



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

April 08, 2014

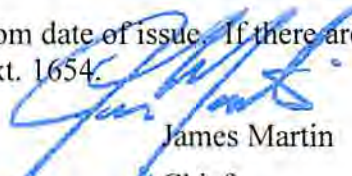
WELL WORK PLUGGING PERMIT

Plugging

This permit, API Well Number: 47-8507624, issued to JAY-BEE OIL & GAS, 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: FLANAGAN 10
Farm Name: WHITE, JAMES JR. & BROWN, N
API Well Number: 47-8507624
Permit Type: Plugging
Date Issued: 04/08/2014

Promoting a healthy environment.

04/11/2014

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 _____, 20____
2) Operator's
Well No. Flanagan 10
3) API Well No. 47-085 - 07624

CK 43132
100

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 X/ Liquid injection ____/ Waste disposal ____/
(If "Gas, Production ____ or Underground storage ____) Deep ____/ Shallow X

5) Location: Elevation 762' Watershed South Fork Hughes River
District Union 04 County Ritchie 85 Quadrangle Pullman 7.5' 562

6) Well Operator Jay-Bee Oil & Gas, Inc 7) Designated Agent _____
Address 3570 Shields Hill Rd Address _____
Cairo, WV 26337

8) Oil and Gas Inspector to be notified Name David Cowan 9) Plugging Contractor Name Jay-Bee Oil & Gas, Inc
Address 1597 Devil Hole Road Address 3570 Shields Hill Rd
Harrisville, WV 26362-7543 Cairo, WV 26337

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

Pull Inner Casing Strings as Required:

CEMENT MUST BE CLASS A
W/ NO MORE THAN 3% CaCl2
AND NO OTHER ADDITIVES

^{1700'} 1782'-~~1572'~~ 6% Gel, ^{1700'} ~~1572'~~-1472' Cement *BOTTOM HOLE & ACROSS CASING SEAT*

1472'-918' 6% Gel, 918'-^{718'} ~~818'~~ Cement *COW RUN & ELEVATION*

^{718'} ~~818'~~-400' 6% Gel, 400'-300' Cement *PITTSBURGH COAL*

300'-^{200'} ~~100'~~ 6% Gel, ^{200'} ~~100'~~-0' Cement *COVER 10" CASING SEAT*

RECEIVED
Office of Oil and Gas

Monument 3' above ground with a welded API

FEB 20 2014

WV Department of
Environmental Protection

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

Work order approved by inspector David Cowan Date 2-18-14

4708507624P
085-7624

NAME *Tranquill...* LEASE NO. _____ ACRES _____
 Kind of Well *Oil*
 County *W. Va.*
 State *W. Va.*
 Completed *1-15-02*
 Estimated *2-20-02*
 Contractor *Seneca Brown*
 Hydraulic Fracturing From *Seneca Oil Co.*
 Date Purchased
 Well Connected
 Sold To *Seneca Natural Gas Prod*
 Date Sold *March 1, 2003*
 Date Plugged
 Date Abandoned

\$ 30
Per Foot

RECORD				
Elevation at Mouth of Well				
Formation	Top	Bottom	Thickness	Oil at
Pittsburg Coal	320	388	8	
Red Rock Clay	700	918	218	
Coal Run (Coal)	915	935	20	
Low Nan (Second)				
Salt Sand (Upper)	1210	1280	40	
Salt Sand (Middle)				
Salt Sand (Lower)	1400	1460	50	
Mason	1672	1619	47	
Little Linn				
Pencil Clay				
Big Linn	1470	1757	67	
Recher Sand				
Injan Sand	1737	1765	28	1745
Sevier Sand				
Wyer Sand				
Wrens Sand				
David Sand				
Fifty Foot Sand				
Thirty Foot Sand				
Corbin Shale				
Denyer Sand				
Tenth Sand				
Fifth Sand				
Coniferous Linn				
Ningora Linn				
Clay				
Divisor				
Vacuum Spum				
Trenton				
Total Depth	1777	1782		

CASING AND TUBING			
Size	Put in Well	Left in Well	Notes
12 in. Casing			
8 in. Casing	162	162	
7 in. Casing	918	918	918
6 in. Casing	1672	1672	
5 in. Casing			
4 in. Casing			
2 in. Tubing	1764	1764	
2 in. Tubing			
2 in. Tubing			

10"
6 3/8"

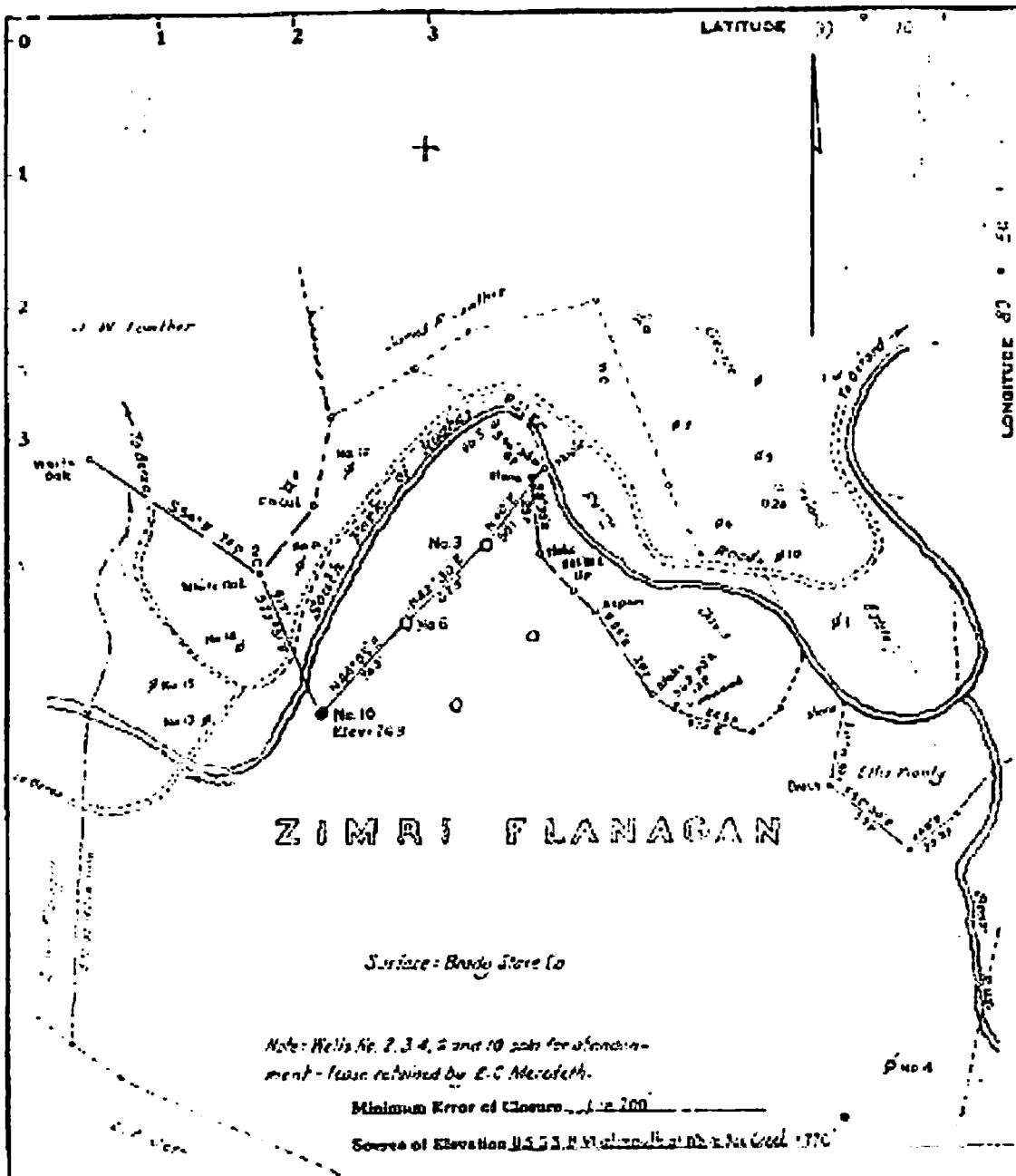
SHOOTING				
Date	Oil	Sand	Depth	Test
1-20-02	10			Good
4-1-03	15			"
4-20-04	30			"
2-5-06	40			"
7-22-09	30			Good

Total Oil Production *75 Bbls*

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Office of Oil and Gas
FEB 20 2014
WV Department of
Environmental Protection

PACKERS		
Size	Make	Set at
3 1/2	W. Va.	400

✓



ZIMRI FLANAGAN

Surface - Brady Store Co

Note: Wells No. 2, 3, 4, 5 and 10 sold for abandonment - lease retained by E.C. Meredith.

Minimum Error of Closure ± 2.200

Source of Elevation U.S.G.S. 7.5 Minute Topographic Map No. 2200

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.

- Fracture
- New Location
- Drill Deeper
- Abandonment

Signed: *[Signature]*
 Surveyor N S E W

Company RAY SUPPLY COMPANY
 Address 5021 Elgin - 11 Ave. Lakewood, California
 Farm Zimri Flanagan
 Tract Acres 110 Lease No. _____
 Well (Farm) No. 10 Serial No. _____
 Elevation (Spirit Level) 262
 Quadrangle 10-20-21
 County Putnam District 11-10
 Engineer [Signature]
 Engineer's Registration No. 1227
 File No. _____ Drawing No. _____
 Date October 2, 1974 Scale 1" = 800'

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

WELL LOCATION MAP

FILE NO. 085-7624

RECEIVED
 Office of Oil and Gas
 FEB 27 2014

• Denotes location of well on
 Topographic Map, 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.

WV Department of
 Environmental Protection

04/11/2014

WW-4A
Revised 6-07

1) Date: _____
2) Operator's Well Number
Flanagan 10

3) API Well No.: 47 - 085 - 07624

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	James Daniel White Jr	Name	N/A
Address	Rt 1 Box 137-1 Pennsboro, WV 26415	Address	_____
(b) Name	Neil A. Brown Gifting Trust	(b) Coal Owner(s) with Declaration	
Address	PO Box 127 Acme, PA 15610	Name	N/A
(c) Name	_____	Address	_____
Address	_____	Name	N/A
		Address	_____
6) Inspector	David Cowan	(c) Coal Lessee with Declaration	
Address	1597 Devil Hole Road Harrisville WV 26362-7543	Name	N/A
Telephone	304-389-3509	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-1B, 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 reverse 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 Jay-Bee Oil & Gas, Inc
 By: Shane Dowell
 Title: Office Manager
 Address: 3570 Shields Hill Rd
 Cairo, WV 26337
 Telephone: 304-628-3111

Subscribed and sworn before me this 18th day of Feb 2014
 My Commission Expires July 23, 2023
 _____ Notary Public

RECEIVED
Office of Oil and Gas

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.

FEB 20 2014
 WV Department of
 Environmental Protection

7013 2250 0001 1765 1638

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Postage	\$ 2.24
Certified Fee	3.30
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$ 5.54

Postmark Here

Sent To: James White Jr
 Street, Apt. No. or PO Box No.: R+1 Box 137-1 ✓
 City, State, ZIP+4: Painsboro WV 26415

PS Form 3800, August 2006 See Reverse for Instructions

4708507624P

7013 2250 0001 1765 1638

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Postage	\$ 1.40
Certified Fee	3.30
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$ 4.70

Postmark Here

Sent To: Lynwood Kay Ireland
 Street, Apt. No. or PO Box No.: 342 Ireland Rd ✓
 City, State, ZIP+4: Pullman WV 26421

PS Form 3800, August 2006 See Reverse for Instructions

7013 2250 0001 1765 1614

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Postage	\$ 2.24
Certified Fee	3.30
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$ 5.54

Postmark Here

Sent To: Neil Brown Gifting Trust ✓
 Street, Apt. No. or PO Box No.: Po Box 127 ✓
 City, State, ZIP+4: Acme PA 15610

PS Form 3800, August 2006 See Reverse for Instructions

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Office of Oil and Gas

FEB 20 2014

WV Department of
Environmental Protection

04/11/2014

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 Jay-Bee Oil & Gas, Inc OP Code 24610

Watershed South Fork Hughes River Quadrangle Pullman 7.5'

Elevation 762' County Ritchie District Union

Description of anticipated Pit Waste: Formation Fluids

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

Proposed Disposal Method For Treated Pit Wastes:

- Land Application
- Underground Injection (UIC Permit Number 47-085-09721)
- Reuse (at API Number _____)
- Off Site Disposal (Supply form WW-9 for disposal location)
- Other (Explain _____)

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 *Shane Dowell*

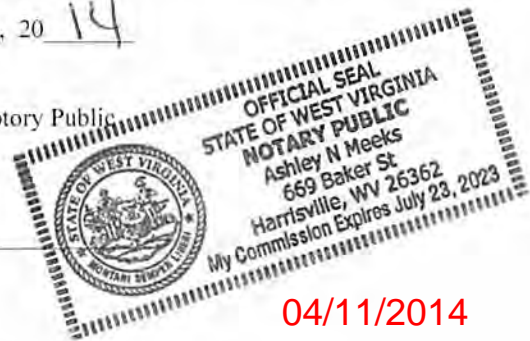
Company Official (Typed Name) Shane Dowell

Company Official Title Office Manager

Subscribed and sworn before me this 18th day of Feb, 20 14

[Signature]

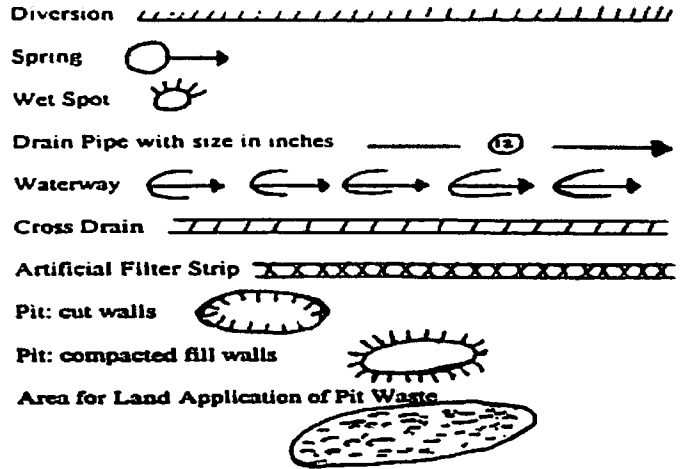
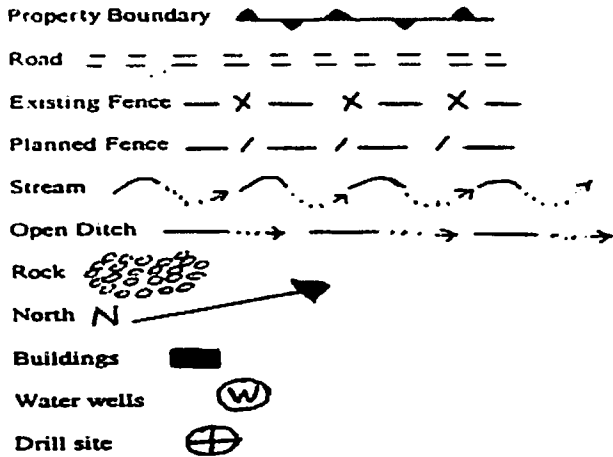
Notary Public



My commission expires July 23, 2023

04/11/2014

LEGEND



Proposed Revegetation Treatment: Acres Disturbed < 1 Prevegetation pH _____

Lime 3 Tons/acre or to correct to pH 6.5

Fertilizer (10-20-20 or equivalent) 1/3 lbs/acre (500 lbs minimum)

Mulch hay / 2 Tons/acre

Seed Mixtures

Area I		Area II	
Seed Type	lbs/acre	Seed Type	lbs/acre
KY-31	40		
Alsike Clover	5		
Annual Rye Grass	15		
Orchard Grass	15		

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

Photocopied section of involved 7.5' topographic sheet.

Plan Approved by: *David W. Carr*

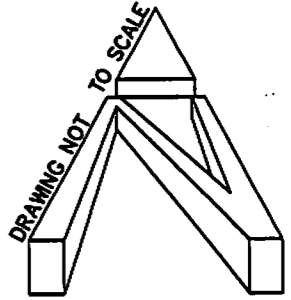
Comments: *well - 07624*

Title: *oil & gas inspector* Date: *2-18-14*

Field Reviewed? Yes No

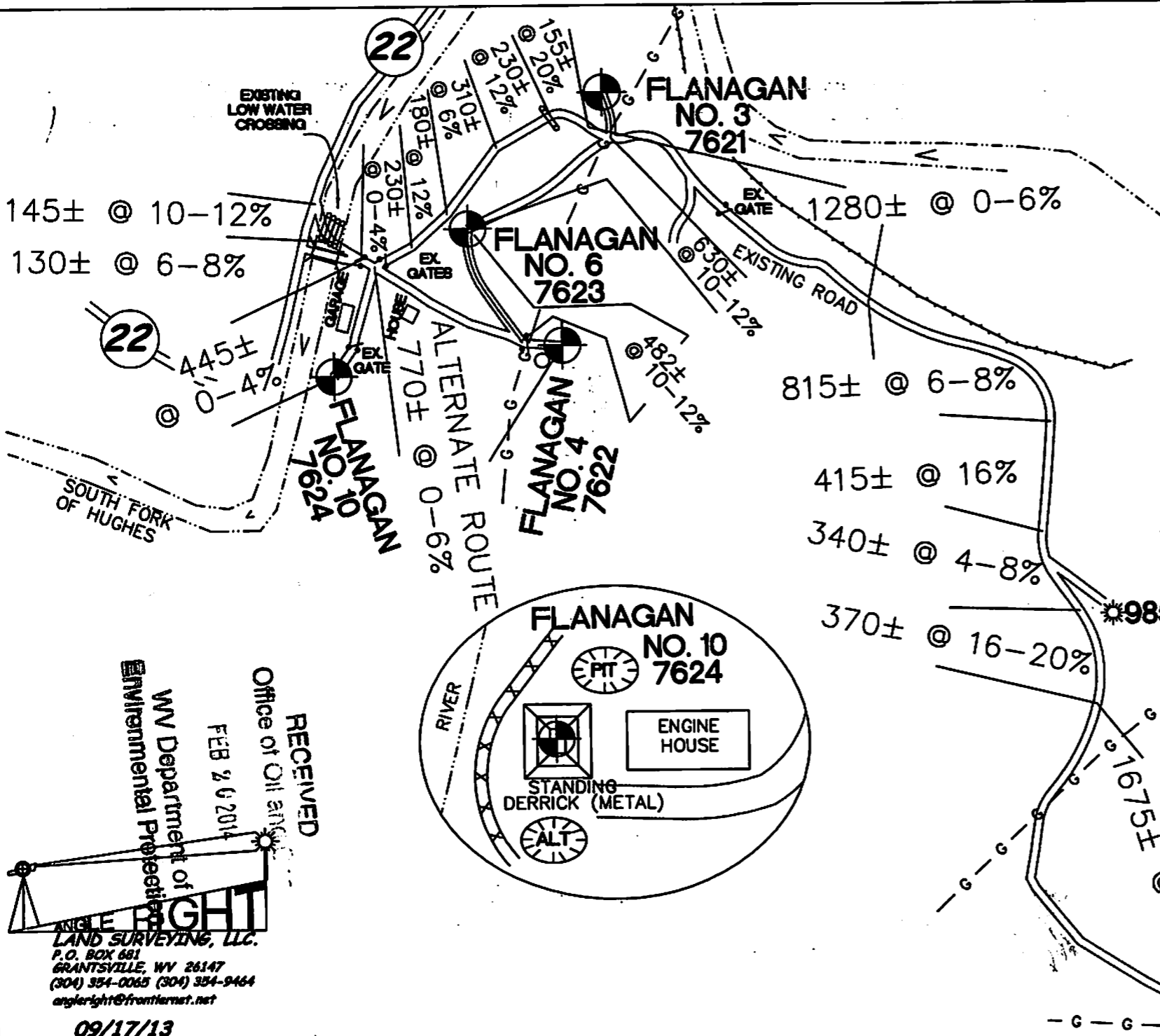
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Office of Oil and Gas
FEB 20 2014

REFERENCE IS HEREBY MADE TO THE WV D.E.P. OFFICE OF OIL & GAS, "EROSION AND SEDIMENT CONTROL FIELD MANUAL" FOR REQUIREMENTS AND BMPs FOR AVERAGE FIELD CONDITIONS CONCERNING THE MAINTENANCE OF EXISTING ROADS AND THE CONSTRUCTION OF PROPOSED ROADS. FIELD CONDITIONS MAY REQUIRE VARIANCE FROM THESE GUIDELINES AND THE EARTHWORK CONTRACTOR IS RESPONSIBLE FOR NOTIFICATION TO THE INSPECTOR AND THE OPERATOR SHOULD THESE CONDITIONS OCCUR.



UTILITIES ARE APPROXIMATE, EXACT LOCATION TO BE VERIFIED PRIOR TO CONSTRUCTION

ENTRANCES ONTO PUBLIC ROADS SHALL BE CONSTRUCTED OR MAINTAINED IN ACCORDANCE WITH WV D.O.T. REGULATIONS. ADDITIONAL PERMITS MAY BE REQUIRED.



EXISTING LOW WATER CROSSING

EX. GATE

EXISTING ROAD

ALTERNATE ROUTE

SOUTH FORK OF HUGHES RIVER

ENGINE HOUSE

STANDING DERRICK (METAL)

RECEIVED
Office of Oil and Gas

FEB 26 2014

WV Department of Environmental Protection

ANGLE RIGHT LAND SURVEYING, LLC.
P.O. BOX 681
GRANTSVILLE, WV 26147
(304) 354-0065 (304) 354-9464
angleright@frontiernet.net

09/17/13

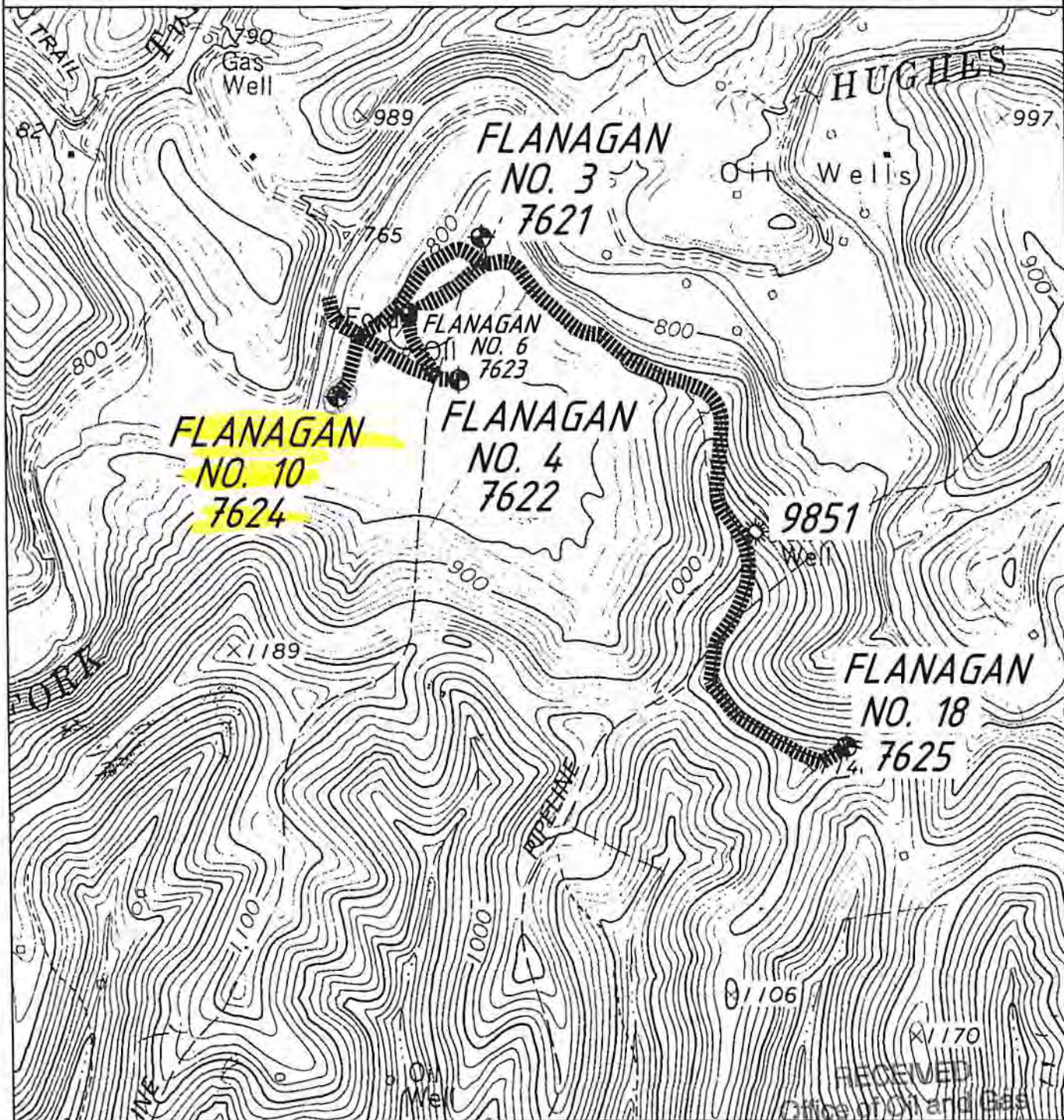
WW9

PAGE OF

Z. FLANAGAN LEASE

WELLS 3, 4, 6, 10, 18

API NOS. 7621, 7622, 7623, 7624, 7625



ANGLE RIGHT LAND SURVEYING, LLC
 PO BOX 681
 GRANTSVILLE, WV 26147
 (304) 354-0085

130604

OPERATOR
 JAY-BEE PRODUCTION CO.
 1720 RT. 22 EAST
 EAST UNION, NJ 07083

TOPO SECTION
 PULLMAN 7.5'

SCALE:
 1"=1000'

WELL NAME
 Z. FLANAGAN NO.
 3,4,6,10,18

DATE
 09/17/2013

WV Department of
 Environmental Protection

04/11/2014

NAD83 LONG.: 80° 54' 54.8"
DECIMAL: 80.91523

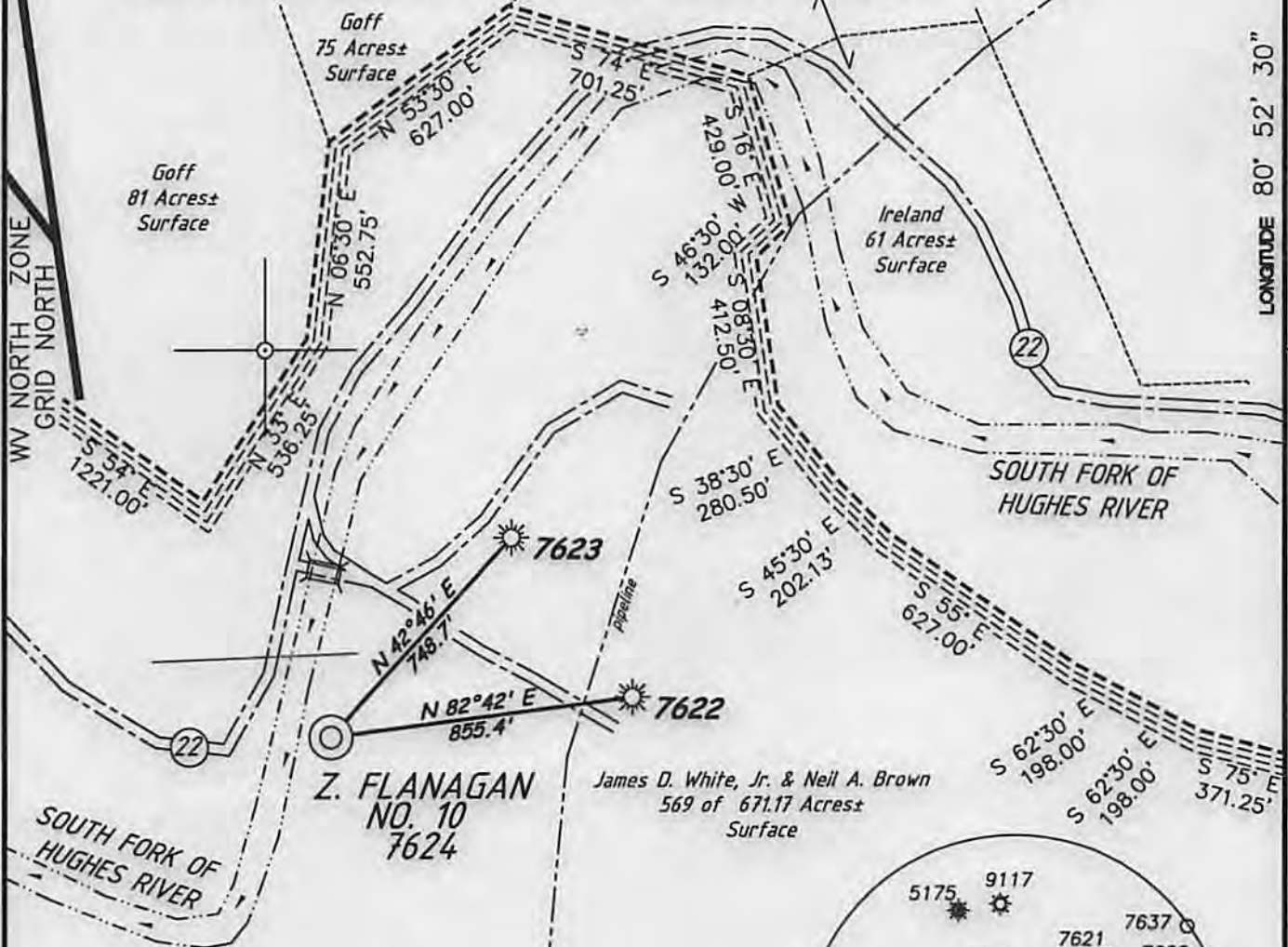
11,450'

LATITUDE 39° 10' 00"

LONGITUDE 80° 52' 30"

NAD83 LAT. 39° 09' 08.6"
LAT: 39.15238

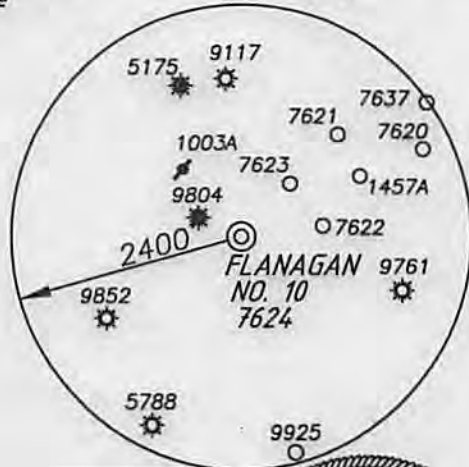
Z. FLANAGAN LEASE WELL NO. 10 570 ACRES ± 47-085-07624



REFERENCE NOTES

LEASE AS SHOWN TAKEN
PLAT FOR 7624 AS PREPARED
BY M.S. HOLT JR. DATED 10/09/1974.
OWNERSHIP TAKEN FROM PUBLIC
RECORDS OF RITCHIE COUNTY,
WV IN SEPTEMBER 2013.
LAT./LONG. BY DIFFERENTIAL
SUBMETER MAPPING GRADE GPS

**EXISTING WELL
UTM NAD 83 ZONE 17
COORDINATES**
N) 4,333,690.4 M
E) 507,324.2 M



(+) DENOTES LOCATION ON UNITED STATES TOPOGRAPHIC MAPS

FILE NUMBER	130604
DRAWING NUMBER	WP10(W20-68)
SCALE	1"=500'
MINIMUM DEGREE OF ACCURACY	1/200
PROVEN SOURCE OF ELEVATION	SUBMETER MAPPING GRADE 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 ENVIRONMENTAL PROTECTION

P.S.
1006

Terry A. Shreve



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

DATE	SEPTEMBER 17, 2013	
REVISED DATE	MARCH 3, 2014	
OPERATORS WELL NO.	FLANAGAN NO. 10	
API WELL NO.	47-085 07624P	
STATE	COUNTY	PERMIT

WELL TYPE: OIL	<input type="checkbox"/>	GAS	<input type="checkbox"/>	<input checked="" type="checkbox"/> LIQUID INJECTION	<input type="checkbox"/>	WASTE DISPOSAL	<input type="checkbox"/>	
(IF "GAS") PRODUCTION	<input type="checkbox"/>	STORAGE	<input checked="" type="checkbox"/>	DEEP	<input type="checkbox"/>	SHALLOW	<input checked="" type="checkbox"/>	
LOCATION ELEVATION	762'							
DISTRICT	UNION							
QUADRANGLE	PULLMAN 7.5'							
SURFACE OWNER	JAMES DANIEL WHITE, JR. & NEIL A. BROWN ACREAGE ASSESSED 569 OF 671.17							
OIL & GAS ROYALTY OWNER	Z. FLANAGAN HEIRS & ASSIGNS LEASE ACREAGE 570±							
PROPOSED WORK: DRILL	<input type="checkbox"/>	CONVERT	<input type="checkbox"/>	DRILL DEEPER	<input type="checkbox"/>	REDRILL	<input type="checkbox"/>	
PERFORATE NEW FORMATION	<input type="checkbox"/>	OTHER PHYSICAL CHANGE (SPECIFY)					PLUG & ABANDON	<input type="checkbox"/>
TARGET FORMATION	INJUN SAND ESTIMATED DEPTH 1,782'							
WELL OPERATOR	JAY-BEE PRODUCTION CO. DESIGNATED AGENT RANDY BRODA							
ADDRESS	1720 ROUTE 22 EAST UNION, NJ 07083 ADDRESS RT.1 BOX 5 CAIRO, WV 26337							

04/11/2014

COUNTY NAME
PERMIT



JAY-BEE OIL & GAS, INC.

March 19, 2014

Permitting Office
Office of Oil and Gas
West Virginia Dept. of Environmental Protection
601 57th Street SE
Charleston, WV 25304

RE: Flanagan 10 Plugging Permit

Justin:

Included in this packet is the updated plat for the Flanagan 10 plugging permit, with accurate coordinates.

If you would have any questions concerning this matter, please feel free to contact our office at the numbers listed below.

Sincerely,

Shane Dowell
Office Manager

RECEIVED
Office of Oil and Gas

MAR 21 2014

WV Department of
Environmental Protection