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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](http://www.dep.wv.gov)

February 27, 2014

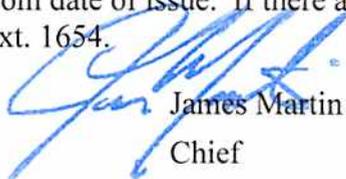
**WELL WORK PLUGGING PERMIT**

**Plugging**

This permit, API Well Number: 47-8507623, 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 6  
Farm Name: FLANAGAN, ZIMRI  
**API Well Number: 47-8507623**  
**Permit Type: Plugging**  
Date Issued: 02/27/2014

**Promoting a healthy environment.**

## 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.

CK 43132  
10000

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 833' 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  
Address 1597 Devil Hole Road  
Harrisville, WV 26362-7543  
9) Plugging Contractor Name Jay-Bee Oil & Gas, Inc  
Address 3570 Shields Hill Rd  
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:

- <sup>1770'</sup> 1850'-1632' 6% Gel, <sup>1770'-1670'</sup> 1632'-1532' Cement
- <sup>1670'-1391'</sup> 1532'-960' 6% Gel, <sup>1391'-1291'</sup> 960'-860' Cement
- <sup>1291'-883'</sup> 860'-470' 6% Gel, <sup>883'-783'</sup> 470'-370' Cement
- <sup>783'-481'</sup> 370'-100' 6% Gel, <sup>481'-381'</sup> 100'-0' Cement (cont.)
- <sup>381'-100'</sup> 381'-100' 6% Gel, 100'-0' Cement

FIRST PLUG NEEDS TO BE  
~ 20 FEET ABOVE SHOT HOLE.  
ALL CEMENT PLUGS MUST BE  
GREATER THAN 100' THICK  
CLASS A CEMENT WITH NO  
MORE THAN 3% CaCl<sub>2</sub>  
AND NO OTHER ADDITIVES.

Monument 3' above ground with a welded API

RECEIVED  
Office of Oil and Gas  
FEB 20 2014  
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Office of Oil and Gas  
WV Department of  
Environmental Protection  
WV Department of  
Environmental Protection  
Date 2-18-14

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

WELL NO. 6 NAME Flanaghan, J. LEASE NO. 464 ACRES 850 N. S. 20 E. W. 17 DISTRICT Southern

District or Twp. Union  
 County Ritchie  
 State W. Va.  
 Commenced 12-6-01  
 Completed 1-8-02  
 Contractor Deane Bros.  
 Purchased From Green Oil Co.  
 Date Purchased Jan. 1-1946  
 Date Connected Jan. 1-1946  
 Sold to Smith Petroleum & Gas Co.  
 Date Sold March 1, 1943.  
 Date Plugged  
 Date Abandoned

| RECORD                     |      |        |           |        |        |          |                  |
|----------------------------|------|--------|-----------|--------|--------|----------|------------------|
| Elevation at Mouth of Well |      |        |           |        |        |          |                  |
| Formation                  | Top  | Bottom | Thickness | Oil at | Gas at | Water at | Thickness of Pay |
| Pittsburgh Coal            | 452  | 461    | 9         |        |        |          |                  |
| Red Rock Cave              | 570  | 685    | 115       |        |        |          |                  |
| Cow Run (First)            | 960  | 995    | 35        |        |        |          |                  |
| Cow Run (Second)           |      |        |           |        |        |          |                  |
| Salt Sand (Upper)          | 1255 | 1376   | 121       |        |        |          |                  |
| Salt Sand (Middle)         |      |        |           |        |        |          | 1275             |
| Salt Sand (Lower)          |      |        |           |        |        |          |                  |
| Maxon                      | 1632 | 1688   | 56        |        |        |          |                  |
| Little Lime                |      |        |           |        |        |          |                  |
| Pencil Cave                |      |        |           |        |        |          |                  |
| Big Lime                   | 1734 | 1810   | 76        |        |        |          |                  |
| Keener Sand                |      |        |           |        |        |          |                  |
| Injun Sand                 | 1810 | 1840   | 30        | 1820   | 1810   |          | 10'              |
| Squaw Sand                 |      |        |           |        |        |          |                  |
| Weir Sand                  |      |        |           |        |        |          |                  |
| Berea Sand                 |      |        |           |        |        |          |                  |
| Gantz Sand                 |      |        |           |        |        |          |                  |
| Fifty Foot Sand            |      |        |           |        |        |          |                  |
| Thirty Foot Sand           |      |        |           |        |        |          |                  |
| Gordon Stray               |      |        |           |        |        |          |                  |
| Gordon Sand                |      |        |           |        |        |          |                  |
| Fourth Sand                |      |        |           |        |        |          |                  |
| Fifth Sand                 |      |        |           |        |        |          |                  |
| Corniferous Lime           |      |        |           |        |        |          |                  |
| Niagara Lime               |      |        |           |        |        |          |                  |
| Cave                       |      |        |           |        |        |          |                  |
| Clinton                    |      |        |           |        |        |          |                  |
| Medina Shale               |      |        |           |        |        |          |                  |
| Trenton                    |      |        |           |        |        |          |                  |
| Total Depth                | 1850 |        |           |        |        |          |                  |

085-07623 P

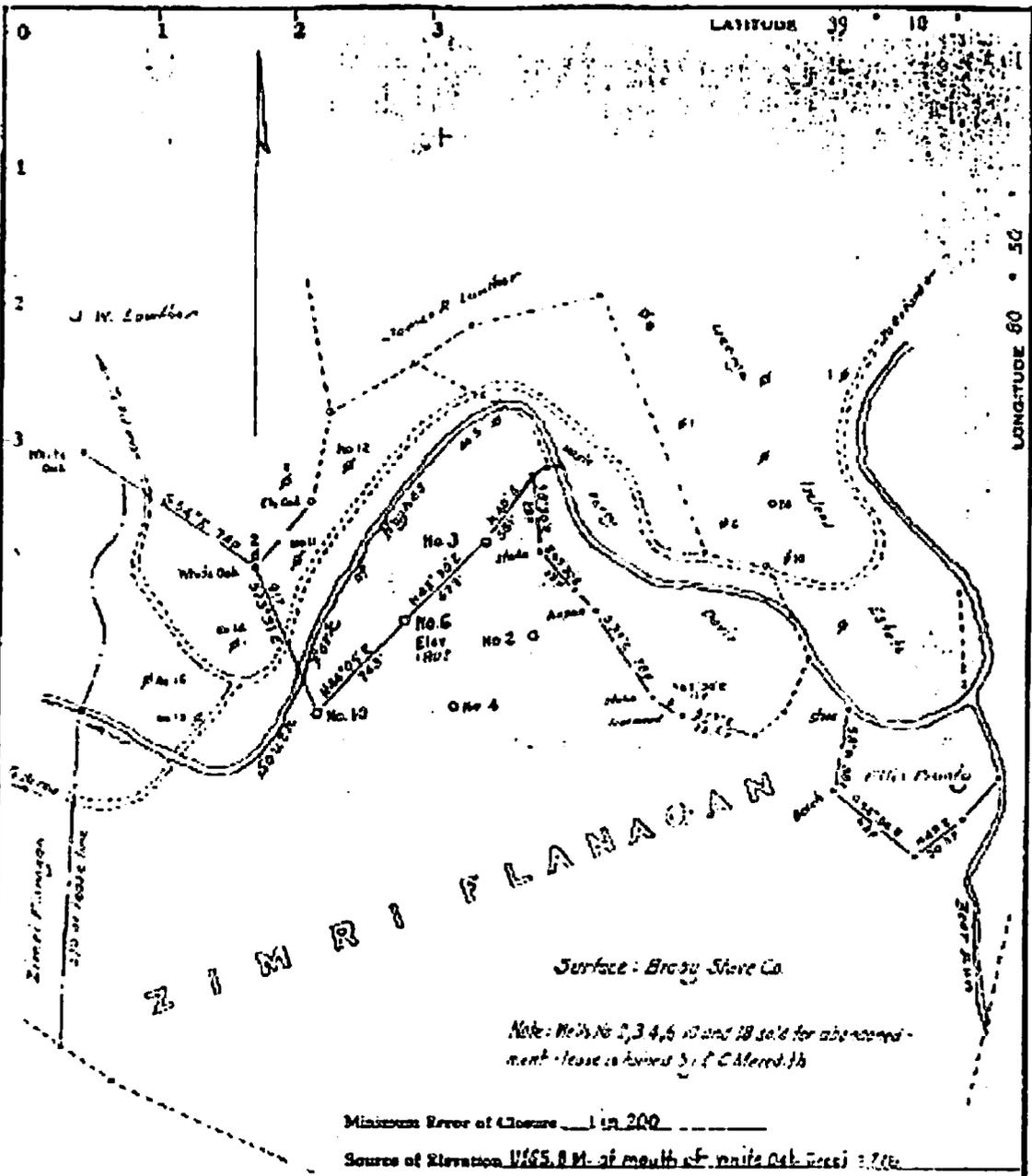
| CASING AND TUBING |             |              |       |
|-------------------|-------------|--------------|-------|
| Size              | Put In Well | Left In Well | Pulid |
| 13 in. Casing     |             |              |       |
| 10 in. Casing     |             |              |       |
| 8 in. Casing      | 964         |              | 964   |
| 6 1/2 in. Casing  | 1341        |              |       |
| 6 in. Casing      |             |              |       |
| 5 1/2 in. Casing  | 1734        |              |       |
| 4 1/2 in. Casing  |             |              |       |
| 2 in. Tubing      | 1840        |              | 1840  |
| 1 in. Tubing      | 1860        |              |       |
| in. Tubing        |             |              |       |

| SHOOTING |      |      |       |             |            |
|----------|------|------|-------|-------------|------------|
| Date     | Qts. | Sand | Depth | Test Before | Test After |
| 8-20-02  | 10   |      |       |             | Good       |
| 12-23-02 | 10   |      |       |             | "          |
| 3-11-04  | 20   |      |       |             | "          |
| 2-19-06  | 30   |      |       |             | "          |
| 8-22-04  | 20   |      |       |             | "          |
| 6-14-13  | 40   |      |       |             | "          |
| 13-17-15 | 18   |      |       |             | "          |

Initial Oil Production 90 Bbl.

Remarks Flanaghan

| PACKERS |       |        |
|---------|-------|--------|
| Size    | Make  | Set at |
| 7 1/2   | 1 1/2 |        |



Surface: Brass Store Co.

Note: Wells No. 2, 3, 4, 5, 6, 10 and 18 sold for absorption - lease is known to C. C. Alford, Jr.

Minimum Error of Closure 1 in 200  
 Source of Elevation U.S.S. B.M. at mouth of White Oak Creek 2776

Fracture   
 New Location   
 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.

Map No. \_\_\_\_\_ Signed: Richard J. [Signature]  
 Squares: N S E W

Company BAY SUPPLY COMPANY  
 Address 5102 Elderbell Avenue, Lakewood, California  
 Farm Zimri Flanagan  
 Tract Acres 570 Lease No. \_\_\_\_\_  
 Well (Farm) No. 514 Serial No. \_\_\_\_\_  
 Elevation (Spirit Level) 891  
 Quadrangle Hallycok  
 County Richie District WV1003  
 Engineer [Signature]  
 Engineer's Registration No. 1227  
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_  
 Date Oct 10 1974 Scale 1" = 200'

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

WELL LOCATION MAP  
 FILE NO. 085-7623 RECEIVED  
 Office of Oil and Gas

+ 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.

WV Department of Environmental Protection  
 FEB 20 2014

WW-4A  
Revised 6-07

1) Date: \_\_\_\_\_  
2) Operator's Well Number  
Flanagan 6  
3) API Well No.: 47 - 085 - 07623

**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>James Daniel White Jr</u>       | Name <u>N/A</u>                    |
| Address <u>Rt 1 Box 137-I</u>               | Address _____                      |
| <u>Pennsboro, WV 26415</u>                  | _____                              |
| (b) Name <u>Neil A. Brown Gifting Trust</u> | (b) Coal Owner(s) with Declaration |
| Address <u>PO Box 127</u>                   | Name <u>N/A</u>                    |
| <u>Acme, PA 15610</u>                       | Address _____                      |
| _____                                       | _____                              |
| (c) Name _____                              | Name <u>N/A</u>                    |
| Address _____                               | Address _____                      |
| _____                                       | _____                              |
| 6) Inspector <u>David Cowan</u>             | (c) Coal Lessee with Declaration   |
| Address <u>1597 Devil Hole Road</u>         | Name <u>N/A</u>                    |
| <u>Harrisville WV 26362-7543</u>            | Address _____                      |
| Telephone <u>304-389-3509</u>               | _____                              |

**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.

|   |               |   |
|---|---------------|---|
|  <p>OFFICIAL SEAL<br/>STATE OF WEST VIRGINIA<br/>NOTARY PUBLIC<br/>Ashley N Meeks<br/>669 Baker St<br/>Harrisville, WV 26362<br/>My Commission Expires July 23, 2023</p> | Well Operator | <u>Jay-Bee Oil &amp; Gas, Inc</u>             |
|   | By            | <u>Shane Dowell</u>                           |
|   | Its           | <u>Office Manager</u>                         |
|   | Address       | <u>3570 Shields Hill Rd</u>                   |
|   | Telephone     | <u>Cairo, WV 26337</u><br><u>304-628-3111</u> |

Subscribed and sworn before me this 18th day of Feb 2014  
[Signature] Notary Public  
My Commission Expires July 23, 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).

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Office of Oil and Gas

FEB 20 2014  
WV Department of  
Environmental Protection

7013 2250 0001 1765 1621

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

Postmark Here  
 FEB 20 2014  
 USPS

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

8507623P

7013 2250 0001 1765 1638

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

Postmark Here  
 FEB 20 2014  
 USPS

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 Instruction

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  
 FEB 20 2014  
 USPS

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

PS Form 3800, August 2006 See Reverse for Instruction

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

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 833' County Ritchie District Union

Description of anticipated Pit Waste: Formation Fluids

Will a synthetic liner be used in the pit? Yes

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

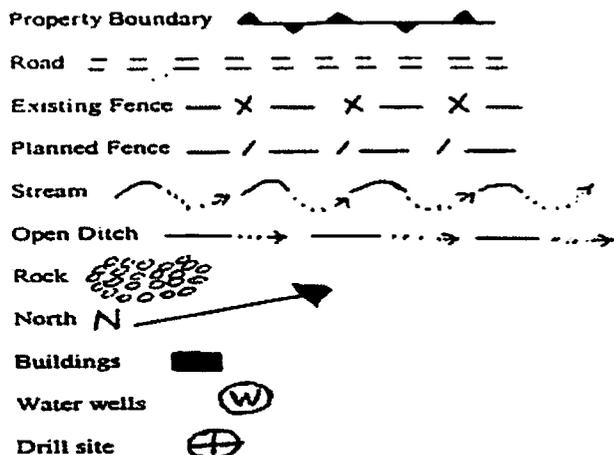
Subscribed and sworn before me this 18th day of Feb, 20 14

*[Signature]* Notary Public

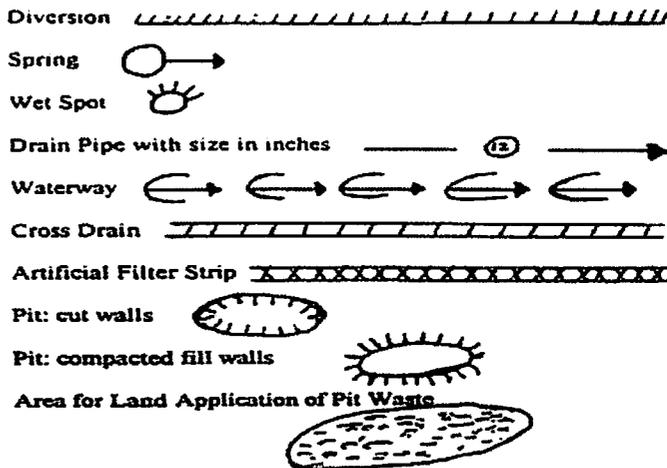
My commission expires July 23, 2023

RECEIVED  
Office of Oil and Gas





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       |           |          |

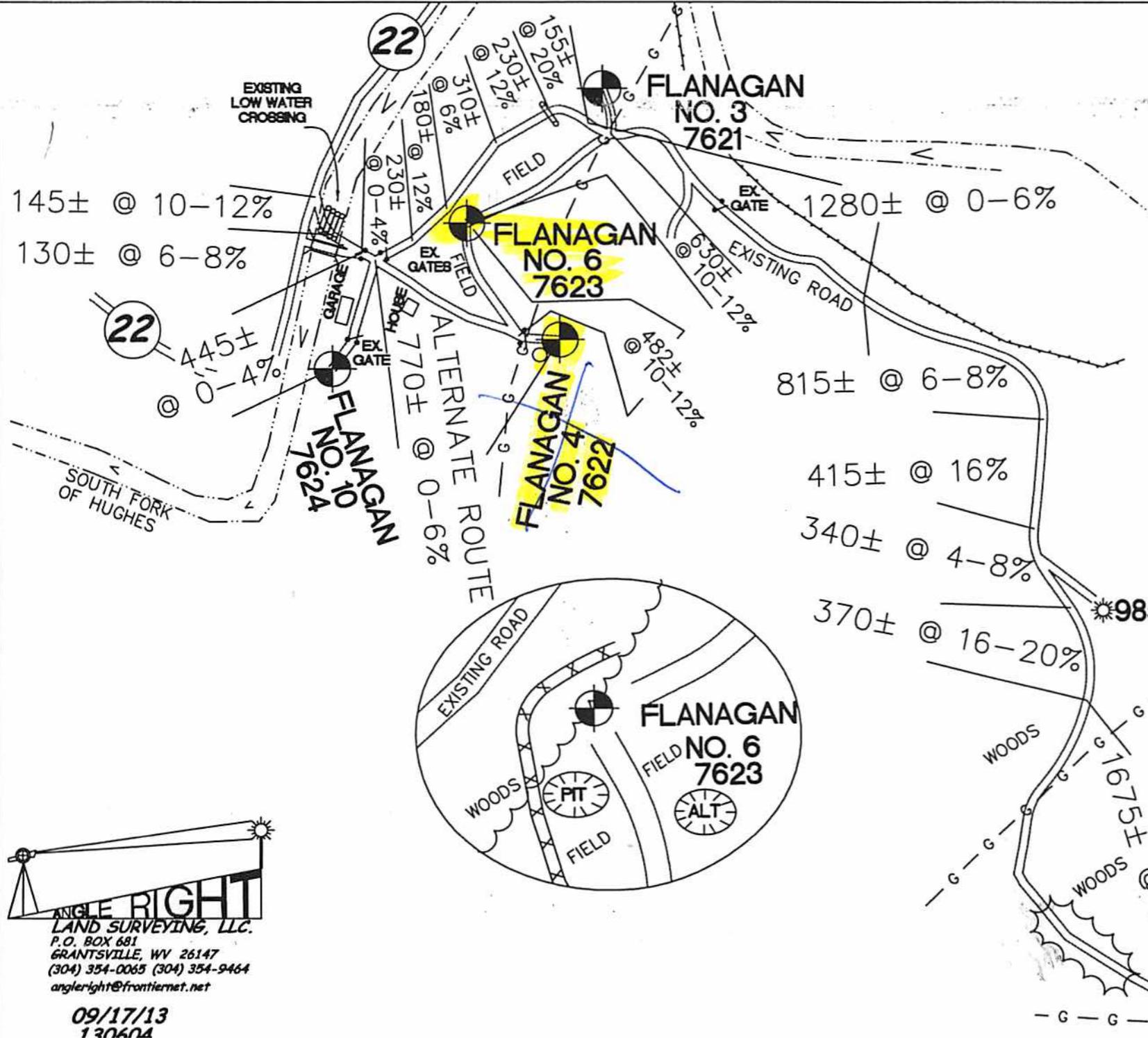
Attach:  
 Drawing(s) of road, location, pit and proposed area for land application.

Photocopied section of involved 7.5' topographic sheet.

Plan Approved by: *David M. Brown*  
 Comments: *Plug well*

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

Field Reviewed?  Yes  No



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.

DRAWING NOT REGENERATED  
 Office of Oil and Gas  
 FEB 2 0 2014  
 WV Department of Environmental Protection

WWW9  
**Z. FLANAGAN 6**  
**47-085-07623**

PAGE OF

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

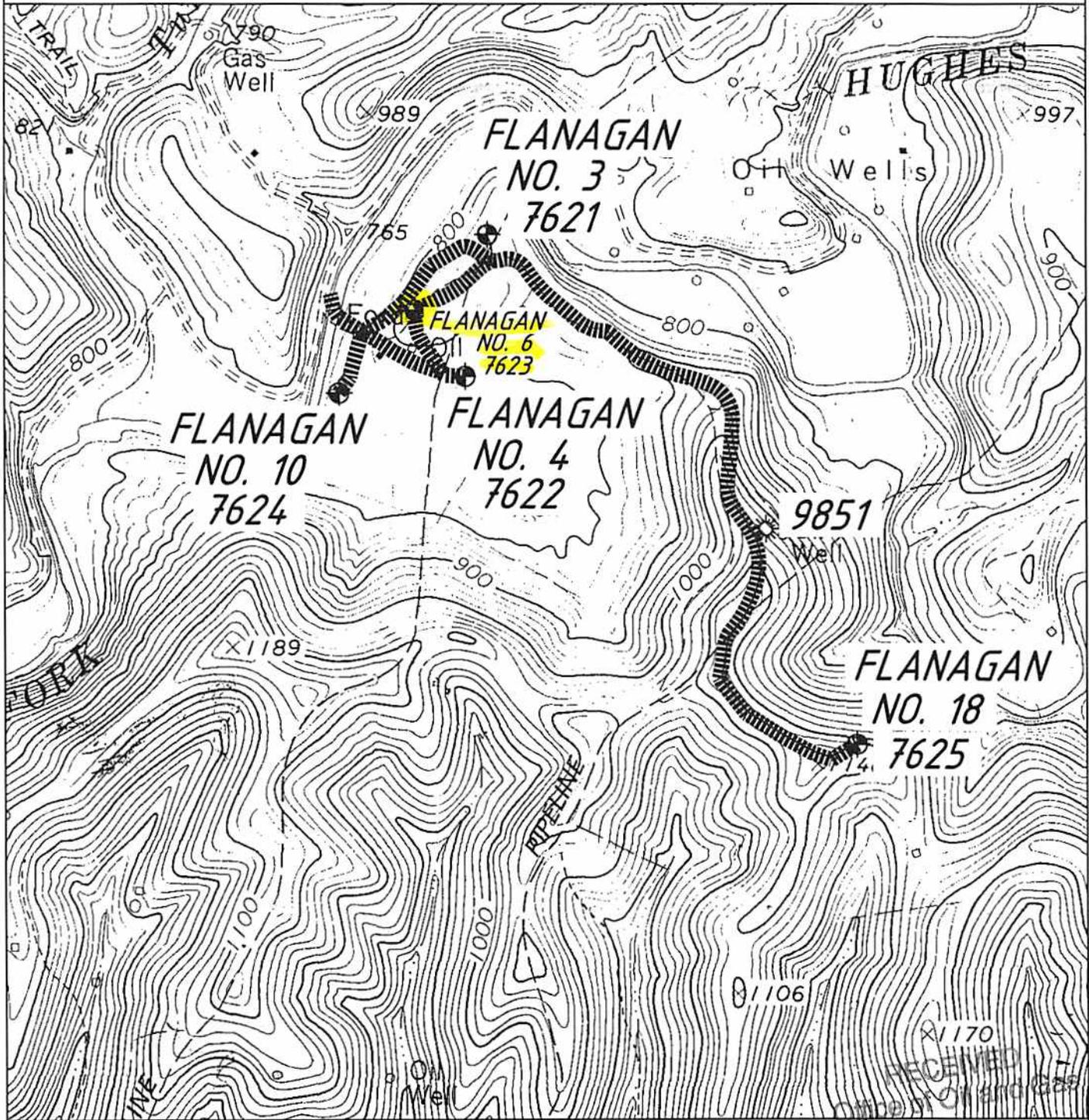
09/17/13  
 130604

8507623P

WW9

# Z. FLANAGAN LEASE WELLS 3, 4, 6, 10, 18 API NOS. 7621, 7622, 7623, 7624, 7625

PAGE OF



|  |  |  |   |
|--|--|--|---|
| ANGLE RIGHT LAND SURVEYING, LLC<br>PO BOX 681<br>GRANTSVILLE, WV 26147<br>(304) 354-0065<br>130604 | OPERATOR<br>JAY-BEE PRODUCTION CO.<br>1720 RT. 22 EAST<br>EAST UNION, NJ 07083 | TOPO SECTION<br>PULLMAN 7.5'<br>SCALE:<br>1"=1000' | WELL NAME<br>Z. FLANAGAN NO.<br>3,4,6,10,18<br>DATE<br>09/17/2013 |
|  | RECEIVED<br>Dept of Oil and Gas<br>Environmental Protection                    |  |   |

*Handwritten signature*

NAD83 LONG.: 80° 54' 48.5"  
DECIMAL: 80.913472

10,950'

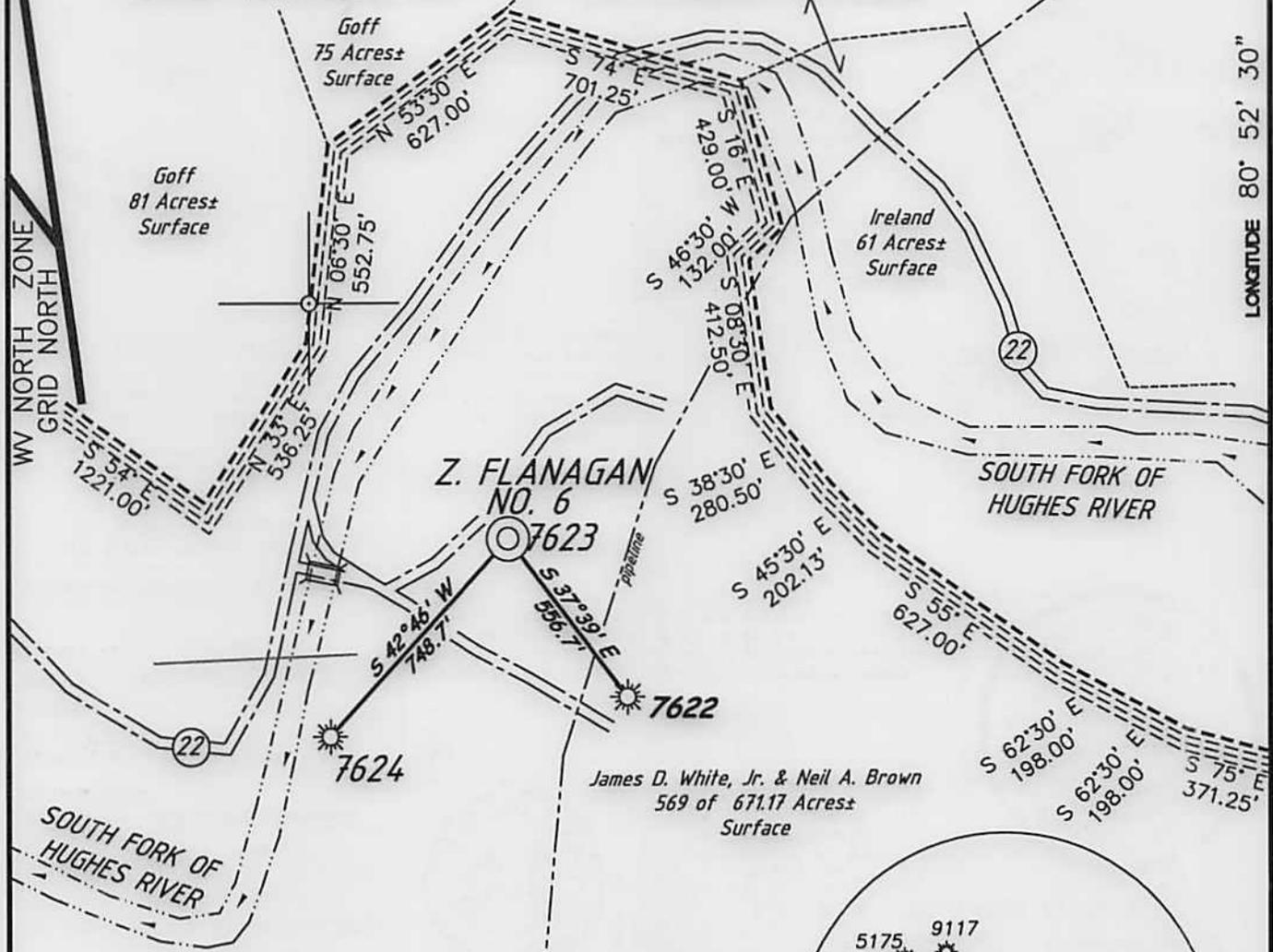
LATITUDE 39° 10' 00"

LONGITUDE 80° 52' 30"

NAD83 LAT. 39° 09' 14.1"  
LAT: 39.15391

# Z. FLANAGAN LEASE WELL NO. 6

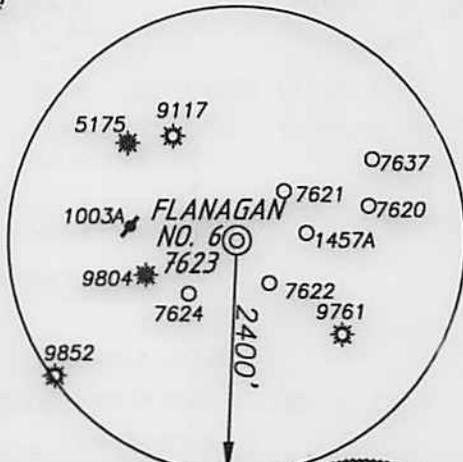
## 570 ACRES ± 47-085-07623



**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) 4,333,860.4 M  
E) 507,476.3 M



(+) DENOTES LOCATION ON UNITED STATES TOPOGRAPHIC MAPS

|                            |                                |
|----------------------------|--------------------------------|
| FILE NUMBER                | 130604                         |
| DRAWING NUMBER             | WP6(W20-68)                    |
| SCALE                      | 1"=500'                        |
| MINIMUM DEGREE OF ACCURACY | 1/200                          |
| PROVEN SOURCE OF ELEVATION | SUBMETER MAPPING<br>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  
OPERATORS WELL NO. FLANAGAN NO. 6  
API WELL NO. 47-085 07623P  
STATE COUNTY PERMIT

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

LOCATION ELEVATION 833' WATERSHED SOUTH FORK OF HUGHES RIVER  
DISTRICT UNION COUNTY RITCHIE  
QUADRANGLE PULLMAN 7.5' LEASE NUMBER

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 \_\_\_ CONVERT \_\_\_ DRILL DEEPER \_\_\_ REDRILL \_\_\_ FRACTURE OR STIMULATE \_\_\_ PLUG OFF OLD FORMATION \_\_\_  
PERFORATE NEW FORMATION \_\_\_ OTHER PHYSICAL CHANGE (SPECIFY) PLUG & ABANDON  
\_\_\_ PLUG & ABANDON  CLEAN OUT & REPLUG \_\_\_

TARGET FORMATION INJUN SAND ESTIMATED DEPTH 1,850'

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

COUNTY NAME PERMIT

A.R.L.S