



**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

February 27, 2014

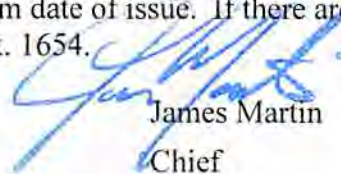
**WELL WORK PLUGGING PERMIT**

**Plugging**

This permit, API Well Number: 47-8507620, 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: DAVIS 1 (1629)  
Farm Name: IRELAND, LYNWOOD KAY  
**API Well Number: 47-8507620**  
**Permit Type: Plugging**  
Date Issued: 02/27/2014

# 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

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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.

8507620 P

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

5) Location: Elevation 761' Watershed Hughes River, South Fork  
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:

- <sup>1700'</sup> 1789'-1300' 6% Gel, <sup>1700'-1500' CEMENT</sup> 1300'-1200' Cement
- <sup>1500'</sup> 1200'-900' 6% Gel, 900'-800' Cement
- 800'-405' 6% Gel, 405'-300' Cement
- 300'-100' 6% Gel, 100'-0' Cement

gwm First CEMENT PLUG SHOULD BE JUST ABOVE SHOT (~ 20').

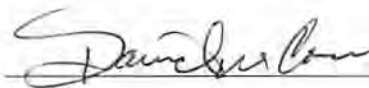
Monument 3' above ground with a welded API

RECEIVED  
Office of Oil and Gas

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

FEB 2 2014

Work order approved by inspector



WV Department of Environmental Protection  
2-18-14

02/28/2014

0857620

8507620P

LEASE NO. 710 ACRES 53 FARM NAME Porry Doyle

N. 20 E. W. 17	Location Made	Purchased From	P. O. No.
City Danzer	Log Completed	Date Purchased	3-2-01
County Ritchie	Dr's Core received	Sold To	
State U. Va.	Dr's Completed	Date Sold	
Oil Rights Owned By	Dr's Contractor	Kelly Drg. Co.	Date Abandoned

FORMATION

Kind	Top	Bottom	Set Log	Top
Pgh. Coal	295	400		
Red Rock Cavo	420	900		
Coal Run 1st.	900	900		
1st. Galt	1300	1285		
Water	1715			
Lower	1180	1620		
Big Line	1440	1744		
Big Injun	1744	1775		
Oil	1747	1757		
Total Depth		1789		

CASING RECORD

Size	Bottom Casing	Depth	Top	Case
10"		130	130	Oil
8"		90	90	Seal
6-5/8"		1485		Top
5-3/16"		1042		Top
5-3/16"		1772		

PACKERS AND SHOES

Kind	Size	Depth	Use
D100 Mall Pkr.	6-5/8x5-3/16"	1042	10-11

TOURNOI RECORD

Date	No. Qts.	Size Shell	Top Size	Bottom
12-10-01	5			
3-19-02	5			
9-12-02	10			
6-13-03	15			
6-15-04	30			
7-20-06	60			
11-2-15	20			
11-22-15	60			
8-27-09	30		1717	1757

DRILLING DECKER

Commenced	Completed	General	Part	Case

ABANDONMENT RECORD

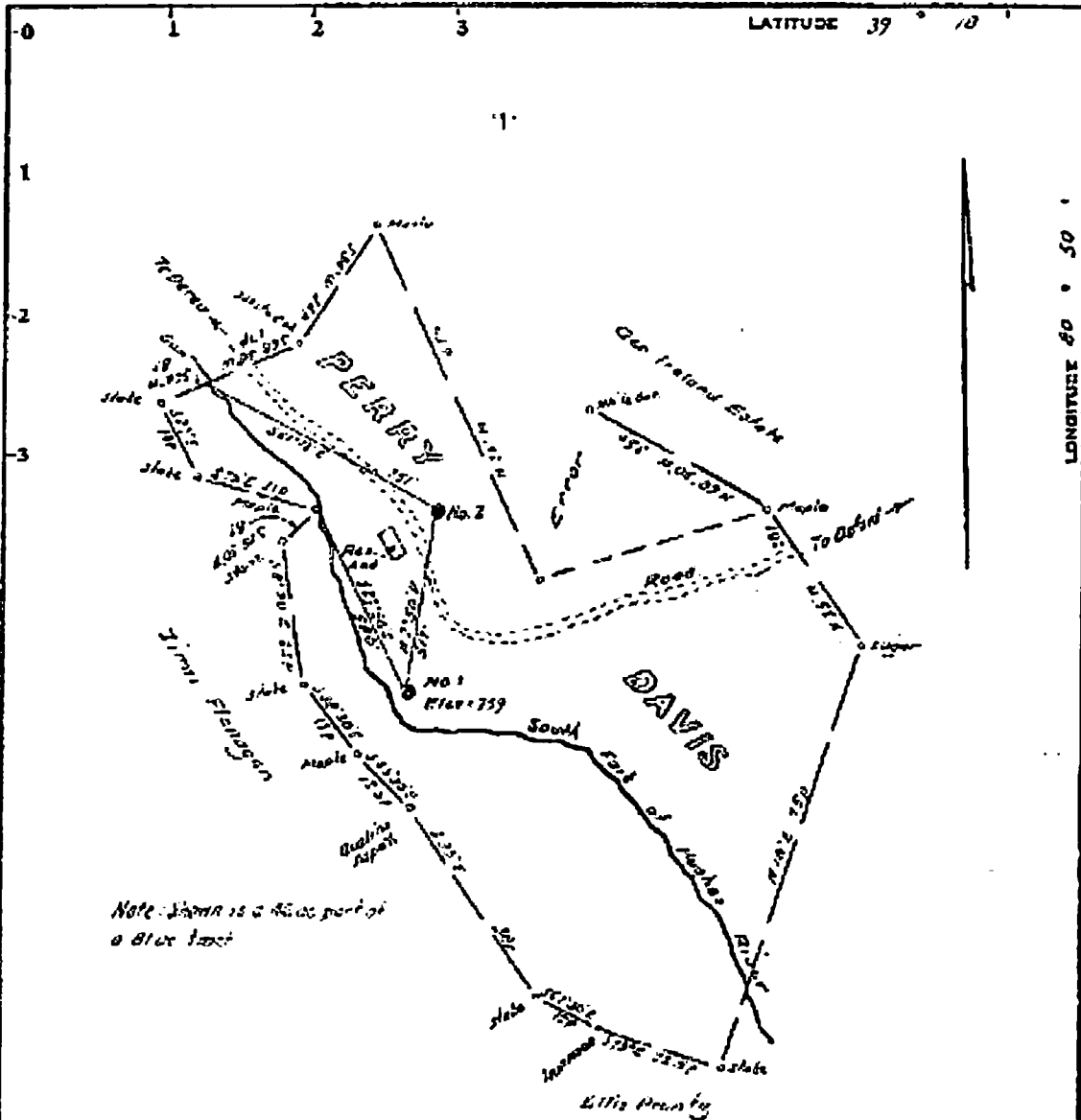
Filled With	From	To	Case

SOUTHERN ENERGY SERVICES

Kind	Top	Bottom	Dr's Contractor	Dr's Date
Oil	Injun	71-061.		
Gas				

APPROVED





Note: Shaded is a piece part of a Blue tract

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

Crack 775

- 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.

Signed: W. H. Heston

Map No. \_\_\_\_\_ Squares: N S E W

Company Ray Surrency Co  
 Address 5102 Elden Hill Ave. Lakewood, California  
 Farm Perry Davis  
 Tract Acres 51 Lease No. \_\_\_\_\_  
 Well (Farm) No. One Serial No. \_\_\_\_\_  
 Elevation (Spirit Level) 759  
 Quadrangle Haltersville  
 County Ditchie District Union  
 Engineer W. H. Heston  
 Engineer's Registration No. 1337  
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_  
 Date Oct. 16, 1928 Scale 1" = 400'

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

WELL LOCATION MAP  
 FILE NO. 085-7620

+ 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.

WW-4A  
Revised 6-07

1) Date: \_\_\_\_\_  
2) Operator's Well Number  
Davis 1 (1629) \_\_\_\_\_

3) API Well No.: 47 - 085 - 07620

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

<b>4) Surface Owner(s) to be served:</b>	<input checked="" type="checkbox"/>	<b>5) (a) Coal Operator</b>	
(a) Name	Lynwood Kay Ireland	Name	N/A
Address	342 Ireland Rd Pullman, WC 26421	Address	_____
(b) Name	_____	(b) Coal Owner(s) with Declaration	
Address	_____	Name	N/A
(c) Name	_____	Address	_____
Address	_____	Name	N/A
		Address	_____
<b>6) Inspector</b>	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-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	Jay-Bee Oil & Gas, Inc
	Signature	Shane Dowell <i>[Signature]</i>
	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  
FEB 20 2014

**Oil and Gas Privacy Notice**

The Office of Oil and Gas processes your personal information, such as name, address and phone number, as 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).



7013 2250 0001 1765 1621

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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



8507620 P

7013 2250 0001 1765 1638

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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 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

Sent To: Neil Brown Giffins 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

02/28/2014

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 761' 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.

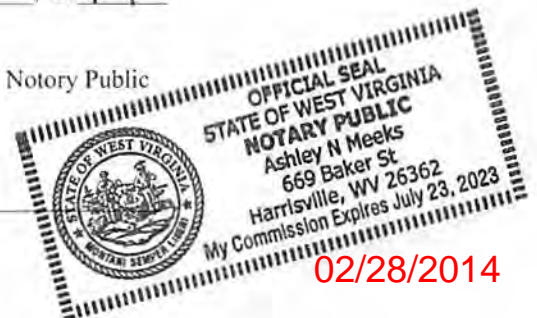
I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments thereto and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is 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, 2014

*[Signature]*

Notary Public

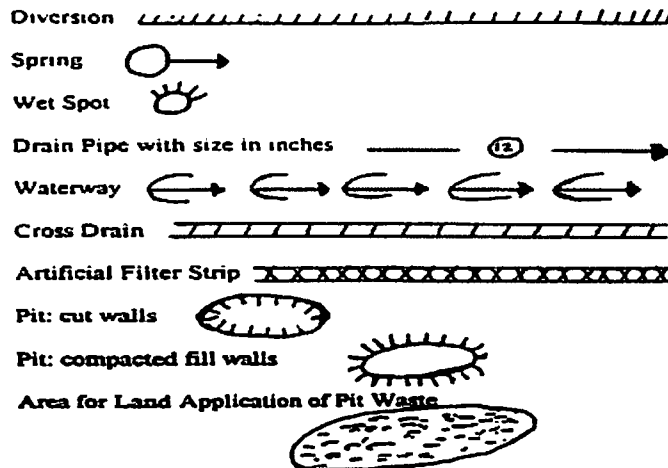
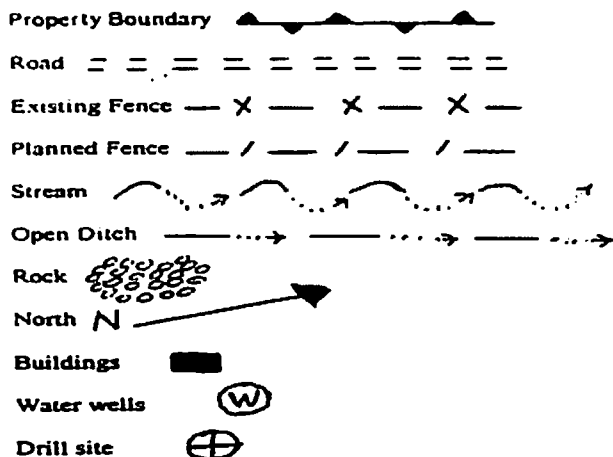


My commission expires July 23, 2023

02/28/2014



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

Seed Type	Area I lbs/acre	Seed Type	Area II 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: *[Signature]*

Comments: \_\_\_\_\_

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

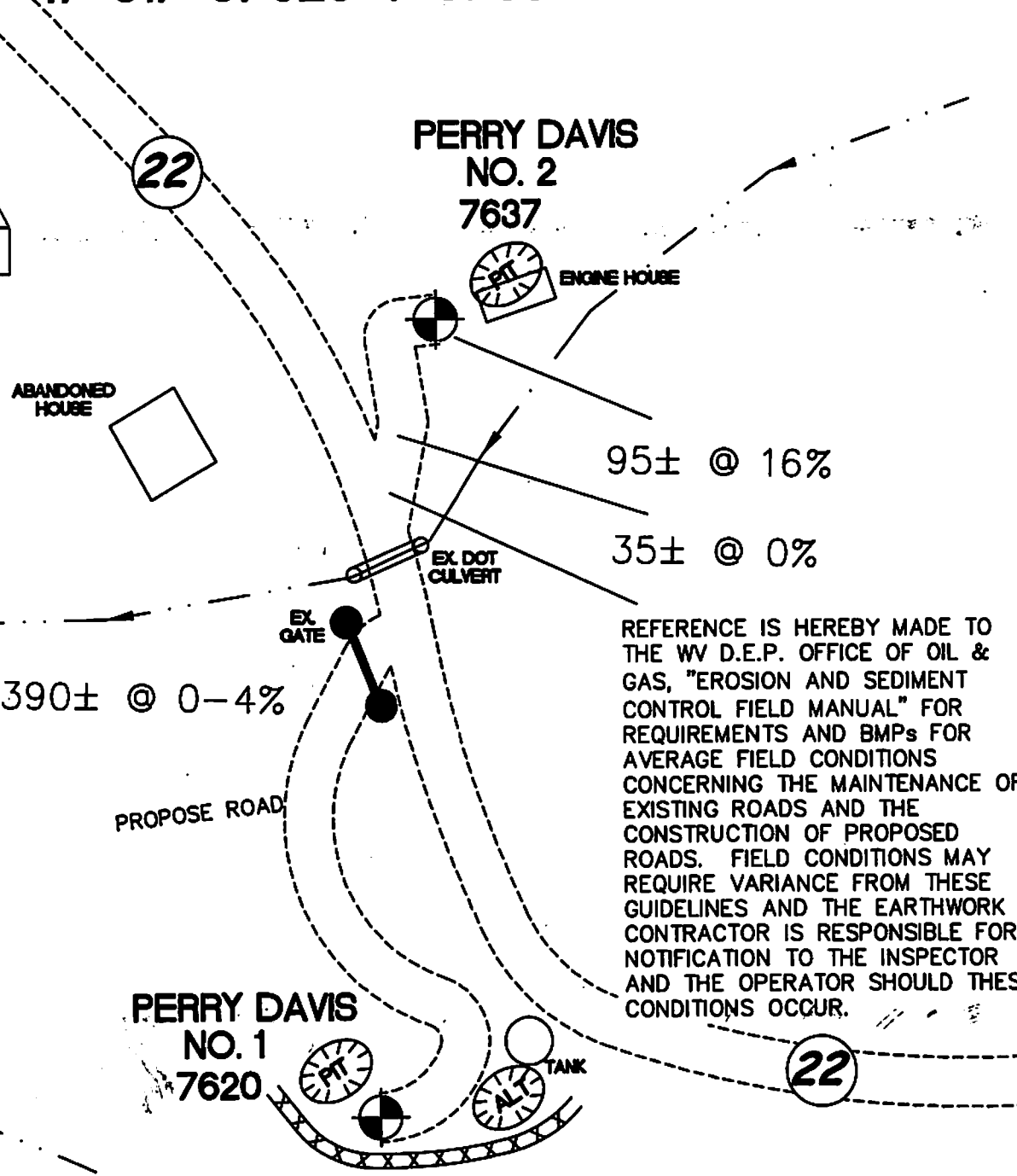
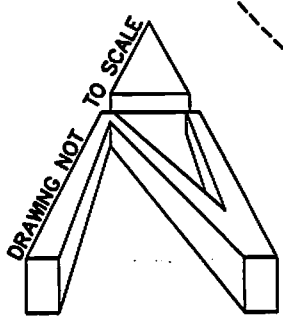
Field Reviewed?  Yes  No

WW9

# PERRY DAVIS NO. 1 + 2

47-017-07620 + 07637

PAGE OF



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.

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

09/17/13  
130603

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

RECEIVED  
Office of Oil and Gas  
FEB 27 2014  
UTILITIES ARE APPROXIMATE, EXACT LOCATION TO BE VERIFIED PRIOR TO CONSTRUCTION  
WV Department of  
Environmental Protection

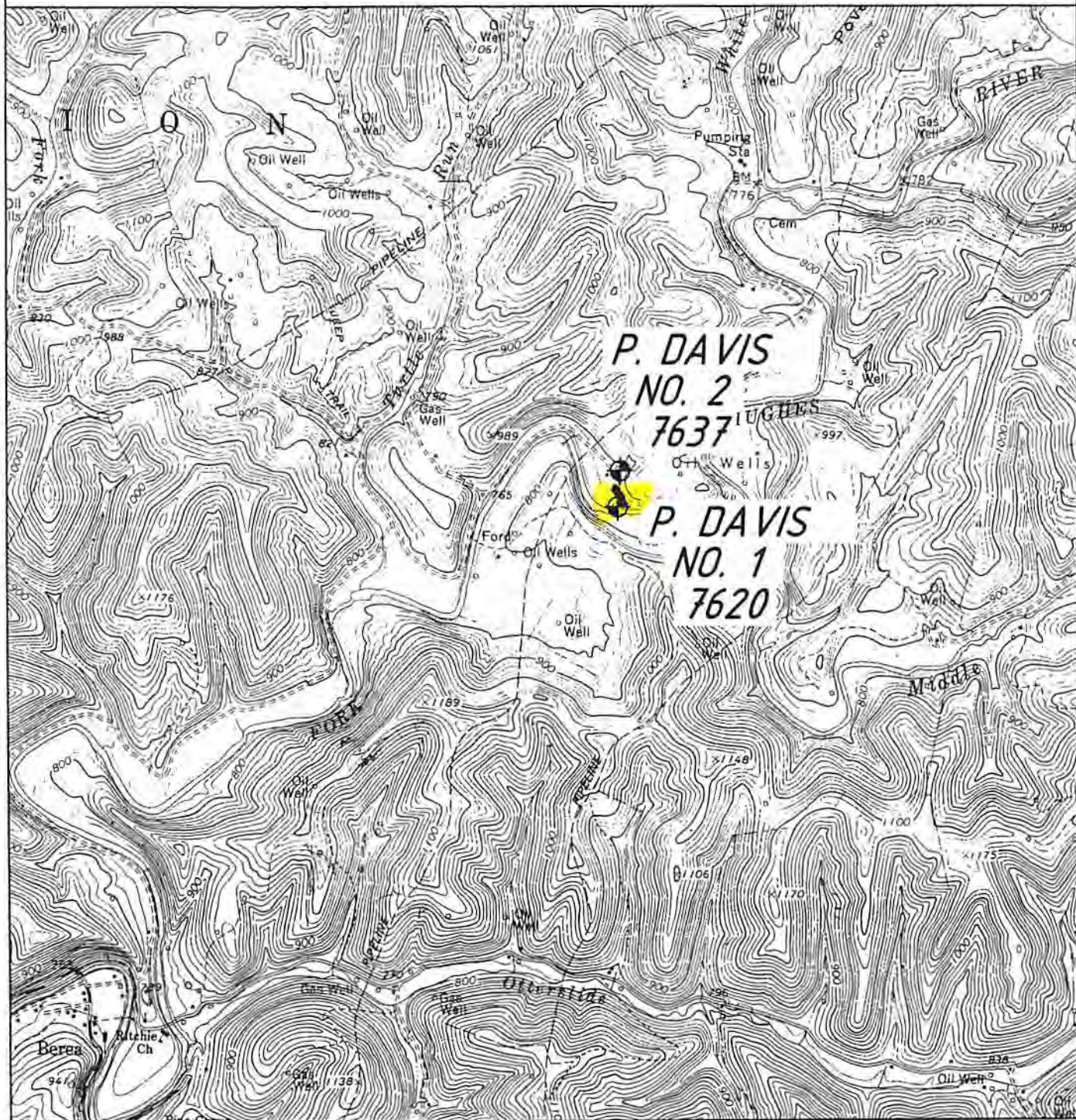
02/28/2014



WW9

# PERRY DAVIS LEASE WELLS 1,2 API NOS. 7620, 7637

PAGE OF



<b>ANGLE RIGHT LAND SURVEYING, LLC</b> PO BOX 681 GRANTSVILLE, WV 26147 (304) 354-0065 130604	<b>OPERATOR</b> JAY-BEE PRODUCTION CO. 1720 RT. 22 EAST EAST UNION, NJ 07083	<b>TOPO SECTION</b> PULLMAN 7.5'	<b>WELL NAME</b> PERRY DAVIS NOS. 1 AND 2
	<b>SCALE:</b> 1"=2000'	<b>DATE:</b> 09/17/2013	



NAD83 LONG.: 80° 54' 31.0"  
DECIMAL: 80.90860

9,565'

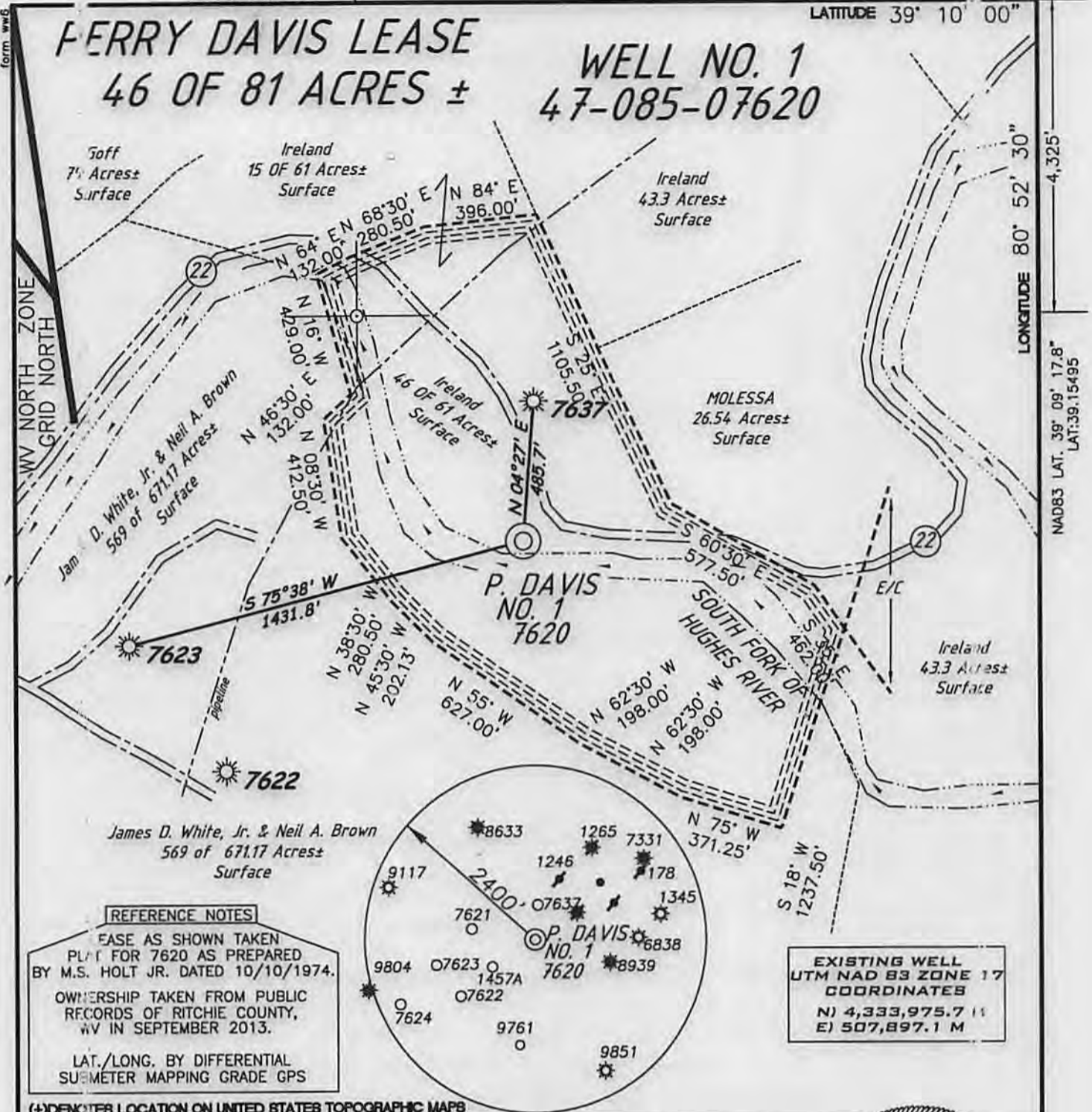
LATITUDE 39° 10' 00"

# FERRY DAVIS LEASE

## 46 OF 81 ACRES ±

### WELL NO. 1

### 47-085-07620



#### REFERENCE NOTES

EASE AS SHOWN TAKEN  
PLAT FOR 7620 AS PREPARED  
BY M.S. HOLT JR. DATED 10/10/1974.  
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) 4,333,975.7 M  
E) 507,897.1 M

(H) DENOTES LOCATION ON UNITED STATES TOPOGRAPHIC MAPS

FILE NUMBER 130603  
DRAWING NUMBER WP10(W20-69)  
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  
OPERATORS WELL NO. WV PERRY DAVIS NO. 1  
API WELL NO. 47-085 07620 P  
STATE COUNTY PERMIT

WELL TYPE: OIL  GAS   LIQUID INJECTION  WASTE DISPOSAL   
(IF 'GAS') PRODUCTION  STORAGE  DEEP  SHALLOW   
LOCATION ELEVATION 761' WATERSHED SOUTH FORK OF HUGHES RIVER  
DISTRICT UNION COUNTY RITCHIE  
QUADRANGLE PULLMAN 7.5' LEASE NUMBER \_\_\_\_\_  
SURFACE OWNER LYNWOD KAY IRELAND ACREAGE ASSESSED 46 OF 61±  
OIL & GAS ROYALTY OWNER PERRY DAVIS HEIRS & ASSIGNS LEASE ACREAGE 81±  
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 BIG INJUN ESTIMATED DEPTH 1,789'  
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

02/28/2014

form wv6  
A.R.L.S.

LONGITUDE 80° 52' 30"  
NAD83 LAT. 39° 09' 17.8"  
LAT: 39.15495