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**west virginia** department of environmental protection

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

Earl Ray Tomblin, Governor  
Randy C. Huffman, Cabinet Secretary  
www.dep.wv.gov

July 17, 2015

**WELL WORK PLUGGING PERMIT**

**Plugging**

This permit, API Well Number: 47-7900585, issued to TEAVEE OIL & GAS, INC., 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 all 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. The above named operator will also file, as required in WV Code 22-6-23, an affidavit on form WR-38 by two experienced persons in the operator's employment and the Oil and Gas inspector that the work authorized under this permit was performed and a description given. Failure to abide by all statutory and regulatory provisions governing all duties and operations here under may result in suspensions or revocation of this permit and in addition may result in civil and/or criminal penalties being imposed upon the operator.

This permit will expire in two (2) years from date of issue. If there are any questions, please free to contact me at (304) 926-0499 ext. 1654.

James Martin

Chief

Operator's Well No: 1

Farm Name: MANNING, JOHN R.& DOROTHY

**API Well Number: 47-7900585**

**Permit Type: Plugging**

Date Issued: 07/17/2015

**Promoting a healthy environment.**

**07/17/2015**

## 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.

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### 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.

7900585A

WW-4B  
Rev. 2/01

- 1) Date April 28, 2015
- 2) Operator's Well No. J. R. Manning #1
- 3) API Well No. ~~47079-100585-D-P~~

Office of Oil and Gas

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

JUN 1 2 2015

APPLICATION FOR A PERMIT TO PLUG AND ABANDON WV Department of  
Environmental Protection

4) Well Type: Oil \_\_\_ / Gas XXX / Liquid injection \_\_\_ / Waste disposal \_\_\_  
(If "Gas, Production XXX or Underground storage \_\_\_) Deep XXX / Shallow \_\_\_

5) Location: Elevation 575 feet Watershed Poca River  
District Poca County Putnam Quadrangle Saint Albans

6) Well Operator Teavee Oil & Gas, Inc. 7) Designated Agent Duane Bowers  
Address 112 Brooks Street Address P. O. Box 27  
Charleston, WV 25301 Winfield, WV 25213

8) Oil and Gas Inspector to be notified Name Jamie Stevens 9) Plugging Contractor Name Well Service Co, Div. Teavee Oil & Gas  
Address 105 Kentuck Road Address P. O. Box 27  
Kenna, WV 25248 Winfield, WV 25213

10) Work Order: The work order for the manner of plugging this well is as follows:  
Move rig to location rig up dig pit and line. Freepoint and or pull tubing to 4400, Gel hole to 1600' cement 4400-4500,  
cement 3250-3350, cement 2000-2100, Cut and or pull 5 inch casing to 1400, cement 1590-1690, pull remaining 5 inch  
Cut and or pull 7 inch to 400', cement 1370-1470, cement 990-1090, cement 500-600, pull remaing 7 inch to surface  
Cut and or pull 8-5/8 inch casing to surface, cement 150-250, cut and or pull and or perforate 10-3/4 inch casing, cement  
surface to 150. Set 7 inch monument with API # and Date welded on the side of the monument, skim oil from pit, treat pit, discharge  
pit, rig down and move, reclaim location, lease road, remove all metering facilities, tanks and associated fittings above ground.

6% GEL BETWEEN ALL CEMENT PLUGS.

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

Work order approved by inspector Jamie Stevens Date June 1, 2015

07/17/2015



7900585P



# TEAVEE OIL & GAS, INC.

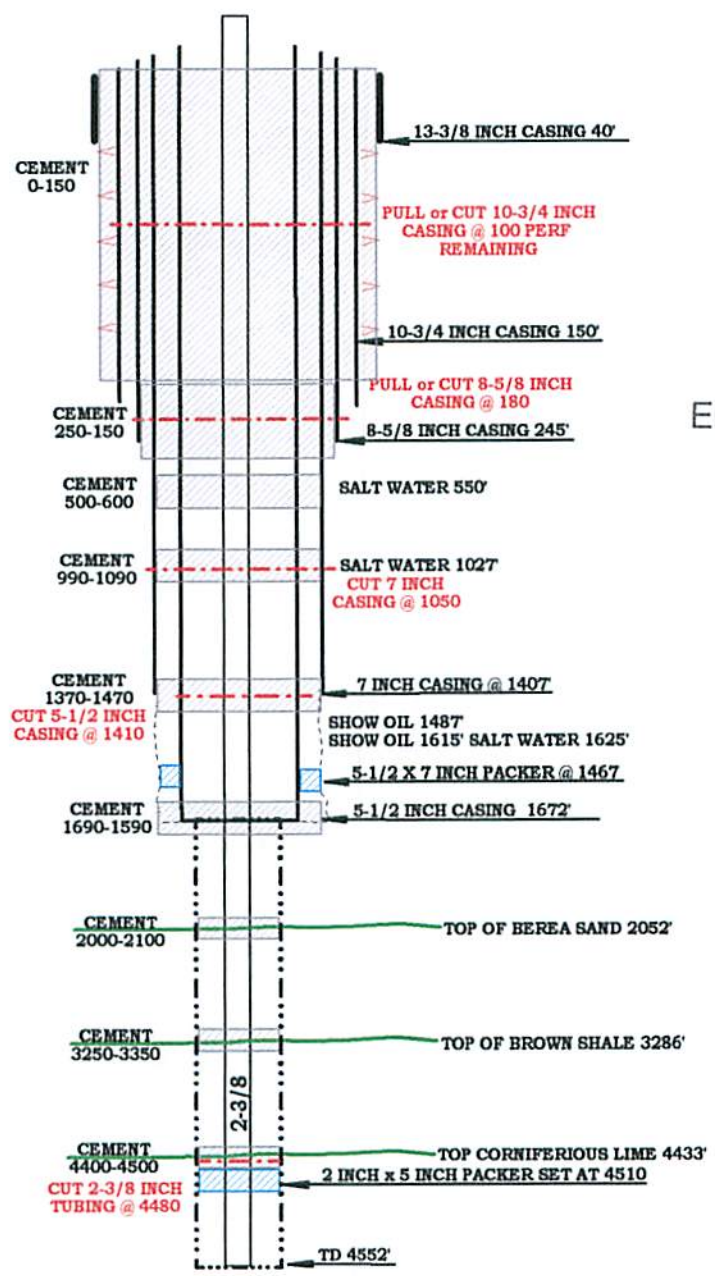
DRILLING, PRODUCTION,  
STORAGE, WELL SERVICING

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

## 47-079-00585-D-P J. R. MANNING #1 POCOTALICO DISTRICT, PUTNAM COUNTY, WV WELL PLUGGING SCHEMATIC



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JUN 12 2015  
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STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

79 005854  
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JUN 12 2015

WV Department of  
Environmental Protection

Quadrangle ST. ALBANS

WELL RECORD

Permit No. PUT-585

Oil or Gas Well Gas  
(KIND)

Company King Oil & Gas Company (F. R. Copper)  
Address Box 8275 - South Charleston, W. Va.  
Farm John R. & Dorothy Manning Acres 2  
Location (waters) Pocatalico River  
Well No. 1 Elev. 567.'  
District Pocatalico County Putnam  
The surface of tract is owned in fee by \_\_\_\_\_  
Address \_\_\_\_\_  
Mineral rights are owned by \_\_\_\_\_  
Address \_\_\_\_\_

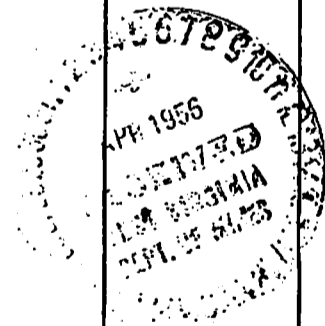
Drilling commenced September 30, 1955  
Drilling completed October 31, 1955  
Date Shot Acid From 1551' To 1560'  
With 2000 Gallons  
Open Flow /10ths Water in \_\_\_\_\_ Inch  
/10ths Merc. in \_\_\_\_\_ Inch  
Volume 12,000,000 Cu. Ft.  
Rock Pressure 540 lbs. 48 hrs.  
Oil \_\_\_\_\_ bbls., 1st 24 hrs.  
Fresh water 150-152 feet 201-207 feet  
Salt water 550-955 feet 1027' feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16			Kind of Packer
13	40'	40'	
10	150'	150'	Size of
8 1/2	245' 2450' 2450' 245'	2450'	Depth set
8%	1407'	1407'	
6%			
5 3/16			
3	1493'	1493'	Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED \_\_\_\_\_ SIZE \_\_\_\_\_ No. Ft. \_\_\_\_\_ Date \_\_\_\_\_

COAL WAS ENCOUNTERED AT \_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES \_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES \_\_\_\_\_ FEET \_\_\_\_\_ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Top Soil			0	10			
Sand & Gravel			10	50			
Red Rock			50	55			
Sand			55	70			
Slate			70	107			
Red Rock			107	120			
Slate			120	190			
Sand			190	201			
Slate & Sand			201	210			
Sand			210	278			
Slate			278	327			
Sand			327	350			
Slate			350	380			
Sand			380	440			
Slate & Sand			440	460			
Sand			460	500			
Slate & Sand			500	550			
Salt Sand			550	597			
Slate			597	610			
Sand			610	620			
Salt Sand			620	682			
Sand			682	690			
Slate & Sand			690	760			
Sand			760	825			
Slate			825	880			
Sand			880	930			
Salt Sand			930	952			
Sand			952	965			
S. Sand			965	971			
Sand			971	1361			
Little Lime			1361	1400			
BIG LIME			1400	1453			
Blue Slate			1453	1456			
Lime			1456	1457			
Chalk - White			1457	1460			



Gas after 2000 gallon acid, gaged 60/10 Hg. 3"

07/17/2015

Lime very hard - 1438-1448'  
Gas 1451, 1453 and 1454  
Inverted Hook Wall Packer with 16 "  
Reg. Rubber - set on 3" tubing at 1429'



7900588P



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

RECEIVED Office of Oil and Gas JUN 12 2015 WV Department of Environmental Protection

Quadrangle St. Albans Permit No. PUT-585D

Oil or Gas Well Gas (KIND)

Company V. Courtlandt Smith, II Address 1901 Kanawha Valley Bldg., Chas., W.Va. Farm John R. & Dorothy Manning Acres 2 Location (waters) Poca River Well No. C-6 Elev. 567 District Poca County Putnam The surface of tract is owned in fee by J. R. Manning Mineral rights are owned by Same Drilling commenced September 19, 1962 Drilling completed January 7, 1963 Date Shot Not Shot From To With Open Flow 22 /10ths Water in 2 Inch /10ths Merc. in Inch Volume Cu. Ft. Rock Pressure Not Taken lbs. hrs. Oil bbls., 1st 24 hrs. WELL ACIDIZED WELL FRACTURED

Table with columns: Casing and Tubing, Used in Drilling, Left in Well, Packers. Rows include sizes 16, 13, 10, 8 1/4, 6 5/8, 5 3/16, 3, 2 and packer details like Kind of Packer Anchor, Size of 5 1/2" x 7.00" x 10" & 2" x 5 1/2" x 10", Depth set 1467' and 4510', Perf. top/bottom.

CASING CEMENTED SIZE No. Ft. Date COAL WAS ENCOUNTERED AT FEET INCHES FEET INCHES FEET INCHES

RESULT AFTER TREATMENT

ROCK PRESSURE AFTER TREATMENT

Fresh Water Feet Salt Water Feet

Main geological log table with columns: Formation, Color, Hard or Soft, Top, Bottom, Oil, Gas or Water, Depth, Remarks. Includes entries like Commenced Drilling, Lime, Sandy Lime, Slate, etc., and a circular 'RECEIVED' stamp from Feb 1963.



16500

79005854

13700

Latitude 38 30

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JUN 12 2015

WV Department of  
Environmental Protection

ROSETTA  
SMITHSON

C. L. ASBURY

OLD IRON PIN  
336.7'

VA. STATE ROUTE  
201

POCOTALICO  
RIVER

OLD IRON PIN  
N63°08'E

J. R. MANNING  
2 Ac. ±

558°02'E  
96.7'

PROPOSED WELL  
LOCATION

N24°46'E  
178.3'

446.9' OLD IRON PIN

563°44' W.  
OLD IRON PIN

N2°25' W  
214.4'

CABOT  
WELL #1

7.5 mi

TO BE DRILLED DEEPER BY:

V. COURTLANDT SMITH, II  
1901 KANAWHA VALLEY BUILDING  
CHARLESTON 1, WEST VIRGINIA  
9-4-62

New Location   
Drill Deeper   
Abandonment

Company KING OIL & GAS CO.  
Address SOUTH CHARLESTON, W. VA.  
Farm MANNING #1  
Tract \_\_\_\_\_ Acres 2 ± Lease No. \_\_\_\_\_  
Well (Farm) No. ONE Serial No. \_\_\_\_\_  
Elevation (Spirit Level) 567  
Quadrangle ST. ALBANS - 1 - NE  
County PUTNAM District POCOTALICO  
Engineer HOLSCLAW-BOWEN ENG'R. CO.  
JOHN A. HOLSCLAW  
Engineer's Registration No. 1341  
File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_  
Date AUG. 28. 1955. Scale 1" = 100'

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

WELL LOCATION MAP

FILE NO. PUT-585-D

07/17/2015

+ Denotes location of well on United States  
Topographic Maps, scale 1 to 62,500. lat-  
itude and longitude lines being represented  
by border lines as shown.

- Denotes one inch spaces on border line  
of original tracing.

79 00585P

WW-4A  
Revised 6-07

1) Date: April 28, 2015  
2) Operator's Well Number  
J. R. Manning #1  
3) API Well No.: 47 - 079 - 00585 -D-P

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

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Office of Oil and Gas  
JUN 12 2015  
WV Department of  
Environmental Protection

4) Surface Owner(s) to be served:	5) (a) Coal Operator
(a) Name <u>Christopher K. McClanahan</u>	Name <u>[Signature]</u>
Address <u>493 DuPont Road</u>	Address _____
<u>Poca, WV 25159</u>	
(b) Name _____	(b) Coal Owner(s) with Declaration
Address _____	Name <u>WV Department of</u>
	Address <u>Environmental Protection</u>
(c) Name _____	Name _____
Address _____	Address _____
6) Inspector <u>Jamie Stevens</u>	(c) Coal Lessee with Declaration
Address <u>105 Kentuck Road</u>	Name _____
<u>Kenna WV 25248</u>	Address _____
Telephone <u>304-206-7775</u>	Address _____

**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, Inc.  
 By: [Signature]  
 Its: Designated Agent  
 Address P. O. Box 27  
Winfield WV 25213  
 Telephone 304-586-9699

Subscribed and sworn before me this 28<sup>TH</sup> day of APRIL, 2015  
[Signature] Notary Public  
 My Commission Expires JULY 10, 2016

**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](mailto:depprivacyofficer@wv.gov).

07/17/2015



79 00585P

WW-9  
Rev. 5/08

Page \_\_\_\_\_ of \_\_\_\_\_  
API Number 47 - 079 - 00585-D-P  
Operator's Well No. J. R. Manning #1

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

CONSTRUCTION AND RECLAMATION PLAN AND SITE REGISTRATION APPLICATION FORM  
GENERAL PERMIT FOR OIL AND GAS PIT WASTE DISCHARGE

Operator Name Teavee Oil & Gas, Inc. OP Code 306769

Watershed Poca River Quadrangle Saint Albans WV

Elevation 575' County Putnam District Poca

Description of anticipated Pit Waste: Salt water, oil, bentonite gel, cement

Will a synthetic liner be used in the pit? Yes 20 yds.

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Office of Oil and Gas

Proposed Disposal Method For Treated Pit Wastes:

JUN 12 2015

- Land Application
- Underground Injection ( UIC Permit Number \_\_\_\_\_)
- Reuse (at API Number \_\_\_\_\_)
- Off Site Disposal (Supply form WW-9 for disposal location)
- Other (Explain \_\_\_\_\_)

WV Department of  
Environmental Protection

Proposed Work For Which Pit Will Be Used:

- Drilling
- Workover
- Other (Explain \_\_\_\_\_)
- Swabbing
- Plugging

I certify that I understand and agree to the terms and conditions of the GENERAL WATER POLLUTION PERMIT issued on August 1, 2005, 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 28<sup>th</sup> day of APRIL, 2015

*[Signature]*  
7/1/2015

*[Signature]*

Notary Public

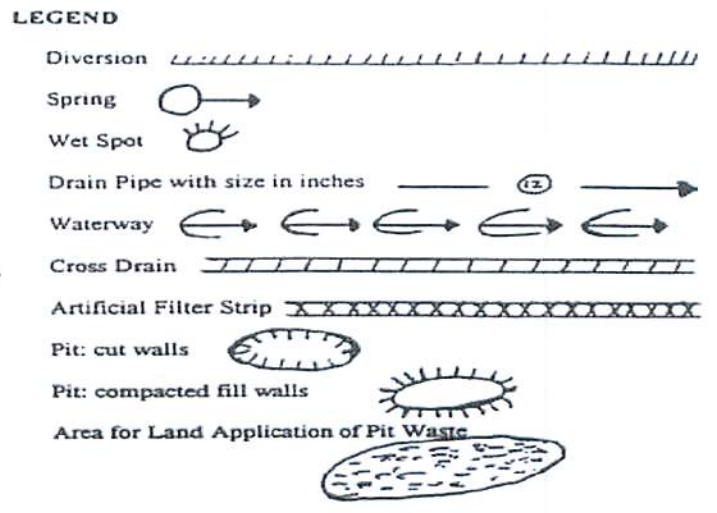
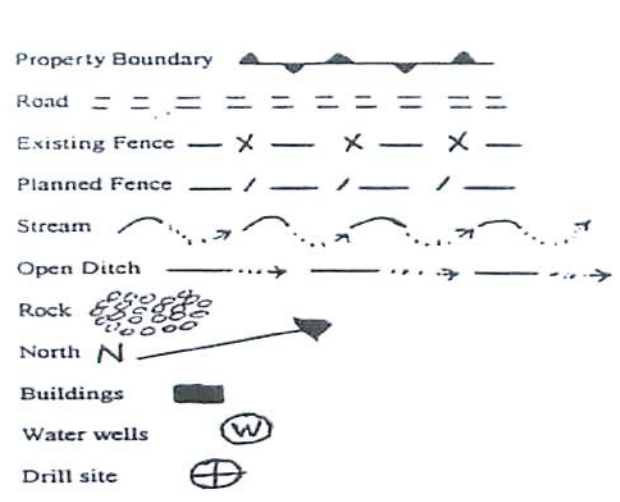
My commission expires JULY 10, 2016



7900585P

Form WW-9

Operator's Well No. J. R. Manning #1



Proposed Revegetation Treatment: Acres Disturbed < 1.00 acres Prevegetation pH 6.5  
 Lime 2 Tons/acre or to correct to pH 7.0  
 Fertilizer (10-20-20 or equivalent) 500 lbs/acre (500 lbs minimum)  
 Mulch 2 Tons/acre

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Seed Type	Area I	lbs/acre
Kentucky 31 tall Fescue		100
Ladino Clover		10
Wheat		100

Seed Type	Area II	lbs/acre
Kentucky 31 Tall Fescue		100
Ladino Clover		10
Wheat		100

Attach:  
 Drawing(s) of road, location, pit and proposed area for land application.

Photocopied section of involved 7.5' topographic sheet.

Plan Approved by: *Jamie Stevens*  
 Comments: \_\_\_\_\_

Title: *Inspector* Date: *6/1/2015*  
 Field Reviewed? (  ) Yes (  ) No

07/17/2015



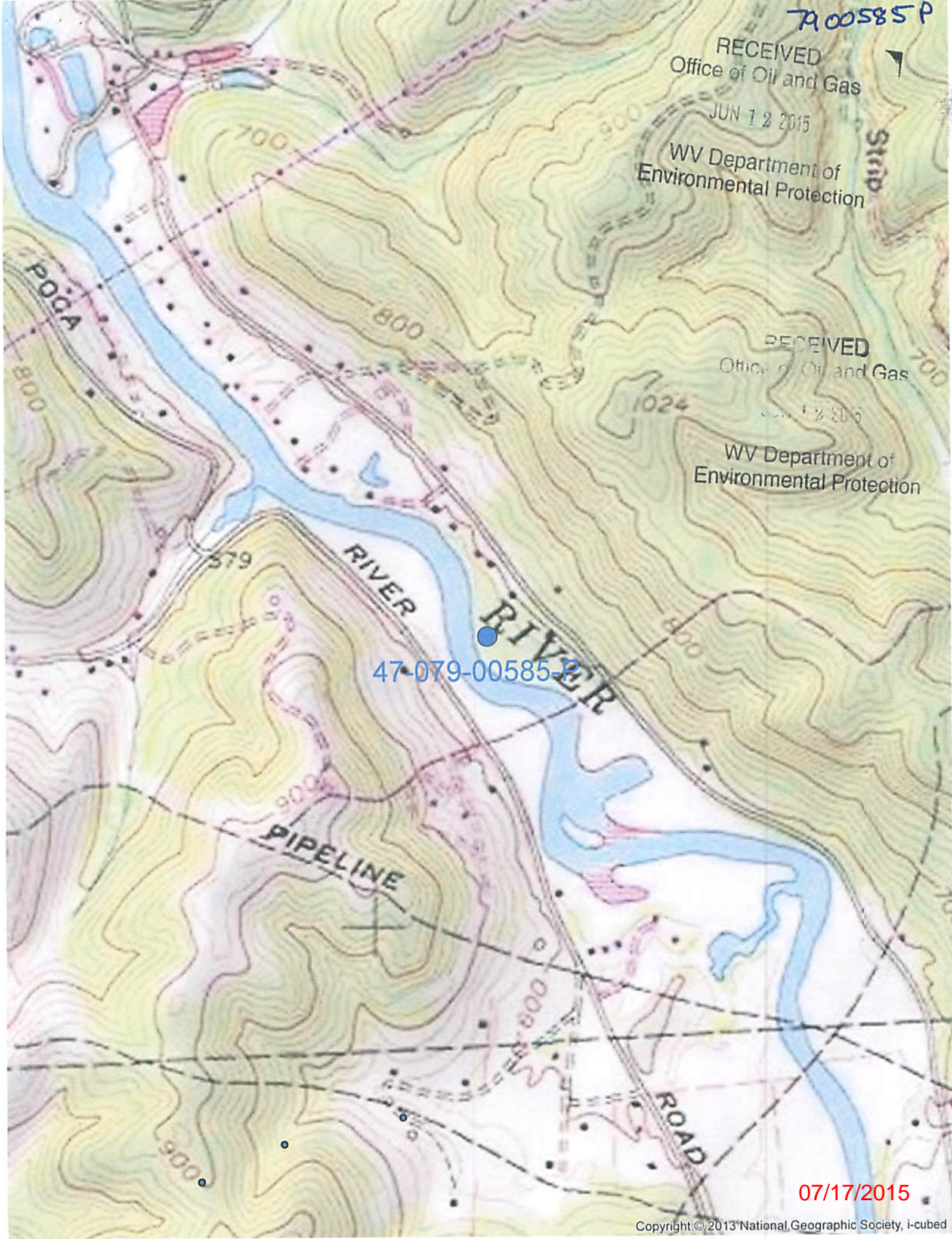
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47-079-00585-P

07/17/2015





7900585 P



West Virginia Department of Environmental Protection  
Office of Oil and Gas

WELL LOCATION FORM: GPS

API: 47-079-00585-P WELL NO: J. R. MANNING #1

FARM NAME: J. R. MANNING

RESPONSIBLE PARTY NAME: DUANE K. BOWERS DESIGNATED AGENT

COUNTY: PUTNAM COUNTY DISTRICT: POCA DISTRICT

QUADRANGLE: SAINT ALBANS, WEST VIRGINIA

SURFACE OWNER: CHRISTOPHER K. McCLANAHAN

ROYALTY OWNER: JOSEPH SHANK

UTM GPS NORTHING: 4257571.03 METERS

UTM GPS EASTING: 17 431155.11 METERS GPS ELEVATION: 175.13 METERS (575')

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 \_\_\_\_\_

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.

TEAVEE OIL & GAS, INC.

Signature  
05/27/2015  
Date

DESIGNATED AGENT  
Title



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WV Department of Environmental Protection



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