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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)

October 17, 2014

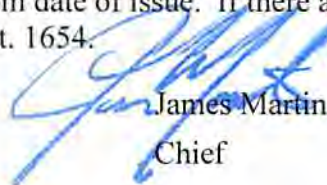
**WELL WORK PLUGGING PERMIT**

**Plugging**

This permit, API Well Number: 47-10301689, issued to PERKINS OIL & GAS 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: PARSONS 1220  
Farm Name: PARSONS, ALVARETTA  
**API Well Number: 47-10301689**  
**Permit Type: Plugging**  
Date Issued: 10/17/2014

**Promoting a healthy environment.**

**10/17/2014**

## 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.
4. This well is under a consent order and must be plugged under the terms of that agreement.

1) Date \_\_\_\_\_, 20\_\_\_\_  
2) Operator's  
Well No. 1220  
3) API Well No. 47-103 - 1689

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 1,113' Watershed Left Fork of Proctor Creek  
District Proctor 7 County Wetzel 103 Quadrangle New Martinsville 7.5' 509

6) Well Operator Perkins Oil & Gas, Inc. 7) Designated Agent Clinton Perkins  
Address P.O. Box 547 Address P.O. Box 547  
Pennsboro, WV 26415 Pennsboro, WV 26415

8) Oil and Gas Inspector to be notified Name Derek Haught 9) Plugging Contractor Name Perkins Oil & Gas, Inc.  
Address P.O. Box 85 Address P.O. Box 547  
Smithville, WV 26178 Pennsboro, WV 26415

10) Work Order: The work order for the manner of plugging this well is as follows:  
Plug No. 1 - approx 2,846'-2,746', rip and pull 3" casing at approx 2,000'  
Plug No. 2 - approx 2,050'-1,950', rip 6-5/8" at approx 1,150' (elevation)  
Plug No. 3 - approx 1,200'-1,100', rip 6-5/8" at approx 710' (Pittsburgh coal)  
Plug No. 4 - approx 750'-650', rip and pull 6-5/8" casing at approx 300'  
Plug No. 5 - approx 350'-250' and Plug No. 6 - approx 100'-surface  
Erect Monument with API No., 6% gel between all cement plugs, cement plugs are Class A

COAL @ 492 (100' PLUG ACROSS)  
COAL @ 620 (100' PLUG ACROSS) g.w.m.

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

Work order approved by inspector [Signature]

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Office of Oil and Gas  
AUG 28 2014  
8-4-14  
WV Department of  
Environmental Protection  
1007/2014



10301689P

WR-35

24-Jul-95

State of West Virginia  
Division of Environmental Protection  
Section of Oil and Gas

API # 47-103-01689 N

Well Operator's Report of Well Work

Farm name: PARSONS, ALVARETTA Operator Well No.: PARSONS #1220

LOCATION: Elevation: 1,150.00 Quadrangle: NEW MARTINSVILLE

District: PROCTOR County: WETZEL  
Latitude: 1450 Feet South of 39 Deg. 42Min. 30 Sec.  
Longitude: 9600 Feet West of 80 Deg. 45 Min. 0 Sec.

Company: PERKINS OIL & GAS, INC.  
P. O. BOX 547  
PENNSBORO, WV 26415-0547

Agent: DERYL L. PERKINS

Inspector: RANDAL MICK  
Permit Issued: 07/24/95  
Well work Commenced: March 17, 1995  
Well work Completed: June 25, 1995  
Verbal Plugging  
Permission granted on: \_\_\_\_\_  
Rotary Cable  Rig  
Total Depth (feet) 2846'  
Fresh water depths (ft) \_\_\_\_\_

Salt water depths (ft) \_\_\_\_\_  
Is coal being mined in area (Y/N)? N  
Coal Depths (ft): 492' & 520'

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
10"	950'	0'	
8"	1450'	0'	
6-5/8"	1775'	1775'	
2"	2846'	2846'	

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WV Division of Environmental Protection

OPEN FLOW DATA

SEP 14 1997


Producing formation GORDON Pay zone depth (ft) \_\_\_\_\_

Gas: Initial open flow N/A MCF/d Oil: Initial open flow 0 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 pressure) after \_\_\_\_\_ Hours

Second producing formation \_\_\_\_\_ Pay zone depth (ft) \_\_\_\_\_

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 pressure) after \_\_\_\_\_ Hours

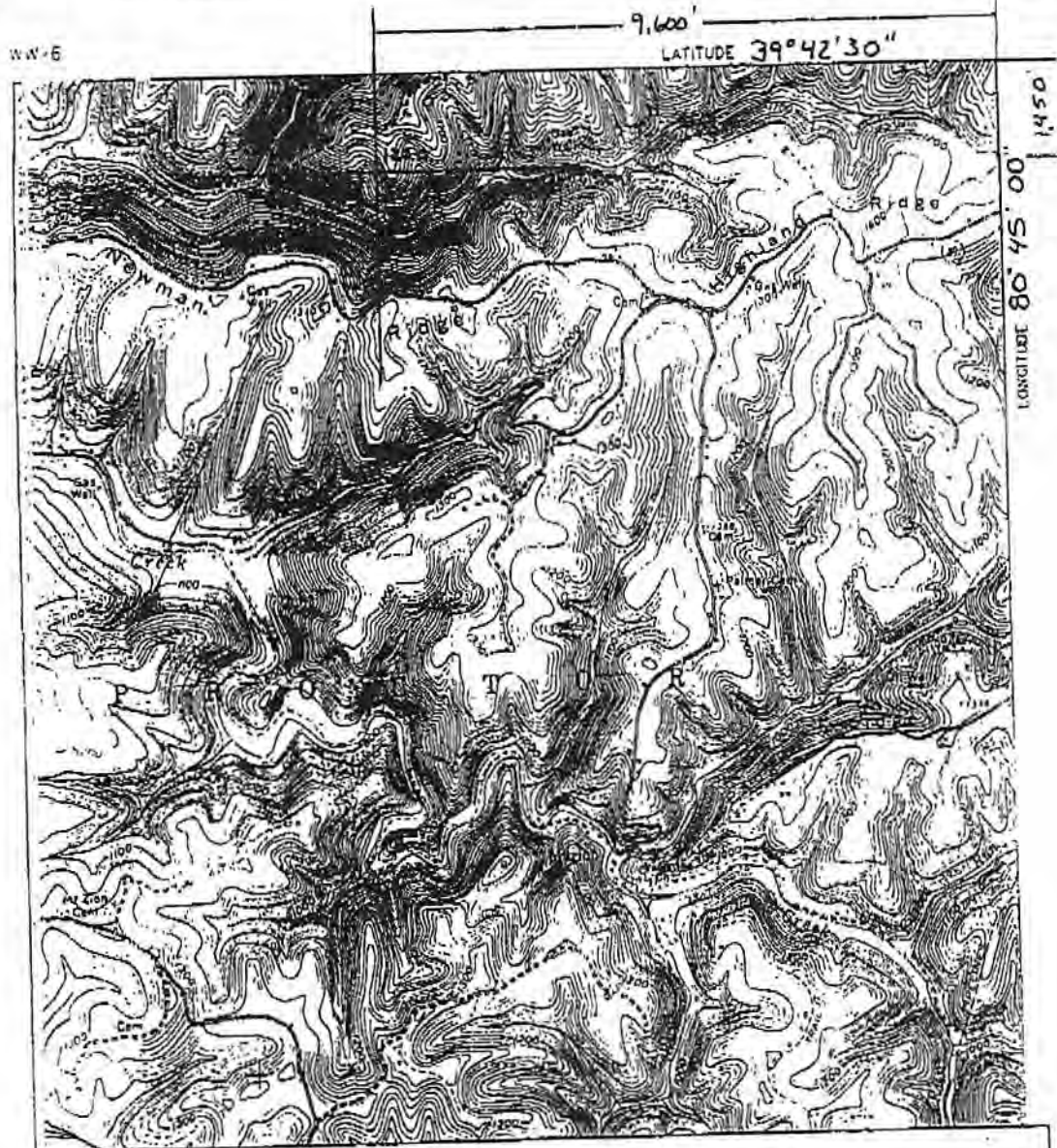
NOTE: ON BACK OF THIS FORM PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE

  
For: PERKINS OIL & GAS, INC.

By: DERYL L. PERKINS, VICE-PRESIDENT  
Date: AUGUST 20, 1997

WELL DRILLED PRIOR TO 1929





I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

SIGNED \_\_\_\_\_

TITLE Deryl Perkins - VICE PRESIDENT

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

DATE March 27, 19 95  
 FARM Alvaretta Parsons NO. 1220  
 API WELL NO. 47-103-1689-N

WELL TYPE: OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL   
 (IF "GAS") PRODUCTION  STORAGE  DEEP  SHALLOW   
 LOCATION: ELEVATION 1150' TOPWATERSHED Left Hand Fork of Proctor Creek  
 DISTRICT Proctor COUNTY Wetzel  
 QUADRANGLE New Martinsville 509

SURFACE OWNER Unknown ACREAGE ?  
 OIL & GAS ROYALTY OWNER Unknown LEASE ACREAGE 52.5 Ac.

PRODUCING FORMATION \_\_\_\_\_ TOTAL DEPTH \_\_\_\_\_  
 WELL OPERATOR Perkins Oil & Gas DESIGNATED AGENT Deryl Perkins  
 ADDRESS P.O. Box 547 ADDRESS P.O. Box 547  
Pennsboro, West Virginia 25415 Pennsboro, West Virginia 25415

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 Environmental Protection  
 JUN 15 1995  
 Permitting  
 Office of Oil & Gas

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 Office of Oil and Gas  
 AUG 28 2014

WV Department of Environmental Protection  
 10/17/2014



1) Date: \_\_\_\_\_  
2) Operator's Well Number  
1220  
3) API Well No.: 47 - 103 - 1689

**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>	<b>5) (a) Coal Operator</b>
(a) Name <u>John Jr. and Laura Cook</u> ✓	Name _____
Address <u>120 Valley View Drive</u>	Address _____
<u>Wellsburg, WV 26070</u>	_____
(b) Name _____	<b>(b) Coal Owner(s) with Declaration</b>
Address _____	Name <u>CNX Land Resources</u> ✓
_____	Address <u>1000 Consol Energy Drive</u>
_____	<u>Canonsburg, PA 15317</u>
(c) Name _____	Name <u>John Jr. and Laura Cook</u> ✓
Address _____	Address <u>120 Valley View Drive</u>
_____	<u>Wellsburg, WV 26070</u>
<b>6) Inspector</b> <u>Derek Haught</u>	<b>(c) Coal Lessee with Declaration</b>
Address <u>P.O. Box 85</u>	Name _____
<u>Smithville, WV 26178</u>	Address _____
Telephone <u>304-206-7613</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.

Well Operator Perkins Oil & Gas, Inc.  
 By: Clinton Perkins *Clinton Perkins*  
 Its: Designated Agent  
 Address P.O. Box 547  
Pennsboro, WV 26415  
 Telephone 304-684-2113

Subscribed and sworn before me this 19<sup>th</sup> day of August  
Darryl W. Oberdick  
 My Commission Expires January 26, 2015

Notary Public



**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](mailto:depprivacyofficer@wv.gov).

*Oil and Gas*  
 AUC 8 2014  
 WV Department of Environmental Protection  
 10/17/2014



**SURFACE OWNER WAIVER**

Operator's Well  
Number

1220

**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 57<sup>th</sup> 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 CORPORATION,  
Office of Oil and Gas  
RECEIVED  
AUG 28 2014  
Date

Lauren J. Cootz Date 8-22-14 Name \_\_\_\_\_  
Signature By \_\_\_\_\_  
Its \_\_\_\_\_

\_\_\_\_\_  
Signature  
WV Department of  
Environmental Protection  
10/17/2014

WW-4B

API No.	<u>47-103-1689</u>
Farm Name	<u>Alvaretta Parsons</u>
Well No.	<u>1220</u>

**INSTRUCTIONS TO COAL OPERATORS  
OWNERS AND LESSEE**

The well operator named on the obverse side of WW-4 (B) is about to abandon the well described in the enclosed materials and will commence the work of plugging and abandoning said well on the date the inspector is notified. Which date shall not be less than five days after the day on which this notice and application so mailed is received, or in due course should be received by the Department of Environmental Protection Office of Oil & Gas.

This notice and application is given to you in order that your respective representatives may be present at the plugging and filling of said well. You are further notified that whether you are represented or not the operator will proceed to plug and fill said well in the manner required by Section 24, Article 6, Chapter 22 of the Code and given in detail on obverse side of this application.

NOTE: If you wish this well to be plugged according to 22-6-24(d) then as per Regulation 35CSR4-13.9 you must complete and return to this office on form OB-16 "Request by Coal Operator, Owner, or Lessee for plugging" prior to the issuance of this plugging permit.

**WAIVER**

The undersigned coal operator \_\_\_\_ / owner  / lessee \_\_\_\_ / of the coal under this well location has examined this proposed plugging work order. The undersigned has no objection to the work proposed to be done at this location, provided, the well operator has complied with all applicable requirements of the West Virginia Code and the governing regulations.

Date: 8-22-14

[Signature]  
By: \_\_\_\_\_  
Its \_\_\_\_\_



10301689P

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
<ul style="list-style-type: none"> <li>■ Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.</li> <li>■ Print your name and address on the reverse so that we can return the card to you.</li> <li>■ Attach this card to the back of the mailpiece, or on the front if space permits.</li> </ul>	A. Signature <input checked="" type="checkbox"/> <i>L. Morgan</i> <input type="checkbox"/> Agent <input type="checkbox"/> Addressee
1. Article Addressed to:  <b>CNX LAND RESOURCES            1000 CONSOL ENERGY DRIVE            CANONSBURG, PA 15317</b>	B. Received by (Printed Name) <i>L. Morgan</i> C. Date of Delivery
2. Article Number (Transfer from service label)	D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No
PS Form 3811, July 2013	3. Service Type <input checked="" type="checkbox"/> Certified Mail® <input type="checkbox"/> Priority Mail Express™ <input type="checkbox"/> Registered <input checked="" type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> Insured Mail <input type="checkbox"/> Collect on Delivery  4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes
7013 3020 0001 3396 7087	
Domestic Return Receipt	

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 Office of Oil and Gas  
 AUG 28 2014  
 WV Department of  
 Environmental Protection

10/17/2014

10301689P

CERTIFIED MAIL™



7013 3020 0001 3396 7087

**SMITH LAND SURVEYING, INC.**

12 Vanhorn Drive  
PO Box 150  
Glenville, WV 26351

**TO:**

CNX LAND RESOURCES  
1000 CONSOL ENERGY DRIVE  
CANONSBURG, PA 15317



RECEIVED  
Office of Oil and Gas

AUG 28 2014

WV Department of  
Environmental Protection

10/17/2014





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

CK 18008  
100.00

CONSTRUCTION AND RECLAMATION PLAN AND SITE REGISTRATION APPLICATION FORM  
GENERAL PERMIT FOR OIL AND GAS PIT WASTE DISCHARGE

Operator Name Perkins Oil & Gas, Inc. OP Code 308124

Watershed Left Fork of Proctor Creek Quadrangle New Martinsville 7.5'

Elevation 1,113' County Wetzel District Proctor

Description of anticipated Pit Waste: Drill Water, Frac Blow Back, and Various Formation Cuttings

Will a synthetic liner be used in the pit? Yes 20ML

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 \_\_\_\_\_)

DmH  
8-4-14

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 *Clinton Perkins*

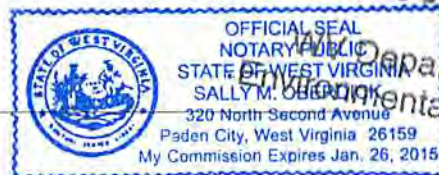
Company Official (Typed Name) Clinton Perkins

Company Official Title Designated Agent

Subscribed and sworn before me this 19<sup>th</sup> day of August, 2014 **RECEIVED**  
*Sally M. Oberdick* Office of Oil and Gas

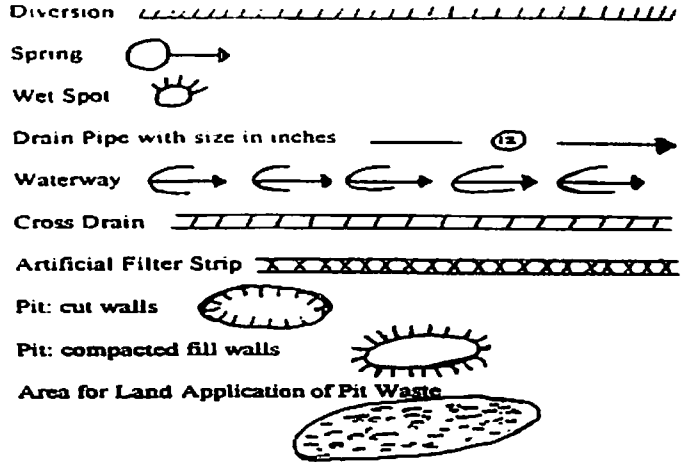
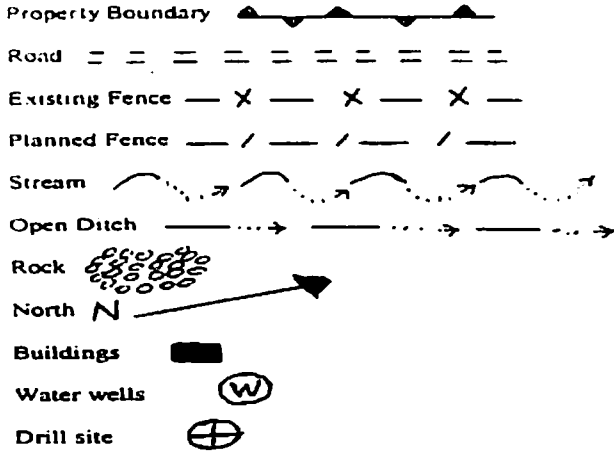
Notary Public **AUG 28 2014**

My commission expires January 26, 2015



Department of Environmental Protection  
**10/17/2014**

LEGEND



Proposed Revegetation Treatment: Acres Disturbed \_\_\_\_\_ Prevegetation pH \_\_\_\_\_

Lime 3 Tons/acre or to correct to pH 6.5

Fertilizer (10-20-20 or equivalent) 1/3 TON 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	ORCHARD GRASS	15
ALSIKE CLOVER	5	ALSIKE CLOVER	5
ANNUAL RYE	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:

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

Title: Oil + Gas Inspector

Date: 8-4-14

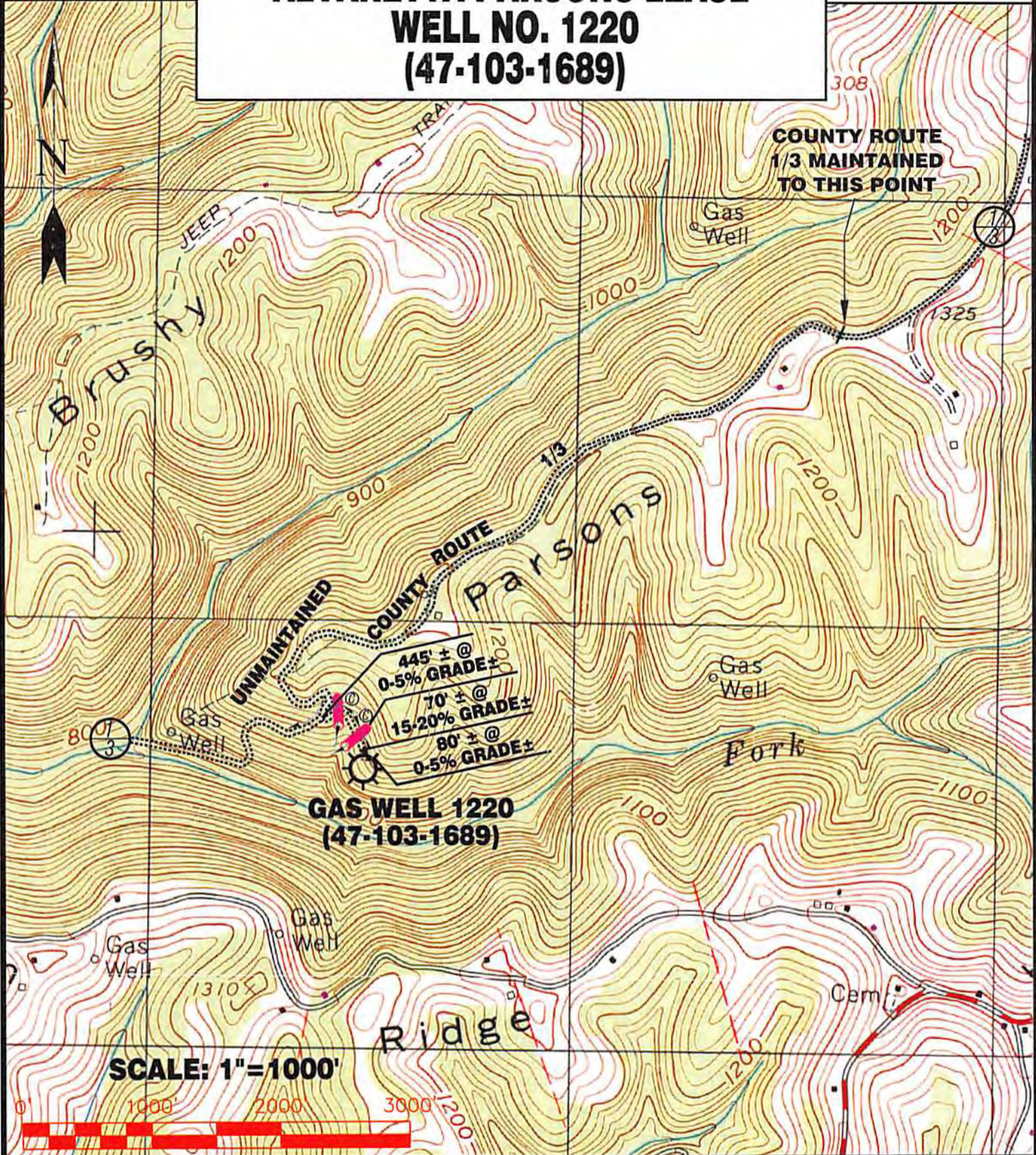
Field Reviewed? (  ) Yes (  ) No

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Office of Oil and Gas  
AUG 28 2014  
WV Department of  
Environmental Protection  
10/17/2014

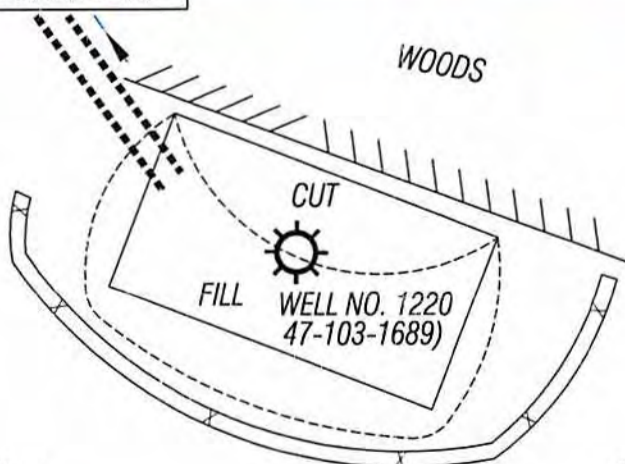


# ALVARETTA PARSONS LEASE WELL NO. 1220 (47-103-1689)

10301689



Detail Sketch for Well No. 1220



ALL ROADS SHOWN HEREON ARE EXISTING UNLESS OTHERWISE NOTED AND SHALL BE MAINTAINED IN ACCORDANCE WITH WV D.E.P. OIL AND GAS BMP MANUAL ENTRANCES AT COUNTY/STATE ROADS SHALL BE MAINTAINED IN ACCORDANCE WITH WV D.O.T. REGULATION. SEPARATE PERMITS MAY BE REQUIRED BY THE D.O.T.

SEDIMENT BASINS (TRAPS) AND APPROPRIATE EROSION CONTROL BARRIERS ARE TO BE CONSTRUCTED AT ALL CULVERT AND CROSS DRAIN INLETS AND OUTLETS AS REQUIRED IN THE WV D.E.P. OIL AND GAS BMP MANUAL. FIELD CONDITIONS (ROCK OUTCROPS AND BEDROCK) MAY PROHIBIT INLET TRAPS BEING INSTALLED. WHEN THESE CONDITIONS EXIST ADDITIONAL EROSION CONTROL MEASURES SHALL BE EVALUATED AND UTILIZED AS NEEDED.

EARTHWORK CONTRACTORS ARE RESPONSIBLE FOR NOTIFICATION TO THE OPERATOR AND INSPECTOR PRIOR TO ANY DEVIATION FROM THIS PLAN.

TEMPORARY SEED & MULCH ALL SLOPES AFTER CONSTRUCTION OF LOCATION.

CUT & STACK ALL MARKETABLE TIMBER.

STACKED BRUSH MAY BE USED FOR EROSION CONTROL.

APPLICATIONS FOR SEPARATE PLC PERMITS ON THE ACCESS ROAD STREAM CROSSINGS HAVE BEEN PREPARED (IF APPLIES).

10/7/2014

DmH  
8-4-14

**Professional Energy Consultants**  
A DIVISION OF SMITH LAND SURVEYING, INC.

**SLS**

SURVEYORS  
ENGINEERS  
ENVIRONMENTAL  
PROJECT MGMT.

(304) 462-5634  
WWW.SLSURVEYS.COM

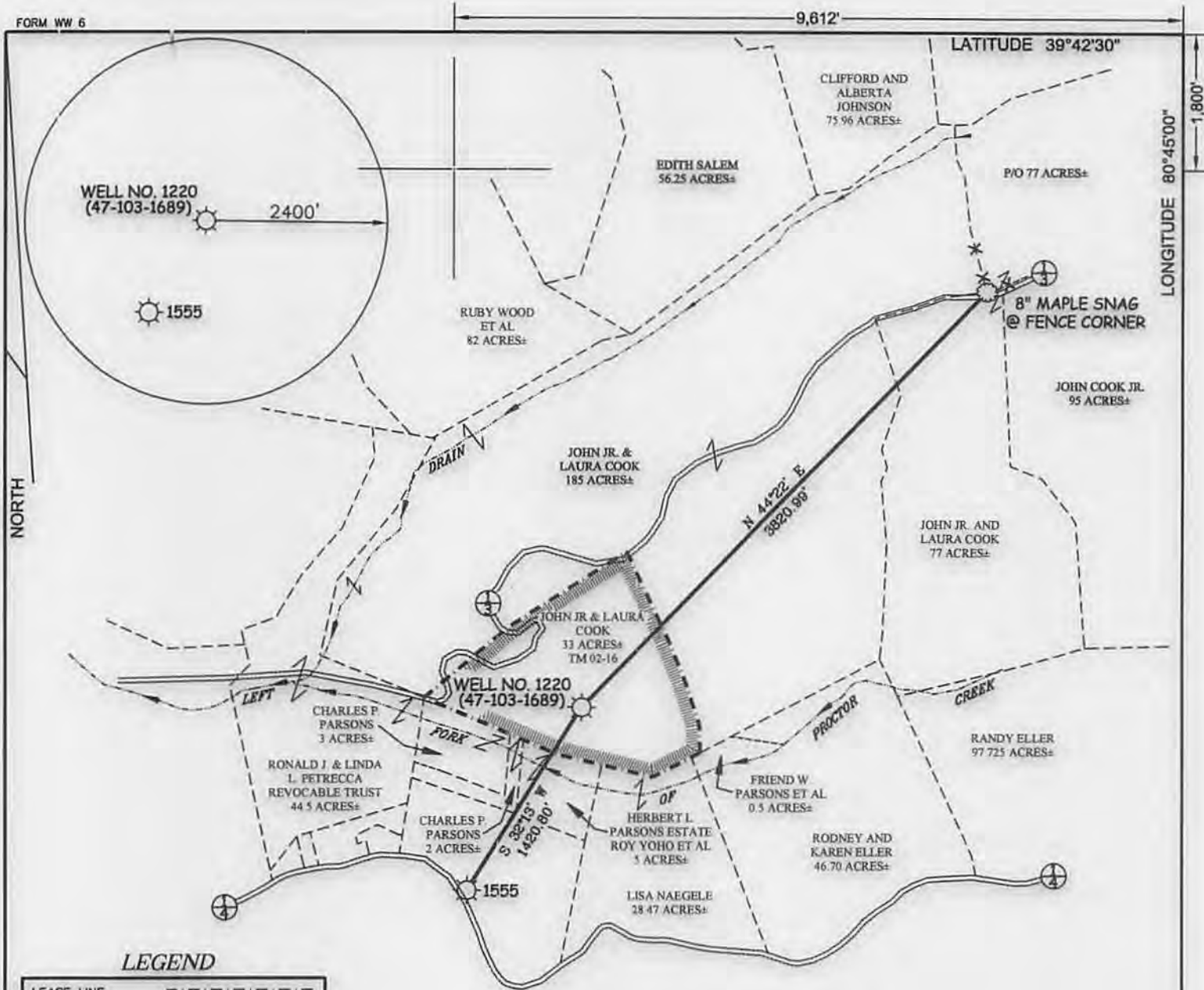
Not To Scale

- = EXISTING CULVERT
- = PROPOSED CULVERT 15' MIN. UNLESS OTHERWISE NOTED
- = PROPOSED STREAM CROSSING
- = APPROXIMATE LIMITS OF DISTURBANCE

TOPO SECTION OF NEW MARTINSVILLE 7.5' USGS TOPO QUADRANGLE

DRAWN BY K.D.W.	FILE NO. 8218	DATE 07/07/14	CADD FILE: 8218REC.dwg
--------------------	------------------	------------------	---------------------------





**LEGEND**

LEASE LINE	---
SURFACE LINE	----
WELL LATERAL	-----
TIE LINE	=====
CREEK	~~~~~
ROAD	=====
COUNTY ROUTE	-----
EXISTING WELL	⊙
TAX MAP-PARCEL	00-00

**NOTES ON SURVEY**

1. TIES TO CORNERS ARE BASED ON GRID NORTH FOR THE WV STATE PLANE COORDINATE SYSTEM NORTH ZONE NAD '27.
2. HIGHLIGHTED LEASE BOUNDARY SHOWN HEREON TAKEN FROM DEED BOOK 322 AT PAGE 173.
3. SURFACE OWNER AND ADJOINER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF WETZEL COUNTY IN JULY, 2013.
4. WELL LAT./LONG. (NAD'27) ESTABLISHED BY DGPS(MAPPING GRADE).

**ALVARETTA PARSONS LEASE**  
**33 ACRES±**  
**WELL NO. 1220**  
**(47-103-1689)**  
 (S.P.C. NORTH ZONE) (UTM(M) ZONE 17 NORTH)  
 NAD'27 S.P.C.(FT) N. 440,885 E. 1,838,697  
 NAD'27 GEO. LAT-(N) 39.70339 LONG-(W) 80.78416  
 NAD'83 UTM (M) N. 4,394,868 E. 518,519



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 DIVISION OF ENVIRONMENTAL PROTECTION.

P.S. 677 *Gregory A. Smith*



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.  
 DATE JUNE 23 , 20 14  
 REVISED \_\_\_\_\_ , 20 \_\_\_\_  
 OPERATORS WELL NO. 1220  
 API WELL NO. 47 - 103 - 01689P  
 STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 200 FILE NO. 8218P1220  
 HORIZONTAL & VERTICAL CONTROL DETERMINED BY DGPS (MAPPING GRADE TIE TO CORS NETWORK) SCALE 1" = 1000'

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

WELL TYPE: OIL \_\_\_ GAS X LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_ IF "GAS" PRODUCTION X STORAGE \_\_\_ DEEP \_\_\_ SHALLOW X  
 LOCATION: ELEVATION 1,113' WATERSHED LEFT FORK OF PROCTOR CREEK  
 DISTRICT PROCTOR COUNTY WETZEL QUADRANGLE NEW MARTINSVILLE 7.5'  
 SURFACE OWNER JOHN JR. AND LAURA COOK ACREAGE 33±  
 ROYALTY OWNER ALVARETTA PARSONS HEIRS AND/OR ASSIGNS ACREAGE 33±  
 PROPOSED WORK: DRILL \_\_\_ CONVERT \_\_\_ DRILL DEEPER \_\_\_ REDRILL \_\_\_ FRACTURE OR STIMULATE \_\_\_ PLUG OFF OLD FORMATION \_\_\_ PERFORATE NEW FORMATION \_\_\_ PLUG AND ABANDON X CLEAN OUT AND REPLUG \_\_\_ OTHER \_\_\_  
 PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_ TARGET FORMATION N/A ESTIMATED DEPTH \_\_\_\_\_

WELL OPERATOR PERKINS OIL & GAS, INC ADDRESS P.O. BOX 547 PENNSBORO, WV 26415  
 DESIGNATED AGENT CLINTON PERKINS ADDRESS P.O. BOX 547 PENNSBORO, WV 26415

COUNTY NAME  
 PERMIT

10/17/2014