



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, September 12, 2018
WELL WORK PLUGGING PERMIT
Vertical Plugging

TEAVEE OIL & GAS, INC.
112 BROOKS STREET

CHARLESTON, WV 253010000

Re: Permit approval for C-15
47-079-00743-00-00

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 handwritten signature in blue ink, appearing to read 'James A. Martin', is written over the printed name and title.

Operator's Well Number: C-15
Farm Name: TURNER HEIRS
U.S. WELL NUMBER: 47-079-00743-00-00
Vertical Plugging
Date Issued: 9/12/2018

Promoting a healthy environment.

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 6-26, 2018
- 2) Operator's
Well No. R.L. Turner (C-15)
- 3) API Well No. 47-079-00743

**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 XX / Liquid injection ___ / Waste disposal ___ /
(If "Gas, Production XX or Underground storage ___) Deep XX / Shallow ___
- 5) Location: Elevation 179.155 meters (588') Watershed Poca River
District Pocatalico County Putnam Quadrangle Charleston
- 6) Well Operator Teavee Oil & Gas Inc. 7) Designated Agent Duane K. Bowers
Address PO Box 27 Address PO Box 27
Winfield, WV 25213 Winfield, WV 25213
- 8) Oil and Gas Inspector to be notified 9) Plugging Contractor
Name Allen Flowers Name Not yet determined
Address 165 Grassy Lick Lane Address _____
Liberty, WV 25124

10) Work Order: The work order for the manner of plugging this well is as follows:
 RIH to check wellbore conditions. RIH with tubing to 5,250', gel hole to 1,000'. Set Latex BHP from 5,300'-5,200' if unable to remove, holes will be ripped across production zone and cemented. Pull tubing, attempt to cut & pull 4.5" casing @ 4,600' if unable to remove casing, holes will be ripped and set plug across hydrocarbon bearing zone from 4,700'-4,400'. Pull tubing up & set plug across Brown Shale @ 3,300'-3,200'. then set latex plug across Berea Sand @ 2,100'-2,000'.
 POOH, attempt to cut & pull 6.625" casing @ 1,160' if unable to pull, holes will be ripped at designated plugging areas. RIH with tubing & set cement Plug @ 1,755'-1,655'. Pull up and set cement plug @ 1,200'-1,100'. Pull up & set next plug from 400'-300' across H2O bearing zone.
 Lastly, pull up and set final cement plug from 150'. Install 7" monument, labeled with API# & plugged date. Rig down equipment and fluid tanks, reclaim all effected property, seed & mulch entire location. If any casing is unable to be removed, holes will be ripped @ all necessary plug depths. Plugs across water bearing zones extend 50' above & below the zones of interest. Removal of conductor casing will be attempted also.

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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  Date 7-11-18.



TEAVEE OIL & GAS, INC.

DRILLING, PRODUCTION,
STORAGE, WELL SERVICING

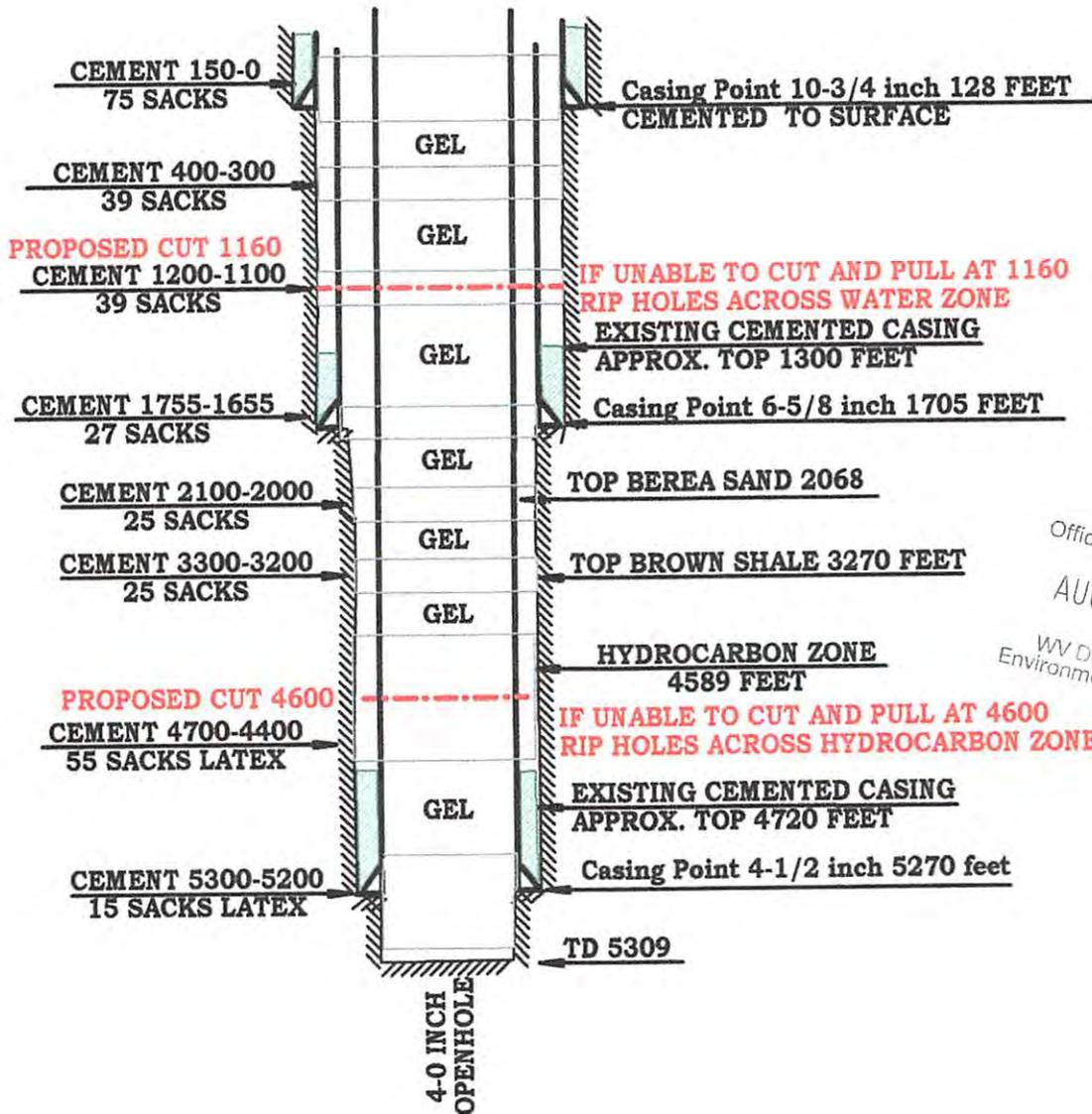
CORPORATE OFFICES

P. O. BOX 27
WINFIELD, W. VA. 25213
(304) 586-9699
FAX 586-9467

112 BROOKS STREET
CHARLESTON, W. VA. 25301
(304) 342-2125
FAX 342-6752

47-079-00743-P R. L. TURNER C-15
POCA DISRTICT PUTNAM COUNTY WV

WELL PLUGGING SCHEMATIC



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RL, 9-11-18



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION
10
WELL RECORD

Rotary
Spudder
Cable Tools
Storage

Quadrangle Charleston
Permit No. PUT-743

Oil or Gas Well (KIND)

Company V. Courtlandt Smith II
Address 1901 Kanawha Valley Building, Chas. W. Va.
Farm d. L. Turner Acres 61
Location (waters) Poca River
Well No. C-15 Elev. 590
District Pocatalido County Putnam
The surface of tract is owned in fee by d. L. Turner
ETAL Address _____
Mineral rights are owned by d. L. Turner ETAL
Address _____
Drilling commenced 3-27-68
Drilling completed 6-7-68
Date Shot _____ From _____ To _____
With _____
Open Flow /10ths Water in Not taken Inch _____
/10ths Merc. in Inch _____
Volume 1,000 M.c.f. Est. Cu. Ft. _____
Rock Pressure 1,000 # lbs. 30 Min. Kk. _____
Oil _____ bbls. 1st 24 hrs. _____
WELL ACIDIZED (DETAILS) No
WELL FRACTURED (DETAILS) No

Casing and Tubing Size	Used in Drilling	Left in Well	Packers
16			Kind of Packer
13			Size of
10	128' 4"	128' 4"	Depth set
8 1/4			
6 3/4	1705.3'	1705.3'	
5 3/16			
4 1/4	5270.7'	5270.7'	
3			
Wp. Set	5309	5309	Perf. top
Liners Used			Perf. bottom
			Perf. top
			Perf. bottom

Attach copy of cementing record. 4-17-68
CASING CEMENTED 10" size 128' No. Ft. 5-22-68 Day
4 1/2" 5270' 55 sacks cement 18 aquagel 7" 1701'
Amount of cement used (bags) 30 sacks cement 4 aquagel
Name of Service Co. Well Service, Inc.
COAL WAS ENCOUNTERED AT none FEET INCHES
FEET INCHES FEET INCHES
FEET INCHES FEET INCHES

RESULT AFTER TREATMENT (Initial open Flow or bbls.) _____
ROCK PRESSURE AFTER TREATMENT _____ HOURS _____
Fresh Water _____ Feet _____ Salt Water _____ Feet _____
Producing Sand _____ Depth _____

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Red Clay	Red		Surface	10			
Sand			10	35			
Red Rock			35	50			
Black Slate			50	100			
Blue Slate			100	180			
Black Slate			180	200			
Sand			200	210			
Red Rock			210	220			
Black Slate			220	370			
White Slate	Limey	Limey	370	490			
Black Slate			490	530			
White Slate			530	547			
Sand			547	568			
Lime	Sandy	Sandy	568	580			
Black Slate			580	595			
Limey		Sand	595	610			
Blue Slate		Slate	610	670			
Black		Slate	670	740			
Sand			740	750			
Black Slate		Slate	750	790			
White Slate		Slate	790	820			
Slate Black			820	842			
Sand			842	852			
Slate Black			852	870			
Slate			870	980			
Sand & Lime			980	1,150			
Sand		Sharp	1,150	1,350			
Slate			1,350	1,355			
Sand			1,355	1,385			

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JUL 1968
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West Virginia
Dept. of Mines

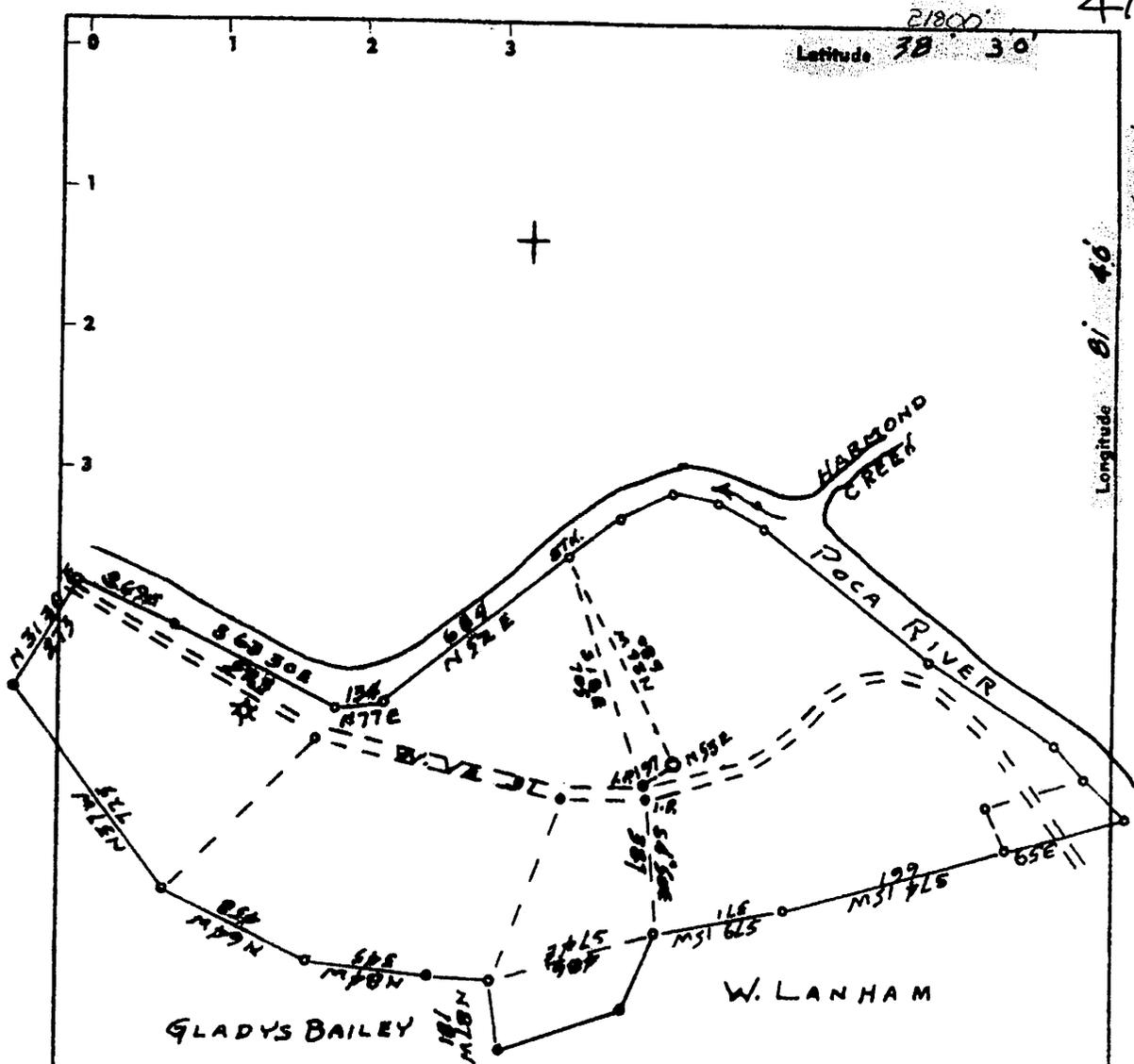
Formation	Color	Hard or Soft	Top 10	Bottom	Oil, Gas or Water	Depth Found	Remarks
Limey Sand			1,385	1,390			
Sand coarse		Hard	1,390	1,417			
Slate Black		Soft	1,417	1,422			
Big Lime			1,422	1,587			
Injun Sand			1,587	1,668			
Slate & Shells			1,668	2,062			
Brown Shale			2,062	2,068			
Berea Sand			2,068	2,094			
Slate & Shells			2,094	3,270			
Brown Shale			3,270	3,826			
White Slate			3,826	4,136			
Shale			4,136	4,198			
White Slate			4,198	4,260			
Shale Marcellus			4,260	4,489			
Corniferous			4,489	5,304		4,805	Sulfur Gas
New Berg			5,304	5,309		5,304	Newburg Gas
TOTAL DEPTH				5,309			

4489
590

3899

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Date July 16, 1968
APPROVED V. COURTLANDT SMITH II
Owner
(Title)



Faint, illegible text, possibly a title or description of the map.

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- New Location .
- Drill Deeper
- Redrill
- Abandonment

"I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all the information required by paragraph 8 of the rules and regulations of the oil and gas section of the mining laws of West Virginia."

Company Y. COURTLAND SMITH II
 Address CHARLESTON, W. VA
 Farm B. L. TURNER ETAL.
 Tract. Acres 61 Lease No.
 Well (Farm) No. 2 Serial No. C-15
 Elevation (Spirit Level) 590.
 Quadrangle CHARLESTON
 County PUTNAM District POCA
 Engineer JOHN GALPIN
 Engineer's Registration No. 875
 File No. Drawing No.
 Date 2/12/68 Scale 1" = 400'

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION
CHARLESTON
WELL LOCATION MAP
FILE NO. PUT-743 ✓

Denotes location of well on United States Topographic Maps, scale 1 to 62,500, latitude and longitude lines being represented by border lines as shown.
 Denotes one inch spaces on border line of original tracing.

47-079-00743P

WW-4A
Revised 6-07

1) Date: 6/26/2018
2) Operator's Well Number
R.L. Turner (C-15)
3) API Well No.: 47 - 079 - 00743

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>Johnny & Wanda Thomas</u>	Name <u>N/A</u>
Address <u>7059 Poca River Rd</u>	Address _____
<u>Poca WV 25219</u>	_____
(b) Name _____	(b) Coal Owner(s) with Declaration
Address _____	Name <u>N/A</u>
_____	Address _____
(c) Name _____	Name _____
Address _____	Address _____
6) Inspector <u>Alan Flowers</u>	(c) Coal Lessee with Declaration
Address <u>165 Grassy Lick Lane</u>	Name <u>N/A</u>
<u>Liberty, WV 25124</u>	Address _____
Telephone <u>(304)552-8308</u>	_____

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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.

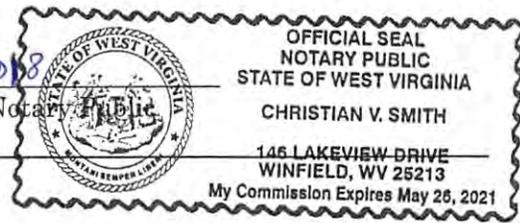
Take notice that under Chapter 22-6 of the West Virginia Code, the undersigned well operator proposes to file or has filed this Notice and Application and accompanying documents for a permit to plug and abandon a well with the Chief of the Office of Oil and Gas, West Virginia Department of Environmental 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 Teavee Oil & Gas
 By: Duane K. Bowers
 Its: Designated Agent
 Address P.O. Box 27
Winfield, WV 25213
 Telephone (304)586-9699

Duane K. Bowers

Subscribed and sworn before me this 26th day of June 2018

My Commission Expires May 26th 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.

WW-9
(5/16)

API Number 47 - 079 - 00743
Operator's Well No. C-15

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

Operator Name Teavee Oil & Gas Inc. OP Code 306769

Watershed (HUC 10) Poca River Quadrangle Pocatalico, West Virginia

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: Yes, Fluids will be held/measured in tanks at surface creating a closed loop system.

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

-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) Cement

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

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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 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.

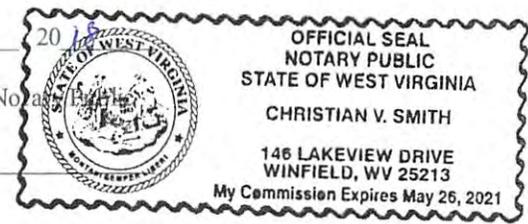
Company Official Signature *Duane K. Bowers*

Company Official (Typed Name) Duane K. Bowers

Company Official Title Designated Agent

Subscribed and sworn before me this 28th day of June
[Signature]

My commission expires my 28th 2021



Proposed Revegetation Treatment: Acres Disturbed 1.5 Prevegetation pH 6.5

Lime 2 Tons/acre or to correct to pH 7

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

Kentucky 31 Tall Fescue 50#

Winter Wheat 100#

Ladino Clover 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: Allen O. Flowers

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Comments:

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Mulch & Fescue all around
areas. Insure proper contouring
(650 ft. to road level)
29th. Notice to inspect before
Site work begins.

Title: State Inspector

Date: 9-11-18

Field Reviewed? Yes No

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

Operator Name: Teavee Oil & Gas Inc.
Watershed (HUC 10): Pocatalico River Quad: Pocatalico WV
Farm Name: R. L. Turner

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

See our attached approved treatment process. *N/A, WILL SEND ALL WELL EFFLUENT TO WV O&G. BAKING GATHERING SERVICES FOR DISPOSAL, gwm*
There is nothing in our plugging procedure that will contaminate the ground water. Above ground storage tanks will be utilized for the plugging operations to capture and safely contain all recovered fluids.

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

Above ground storage tanks will be utilized and placed inside containment barriers to capture and prevent any spills from contacting the ground.

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

Pocatalico River is 670' from the well head.

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

None

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

N/A

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

This is a plugging operation, no drill cuttings are anticipated, All fluids will be hauled to our central gathering tank farm and WV Oil & Brine Gathering Services will inject the liquids into their wells. All Crude oil will be skimmed and barreled, for sale. No waste material will be used for deicing or fill material at this location or 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.

All company employees are trained in house to identify leaks from the well head and flow lines, as well as equipment leaks. Operator qualifications on spill materials is part of our training mission. All contractors will be held responsible to meet or exceed all company operations and safety protocol.

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

Daily Inspections of all flow lines and tanks along with all other associated equipment will be inspected for leaks and or spills. Spills will be promptly and securely controlled, cleaned, disposed of, and reported to the proper personnel. Containment will be used under all flow lines to help prevent leaks from contracting the ground.

Signature: Duane H. Bowers

Date: June 26, 2018



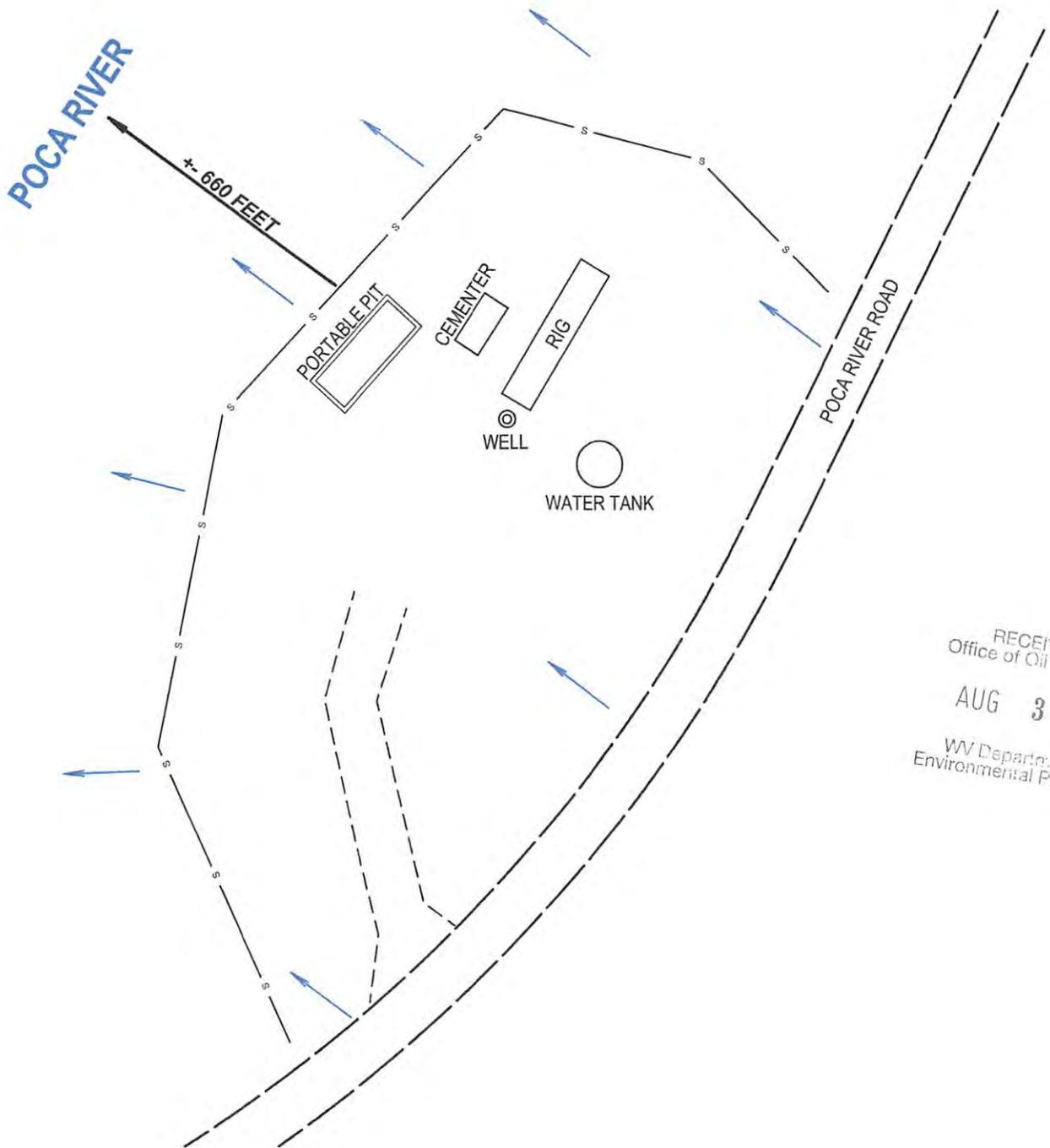
TEAVEE OIL & GAS, INC.

DRILLING, PRODUCTION,
STORAGE, WELL SERVICING

CORPORATE OFFICES

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FAX 342-6752



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(BANCROFT)



POCOTALICO QUADRANGLE
WEST VIRGINIA
TOPOGRAPHIC SERIES (ROMANCE)

081° 44' 53.5347" W
038° 28' 09.1917" N

(SISSONVILLE)

47-079-00743 P

081° 43' 56.6669" W
038° 28' 09.1917" N



(ST ALBANS)

(BIG CHIMNEY)

47-079-00743

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038° 28' 06.1329" N
081° 44' 53.5347" W

(CHARLESTON WEST)
SCALE 1:9028

Printed Wed Jun 20, 2018
038° 28' 06.1329" N
081° 43' 56.6669" W

(ALUM CREEK)

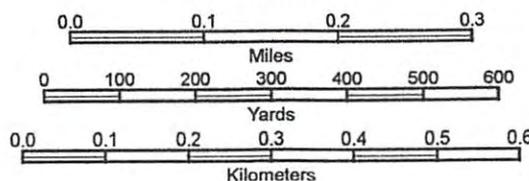
(CHARLESTON EAST)

Produced by Trimble Terrain Navigator Pro
Topography based on USGS 1:24,000
Maps

North American 1983 Datum (NAD83)

To place on the predicted North American
1927 move the projection lines 10M N and

Declination



38081-D5-TM-024
POCOTALICO, WV
JAN 1, 1999



West Virginia Department of Environmental Protection
Office of Oil and Gas

WELL LOCATION FORM: GPS

API: 47-079-00743-P WELL NO: R. L. TURNER C-15

FARM NAME: R. L. TURNER

RESPONSIBLE PARTY NAME: TEAVEE OIL & GAS, INC.

COUNTY: PUTNAM COUNTY DISTRICT: POCA DISTRICT (POCATALICO)

QUADRANGLE: POCATALICO, WEST VIRGINIA

SURFACE OWNER: JOHNNY & WANDA THOMAS

ROYALTY OWNER: TURNER HEIRS

UTM GPS NORTHING: 4259038.017 METERS

UTM GPS EASTING: 17 435279.826 METERS GPS ELEVATION: 179.155 METERS (588')

The responsible party named above has chosen to submit GPS coordinates in lieu of preparing a new well location plat for a plugging permit 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:

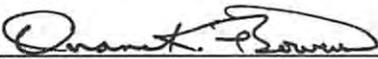
Survey grade GPS : Post Processed Differential
Real-Time Differential

Mapping Grade GPS : Post Processed Differential
Real-Time Differential

4. Letter size copy of the topographic 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.

DUANE K. BOWERS PS 1995


Signature
5/16/2018
Date

PROFESSIONAL SURVEYOR
Title



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WV Department of
Environmental Protection