



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

July 17, 2015

WELL WORK PLUGGING PERMIT

Plugging

This permit, API Well Number: 47-9900079, issued to BILL AND JESSE, INC. 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: 1

Farm Name: RONK, ALBERT

API Well Number: 47-9900079

Permit Type: Plugging

Date Issued: 07/17/2015

Promoting a healthy environment.

07/17/2015

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.

Hankins, Melanie S

From: Hankins, Melanie S
Sent: Wednesday, June 10, 2015 9:06 AM
To: 'cjminerals@frontier.com'
Cc: Stansberry, Wade A (Wade.A.Stansberry@wv.gov); McLaughlin, Jeffrey W
Subject: Surface Owner Comment: Plugging Application API 99-00079
Attachments: Surface Owner Comment.rtf

Mr. Smith,

Attached is a Surface Owner Comment for Plugging Application API 99-00079. Please respond to the commenter and send a copy of your response to Wade Stansberry's or my attention. If you have any questions please let me know.

Thank you,

Melanie S. Hankins

Environmental Technician
West Virginia Department of Environmental Protection
Office of Oil & Gas
601 57th St. SE
Charleston, WV 25304
(304) 926-0499 ext. 1649
(304) 926-0452 fax
Melanie.S.Hankins@wv.gov



99 00079 P

Chief, Office of Oil and Gas
Department of Environmental Protection
James Martin
601 57th St. SE
Charleston, WV 25304

Mr. Martin,

Concerning the plugging of Well API#099-00079, my only real concerns are is that the access road to the well has alot of water holes and mud holes with natural springs. I see no way to wrk the road with a dozer, without making it worse and causing run-off into the nearby creek approximatley 20' from the road.

I am suggesting that the well operator put rock or gravel in these bad places and to use silk fence and or straw bales to barricade the run-off.

We are in full cooperation to the Department of Environmental Protection, Office of Oil and Gas, for Mr. Smith to get this word done ASAP.

Thank you
Robert Mark Christian
2056 Patrick Creek Road
Wayne, WV 25570
304-272-3747 Home
304-654-4200 Cell

Received

JUN - 9 2015

Office of Oil and Gas
WV Dept. of Environmental Protection

Called Mr Christian on
7/16/15. He is OK with
OPERATIONS RESPONSE.
JMM.

07/17/2015

Hankins, Melanie S

From: Hankins, Melanie S
Sent: Wednesday, June 10, 2015 9:44 AM
To: McLaughlin, Jeffrey W; Stansberry, Wade A (Wade.A.Stansberry@wv.gov)
Subject: FW: Surface Owner Comment: Plugging Application API 99-00079

From: CJ Minerals [<mailto:cjminerals@frontier.com>]
Sent: Wednesday, June 10, 2015 9:42 AM
To: Hankins, Melanie S
Subject: Re: Surface Owner Comment: Plugging Application API 99-00079

There is no problem with a couple loads of rock or the silt fence being placed on the road.. I will work with Mr Christian on this.. I don't see any problems...

----- Original Message -----
From: Hankins, Melanie S
To: cjminerals@frontier.com
Cc: [Stansberry, Wade A](#) ; [McLaughlin, Jeffrey W](#)
Sent: Wednesday, June 10, 2015 9:06 AM
Subject: Surface Owner Comment: Plugging Application API 99-00079

Mr. Smith,

Attached is a Surface Owner Comment for Plugging Application API 99-00079. Please respond to the commenter and send a copy of your response to Wade Stansberry's or my attention. If you have any questions please let me know.

Thank you,

Melanie S. Hankins

Environmental Technician
West Virginia Department of Environmental Protection
Office of Oil & Gas
601 57th St. SE
Charleston, WV 25304
(304) 926-0499 ext. 1649
(304) 926-0452 fax
Melanie.S.Hankins@wv.gov



9900079P

WW-4B
Rev. 2/01

1) Date 5-22-, 2015
2) Operator's Well No. 306659
3) API Well No. 47-099-00079

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

5) Location: Elevation 746' Watershed PATRICK CREEK
District BUTLER County WYNGE Quadrangle

6) Well Operator BILL AND JESSE INC 7) Designated Agent C J SMITH
Address P.O. BOX 268 Address P.O. BOX 268
BARBOURSVILLE WV 25504 BARBOURSVILLE, WV 25504

8) Oil and Gas Inspector to be notified Name JEREMY JAMES
Address P.O. BOX 147
ENA, WV 25545
9) Plugging Contractor Name
Address

10) Work Order: The work order for the manner of plugging this well is as follows:
PULL SUCKER RODS & 2" TUBING - RUN IN HOLE WITH WORK STRING TO TO 1997
SET 100' PLUG TO 1997 - ATTEMPT TO PULL 6 5/8" - IF UNABLE TO PULL SET CEMENT PLUG
1570'-1470' - FREE POINT 6 5/8" AND CUT ~~TRAIL~~ - SET CEMENT PLUG 1260-1160 -
SET CEMENT PLUG ~~600'-450'~~ ^{700'} - SET CEMENT PLUG 100' - SURFACE.
6% SELL TO BE USED BETWEEN ALL PLUGS.
TAG ALL CEMENT PLUGS AND RESET IF NEEDED.
SET MONUMENT 36" height with API # AND DATE PLUGGED

Received

JUN - 3 2015

Office of Oil and Gas
WV Dept. 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 [Signature] Date 5-27-15

07/17/2015

099-79

WEST VIRGINIA DEPARTMENT OF MINES

OIL AND GAS DIVISION

PRELIMINARY DATA SHEET NO. 1

Well No 7

9200

File No _____ Well No ~~47-79~~

Edward Oil & Gas Co Company of Huntington W Va

on the Albert Rock Farm

containing 96 acres. Location Patrick Creek

Burlew District, in Wayne County, West Virginia

The surface of the above tract is owned in fee by Albert Rock

of Wayne (R 2nd) W Va address, and the mineral rights are owned by

James of

The oil and gas privileges are held under lease by the above named company, and this well is drilled under permit

No. 704-79 issued by the West Virginia Department of Mines, Oil and Gas Division

Aug 7 1984

JUN - 3 2015

Elevation of surface at top of well, _____ Spirit Barometric.

Office of Oil and Gas
WV Dept. of Environmental Protection

The number of feet of the different sized casings used in the well:

19 feet 10 inch size Wood conductor

1520 feet 4 5/8 size, csg. feet sized csg.

1997 feet 2 inch size, csg. feet sized csg.

feet size, csg. feet sized csg.

packer of size, set at

packer of size, set at

in casing perforated at feet to feet

in casing perforated at feet to feet

Coal was encountered at 710 Coal feet, thickness inches, and at

feet; thickness inches; and at feet; thickness inches.

07/17/2015

9900079P

6-11

WAY-79

79

OIL OR GAS WELL

oil

Edward Oil Co Company

Sanctington Address

WELL NO

FARM

Rank

COMPLETION DATA SHEET

No. 2

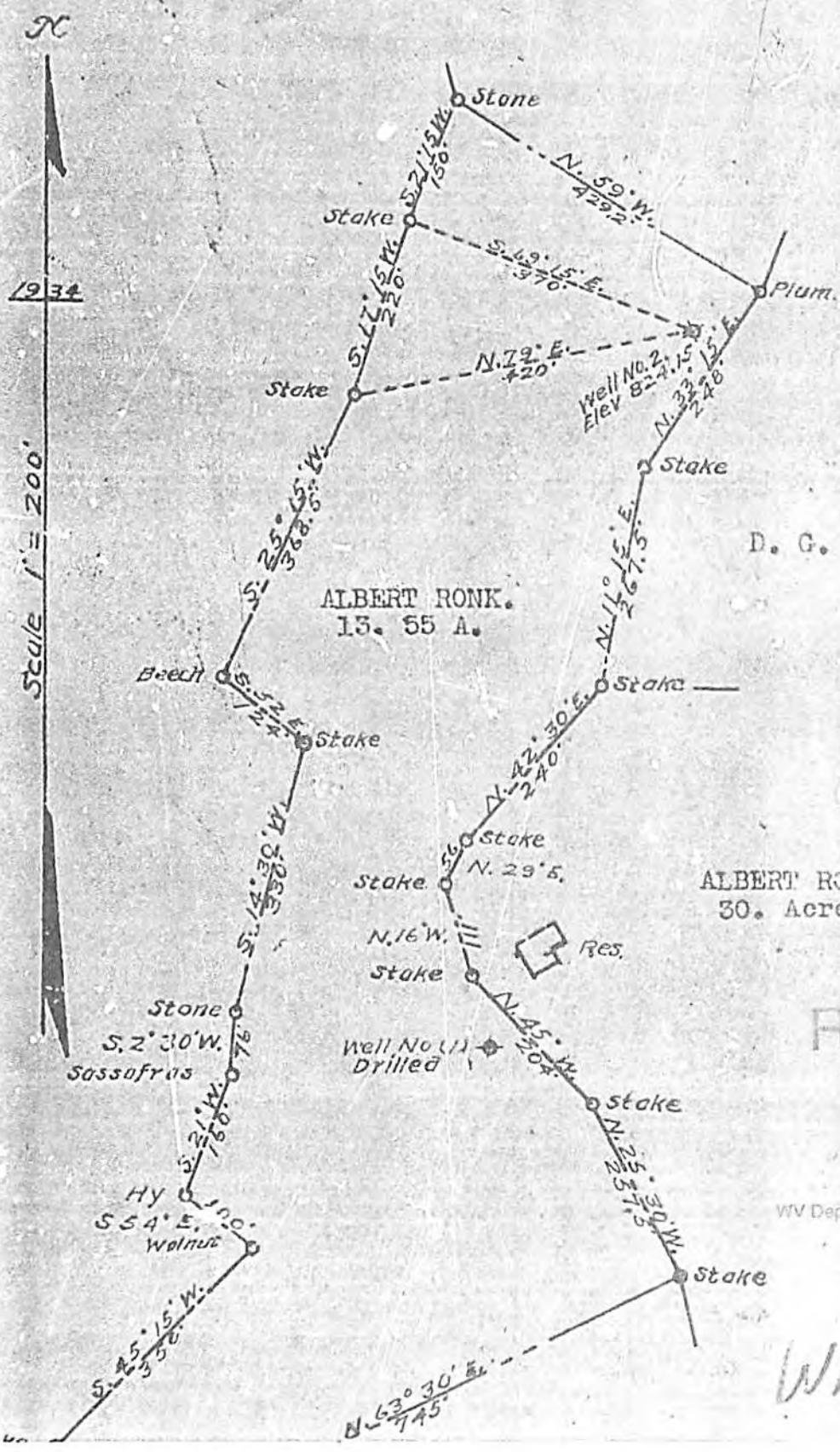
FORMATION RECORD

| Name | Color | Character | Oil Gas or Water | Top | Bottom | Thickness | Total Depth | Rem |
|---------------|-------|-----------|------------------|------|--------|-----------|-------------|-----|
| Surface | | | | 0 | 10 | 10 | | |
| Clay | | | | 10 | 20 | 10 | | |
| Shale | | | | 20 | 50 | 30 | | |
| Sand | | | | 50 | 100 | 50 | | |
| Shale | | | | 100 | 250 | 150 | | |
| Sand | | | | 250 | 300 | 50 | | |
| Shale | | | | 300 | 320 | 20 | | |
| Sand | | | | 320 | 375 | 55 | | |
| Shale | | | | 375 | 520 | 145 | | |
| Sand | | | | 520 | 560 | 40 | | |
| Shale | | | | 560 | 854 | 294 | | |
| Sand | | | | 854 | 1140 | 286 | | |
| Shale | | | | 1140 | 1190 | 50 | | |
| Light Lime | | | | 1190 | 1210 | 20 | | |
| Big Sand | | | | 1210 | 1359 | 149 | | |
| Sand | | | | 1359 | 1505 | 146 | | |
| Block Lime | | | | 1505 | 1545 | 40 | | |
| Shale (Shale) | | | | 1545 | 1955 | 410 | | |
| Brown Shale | | | | 1955 | 1976 | 21 | | |
| Beach Sand | | | | 1976 | 1983 | 7 | | |
| Shale | | | | 1983 | 1997 | 14 | | |

07/17/2015

9900079A

Plat of the proposed location of well No. (2) of THE EDWARD OIL and GAS COMPANY, of Huntington, W. Va. on the ALBERT RONK farm, consisting of 13.55 acres, located in Butler District Wayne County.



D. G. SPURLOCK.

ALBERT RONK.
13.55 A.

ALBERT RONK
30. Acres.

Received

JUN - 3 2015

Office of Oil and Gas
WV Dept. of Environmental Protection

WAY-79
07/17/2015

7/28/34

9900079P

WW-4A
Revised 6-07

1) Date: 8-22-15
2) Operator's Well Number
306659
3) API Well No.: 47 - 099 . 00079P

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>MARK CHRISTIAN</u> | Name <u>NA</u> |
| Address <u>2096 PATRICK CK ROAD</u> | Address _____ |
| <u>WAYNE, WV 25570</u> | _____ |
| (b) Name _____ | (b) Coal Owner(s) with Declaration |
| Address _____ | Name <u>NA</u> |
| _____ | Address _____ |
| (c) Name _____ | Name _____ |
| Address _____ | Address _____ |
| _____ | _____ |
| 6) Inspector <u>JEREMY JAMES</u> | (c) Coal Lessee with Declaration |
| Address <u>P.O. Box 147</u> | Name <u>NA</u> |
| <u>ONA, WV 25545</u> | Address _____ |
| 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.

Received

Well Operator BILL AND JESSE INC
 By: CYNDY SMITH
 Its: VICE PRESIDENT
 Address PO BOX 268
BARBOURSVILLE WV 25504
 Telephone 304-638-8956
CJMINERALS@Frontier.com

Office of Oil and Gas
WV Dept. of Environmental Protection

Subscribed and sworn before me this 29th day of May 2015

My Commission Expires Sept. 27, 2016



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.

07/17/2015

SURFACE OWNER WAIVER

Operator's Well
Number

099-00079 P

INSTRUCTIONS TO SURFACE OWNERS NAMED ON PAGE WW4-A

The well operator named on page WW-4A is applying for a permit from the State to plug and abandon a well. (Note: If the surface tract is owned by more than three persons, then these materials were served on you because your name appeared on the Sheriff's tax ticket on the land or because you actually occupy the surface tract. In either case, you may be the only owner who will actually receive these materials.) See Chapter 22 of the West Virginia Code. Well work permits are valid for 24 months. If you do not own any interest in the surface tract, please forward these materials to the true owner immediately if you know who it is. Also, please notify the well operator and the Office of Oil and Gas.

**NOTE: YOU ARE NOT REQUIRED TO FILE ANY COMMENT.
WHERE TO FILE COMMENTS AND OBTAIN ADDITIONAL INFORMATION:**

Chief, Office of Oil and Gas
Department of Environmental Protection
601 57th St. SE
Charleston, WV 25304
(304) 926-0450

Time Limits and methods for filing comments. The law requires these materials to be served on or before the date the operator files his Application. You have **FIVE (5) DAYS** after the filing date to file your comments. Comments must be filed in person or received in the mail by the Chief's office by the time stated above. You may call the Chief's office to be sure of the date. Check with your postmaster to ensure adequate delivery time or to arrange special expedited handling. If you have been contacted by the well operator and you have signed a "voluntary statement of no objection" to the planned work described in these materials, then the permit may be issued at any time.

Comments must be in writing. Your comments must include your name, address and telephone number, the well operator's name and well number and the approximate location of the proposed well site including district and county from the application. You may add other documents, such as sketches, maps or photographs to support your comments.

The Chief has the power to deny or condition a well work permit based on comments on the following grounds:

- 1) The proposed well work will constitute a hazard to the safety of persons.
- 2) The soil erosion and sediment control plan is not adequate or effective;
- 3) Damage would occur to publicly owned lands or resources;
- 4) The proposed well work fails to protect fresh water sources or supplies;
- 5) The applicant has committed a substantial violation of a previous permit or a substantial violation of one or more of the rules promulgated under Chapter 22, and has failed to abate or seek review of the violation...".

If you want a copy of the permit as it is issued or a copy of the order denying the permit, you should request a copy from the Chief.

VOLUNTARY STATEMENT OF NO OBJECTION

I hereby state that I have read the instructions to surface owners and that I have received copies of a Notice and Application For A Permit To Plug And Abandon on Forms WW-4A and WW-4B, and a survey plat.

I further state that I have no objection to the planned work described in these materials, and I have no objection to a permit being issued on those materials.

**FOR EXECUTION BY A NATURAL PERSON
ETC.**

FOR EXECUTION BY A CORPORATION,

| | | |
|-----------|------------|------------|
| _____ | Date _____ | Name _____ |
| Signature | | By _____ |
| | | Its _____ |
| | | Date _____ |

Signature

Date

07/17/2015

Received
JUN - 3 2015

Office of Oil and Gas
WV Dept. of Environmental Protection

WW-9
(2/15)

9900079P

API Number 47 - 099 - 00079

Operator's Well No. 2

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

FLUIDS/ CUTTINGS DISPOSAL & RECLAMATION PLAN

Operator Name Bill and Jesse Inc. OP Code 306659

Watershed (HUC 10) Patrick Creek Quadrangle Wayne

Do you anticipate using more than 5,000 bbls of water to complete the proposed well work? Yes No

Will a pit be used? Yes No

If so, please describe anticipated pit waste: Gel water, Cement water and oil

Will a synthetic liner be used in the pit? Yes No If so, what ml.?

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 _____)

Will closed loop system be used? If so, describe: 100 barrel steel pit

Drilling medium anticipated for this well (vertical and horizontal)? Air, freshwater, oil based, etc. N/A

-If oil based, what type? Synthetic, petroleum, etc. N/A

Additives to be used in drilling medium? N/A

Drill cuttings disposal method? Leave in pit, landfill, removed offsite, etc. N/A

-If left in pit and plan to solidify what medium will be used? (cement, lime, sawdust) N/A

-Landfill or offsite name/permit number? N/A

Permittee shall provide written notice to the Office of Oil and Gas of any load of drill cuttings or associated waste rejected at any West Virginia solid waste facility. The notice shall be provided within 24 hours of rejection and the permittee shall also disclose where it was properly disposed.

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 Clyde J. Smith JUN - 3 2015

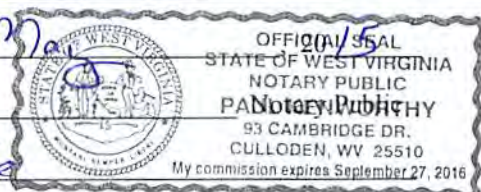
Company Official (Typed Name) Clyde J Smith

Company Official Title Vice President

Office of Oil and Gas
WV Dept. of Environmental Protection

Subscribed and sworn before me this 29th day of May

Paul Kennedy
My commission expires Sept. 27, 2016



07/17/2015

Bill and Jesse Inc.

Proposed Revegetation Treatment: Acres Disturbed 0.5 Prevegetation pH _____

Lime _____ Tons/acre or to correct to pH _____

Fertilizer type 10-20-20

Fertilizer amount 250 lbs/acre

Mulch straw Tons/acre

Seed Mixtures

Temporary

Permanent

| Seed Type | lbs/acre |
|------------|----------|
| Fescue | 50# |
| Annual Rye | 40# |
| | |
| | |

| Seed Type | lbs/acre |
|-----------|----------|
| | |
| | |
| | |

Attach:

Drawing(s) of road, location, pit and proposed area for land application (unless engineered plans including this info have been provided)

Photocopied section of involved 7.5' topographic sheet.

Plan Approved by: _____

Comments: WELL LOCATION 38.21518; 082.49513

Received

JUN - 3 2015

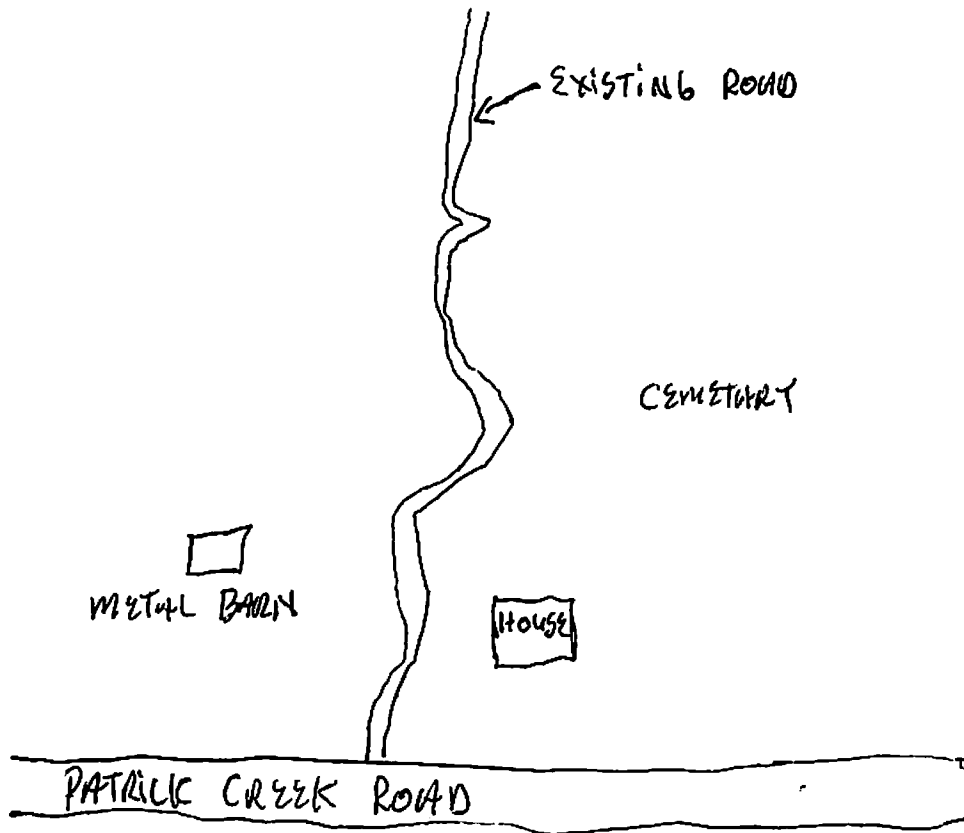
Title: _____

Date: _____

Office of Oil and Gas
WV Dept. of Environmental Protection

Field Reviewed? () Yes () No

○ 47-099-00079



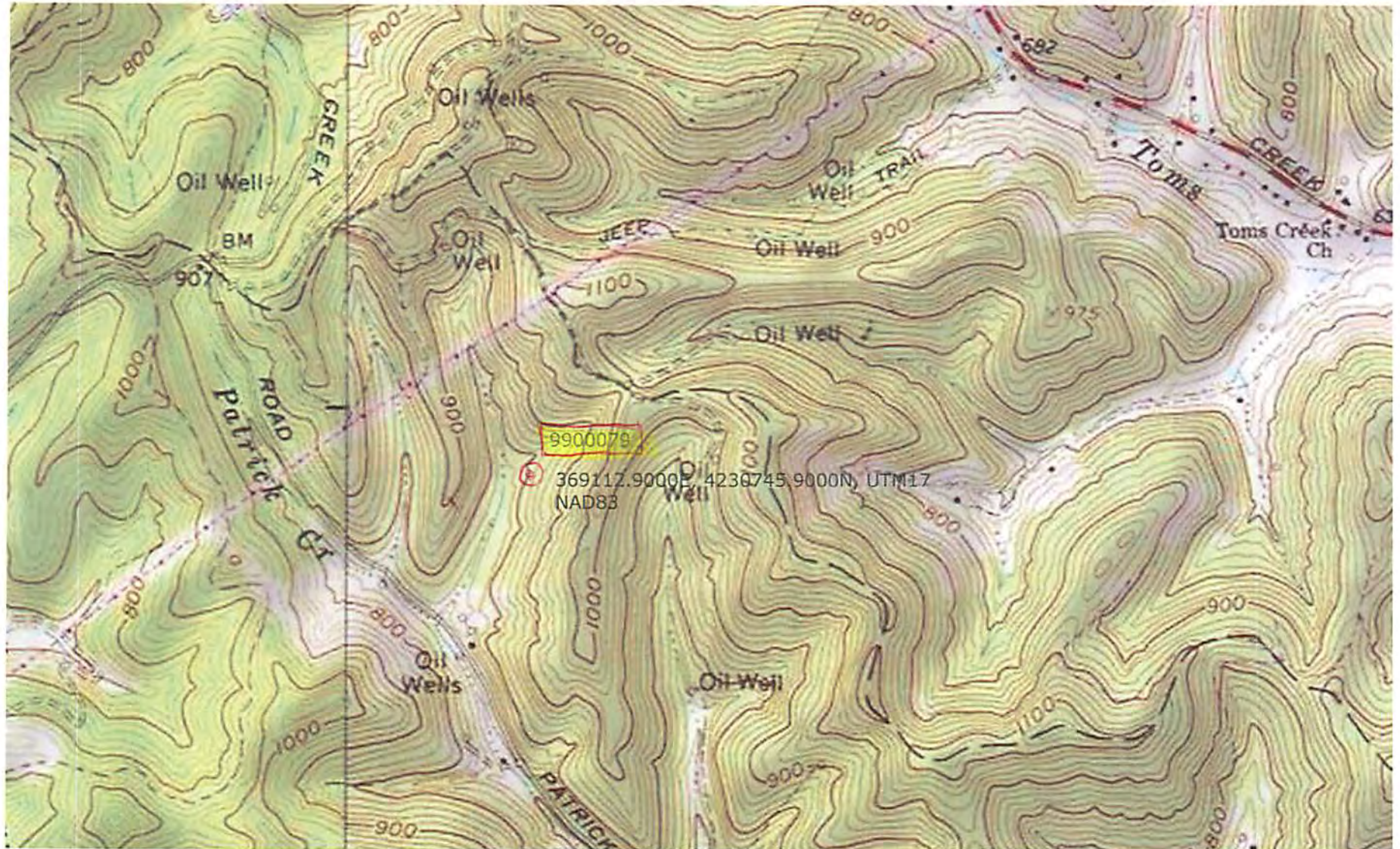
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JUN - 3 2015

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WV Dept. of Environmental Protection

07/17/2015

9900079P



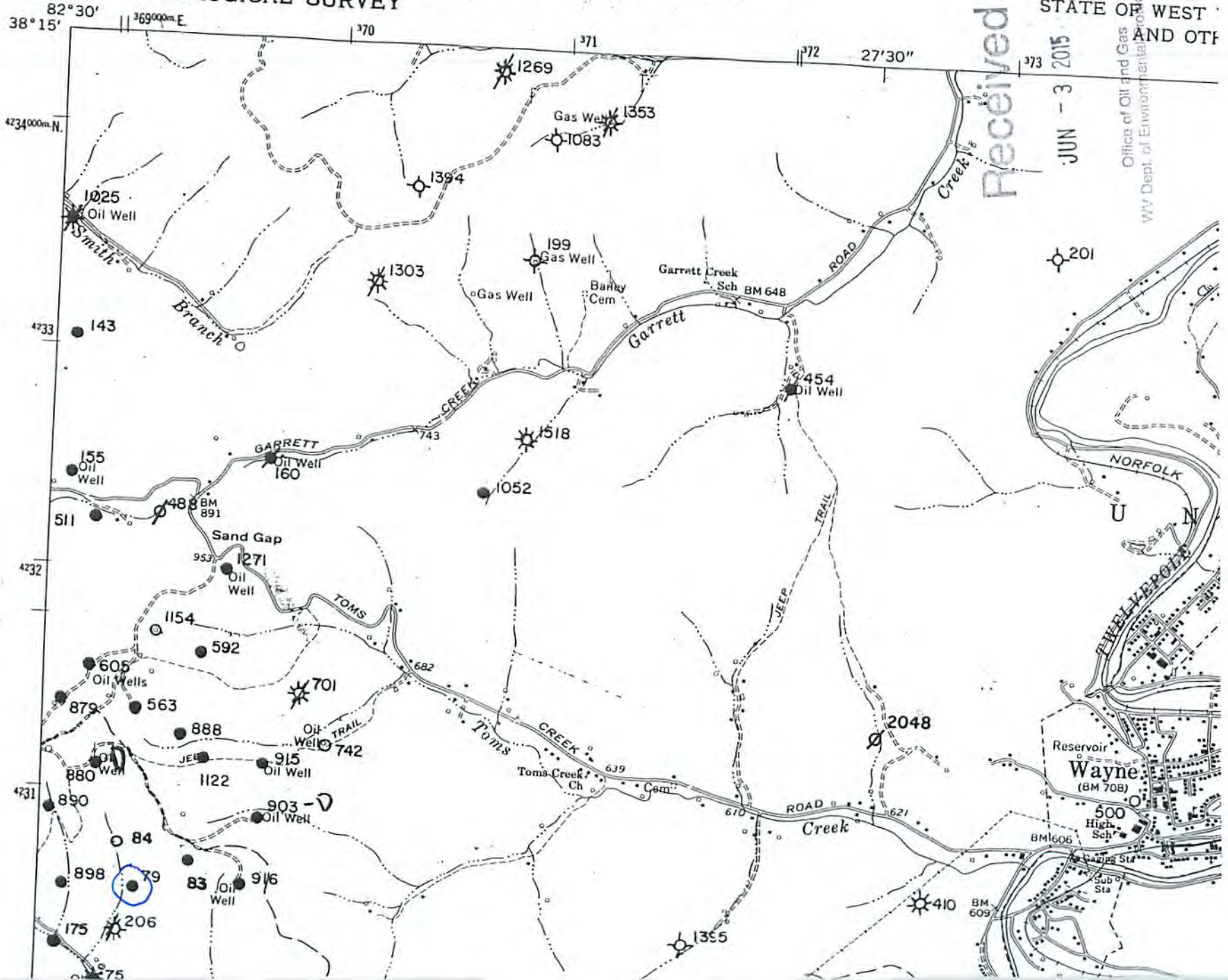
9900079A

4°40' SE
(BURNAUGH)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

STATE COPY

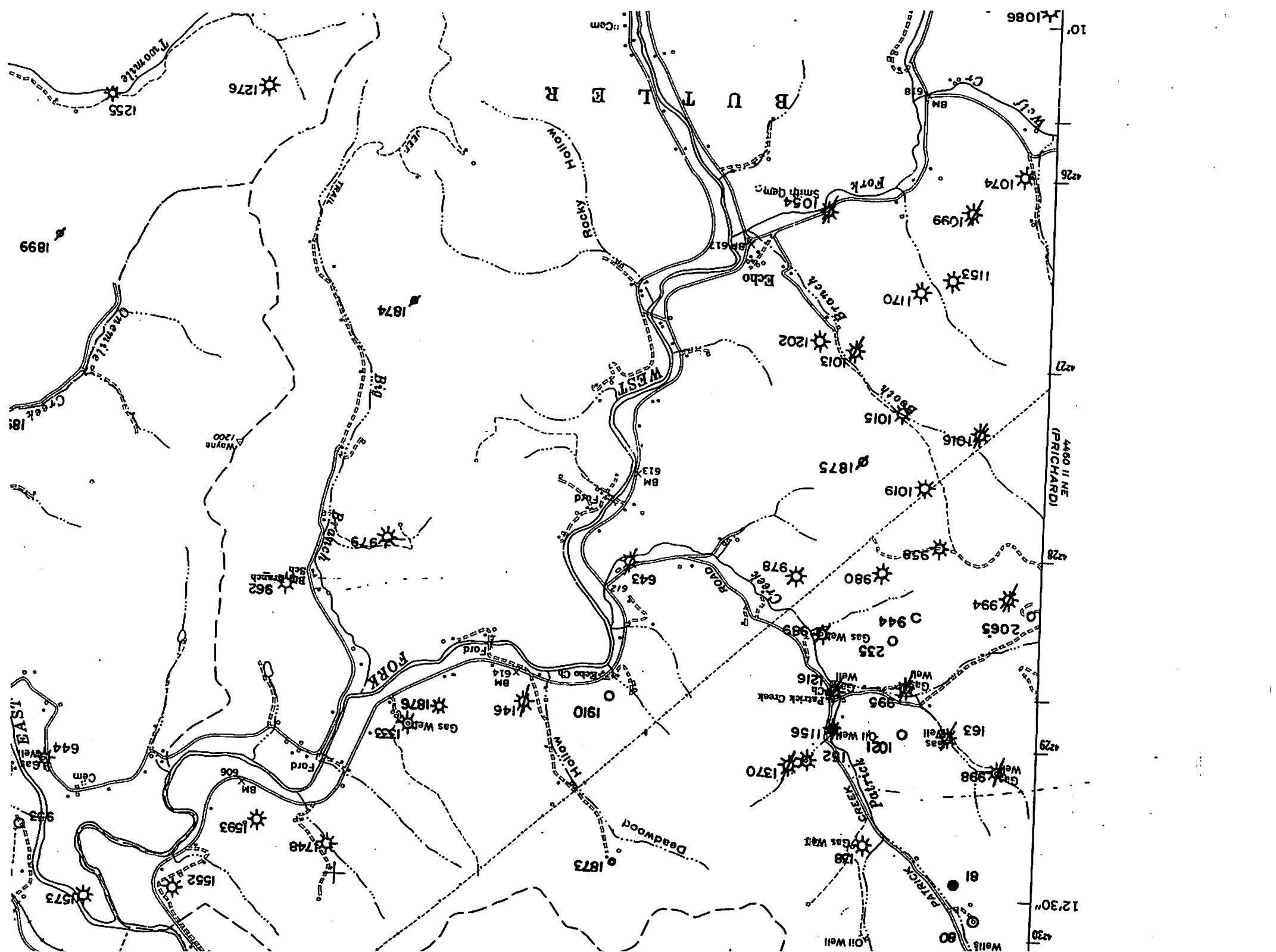
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STATE OF WEST
AND OTH



Received

JUN - 3 2015

Office of Oil and Gas
WV Dept. of Environmental Protection



9900079P

WW-7
8-30-06



West Virginia Department of Environmental Protection
Office of Oil and Gas

WELL LOCATION FORM: GPS

API: 47-099-00079 WELL NO.: 2

FARM NAME: Ronk

RESPONSIBLE PARTY NAME: Bill and Jesse Inc.

COUNTY: Wayne DISTRICT: Butler

QUADRANGLE: Wayne

SURFACE OWNER: Mark Christian

ROYALTY OWNER: Mark Christian

UTM GPS NORTHING: 4230745.9

UTM GPS EASTING: 369112.9 , GPS ELEVATION: 746-800'

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

Received

JUN - 3 2015

Office of Oil and Gas
WV Dept. of Environmental Protection

4. 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.

Clyde A Smith
Signature

Vice President
Title

6-2-2015
Date

07/17/2015