



west virginia department of environmental protection

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

June 11, 2015

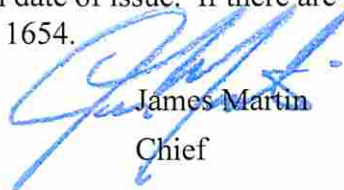
WELL WORK PLUGGING PERMIT

Plugging

This permit, API Well Number: 47-8702088, issued to TRIAD HUNTER, LLC, 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: O. D. STOCKLEY 171

Farm Name: STOCKLEY, O. D.

API Well Number: 47-8702088

Permit Type: Plugging

Date Issued: 06/11/2015

Promoting a healthy environment.

06/12/2015

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.

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.

47 087 020 88

WW-4A
Revised 6-07

1) Date: 1/20/2015
2) Operator's Well Number
O.D. Stockley # 171
3) API Well No.: 47 - 087 - 2088 *P*

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>Charles Drake</u>	Name <u>N/A</u>
Address <u>2549 Granny's Creek Road</u> <u>Ovapa, WV 25164</u>	Address _____
(b) Name _____	(b) Coal Owner(s) with Declaration
Address _____	Name <u>N/A</u>
(c) Name _____	Address _____
Address _____	Name _____
Address _____	Address _____
6) Inspector <u>Ed Gainer</u>	(c) Coal Lessee with Declaration
Address <u>P.O. Box 821</u>	Name <u>N/A</u>
<u>Spencer, WV 25276</u>	Address _____
Telephone <u>(304) 389-7582</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	<u>Triad Hunter, LLC</u>	Received Office of Oil & Gas MAR 16 2015
By:	<u>Rocky Roberts</u> <i>Rocky Roberts</i>	
Its:	<u>Senior V.P. Appalachian Operations</u>	
Address	<u>125 Putnam Street</u> <u>Marietta, Ohio 45750</u>	
Telephone	<u>(740) 374-2940</u>	

Subscribed and sworn before me this 22nd day of January, 2015
Elizabeth R. Tebay
 My Commission Expires 2-29-16
 Notary Public
 ELIZABETH R. TEBAY
 NOTARY PUBLIC
 In and For The State of Ohio
 My Commission Expires 2-29-16

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.

06/12/2015

4708702088
87-2087088

7014 0150 0000 9042 1286

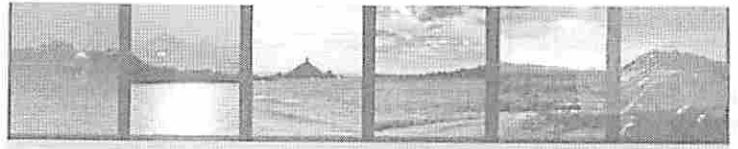
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OFFICIAL USE

Postage	\$		Postmark Here
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Return Receipt Fee (Endorsement Required)			
Restricted Delivery Fee (Endorsement Required)			
Total Postage & Fees	\$		



Sent To: Charles Drake
 Street, Apt. No., or PO Box No.: 2549 Granny's Creek Rd
 City, State, ZIP+4: Crana WY 25164
 PS Form 3800, August 2006 See Reverse for Instructions



Charles Drake

O.D. Stockley

170, (# 171)

(2 wells)

915 Greenbag Road
 Morgantown, WV 26506
 Toll Free 888.293.0001
 Fax 304.297.0263



www.morgantownprinting.com

803 Quarrier St. Suite 310
 Charleston, WV 25301
 Toll Free 888.293.0001
 Fax 304.343.0644

4708702088

WW-4B
Rev. 2/01

1) Date January 20, 2015
2) Operator's
Well No. O.D. Stockley # 171
3) API Well No. 47-087 - 2088

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 X / Waste disposal ___ /
(If "Gas, Production ___ or Underground storage ___) Deep ___ / Shallow ___
- 5) Location: Elevation 986' GL Watershed Granny's Creek
District Geary County Roane Quadrangle Newton
- 6) Well Operator Triad Hunter, LLC 7) Designated Agent Kim Arnold
Address 125 Putnam Street Address P.O. Box 154
Marietta, Ohio 45750 Waverly, WV 26184
- 8) Oil and Gas Inspector to be notified 9) Plugging Contractor
Name Ed Gainer Name N/A
Address P.O. Box 821 Address _____
Spencer, WV 25276

- 10) Work Order: The work order for the manner of plugging this well is as follows:
150' - 200' Bottom hole plug in 4 1/2" casing. across perforations
100' - Cut plug (4.5" csg.) Estimated cement top @ 1446'.
100' - Elevation plug @ 1000'.
100' - Surface casing plug @ 250'.
150' - Surface plug in 8 5/8" casing.

- Note! 1. All cement plugs - Class A cement.
2. Gel spacers between all cement plugs.
3. No coal seams reported.

Received
Office of Oil & Gas
MAR 16 2015

ERECT MONUMENT W/API # AFFIXED

GCS
6/9/15

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

Work order approved by inspector

Date

3/9/15

06/12/2015



4708702088

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED

FEB 11 1979

Oil and Gas Division
WELL RECORD 30

OIL & GAS DIVISION
DEPT. OF MINES
Rotary Oil _____
Cable _____ Gas _____
Recycling _____ Comb. _____
Water Flood Storage _____
Disposal _____ (Kind)

Quadrangle Newton 7.5'
Permit No. Roa-2088

Company <u>Pennzoil Company</u>	26101	Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Address <u>O. Box 1588, Parkersburg, WV</u>					
Farm <u>O. D. Stockly</u> Acres <u>4000</u>					
Location (waters) <u>Granny's Creek</u>					
Well No. <u>171</u> Elev. <u>986.10'</u>		Size			
District <u>Geary</u> County <u>Roane</u>		20-16			
The surface of tract is owned in fee by _____		Cond.			
<u>J. W. Gandee</u>		13-10"			
Address <u>Ovava, WV 25150</u>		9 5/8			
Mineral rights are owned by <u>Mr. Um. Hack, Agt.</u>		8 5/8	223	223	125 sks.
Address <u>City Bank, N.A., 399 Park Ave</u>		7			
Drilling Commenced <u>8-9-78</u> <u>New York, N.Y.</u>		5 1/2			
Drilling Completed <u>8-13-78</u>		4 1/2	1942	1942	100 sks.
Initial open flow _____ cu. ft. _____ bbls.		3			
Final production _____ cu. ft. per day _____ bbls.		2			
Well open _____ hrs. before test _____ RP.		Liners Used			

Well treatment details:

Attach copy of cementing record.

Fractured 10-22-78 w/163 BW, 1000# 20/40 sd., 250 Gal. 15% HCL
Water Injection Well

Coal was encountered at _____ Feet _____ Inches
Fresh water _____ Feet _____ Salt Water _____ Feet _____
Producing Sand Squaw _____ Depth _____

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Sand & Shale			0	102		
Shale			102	200		
Sand			200	324		
Shale			324	334		
Sand			334	352		
Shale			352	392		
Sand			392	524		
Shale			524	530		
Sand			530	538		
Shale			538	560		
Sand			560	574		
Shale			574	594		
Sand			594	614		
Shale			614	636		
Sand			636	682		
Shale			682	704		
Sand			704	712		
Shale			712	718		
Sand			718	730		
Shale			730	734		
Sand			734	746		
Shale			746	762		
Sand			762	846		
Shale			846	906		

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Office of _____
MAR 16 2015

(over)

* Indicates Electric Log tops in the remarks section.

4708702088

Formation	Color	Hard or Soft	Top Feet \approx	Bottom Feet	Oil, Gas or Water	Remarks
Sand			906	914		
Shale			914	972		
Sand			972	1000		
Shale			1000	1106		
Sand			1106	1178		
Shale			1178	1232		
Sand			1232	1436		
Shale			1436	1464		
Sand			1464	1602		
Shale			1602	1652		
Sand			1652	1665		
Little Lime			1665	1710		
Blue Monday			1710	1726		
Pencil Cave			1726	1748		
Big Lime			1748	1792		
Loyalhanna			1792	1860		
Keener			1860	1866		
Big Injun			1866	1892		
Shale			1892	1924		
Squaw			1924	1940		
Shale			1940	1952		
Total Depth				1952		
Plug Back Depth				1929		

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Office
MAR 1 1979

Date 2-14 1979

APPROVED Pennzoil Company Owner

W. L. Bueker
(Title) Eng. Dept.

06/12/2015

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 Triad Hunter, LLC OP Code 4944494833

Watershed Granny's Creek Quadrangle Newton

Elevation 986' GL County Roane District Geary

Description of anticipated Pit Waste: oil, saltwater, and freshwater

Will a synthetic liner be used in the pit? "No Pit"

Proposed Disposal Method For Treated Pit Wastes:

- Land Application
- Underground Injection (UIC Permit Number _____)
- Reuse (at API Number _____)
- Off Site Disposal (Supply form WW-9 for disposal location)
- Other (Explain Fluids collected in surface tank and hauled to Ovapa Injection Facility.)

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 [Handwritten Signature]

Company Official (Typed Name) Rocky Roberts

Company Official Title Senior V.P. Appalachian Operations

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Office of Oil & Gas

MAR 16 2015

Subscribed and sworn before me this 22nd day of January, 2015

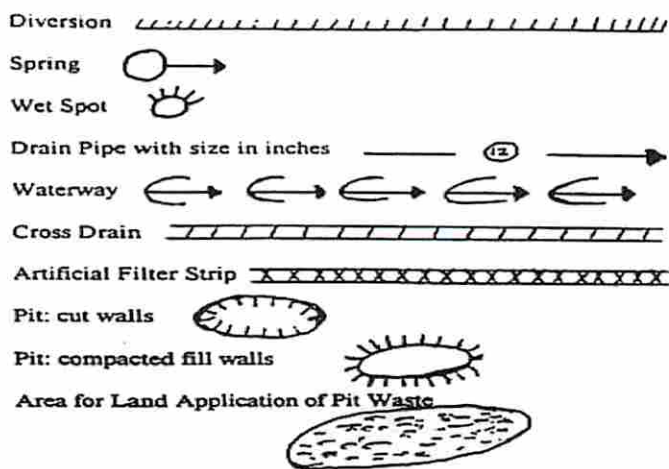
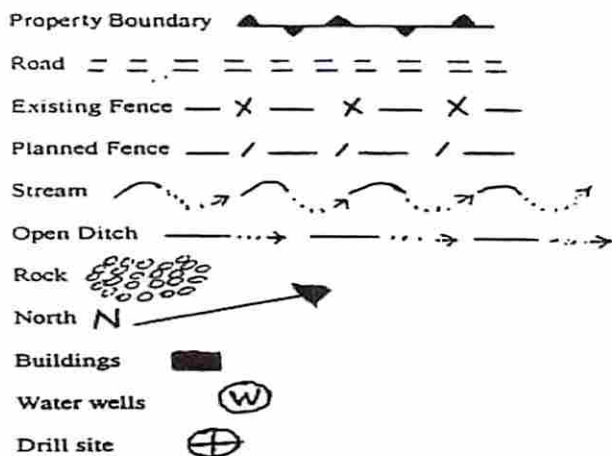
Elizabeth R. Tebay
Notary Public



ELIZABETH R. TEBAY
NOTARY PUBLIC
and For The State of Ohio
My Commission Expires
2-29-16

My commission expires 2-29-16

LEGEND



Proposed Revegetation Treatment: Acres Disturbed one (1) Prevegetation pH 5.5
 Lime Two (2) Tons/acre or to correct to pH 6.5
 Fertilizer (10-20-20 or equivalent) 500 lbs/acre (500 lbs minimum)
 Mulch (50 bales) 2.5 Tons/acre

Seed Mixtures

Seed Type	Area I lbs/acre	Seed Type	Area II lbs/acre
Orchard Grass	30%		
Rye (Annual & BT)	35%		
Timothy (Climax)	25%		
Clover (Med. Red)	10%		

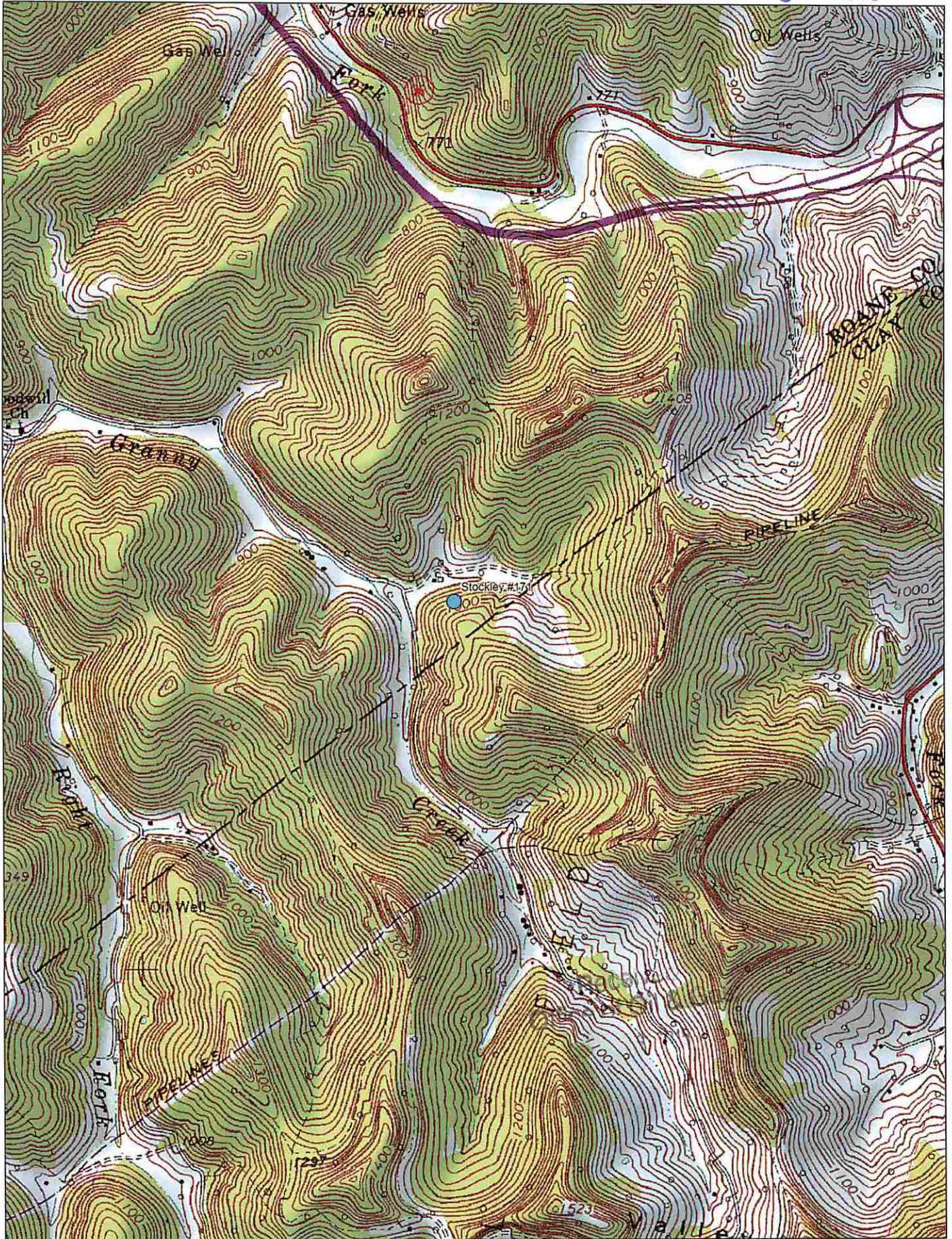
Attach:
 Drawing(s) of road, location, pit and proposed area for land application.

Photocopied section of involved 7.5' topographic sheet.

Plan Approved by: 
 Comments: _____

Title: Inspector Date: 3/9/15
 Field Reviewed? () Yes (X) No

Received
 Office
 Mr. [unclear]



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06/12/2015

WW-7
8-30-06



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

API: 47-087-02088 P WELL NO.: 171

FARM NAME: O.D. Stockley

RESPONSIBLE PARTY NAME: Triad Hunter, LLC

COUNTY: Roane DISTRICT: Geary

QUADRANGLE: Newton

SURFACE OWNER: Charles Drake

ROYALTY OWNER: Black Stone Minerals LLP

UTM GPS NORTHING: 4267195

UTM GPS EASTING: 486577 GPS ELEVATION: 1016

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

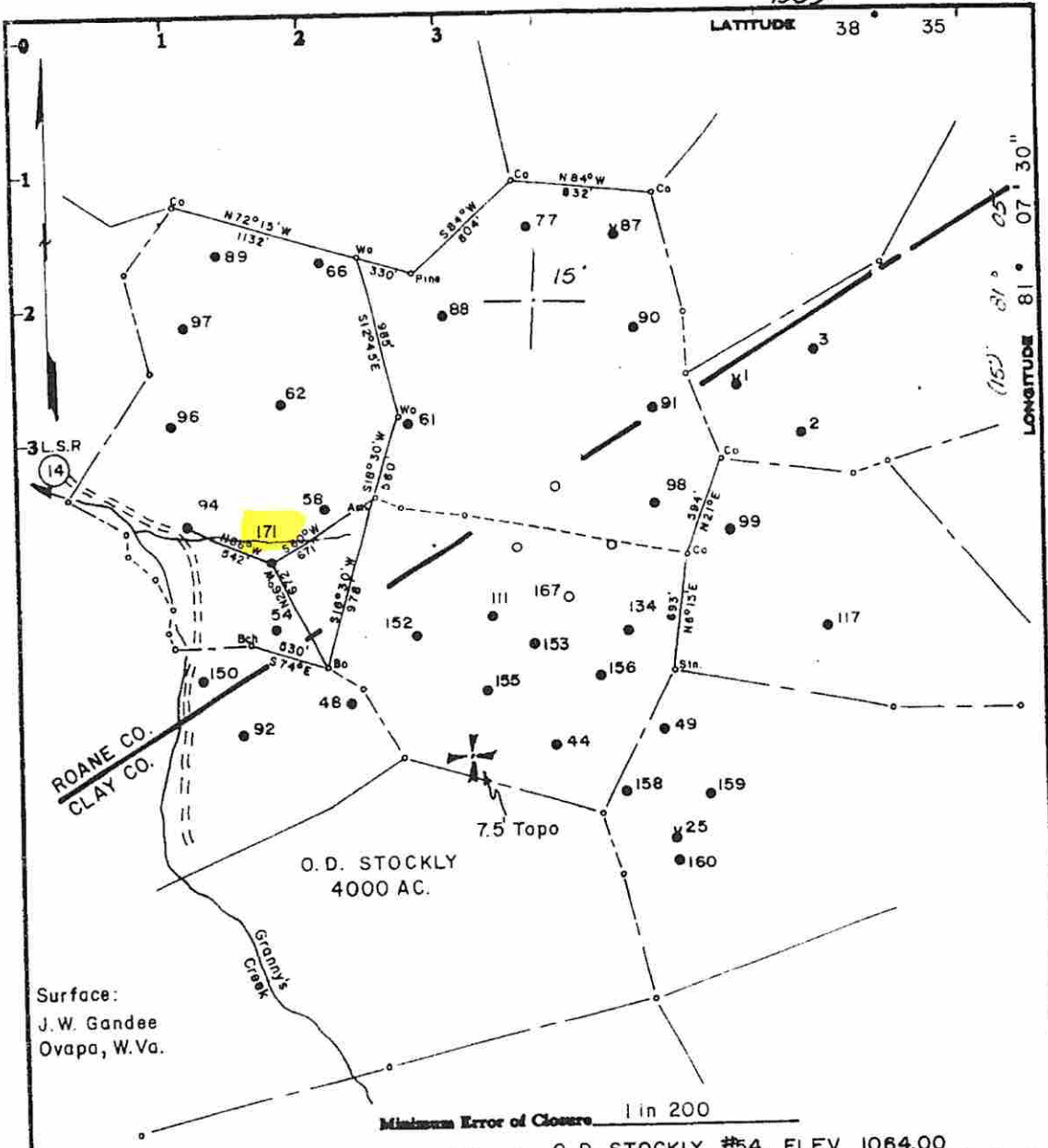
- Letter size copy of the topography map showing the well location.**

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.

Ben Smith
Signature

Geologist
Title

RECEIVED
Office of Oil and Gas
MAR 26 2015
3/17/15
Date
WV Department of
Environmental Protection



Surface:
J. W. Gandee
Ovapa, W. Va.

O. D. STOCKLY
4000 AC.

Minimum Error of Closure 1 in 200

Source of Elevation O. D. STOCKLY #54, ELEV. 1064.00

Fracture
 New Location Water Injection
 Drill Deeper
 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 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia.

Signed: Curtis A. Lucas
 Map No. 83 Squares: N S 61 E W 31

Company PENNZOIL COMPANY
 Address P. O. Box 1588, Parkersburg, W. Va. 26101
 Farm O. D. STOCKLY
 Tract Acres 4000 Lease No. 60643-50
 Well (Farm) No. 171 Serial No.
 Elevation (Spirit Level) 986.10
 Quadrangle NEWTON 7.5' OTTER 15'
 County ROANE District GEARY
 Surveyor CURTIS A. LUCAS
 Surveyor's Registration No. 275
 File No. 640 Drawing No.
 Date 4-10-1978 Scale 1" = 800

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

WELL LOCATION MAP
 FILE NO. ROA-2088

+ 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. **47-087**

Received
 Office of Oil & Gas
 MAR 16 2015

BRUNING 44 131 2719B

I Operator: TRIAD HUNTER, LLC
API: 8702088
WELL No: O. D. STOCKLEY 171
Reviewed by: GCS Date: 6/9/15
15 Day End of Comment: 03/24/15

CHECKLIST FOR FILING A PERMIT

Plugging

- WW-4B
- Inspector signature on WW-4B
- Completion / Well Records of Previous Work
- WW-4A (Notarized)
- Certified Mail Receipts, Waivers, or Affidavits of Personal Service
- Surface Owner Waiver
- Coal Owner / Lessee / Operator Waiver
- WW-9 (Page 1) (Notarized)
- Inspector Signature on WW-9 (Optional)
- Topographic Map of location of well
- WW-7

OR

- Mylar Plat (Surface owner on plat matches WW-4A)
- Bond
- Company is Registered with the SOS
- Worker's Compensation / Unemployment Insurance account is OK
- \$100.00 check (\$0.00 if no pit)

06/12/2015