



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

October 31, 2013

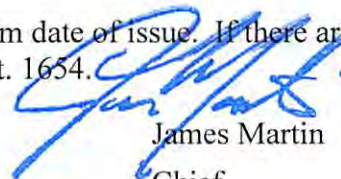
WELL WORK PLUGGING PERMIT

Plugging

This permit, API Well Number: 47-8300666, issued to SENECA-UPSHUR PETROLEUM, 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 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: GOBELI #1 (1-1764)
Farm Name: GOBELI, ARTHUR
API Well Number: 47-8300666
Permit Type: Plugging
Date Issued: 10/31/2013

Promoting a healthy environment.

11/01/2013

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 8/29/2013, 20__
2) Operator's
Well No. 1-1764 Gobel #1
3) API Well No. 47-083 - 00666

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 X or Underground storage ___) Deep ___ / Shallow X

5) Location: Elevation 2370' Watershed Left Fork Buckhannon River
District Middle Fork 05 County Randolph 83 Quadrangle Pickens 7.5' 546

6) Well Operator Seneca-Upshur Petroleum, LLC 7) Designated Agent Jamie Haga
~~PDC Mountaineer LLC~~ Address 120 Genesis Blvd
Address 120 Genesis Blvd
Bridgeport WV 26330 Bridgeport WV 26330

8) Oil and Gas Inspector to be notified Name Bill Hatfield
Address P. O. Box 522
Buckhannon WV 26201
9) Plugging Contractor Name Hydrocarbon Well Service
Address DRAWER 995
Buckhannon, West Virginia, WV 26201

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

Check TD, Load hole with gel

Set cement plug from 4694' to 4407' then from 3344' to 3230' then from 1157' to 1043'

then from 888' to 644'. Swab well down to 240' and set monument

Remove all casing possible
Bottom Plug - 5065-4965
Plug at all casing cuts
Plug at all coal & fresh water zones
Plug above shallowest salt water zone

CEMENT FROM 240' TO SURFACE, AND SET MONUMENT.

Received

OCT 10 2013

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 Bill Hatfield Date 10/3/2013

8300666P

RECEIVED

OCT 29 1982



IV-35 (Rev 8-81)

OIL AND GAS DIVISION WV DEPARTMENT OF MINES

State of West Virginia Department of Mines Oil and Gas Division

Date August 27, 1982 Operator's Well No. 1-1764-U Farm Arthur Gobeli #1 (1764) API No. 47 - 083 - 0666

WELL OPERATOR'S REPORT OF DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

WELL TYPE: Oil / Gas X / Liquid Injection / Waste Disposal / (If "Gas," Production X / Underground Storage / Deep / Shallow X /)

LOCATION: Elevation: 2370' Watershed Left Fork Buckhannon River District: Middle Fork County Randolph Quadrangle Pickens

COMPANY Union Drilling Inc. ADDRESS P O Drawer 40, Buckhannon WV 26201 DESIGNATED AGENT Union Drilling Inc. ADDRESS P O Drawer 40, Buckhannon WV 26201 SURFACE OWNER Arthur Gobeli ADDRESS Helvetia, WV 26224 MINERAL RIGHTS OWNER Arthur Gobeli ADDRESS Helvetia, WV 26224 OIL AND GAS INSPECTOR FOR THIS WORK Robert Stewart ADDRESS P O Box 345, Jane Lew WV 26378 PERMIT ISSUED 4/26/82 DRILLING COMMENCED 6/18/82 DRILLING COMPLETED 6/24/82 IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED ON

Table with 4 columns: Casing & Tubing, Used in Drilling, Left in Well, Cement fill up Cu. ft. Rows include sizes 20-16, 13-10, 9 5/8, 8 5/8, 7, 5 1/2, 4 1/2, 3, 2, and Liners used.

GEOLOGICAL TARGET FORMATION Lower Elk Depth 1671 feet Depth of completed well 5065' feet Rotary X / Cable Tools Water strata depth: Fresh 35', 203' feet; Salt feet Coal seam depths: 130' Is coal being mined in the area? No

OPEN FLOW DATA Producing formation Blue Monday Pay zone depth 878' feet Gas: Initial open flow show Mcf/d Oil: Initial open flow Bbl/d Final open flow 100 Mcf/d Final open flow Bbl/d Time of open flow between initial and final tests ? hours Static rock pressure 610 psig (surface measurement) after 24 hours shut in (If applicable due to multiple completion--)

Received stamp and Office of Oil and Gas WV Dept Environmental Protection RAM-0666

11/01/2013

FORM IV-35
(REVERSE)

DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.

Halliburton Water Fractured 6/20/82
 744/48, 874/78 Blue Monday 418 Bbls Water--Well circulated after perf
 1143/47 Big Injun 40,000 lbs. sand 418 Bbls Water
 3330/34 Benson 40,000 lbs. sand 418 Bbls Water
 4501/04, 4596/00, 4668/71 Lower Elk 40,000 lbss. sand 418 Bbls Water

Halliburton --Squeeze job --7/10/82 and Water Fractured Blue Monday on 7/15/82
 744/48, 874/78 Blue Monday
 15,000 lbs. sand--405 Bbls Water

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
					Including indication of all fresh and salt water, coal, oil and gas
Dirt			0	40'	1/2" stream water @ 35'
Sand & Shale			40'	130'	
Coal			130'	138'	Coal @ 130'
Sand & Shale			138'	140'	
Redrock & Sand			140'	297'	5" stream water @ 203'
Redrock & Shale			297'	334'	
Redrock			334'	732'	
Blue Monday			732'	890'	
Sand & Shale			890'	896'	
Big Lime			896'	1005'	
Big Injun			1005'	1158'	
Sand & Shale			1158'	1166'	
Squaw			1166'	1172'	
Sand & Shale			1172'	1654'	
4th Sand			1654'	1679'	
Sand & Shale			1679'	1748'	
5th Sand			1748'	1815'	
Sand & Shale			1815'	3338'	
Benson			3338'	3350'	
Sand & Shale			3350'	4507'	
1st Elk			4507'	4529'	
Sand & Shale			4529'	4580'	
2nd Elk			4580'	4617'	
Sand & Shale			4617'	4678'	
3rd Elk			4678'	4684'	
Sand & Shale			4684'	5065'	TD Show

Received

OCT 10 2012

Office of Oil and Gas
 WV Dept. of Environmental Protection

(Attach separate sheets as necessary)

Union Drilling Inc.
 Well Operator
 By: Joseph C. Pettey
 Date: August 27, 1982
 Joseph C. Pettey, Vice President of Production

Note: Regulation 2.02(i) provides as follows:
 "The term 'log' or 'well log' shall mean a systematic detailed geological record of all formations, including coal, encountered in the drilling of a well."

SUPPLEMENT TO WELL OPERATOR'S REPORT

Date August 27, 1982
Operator's
Well No. 1-1764-U
Farm Arthur Gobeli #1 (1764)
API NO. 47-083-0666

RECEIVED

OCT 27 1982

OIL AND GAS PAY ZONE
WV DEPARTMENT OF MINES

Third producing formation Benson Pay zone depth 3334'

Gas: Initial open flow show Mcf/d Oil: Initial open flow ----- Bbl/d
Final open flow 100 Mcf/d Final open flow ----- Bbl/d

Time of open flow between initial and final tests ? hours

Static rock pressure 610 psig(surface measurement) after 24 hours shut in

Fourth producing formation Lower Elk Pay zone depth 4671'

Gas: Initial open flow show Mcf/d Oil: Initial open flow ----- Bbl/d
Final open flow 192 Mcf/d Final open flow ----- Bbl/d

Time of open flow between initial and final tests ? hours

Static rock pressure 610 psig(surface measurement) after 24 hours shut in

Fifth producing formation ----- Pay zone depth -----

Gas: Initial open flow ----- Mcf/d Oil: Initial open flow ----- Bbl/d
Final open flow ----- Mcf/d Final open flow ----- Bbl/d

Time of open flow between initial and final tests ----- hours

Static rock pressure ----- psig(surface measurement) after ----- hours shut in

Sixth producing formation ----- Pay zone depth -----

Gas: Initial open flow ----- Mcf/d Oil: Initial open flow ----- Bbl/d
Final open flow ----- Mcf/d Final open flow ----- Bbl/d

Time of open flow between initial and final tests ----- hours

Static rock pressure ----- psig(surface measurement) after ----- hours shut in

Received

RAM-066

WW-4A
Revised 6-07

1) Date: 8/29/2013
2) Operator's Well Number
1-1764 Gobell #1
3) API Well No.: 47 - 083 - 00666

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:	✓ W	5) (a) Coal Operator
(a) Name <u>Sun Lumber Co</u>	Name <u>N/A</u>	
Address <u>PO Box 590</u>	Address _____	
<u>Weston WV 26452</u>		
(b) Name _____	(b) Coal Owner(s) with Declaration	
Address _____	Name <u>N/A</u>	
	Address _____	
(c) Name _____	Name _____	
Address _____	Address _____	
6) Inspector <u>Bill Hatfield</u>	(c) Coal Lessee with Declaration	
Address <u>P. O. Box 522</u>	Name <u>N/A</u>	
<u>Buckhannon WV 26201</u>	Address _____	
Telephone <u>304-767-1828</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.



Seneca-Upshur Petroleum, LLC
Well Operator PDC Mountaineer LLC
By: Jamie Haga
Its: Agent
Address 120 Genesis Blvd
Bridgeport WV 26330
Telephone 304-842-3597

Received
OCT 10 2013

Subscribed and sworn before me this 1st day of October, 2013
S. Louise Edgell Notary Public
My Commission Expires August 15, 2018



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.

SURFACE OWNER WAIVER

Operator's Well
Number

1-1764 Gobeli #1

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 _____	Date 10-9-13
		Its _____	Signature _____
			Date 11/01/2013

RECEIVED
 OCT 18 2013
 WV DEPARTMENT OF ENVIRONMENTAL PROTECTION
 OFFICE OF OIL AND GAS

8300666 F

WW-9
Rev. 5/08

Page _____ of _____
API Number 47 - 083 - 00666
Operator's Well No. 1-1764

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 Seneca-Upshur Petroleum, LLC
~~PDC Mountaineer LLC~~ OP Code 494494839

Watershed Left Fork Buckhannon River Quadrangle Pickens 7.5'

Elevation 2370' County Randolph District Middle Fork

Description of anticipated Pit Waste: NO PIT USED WILL USE TANKS (Gel, Cement)

Will a synthetic liner be used in the pit? No

Proposed Disposal Method For Treated Pit Wastes:

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

Proposed Work For Which Pit Will Be Used:

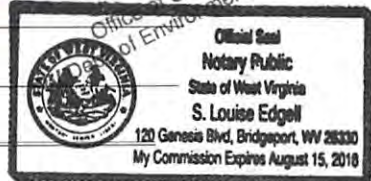
- Drilling
- Workover
- Other (Explain No pit using tanks)
- Swabbing
- Plugging

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 _____
Company Official (Typed Name) Jamie Haga
Company Official Title Agent

[Handwritten Signature]



Subscribed and sworn before me this 1st day of October, 20 13

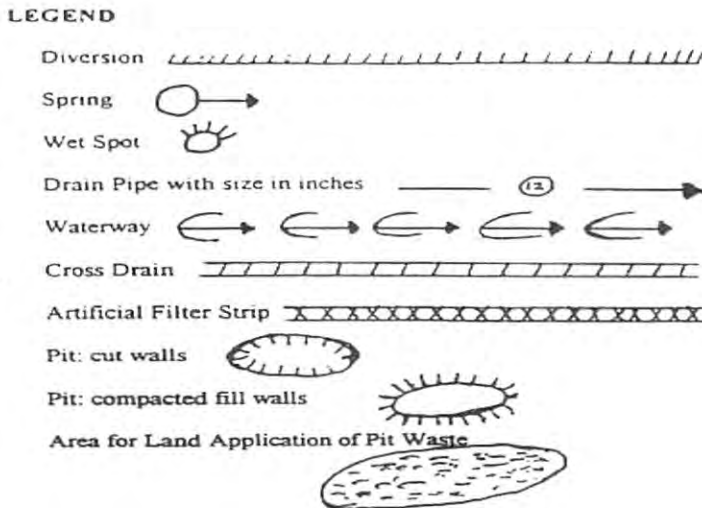
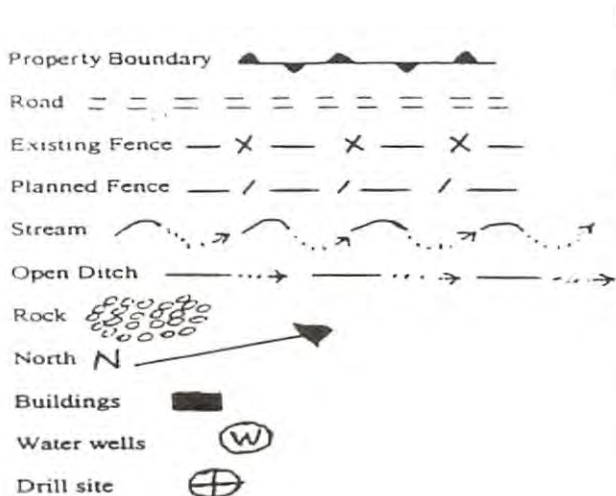
[Handwritten Signature: S. Louise Edgell]

Notary Public



My commission expires August 15, 2018

11/01/2013



Proposed Revegetation Treatment: Acres Disturbed 1.5 Prevegetation pH _____

Lime 3 Tons/acre or to correct to pH 6.5

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

Mulch 2 Tons/acre

Seed Mixtures

Seed Type	Area I lbs/acre	Area II lbs/acre
Timothy	40	SAME
Orchard Grass	12	
Redtop Clover	5	

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

Photocopied section of involved 7.5' topographic sheet.

Plan Approved by: Bill Natfield

Comments: _____

Received

OCT 10 2013
Office of Oil and Gas
WV Dept. of Environmental Protection

Title: oil & gas inspector

Date: 10/3/2013

Field Reviewed? () Yes () No

Disposal Well Information Sheet

(Including Lat./Long. , Operator, and API #)

DISPOSAL WELL NAME	API WELL #	STATE	COUNTY	TWP
Ohio Oil Gathering Corp. - Bells Run	34-167-2-9395	Ohio	Washington	Newport
Long Run Disposal Well	34-167-2-9658	Ohio	Washington	Newport
Newell Run Disposal Well	34-167-2-9685	Ohio	Washington	Newport

Operator: Ohio Oil Gathering Corp.

DISPOSAL WELL NAME	API WELL #	STATE	COUNTY	TWP
BW # 4	47-073-02523	WV	Pleasants	
Greens Run	47-073-02540	WV	Pleasants	

Operator: Appalachian Oil Purchasers

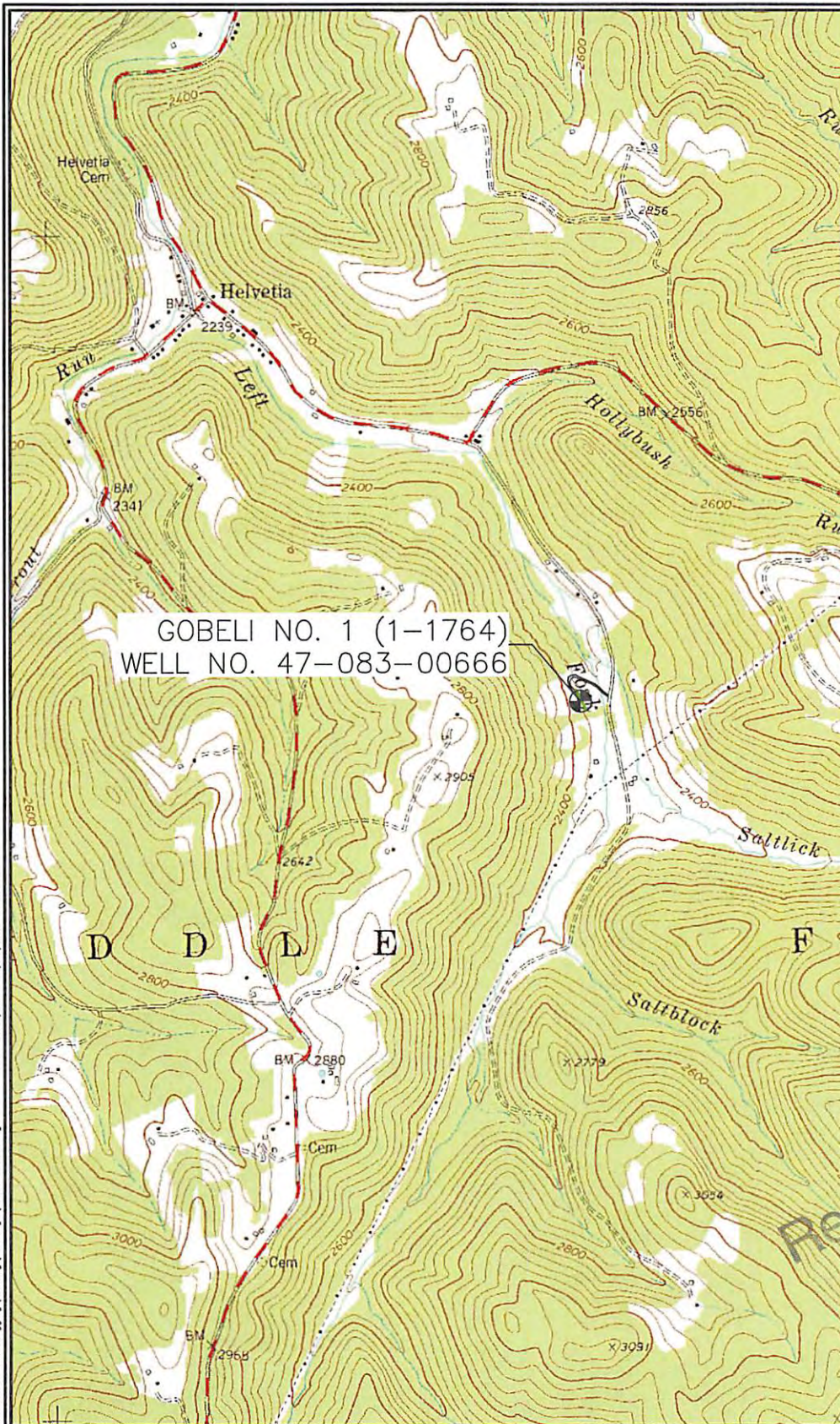
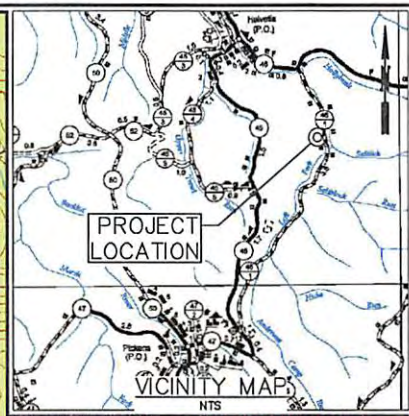
Coordinates	Lat /Long
Ohio Oil Gathering Corp.-Bells Run	39.387 N, -81.289 W
Long Run Disposal Well	39.391 N, -81.317 W
Newell Run Disposal Well	39.399 N, -81.273 W
BW# 4	
Greens Run	39 22'20.55 N, -81 14'47.70"

Received

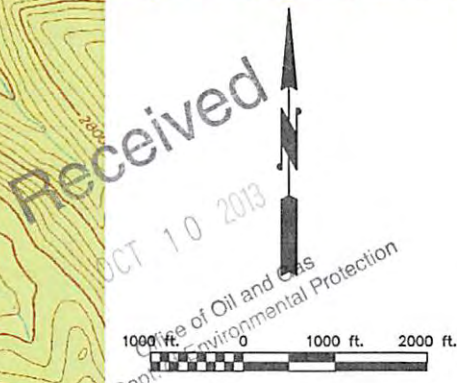
OCT 10 2013

Office of Oil and Gas
 Dept. of Environmental Protection

8300666 P



GOBELI NO. 1 (1-1764)
WELL NO. 47-083-00666



CAD FILE: R:\D00-2384-PDC-6-Plats For Plugging\Drawing\Gobeli #1\Gobeli-Cover.dwg
 PLOT DATE/TIME: 9/25/2013 7:50 AM



THRASHER
 THE THRASHER GROUP, INC.
 800 WHITE OAKS BOULEVARD - BRIDGEPORT, WV 26330
 PHONE: 304-824-4108
 FAX: 304-824-7831

PDC MOUNTAINEER, LLC
 WELL PLUGGING PLAN FOR
 GOBELI NO. 1
 RANDOLPH COUNTY, WV

SHEET NO.
 1

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VICINITY MAP - PICKENS, WV 7.5' QUAD

11/01/2013

WW-7
8-30-06



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

API: 47-083-00666 WELL NO.: 1-1764 Gobeli 1
 FARM NAME: Sun Lumber Co.
 RESPONSIBLE PARTY NAME: Seneca Upshur Petroleum LLC
 COUNTY: Randolph DISTRICT: Middle Fork
 QUADRANGLE: Pickens 7.5'
 SURFACE OWNER: Sun Lumber Co.
 ROYALTY OWNER: Gobeli Heirs
 UTM GPS NORTHING: 4282906.967
 UTM GPS EASTING: 570944.779 GPS ELEVATION: 2370

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 0.02M

Real-Time Differential 0.02M

Mapping Grade GPS : Post Processed Differential

Real-Time Differential

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.

Signature

Title

Date

Agent

10/21/13

Received

OCT 21 2013

Office of Oil and Gas
WV Dept. of Environmental Protection

11/01/2013

PDC MOUNTAINEER, LLC.
WELL NO. 1-1764

NOTES:
-PLAT ORIENTATION, CORNERS, AND WELL REFERENCES ARE BASED UPON THE GRID NORTH
MERIDIAN FOR THE WV STATE PLANE COORDINATE SYSTEM, NORTH ZONE NAD 83. WELL
LOCATION REFERENCE TIES ARE BASED UPON THE MAGNETIC MERIDIAN.

-THERE ARE NO WATER WELLS LOCATED WITHIN 250' OF WELL 1-1764.

USER: kpoth

LAYOUT: GOBELI

PLOT DATE/TIME: 10/7/2013 - 7:59am

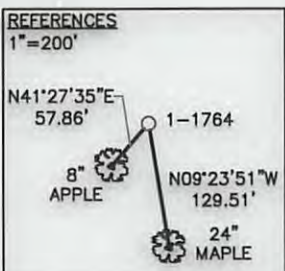
CAD FILE: R:\030-2384 PDC-6 Plats for Plugging\Survey\WV-S PLUGGING PLATS.dwg

LONGITUDE 80° 10' 00"



TH
DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAP
⊙ = MONUMENT FOUND IRON REBAR UNLESS NOTED OTHERWISE
____ LEASE BOUNDARY

WELL NO. 1-1764
TOP HOLE
STATE PLANE COORDINATES
(NAD 83 NORTH ZONE)
N:617132.5330
E:2201338.2040
LAT:38°41'30.9675"
LON:80°11'03.2277"
UTM COORDINATES
(NAD 83-METER)
N:4282906.967
E:570944.779



Michael R. Hyman, P.S. 983

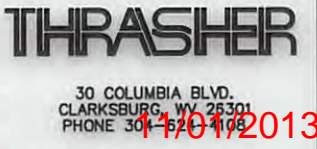
I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE RULES ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.

FILE NO. 030-2384
SCALE: 1"=600'
MINIMUM DEGREE OF ACCURACY: 1 in 2500
PROVEN SOURCE OF ELEVATION: OPUS SURVEY GRADE GPS

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

DATE AUGUST 23, 2013
OPERATOR'S WELL NO. 1-1764
API WELL NO. _____
47 - 083 - 00666^P
STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL (IF "GAS"), PRODUCTION STORAGE DEEP SHALLOW
LOCATION: ELEVATION: 2,370 WATER SHED: LEFT FORK BUCKHANNON RIVER
DISTRICT: MIDDLE FORK COUNTY: RANDOLPH
QUADRANGLE: PICKENS 7.5' ACREAGE: 125 AC±
SURFACE OWNER: ARTHUR GOBELI LEASE ACREAGE: 125 AC±
OIL & GAS ROYALTY OWNER: ARTHUR GOBELI LEASE NO. _____



PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE
PERFORATE NEW FORMATION PLUG OFF OLD FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____
PLUG AND ABANDON CLEAN OUT AND REPLUG _____
TARGET FORMATION: HUNTERVILLE CHERT ESTIMATED DEPTH: 5,065
WELL OPERATOR: SENeca - WESBURY PETROLEUM, LLC PDC MOUNTAINEER, LLC. DESIGNATED AGENT: JAMIE HAGA
ADDRESS: 120 GENESIS BOULEVARD ADDRESS: 120 GENESIS BOULEVARD
BRIDGEPORT, WV 26330 BRIDGEPORT, WV 26330