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

March 06, 2015

WELL WORK PLUGGING PERMIT

Plugging

This permit, API Well Number: 47-6100406, issued to P. G. OIL & GAS, 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 penalities 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: 9598
Farm Name: DAVIS, E.
API Well Number: 47-6100406
Permit Type: Plugging
Date Issued: 03/05/2015

Promoting a healthy environment.

6100406P

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.

6100406P

WW-4B
Rev. 2/01

1) Date 12-19-2014
2) Operator's
Well No. ELZA DAVIS#1
3) API Well No. 47-061-00406

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 1058' Watershed ____
District CASS County MON. Quadrangle MORGANTOWN

6) Well Operator P&G OIL & GAS
Address ____

7) Designated Agent PERRY GAINES
Address P O BOX 2512
CLARKSBURG WV 26302

8) Oil and Gas Inspector to be notified
Name Gayne J Knitowski
Address P O Box2
Moundsville WV 26041

9) Plugging Contractor
Name R.L Wharton Enterprises L.T.D.
Address 261 Shiloh Lane
Buckhannon WV 26201

---

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

Check well td gel to surface 1. set cement plug 1635' to ~~1435'~~ 1400' tag 2. set 100' plug at 5 3/16 casing free point 3. set cement elevation plug 1100' to 1000' 4. set cement plug 750' to 650' 5. set cement plug 200' to 0' Erect 7inch monument with date

And API # All plugs using type 1 Cement CLASS A CEMENT WITH NO MORE THAN 3% $CaCl_2$ AND NO OTHER ADDITIVES.

Received
Office of Oil & Gas
JAN 20 2015

GEL MUST BE FRESH WATER WITH AT LEAST 6% BENTONITE, BY WEIGHT AND NO OTHER ADDITIVES.

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

Work order approved by inspector Jeff McLaughlin FOR GAYNE KNITOWSKI. Date 3/05/15

6100406P

GAS DEPT

WELL RECORD

WELL 9518

Map No.

Drilled on

Dist. & Twp.

RIG

Farm of

County—State

Well No.

Acres—Estate in

Lease No.

WELL

Commenced

Completed

Contractor

Work Order No.

Location Made

Commenced Drilling May 10, 1911

Completed

Contractor

Drillers

ROCK FORMATION	TOP	BOTTOM	REMARKS
Conductor	C		
Mapletown Coal	[illegible]	[illegible]	
Pittsburgh Coal	7[illegible]	[illegible]	
Little Dunkard	679	719	
Gas Sand			
1st Salt Sand	1001	1020	
2nd Salt Sand	1051	1218	
Maxton Sand	1260	1357	
Little Lime	1369	1407	
Pencil Cave	1407	1416	
Big Lime	[illegible]		
Big Injun	1410		
Berea			
Gantz Sand			
50 ft. Sand			
30 ft. Sand			
Gordon Stray			
Gordon Sand			
4th Sand			
5th Sand			
Bayard Sand			
Elizabeth			
Speechley			
Brallier			
Weir			
Gantz			
50 ft.			
30 ft.			
Gordon			
4th			
5th			
Total Depth			

PRESSURE AND VOLUME

1 Minute
2 "
3 "
4 "
10 "
15 "
30 "
1 Hour
24 "
Rock
Size of Tubing
Size of Casing
Vol. by Water
" " Mercury
" " Pressure
Open Flow

CONNECTED TO MAIN LINE

Length of Line
Size of Line

DISCONNECTED FROM LINE

CASING RECORD

Size	Left	Pulled	Left	Pulled	Left	Pulled	Left	Pulled	Transported	Sold	Left	Pulled
10	10											
8	8											
6 5/8												
6 5/8			1472									
4 1/2			1504				1504					

Casing Cemented in Well

Company Engineer

Permit no - 061-0406

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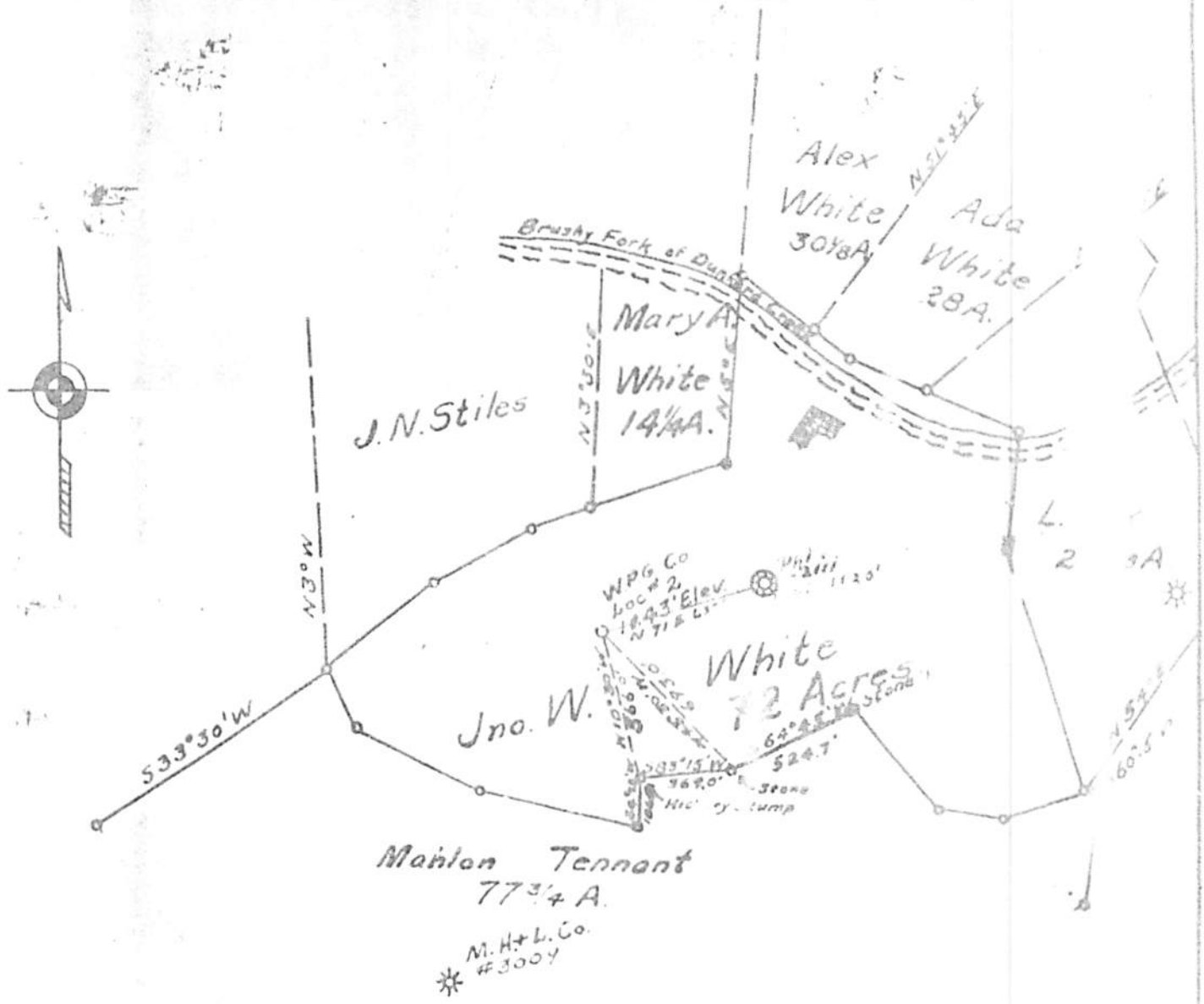
Office of Oil & Gas
JAN 20 2015

6100406P

Plat of the Proposed Location of Well No. 2 of the West Penn Gas Company of Philadelphia, Penna on the Jno. W. White Farm consisting of 72 Acres Located in Battelle District Monongalia County.



Engineer's Report

I, the undersigned, hereby certify that this Map is correct and shows all the information to the best of my knowledge and belief, required by the oil and gas section of the Mining Laws of West Va.

[illegible]
Geologist

Acknowledged before me a [illegible] this [illegible] day of September [illegible] 1931.

[illegible]

6100406P

WW-4A
Revised 6-07

1) Date: 10-31-2014
2) Operator's Well Number
ELZA DAVIS #1

3) API Well No 47 -061-0406

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
NOTICE 0F APPLICATION TO PLUG AND ABANDON A WELL

4) Surface Owner(s) to be served:
(a) Name James Paul Smith
Address 630 Bethel Church Rd
Maidville WV 26541
(b) Name
Address
(c) Name
Address

5) (a) Coal Operator
Name James Paul Smith
Address 630 Bethel Church Rd
Maidville Wv 26541
(b) Coal Owner(s) with Declaration
Name
Address
Name
Address
(c) Coal Lessee with Declaration
Name
Address

6) Inspector Gayne J Knitowski
Address PO BOX 2
MOUNDSVILLE WV
Telephone

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.

OFFICIAL SEAL
NOTARY PUBLIC
STATE OF WEST VIRGINIA
KATHERINE HART
429 Buckhannon Pike
Nutter Fort, West Virginia 26301
My Commission Expires Apr. 30, 2024

Well Operator P. G.OIL &GAS LLc
By: PERRY GAINES
Its: Owner
Address PO BOX 2512
Clarksburg wv 26302
Telephone 304-669-5924

Received
Office of Oil & Gas
JAN 20 2015

Subscribed and sworn before me this 16th day of Jan 2015
Katherine Hart Notary Public
My Commission Expires April 30, 2024

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.

6100406P

7013 1090 0001 6080 2219

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MAIDSVILLE WV 26541

OFFICIAL USE

Postage	$ $0.49	0850
Certified Fee	$3.30	05
Return Receipt Fee (Endorsement Required)	$2.70	Postmark Here
Restricted Delivery Fee (Endorsement Required)	$0.00	
Total Postage & Fees	$ $6.49	12/26/2014

Sent To

Street, Apt. No.; or PO Box No.

City, State, ZIP+4

PS Form 3800, August 2005 See Reverse for Instructions

Issue Postage: $2.03

PITTSBURGH PA 15212 Zone-2

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

James Paul Smyth
630 Bethel Church Rd
Maidsville, WV
26541

COMPLETE THIS SECTION ON DELIVERY

A. Signature
x James Paul Smyth ☐ Agent ☐ Addressee

B. Received by (Printed Name) JAMES PAUL SMYTH
C. Date of Delivery 01/05/15

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

JAN 06 2015

3. Service Type
☐ Certified Mail® ☐ Priority Mail Express™
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ Collect on Delivery

4. Restricted Delivery? (Extra Fee) ☐ Yes

2. Article Number (Transfer from service label) 7013 1090 0001 6080 2219

PS Form 3811, July 2013 Domestic Return Receipt

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Office of Oil & Gas
JAN 20 2015

6100406P

WW-9
Rev. 02/01

API Number 47 - 061 - 00406
Operator's Well # ELZA DAVIS

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 P. G. OIL &GAS OP Co 494457788 -BOND 01-1

Watershed CASS Quadrange MORGANTOWN NORTH

Elevation 1058' County MONONGALIA District CASS
Description of anticipated Pit Waste: no fluid expected

Will a synthetic liner be used in the pit? N/A.

ANY WELL EFFLUENT MUST BE CONTAINED IN TANKS AND DISPOSED OF PROPERLY. gwm

Proposed Disposal Method For Treated Pit Wastes:
- ____ Land Application
- ____ Underground Injection (UIC Permit Number ____)
- ____ Reuse (at API Number ____)
- ____ Off Site Dispposal (Supply form WW-9 for disposal location)
- X Other CONTROL IN HOLE

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Office of Oil & Gas
JAN 20 2015

Proposed Work For Which Pit Will Be Used:
- ____ Drilling
- ____ Swabbing
- ____ Workover
- X Plugging
- ____ Other (Explain ____

I certify that I understand and agree to the terms and conditions of the GENERAL WATER POLLUTION PERMIT issued on December 31, 1999, 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 Perry Gaines

Company Official (Typed Name) PERRY GAINES

Company Official Title OWNER

Subscribed and sworn before me this 16th day of Jan, 2015

Katherine Hart Notory Public

My commission expires April 30, 2024

OFFICIAL SEAL
NOTARY PUBLIC
STATE OF WEST VIRGINIA
KATHERINE HART
429 Buckhannon Pike
Nutter Fort, West Virginia 26301
My Commission Expires Apr. 30, 2024

6100406P

LEGEND

Property Boundary	Diversion
Road	Spring
Existing Fence	Wet Spot
Planned Fence	Drain Pipe with size in inches
Stream	Waterway
Open Ditch	Cross Drain
Rock	Artificial Filter Strip
North	Pit: cut walls
Buildings	Pit: compacted fill walls
Water wells	Area for Land Application of Pit Waste
Drill site	

Proposed Revegetation Treatment: Acres Disturbed _____< 1_____ Prevegetation pH _____6.5_____

Lime _____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_____Tons/acre

Seed Mixtures

Area I Seed Type	lbs/acre	Area II Seed Type	lbs/acre
PASTURE MIX	15LBS		

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

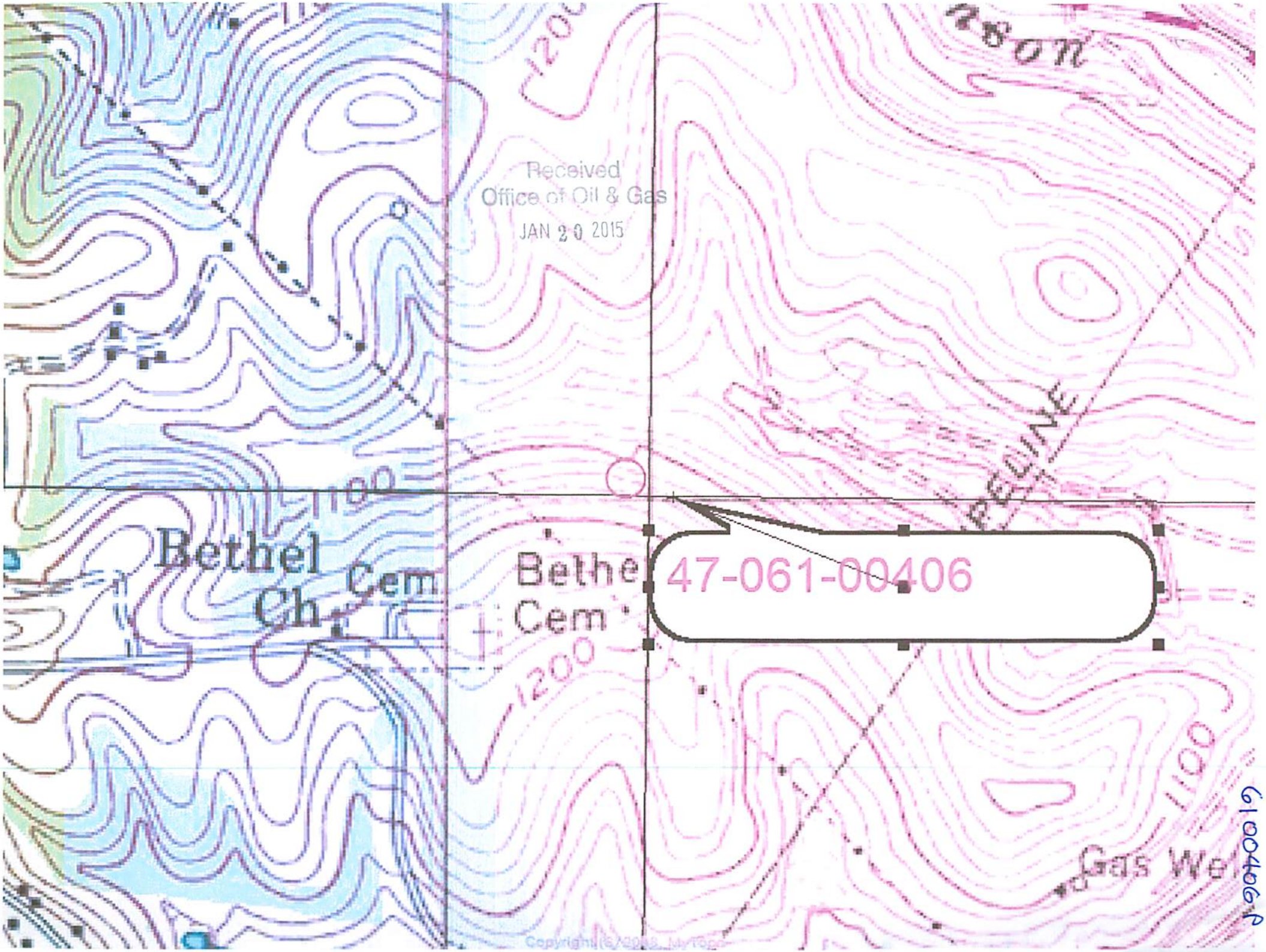
Photocopied section of involved 7.5' topographic sheet.

Office of Oil & Gas
JAN 20 2015

Plan Approved by:_____

Title:_____ Date:_____

Field Reviewed? (_____) Yes (_____) No



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JAN 20 2015

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6100406P

WW-7
8-30-06

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

API:47-061-00406_____ WELL NO.:ELZA DAVIS #1

FARM NAME: _____ELZA DAVIS _____

RESPONSIBLE PARTY NAME: ___PERRY GAINES_____

COUNTY: __Monongalia _____ DISTRICT: Cass 2

QUADRANGLE: ____Morgantown North 484

SURFACE OWNER__James Paul Smith_____

ROYALTY OWNER: _____James Paul Smith_____

UTM GPS NORTHING:_4394024.5

UTM GPS EASTING: 585970.8 GPS ELEVATION:_1058

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:

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 _____

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

Received
Office of Oil & Gas
JAN 20 2015

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.

_____ OWNER
Signature Title

1-16-15
Date