		
				PACKERS AND DEPTH SET

INITIAL PROD. 3 Bbl. SAND Big Lime DEPTH 2028
 GAS TEST Not Given " " "
 SHOT 1/10/14 QUARTS 30 " Injun " 2053-2073
 REMARKS No pay shown on record for Injun sand
Acidized 10-8-35
 REPORTED BY Poca district ABANDONED _____

No. 1

SOUTH PENN OIL COMPANY—COMPLETION

SERIAL No. _____ LEASE No. 61745 MAP No. 62
 ELEVATION _____ N. _____ S. 51-2 E. _____ W. 40
 FARM H.A. Daugherty ACRES 300 WELL No. 7

WATERS OF Poca River

DISTRICT Smithfield COUNTY Roane STATE W. Va.
 DRILLING COMMENCED 9/3/20 COMPLETED 12/20/20 DEPTH 2175

SANDS	TOP	BOTTOM	ELEV. TOP	CASING
Big Lime	2020	2039		10 205
Injun	2150	2160		8 $\frac{1}{4}$ 927
Gas	2153	2160		6 $\frac{3}{8}$ 2038
				PACKER AND DEPTH SET

INITIAL PROD. _____ SAND _____ DEPTH _____
 GAS TEST 30/10 W 2" " Injun " 2153-2160
 SHOT No QUARTS _____ " "
 REMARKS _____
 REPORTED BY Poca District ABANDONED _____

WW-4A
Revised 6-07

1) Date: 3/1/2018
2) Operator's Well Number
H.A. Daugherty # 1
3) API Well No.: 47 - 087 - 02478

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> W	Name <u>None</u>
Address <u>P.O. Box 51</u>	Address _____
<u>Looneyville, WV 25259</u>	_____
(b) Name _____	(b) Coal Owner(s) with Declaration
Address _____	Name <u>None</u>
_____	Address _____
(c) Name _____	Name _____
Address _____	Address _____
_____	_____
6) Inspector <u>Joe Taylor</u>	(c) Coal Lessee with Declaration
Address <u>1478 Claylick Road</u>	Name <u>None</u>
<u>Ripley, WV</u> SOI	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 Status Oil Well, Inc.
 By: [Signature] Robert Hardison
 Its: President
 Address: 6320 Owendy Ct
Chapel Hill, NC 27520
 Telephone: 704-366-2139

Subscribed and sworn before me this 26th day of March, 2018
Tracey C Barnett Notary Public
 My Commission Expires 12/04/2021

TRACEY C BARNETT
 Notary Public
 Macklenburg Co., North Carolina
 My Commission Expires Dec. 4, 2021

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 depprivacyofficer@wv.gov.

SURFACE OWNER WAIVER

Operator's Well
Number

H.A. Daugherty # 1

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 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,

Roger Adams Date 3/29/72
Signature

Name _____
By _____
Its _____ Date _____

Signature

Date

WW-9
(5/16)

API Number 47 - 087 - 02478 P
Operator's Well No. HA. Daugherty #1

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

Operator Name Status Oil Well, Inc. OP Code 309993

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)
- Underground Injection (UIC Permit Number 2D0392210)
- Reuse (at API Number _____)
- Off Site Disposal (Supply form WW-9 for disposal location)
- Other (Explain Plugging will be collected in a steel tank and hauled to disposal)

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

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

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

Additives to be used in drilling medium? NA

Drill cuttings disposal method? Leave in pit, landfill, removed offsite, etc. NA

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

-Landfill or offsite name/permit number? NA

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 Robert Handison JPT

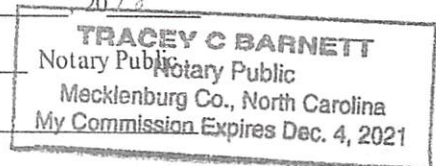
Company Official (Typed Name) Robert Handison

Company Official Title President

Subscribed and sworn before me this 26 day of March

Tracey C Barnett

My commission expires 12/04/2021



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:

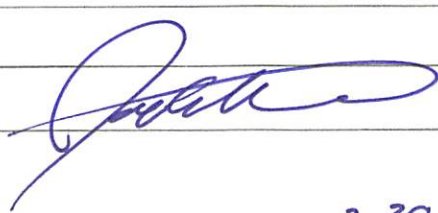
Maps(s) of road, location, pit and proposed area for land application (unless engineered plans including this info have been provided). If water from the pit will be land applied, provide water volume, include dimensions (L, W, D) of the pit, and dimensions (L, W), and area in acres, of the land application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

Photocopied section of involved 7.5' topographic sheet.

Plan Approved by: _____

Comments: No FESCUE seed is to be used!!!

Must wait for good weather to move in and work!!



Title: COG Inspector

Date: 3-30-18

Field Reviewed? Yes

No

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

Operator Name: Status Oil Well, Inc.

Watershed (HUC 10): Laurel Fork Quad: Looneyville

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]

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

6. Provide a statement that 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.

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

Signature: _____

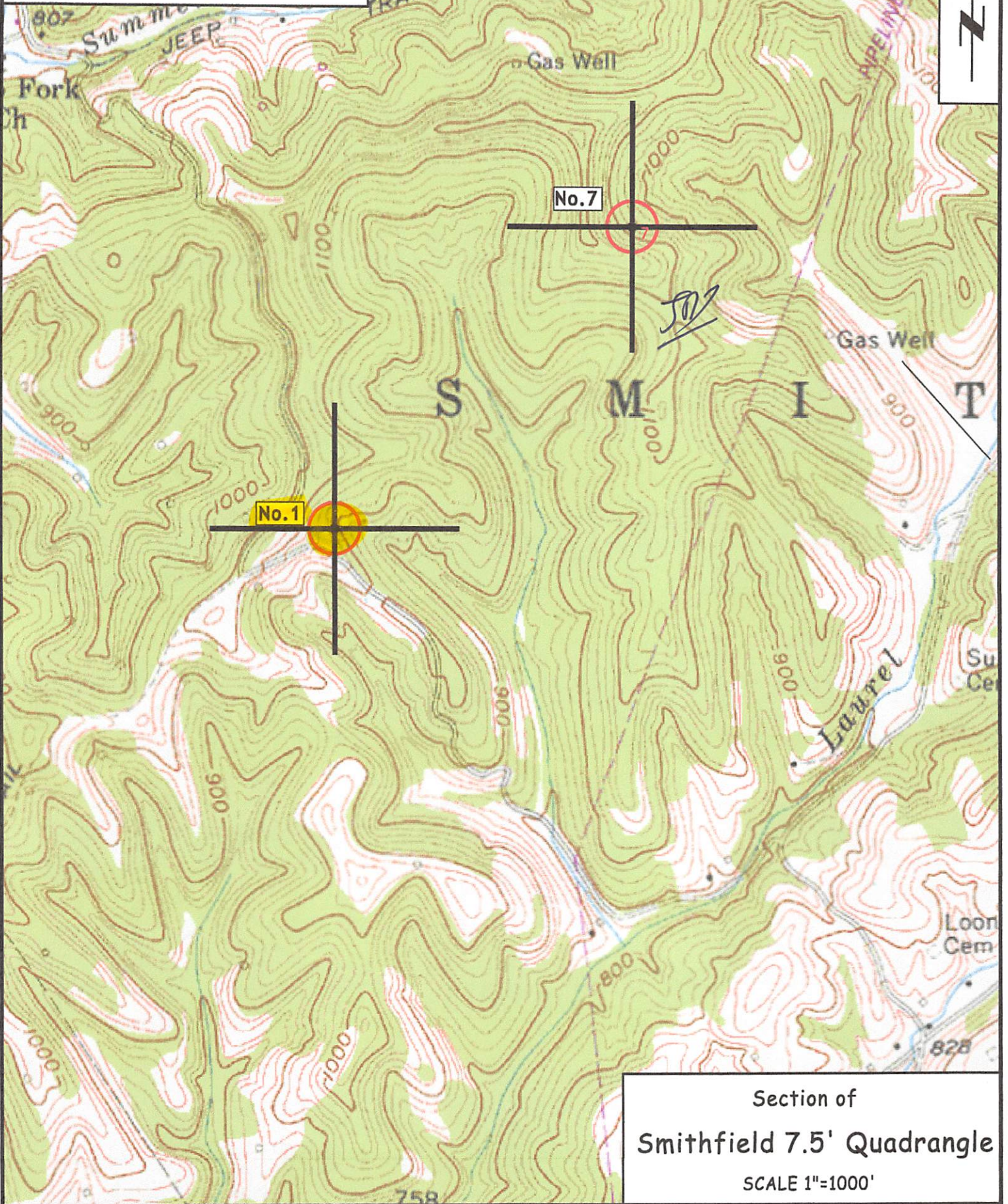
Date: _____

SUBJECT WELLS

H.A. Daugherty Lease

No.1 47-087-02478

No.7 47-087-02479



Section of
Smithfield 7.5' Quadrangle
SCALE 1"=1000'

WW-7
8-30-06



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

API: 47-087-02478 WELL NO.: H.A. Daugherty # 1

FARM NAME: Roger Adams

RESPONSIBLE PARTY NAME: Status Oil Well, Inc.

COUNTY: Roane DISTRICT: Smithfield

QUADRANGLE: Looneyville

SURFACE OWNER: Roger Adams

ROYALTY OWNER: Roger Adams

UTM GPS NORTHING: 4,282,123 (NAD 83)

1030.4

UTM GPS EASTING: 472,564 (NAD 83) GPS ELEVATION: 305m

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 : Post Processed Differential

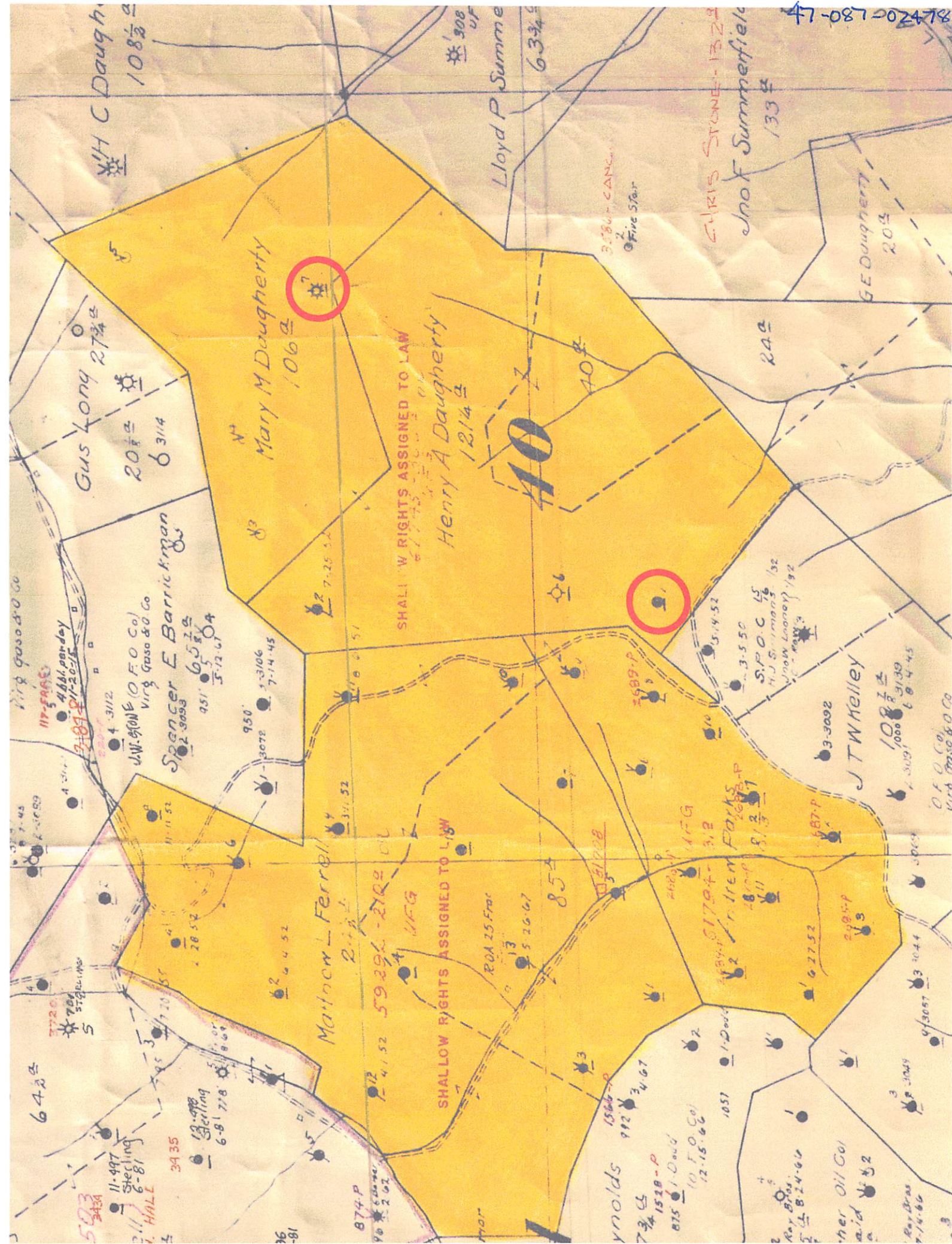
Real-Time Differential

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.

Robert Daugherty President
Signature Title

3/26/15
Date



Mary M Dougherty
106 $\frac{1}{2}$

Henry A Dougherty
1214 $\frac{1}{2}$

SHALLOW RIGHTS ASSIGNED TO LAW

40

SHALLOW RIGHTS ASSIGNED TO LAW

Erren Forks

Maitrow L Ferrell

J T Whelley

642 $\frac{1}{2}$

Gus Long 272 $\frac{1}{2}$

Lloyd P Summe

Spencer E Barrickman
108 $\frac{1}{2}$

Chris Stone - 132 $\frac{1}{2}$

Jno F Summerfield
133 $\frac{1}{2}$

W. F. Gaso & Co
Spencer E Barrickman

Steepling
6-81 718

Roy P. Ould
875 1-0-66

6874 P

Roy P. Ould
875 1-0-66

Other Oil Co
aid 6-82

874 P

1081

5923

1528 P

1081

6874 P

1081

1081

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 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