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west virginia department of environmental protection

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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)

Wednesday, September 05, 2018  
WELL WORK PLUGGING PERMIT  
Vertical Plugging

HILDRETH, ROY G & SON INC

Re: Permit approval for TALBOTT 5  
47-021-05772-00-00

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.

A handwritten signature in blue ink, appearing to read 'James A. Martin', is positioned above the printed name.

James A. Martin  
Chief

Operator's Well Number: TALBOTT 5  
Farm Name: TALBOTT, CHARLES E.  
U.S. WELL NUMBER: 47-021-05772-00-00  
Vertical Plugging  
Date Issued: 9/5/2018

## 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

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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.

WW-4B  
Rev. 2/01

1) Date \_\_\_\_\_, 20 18  
2) Operator's  
Well No. TALBOTT 5  
3) API Well No. 47-021 -5772

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 773' Watershed LEADING CREEK  
District DEKALB County GILMER Quadrangle GLENVILLE

6) Well Operator ROY G. HILDRETH & SON, INC. 7) Designated Agent ROY G. HILDRETH  
Address PO BOX 1007 Address PO BOX 1007  
SPENCER, WV 25276 SPENCER, WV 25276

8) Oil and Gas Inspector to be notified 9) Plugging Contractor  
Name DANNY MULLINS Name ROY G. HILDRETH & SON, INC.  
Address 220 JACK ACRES RD Address PO BOX 1007  
BUCHANNON, WV 26201 SPENCER, WV 25276

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

- 1) RUN IN HOLE AND MEASURE TOTAL DEPTH. TRIP 1 1/2" TUBING TO TOTAL DEPTH
- 2) PUMP 300' CEMENT PLUG COVERING WIER
- 3) PUMP 400' CEMENT PLUG COVERING MAXON AND 2ND SALT SAND
- 4) PUMP 180' CEMENT PLUG COVERING 1ST SALT SAND
- 5) CUT 4 1/2" AT 590' (BOND LOG FREE POINT) PULL 4 1/2" AND SET 100' PLUG
- 6) PUMP 100' CEMENT PLUG FROM 100' TO SURFACE. SET MONUMENT.
- 7) 6% GEL SPACERS BETWEEN ALL PLUGS
- 8) TEAR DOWN, MOVE OFF AND RECLAIM LOCATION

SET PLUG 1 FROM 1800'  
TO 1380' WOC 4 HRS. TAG PLUG.  
ADD CEMENT IF NEEDED.  
SET PLUG 2 FROM 1200' TO 900' TAG PLUG.  
SET 100' CLASS A PLUG FROM 360' - 260'.  
SET PLUG 3 ACROSS CASING CUT.

JMM

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 8-14-18

State of West Virginia  
Department of Environmental Protection - Office of Oil and Gas  
Well Operator's Report of Well Work

API 47-021-5772 County GILMER District DEKALB  
Quad GLENVILLE Pad Name \_\_\_\_\_ Field/Pool Name \_\_\_\_\_  
Farm name CHARLES E. TALBOTT Well Number TALBOTT WOLFE #5  
Operator (as registered with the OOG) ROY G. HILDRETH AND SON, INC.  
Address P. O. BOX 1007 City SPENCER State WV Zip 25276

As Drilled location NAD 83/UTM Attach an as-drilled plat, profile view, and deviation survey  
Top hole Northing 712.702 Easting 2,006.166  
Landing Point of Curve Northing N/A Easting N/A  
Bottom Hole Northing \_\_\_\_\_ Easting \_\_\_\_\_

Elevation (ft) 773' GL Type of Well  New  Existing Type of Report  Interim  Final  
Permi: Type  Deviated  Horizontal  Horizontal 6A  Vertical Depth Type  Deep  Shallow  
Type of Operation  Convert  Deepen  Drill  Plug Back  Redrilling  Rework  Stimulate  
Well Type  Brine Disposal  CBM  Gas  Oil  Secondary Recovery  Solution Mining  Storage  Other \_\_\_\_\_  
Type of Completion  Single  Multiple Fluids Produced  Brine  Gas  NGL  Oil  Other \_\_\_\_\_  
Drilled with  Cable  Rotary

Drilling Media Surface hole  Air  Mud  Fresh Water Intermediate hole  Air  Mud  Fresh Water  Brine  
Production hole  Air  Mud  Fresh Water  Brine  
Mud Type(s) and Additive(s) CLA STA, SOAP  
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Date permit issued 5/7/2014 Date drilling commenced 7/13/14 Date drilling ceased 7/16/14  
Date completion activities began 7/16/14 Date completion activities ceased 9/14/14  
Verbal plugging (Y/N) N/A Date permission granted N/A Granted by N/A

Please note: Operator is required to submit a plugging application within 5 days of verbal permission to plug

Freshwater depth(s) ft 70' Open mine(s) (Y/N) depths NO  
Salt water depth(s) ft 590' Void(s) encountered (Y/N) depths NO  
Coal depth(s) ft NONE Cavern(s) encountered (Y/N) depths NO  
Is coal being mined in area (Y/N) NO

Reviewed by:

09/07/2018

WR-35  
Rev. 8/23/13

API 47-021-5772 Farm name CHARLES E. TALBOTT Well number TALBOTT WOLFE #5

CASING STRINGS	Hole Size	Casing Size	Depth	New or Used	Grade wt ft	Basket Depth(s)	Did cement circulate (Y/N) * Provide details below*
Conductor	11"	9 5/8"			36#		PULLED
Surface	8 7/8"	7"	309	NEW	17#	43	YES, CTS *
Coal							
Intermediate 1							
Intermediate 2							
Intermediate 3							
Production	6 3/8"	4 1/2"	2011	NEW	11.6#		NO. 600' TOP OF CEMENT
Tubing							
Packer type and depth set							

DM

Comment Details \_\_\_\_\_

CEMENT DATA	Class Type of Cement	Number of Sacks	Slurry wt (ppg)	Yield (ft <sup>3</sup> /sks)	Volume (ft <sup>3</sup> )	Cement Top (MD)	WOC (hrs)
Conductor							
Surface	CLASS A-I	75	15.6	1.18	88	CTS + 40% EXCESS	12
Coal							
Intermediate 1							
Intermediate 2							
Intermediate 3							
Production	50/50 POZ	115	14.2	1.29	148.4	600	
Tubing							

Drillers TD (ft) 2136' Loggers TD (ft) 2114'  
 Deepest formation penetrated WIER Plug back to (ft) N/A  
 Plug back procedure N/A

Kick off depth (ft) N/A

Check all wireline logs run  caliper  density  deviated/directional  induction  
 neutron  resistivity  gamma ray  temperature  sonic

Well cored  Yes  No Conventional Sidewall Were cuttings collected  Yes  No

DESCRIBE THE CENTRALIZER PLACEMENT USED FOR EACH CASING STRING 7" - 267', 128'

4 1/2" - 187', 166', 136', 106'

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WAS WELL COMPLETED AS SHOT HOLE  Yes  No DETAILS \_\_\_\_\_

WAS WELL COMPLETED OPEN HOLE?  Yes  No DETAILS \_\_\_\_\_

WERE TRACERS USED  Yes  No TYPE OF TRACER(S) USED \_\_\_\_\_



WR-35  
Rev. 8/23/13

API 47-021-5772 Farm name CHARLES E. TALBOTT Well number TALBOTT WOLFE #5

<u>PRODUCING FORMATION(S)</u>	<u>DEPTHS</u>	
WIER	1755	TVD 1828 MD
MAXON	1425	1437
SALT SAND	1152	1192
SALT SAND	948	967

Please insert additional pages as applicable.

GAS TEST  Build up  Drawdown  Open Flow OIL TEST  Flow  Pump

SHUT-IN PRESSURE Surface 375 psi Bottom Hole \_\_\_\_\_ psi DURATION OF TEST 8 hrs

OPEN FLOW Gas Oil NGL Water GAS MEASURED BY  
 SHOW mcfpd  SHOW bpd \_\_\_\_\_ bpd \_\_\_\_\_ bpd  Estimated  Orifice  Pilot

LITHOLOGY FORMATION	TOP DEPTH IN FT	BOTTOM DEPTH IN FT	TOP DEPTH IN FT	BOTTOM DEPTH IN FT	DESCRIBE ROCK TYPE AND RECORD QUANTITY AND TYPE OF FLUID (FRESHWATER, BRINE, OIL, GAS, H.S. ETC)
	NAME TVD	TVD	MD	MD	
SLATE & SHALE	0	948	0		
SALT SAND	948	967			
SLATE & SHALE	967	1152			
SALT SAND	1152	1192			GAS - SHOW
SLATE & SHALE	1192	1425			
MAXON	1425	1437			GAS, OIL - SHOW
SLATE & SHALE	1437	1493			
BIG LIME	1493	1595			
BIG INJUN	1595	1640			LOW POROSITY, POOR DEVELOPMENT
SLATE & SHALE	1640	1755			
WIER	1755	1828			
SLATE & SHALE	1828	2136			

JM

Please insert additional pages as applicable.

Drilling Contractor R & R WELL SERVICE, LLC  
 Address 42 LYNCH RIDGE City WALTON State WV Zip 25286  
 RECEIVED  
 Office of Oil and Gas

Logging Company NABORS COMPLETION & PRODUCTION SERVICES, INC. (BOND & OPEN HOLE)  
 Address P O BOX 975682 City DALLAS State TX Zip 75397-5682  
 AUG 22 2018

Cementing Company UNIVERSAL WELL SERVICES, INC (4 1/2") ADDRESS AS BELOW  
 Address ROY G. HILDRETH & SON, INC. DID 7" City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_  
 WV Department of Environmental Protection

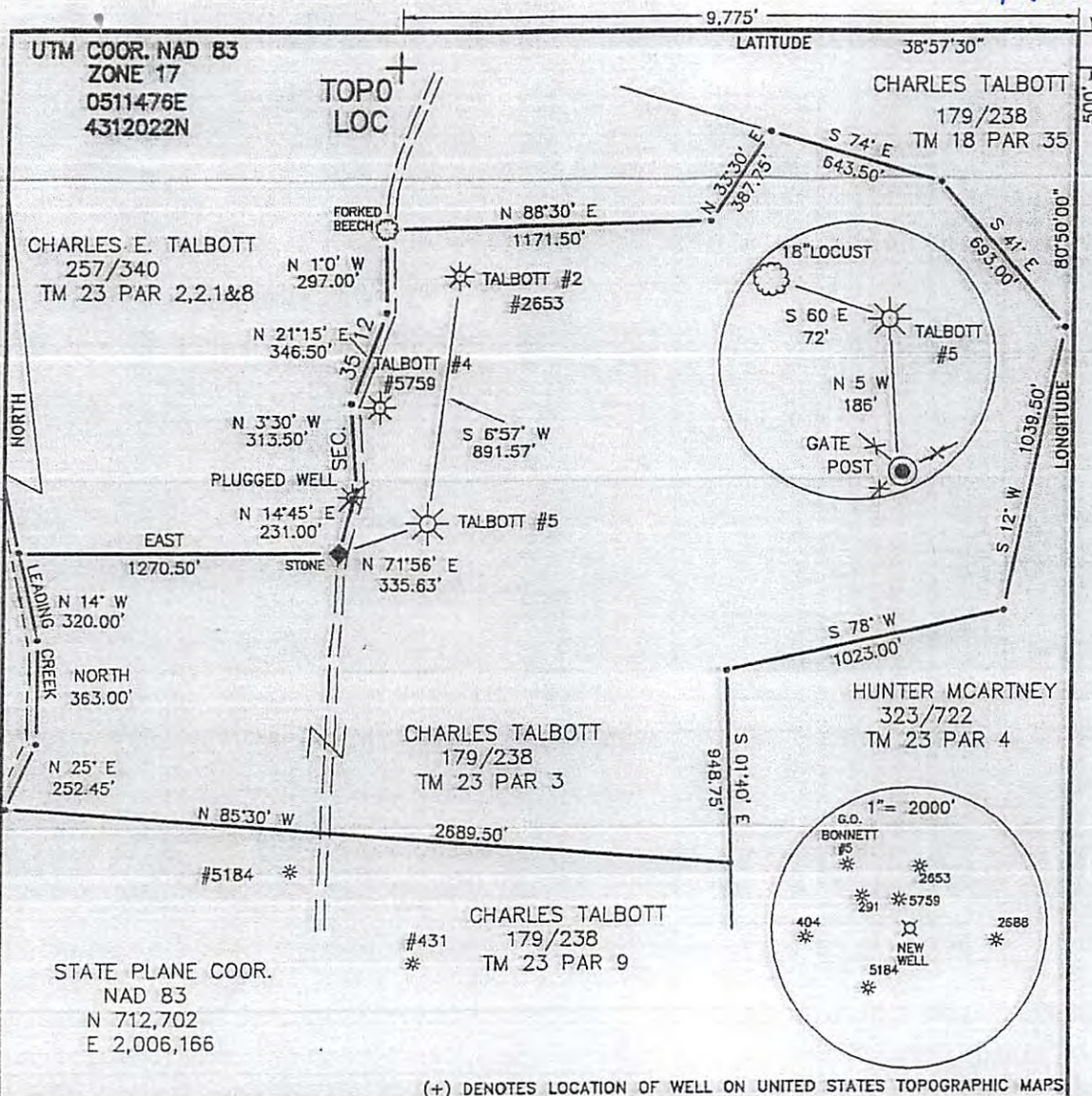
Stimulating Company UNIVERSAL WELL SERVICES, INC.  
 Address P O BOX 200969 City DALLAS State TX Zip 75320

Please insert additional pages as applicable.

Completed by JON R. HILDRETH Telephone 304-927-2130  
 Signature Jon R. Hildreth Title SECRETARY Date 10/24/14

Submittal of Hydraulic Fracturing Chemical Disclosure Information Attach copy of FRACFOCUS Registry

09/07/2018



DM

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FILE NO. \_\_\_\_\_  
DRAWING NO. 14-8  
SCALE 1"=500'  
MINIMUM DEGREE OF ACCURACY 1 IN 200  
PROVEN SOURCE OF ELEVATION GPS

I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT 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 DEPARTMENT OF ENERGY.

(SIGNED) \_\_\_\_\_  
R.P.E. \_\_\_\_\_ L.L.S. 851



STATE OF WEST VIRGINIA  
Division of Environmental Protection  
OFFICE OF OIL AND GAS

DATE 3/7, 2014  
OPERATOR'S WELL NO. TALBOTT #5  
API WELL NO. 47-021-05772  
STATE COUNTY PERMIT

WELL TYPE: OIL  GAS  LIQUID INJECTION \_\_\_\_\_ WASTE DISPOSAL \_\_\_\_\_  
(IF "GAS") PRODUCTION  STORAGE \_\_\_\_\_ DEEP \_\_\_\_\_ SHALLOW

LOCATION: ELEVATION 773 WATER SHED LEADING CREEK  
DISTRICT DeKALB COUNTY GILMER  
QUADRANGLE GLENVILLE

SURFACE OWNER CHARLES E. TALBOTT ACREAGE 128.75  
OIL & GAS ROYALTY OWNER CHARLES E. TALBOTT & OTHERS LEASE ACREAGE 128.75  
LEASE NO. \_\_\_\_\_

PROPOSED WORK: DRILL  CONVERT \_\_\_\_\_ DRILL DEEPER \_\_\_\_\_ REDRILL \_\_\_\_\_ FRACTURE OR  
STIMULATE  PLUG OFF OLD FORMATION \_\_\_\_\_ PERFORATE NEW  
FORMATION \_\_\_\_\_ OTHER PHYSICAL CHANGE IN WELL (SPECIFY): \_\_\_\_\_

PLUG AND ABANDON \_\_\_\_\_ CLEAN OUT AND REPLUG \_\_\_\_\_  
TARGET FORMATION BIG INJUN ESTIMATED DEPTH 1900

WELL OPERATOR ROY G. HILDRETH & SON DESIGNATED AGENT ROY G. HILDRETH JR.  
ADDRESS P.O. BOX 1007 ADDRESS P.O. BOX 1007  
SPENCER, WV 25276 SPENCER, WV 25276

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WW-4A  
Revised 6-07

1) Date: \_\_\_/\_\_\_/2018  
2) Operator's Well Number  
TALBOTT 5  
3) API Well No.: 47 - 021 - 5772

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 CHARLES E. TALBOTT	Name _____
Address 142 LOWER LEADING CREEK RD	Address _____
GLENVILLE, WV 26351	_____
(b) Name _____	(b) Coal Owner(s) with Declaration
Address _____	Name _____
_____	Address _____
(c) Name _____	Name _____
Address _____	Address _____
6) Inspector DANNY MULLINS	(c) Coal Lessee with Declaration
Address 220 JACK ACRES RD	Name _____
BUCHANNON, WV 26201	Address _____
Telephone _____	_____

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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 ROY G. HILDRETH & SON, INC.  
 By: JON HILDRETH *Jon R. Hildreth*  
 Its: SECRETARY  
 Address PO BOX 1007  
 SPENCER, WV 25276  
 Telephone 304-927-2130

Subscribed and sworn before me this 17th day of August, 2018  
*Meghann C. Caldwell* Notary Public  
My Commission Expires June 3, 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](mailto:depprivacyoffier@wv.gov).

**SURFACE OWNER WAIVER**

Operator's Well  
Number

TALBOTT 5

**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,

Charles E. Talbott Date \_\_\_\_\_  
Signature

\_\_\_\_\_  
Name  
By \_\_\_\_\_  
\_\_\_\_\_  
Date

CHARLES E. TALBOTT

Signature

Date

09/07/2018

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WW-4B

API No. 47-021-5772  
Farm Name CHARLES E. TALBOTT  
Well No. TALBOTT 5

**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.

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



NO KNOWN OPERATOR OWNER OR LESSEE OF  
WORKABLE COAL BED / SEAM ON THIS TRACT.

47-021-05772P

WW-9  
(5/16)

API Number 47 - 021 - 5772  
Operator's Well No. TALBOTT 5

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

Operator Name ROY G. HILDRETH & SON, INC. OP Code 307660  
Watershed (HUC 10) LEADING CREEK Quadrangle GLENVILLE

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 \_\_\_\_\_ )
- 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: 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. \_\_\_\_\_

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) \_\_\_\_\_

-Landfill or offsite name/permit number? \_\_\_\_\_

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Permittee shall provide written notice to the Office of Oil and Gas of any load of drill cuttings or associated waste rejected to a Department of Environmental Protection 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 [Signature]  
Company Official (Typed Name) JON R. HILDRETH  
Company Official Title SECRETARY

Subscribed and sworn before me this 17th day of August, 20 18

[Signature]  
My commission expires June 3, 2023



Proposed Revegetation Treatment: Acres Disturbed 1.0 Prevegetation pH 5.5

Lime 3 Tons/acre or to correct to pH 6.5

Fertilizer type 10-20-20, OR EQUIVALENT

Fertilizer amount 0.25 lbs/acre

Mulch HAY/STRAW 2 Tons/acre

Seed Mixtures

Temporary		Permanent	
Seed Type	lbs/acre	Seed Type	lbs/acre
ORCHARD GRASS	25	LADINO CLOVER	5
RED TOP CLOVER	15	KY 31	40
ANNUAL RYE	15	ANNUAL RYE	15

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 Miller*

Comments: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

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Title: OOG Inspector Date: 8-14-18

Field Reviewed? ( ) Yes (  ) No

N/A

WW-9- GPP  
Rev. 5/16

Page 1 of 2  
API Number 47 - \_\_\_\_\_ - \_\_\_\_\_  
Operator's Well No. \_\_\_\_\_

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.

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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WV Department of  
Environmental Protection

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.

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N/A

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.

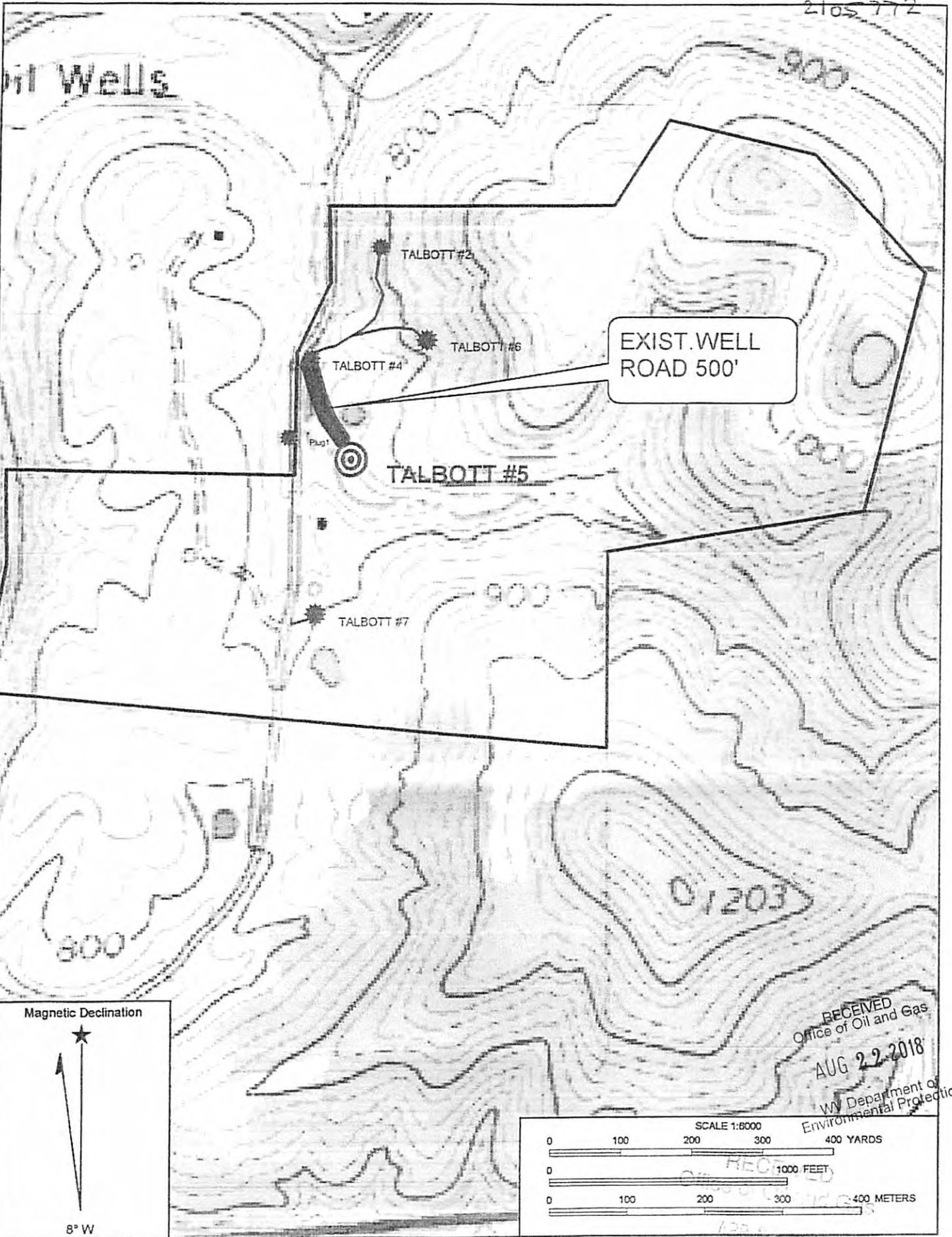
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8. Provide provisions and frequency for inspections of all GPP elements and equipment.

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Environmental Protection

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

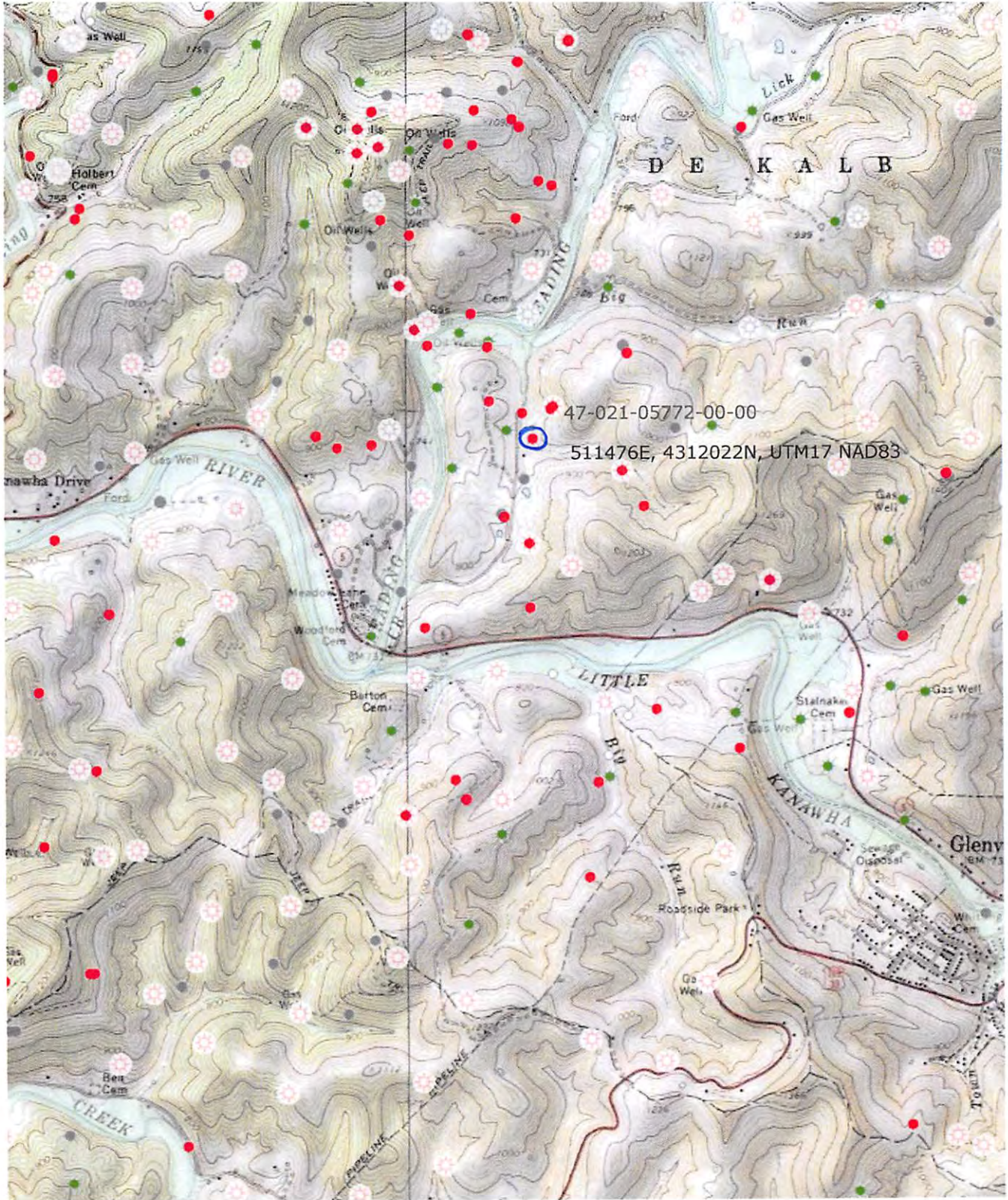
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09/07/2018

WW-7  
8-30-06



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

API: 47-021-5772 WELL NO.: TALBOTT 5

FARM NAME: CHARLES E. TALBOTT

RESPONSIBLE PARTY NAME: ROY G. HILDRETH & SON, INC.

COUNTY: GILMER DISTRICT: DEKALB

QUADRANGLE: GLENVILLE

SURFACE OWNER: CHARLES E. TALBOTT

ROYALTY OWNER: CHARLES E. TALBOTT

UTM GPS NORTHING: ~~712,702~~ 4312022 N

UTM GPS EASTING: ~~2,006,166~~ 511476 E GPS ELEVATION: 773', or 235.6104 METERS

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:

- Datum: NAD 1983, Zone: 17 North, Coordinate Units: meters, Altitude: height above mean sea level (MSL) – meters.
- Accuracy to Datum – 3.05 meters
- Data Collection Method:  
Survey grade GPS \_\_\_\_: Post Processed Differential \_\_\_\_  
Real-Time Differential \_\_\_\_  
Mapping Grade GPS \_\_\_\_: Post Processed Differential \_\_\_\_  
Real-Time Differential \_\_\_\_

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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.  
Jon C. Williams SECRETARY 8/10/2018  
Signature Title Date