



**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

August 19, 2014

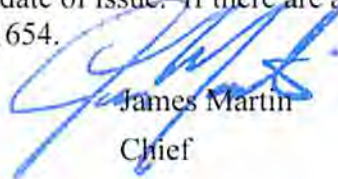
**WELL WORK PLUGGING PERMIT**

**Plugging**

This permit, API Well Number: 47-10301661, 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: BRIGGS #1  
Farm Name: BRIGGS, A.J.  
**API Well Number: 47-10301661**  
**Permit Type: Plugging**  
Date Issued: 08/19/2014

## 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. Briggs No. 1  
3) API Well No. 47-103 - 01661

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 1,188' Watershed Tributary of Proctor Creek  
District Proctor County Wetzel Quadrangle New Martinsville 7.5'

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  
Address P.O. Box 85  
Smithville, WV 26178  
9) Plugging Contractor Name Perkins Oil & Gas, Inc.  
Address P.O. Box 547  
Pennsboro, WV 26415

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

\*1 Plug No. 1 - approx 2,900'-2,800', rip and pull 5" casing at approx 2,000'

Plug No. 2 - approx 2,050'-1,950', rip 7" at approx 1,240' (elevation)

Plug No. 3 - approx 1,200'-1,100', rip 7" at approx 765' (Pittsburgh coal)

Plug No. 4 - approx 800'-700', rip and pull 7" casing at approx 300'

Plug No. 5 - approx 350'-250', remove 10" casing if possible

Plug No. 6 - approx 100'-surface

Erect Monument with API No., 6% gel between all cement plugs, cement plugs are Class A

Received

JUN 26 2014

\*1 CUT/PULL 2" TUBING.

Office of Oil and Gas  
Department 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 5-29-14

WR-35

18-Apr-95  
API # 47-103-01661 N

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

Well Operator's Report of Well Work

Farm name: BRIGGS, A.J. Operator Well No.: BRIGGS #1

LOCATION: Elevation: 1,240.00 Quadrangle: NEW MARTINSVILLE

District: PROCTOR County: WETZEL  
Latitude: 8900 Feet South of 39 Deg. 42Min. 30 Sec.  
Longitude 5800 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: 04/18/95  
Well work Commenced: Pre-1929  
Well work Completed: Pre-1929  
Verbal Plugging \_\_\_\_\_  
Permission granted on: \_\_\_\_\_  
Rotary Cable  Rig  
Total Depth (feet) \_\_\_\_\_  
Fresh water depths (ft) N/A

Salt water depths (ft) N/A

Is coal being mined in area (Y/N)? \_\_\_\_\_  
Coal Depths (ft): NO

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
10"	91'		
7"	2016'		
5"	2287'	Received JUN 26 2014	
2"	2900'		

Office of Oil and Gas  
WV Dept. of Environmental Protection

OPEN FLOW DATA

Producing formation Gordon 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

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

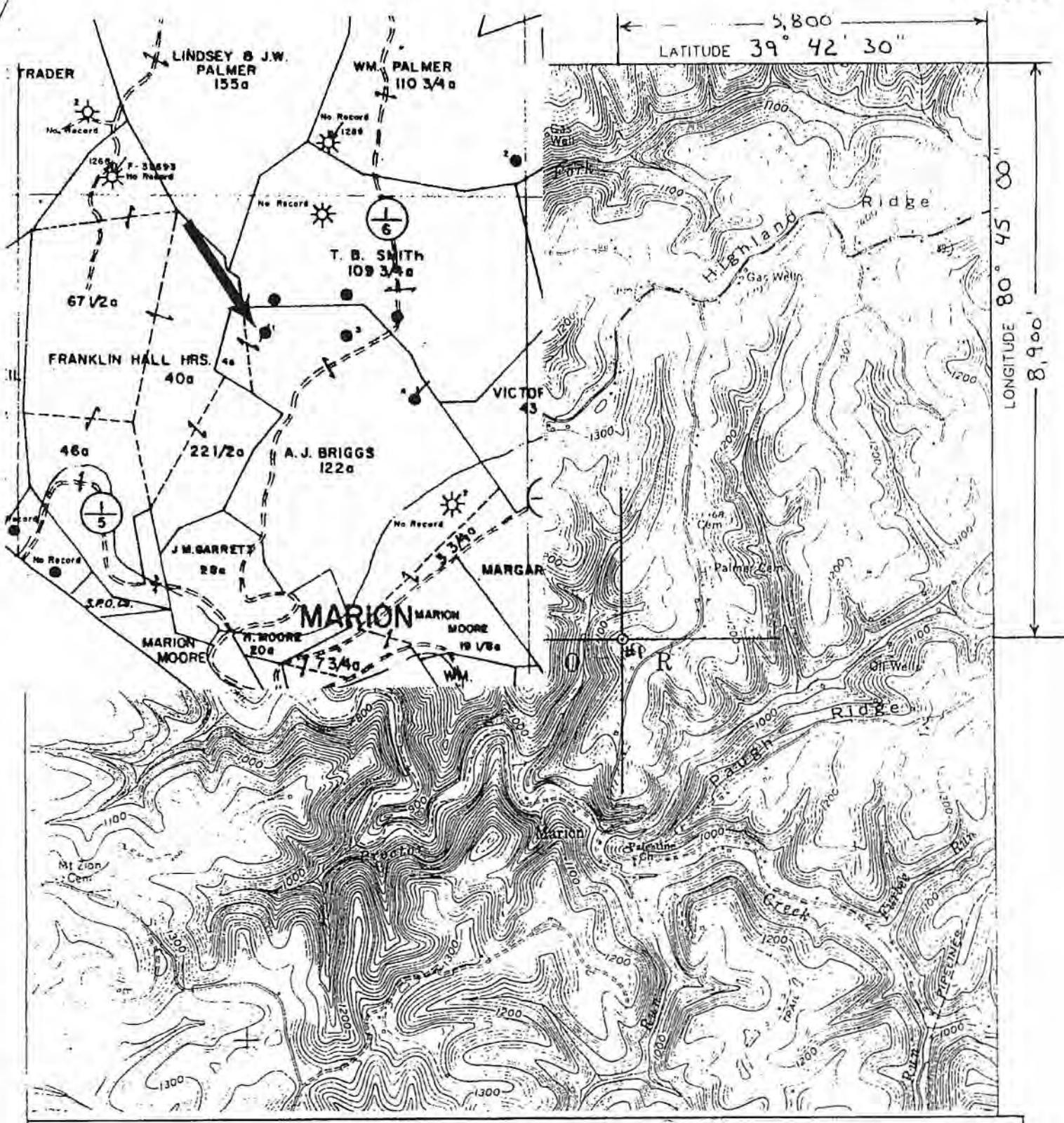
NOTE: ON BACK OF THIS FORM PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

For: PERKINS OIL & GAS, INC.

By: Daryl L Perkins  
Date: Sept. 10, 1997

This is all the information we have

08/22/2014



20487

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

SIGNED *Deryl Perkins*  
 TITLE Deryl Perkins - VICE PRESIDENT

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

DATE March 27 **RECEIVED** 19 95  
 FARM A.J. Briggs NO. 1  
 API WELL NO. 47-103 1661-N

WELL TYPE: OIL  GAS \_\_\_\_\_ LIQUID INJECTION \_\_\_\_\_ WASTE DISPOSAL \_\_\_\_\_  
 (IF "GAS") PRODUCTION \_\_\_\_\_ STORAGE \_\_\_\_\_ DEEP \_\_\_\_\_ SHALLOW \_\_\_\_\_  
 LOCATION: ELEVATION 1240 Topo WATERSHED Proctor Creek  
 DISTRICT Proctor 7 COUNTY Wetzel  
 QUADRANGLE New Martinsville 509

SURFACE OWNER Unknown ACREAGE: ?  
 OIL & GAS ROYALTY OWNER Unknown LEASE ACREAGE 122.5 Ac. **08/22/2014**  
 LEASE NO. \_\_\_\_\_  
 PRODUCING FORMATION Gordon TOTAL DEPTH 2900 +/-  
 WELL OPERATOR Perkins Oil & Gas <sup>315<sup>00</sup></sup> DESIGNATED AGENT Deryl Perkins  
 ADDRESS P.O. Box 547 ADDRESS P.O. Box 547  
Pennsboro, West Virginia 26415 Pennsboro, West Virginia 26415

10301661F

CK#17903

\$100<sup>00</sup>

WW-4A  
Revised 6-07

1) Date: \_\_\_\_\_  
2) Operator's Well Number \_\_\_\_\_  
Briggs No. 1 \_\_\_\_\_

3) API Well No.: 47 - 103 - 01661 P

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:  
(a) Name Mark Cecil et al  
Address 28 Rose Street, Lot 36-S  
New Martinsville, WV 26155  
(b) Name \_\_\_\_\_  
Address \_\_\_\_\_  
(c) Name \_\_\_\_\_  
Address \_\_\_\_\_  
6) Inspector Derek Haught  
Address P.O. Box 85  
Smithville, WV 26178  
Telephone 304-206-7613

5) (a) Coal Operator  
Name \_\_\_\_\_  
Address \_\_\_\_\_  
(b) Coal Owner(s) with Declaration  
Name CNX Land Resources  
Address 1000 Consol Energy Drive  
Canonsburg, PA 15317  
Name \_\_\_\_\_  
Address \_\_\_\_\_  
(c) Coal Lessee with Declaration  
Name \_\_\_\_\_  
Address \_\_\_\_\_

TO THE PERSONS NAMED ABOVE: You should have received this Form and the following documents:

- (1) The application to Plug and Abandon a Well on Form WW-1B, 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 reverse 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

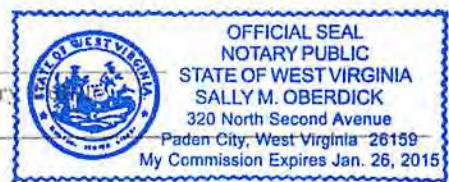
Well Operator Perkins Oil & Gas, Inc.  
By: Clinton Perkins  
Its: Designated Agent  
Address P.O. Box 547  
Pennsboro, WV 26415  
Telephone 304-684-2113

JUN 26 2014

Office of Oil and Gas  
WV Dept. of Environmental Protection

Subscribed and sworn before me this 20th. day of June, 2014  
Sally M. Oberdick  
My Commission Expires January 26, 2015

Notary



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).

08/22/2014

10301661P

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>	<p>A. Signature <span style="float: right;"><input type="checkbox"/> Agent <input type="checkbox"/> Addressee</span>  X <i>Peggy Cecil</i></p> <p>B. Received by (Printed Name) <span style="float: right;">C. Date of Delivery</span>  Peggy Cecil <span style="float: right;">5-30-14</span></p>
<p>1. Article Addressed to:</p> <p style="text-align: right;">✓</p> <p>MARK CECIL ET AL  28 ROSE STREET, LOT 36-S  NEW MARTINSVILLE, WV 26155</p> <p style="text-align: center; color: green; font-weight: bold;">RECEIVED JUN 3 - 2014</p>	<p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes  If YES, enter delivery address below: <input type="checkbox"/> No</p> <p>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</p> <p>4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes</p>
<p>2. Article Number  (Transfer from service label)</p>	<p style="text-align: center; font-weight: bold; font-size: 1.2em;">7013 1710 0001 2370 4397</p>

PS Form 3811, July 2013 Domestic Return Receipt

Received

JUN 26 2014

Office of Oil and Gas  
WV Dept. of Environmental Protection

08/22/2014

10301661P

UNITED STATES POSTAGE  
FIRST CLASS PERMIT NO. 1000  
RITNEY, WYOMING  
\$ 007.40  
0003906139 MAY 28 2014  
MAILED FROM ZIP CODE 26351



**CERTIFIED MAIL™**  
7013 1710 0001 2370 4397



**SMITH LAND SURVEYING, INC.**  
P.O. Box 150  
Glennville, WV 26351

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**TO:** MARK CECIL ET AL  
28 ROSE STREET, LOT 36-S  
NEW MARTINSVILLE, WV 26155

Received

JUN 26 2014

Office of Oil and Gas  
WV Dept. of Environmental Protection

08/22/2014



10301661A

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"/> Agent <input type="checkbox"/> Addressee	
1. Article Addressed to:  <b>CNX LAND RESOURCES, INC.            1000 CONSOL ENERGY DRIVE            CANONSBURG, PA 15317</b>	B. Received by (Printed Name) <i>G. Heff</i>	C. Date of Delivery 6/26/14
2. Article Number <i>(Transfer from service label)</i>	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 6882	
	Domestic Return Receipt	

RECEIVED JUN 26 2014

FITTSBURGH  
 UNITED STATES POSTAL SERVICE  
 JUN 26 2014  
 #8207/8208 1

First-Class Mail  
 Postage & Fees Paid  
 USPS  
 Permit No. G-10

\* Sender: Please print your name, address, and ZIP+4® in this box®

SMITH LAND SURVEYING, INC.  
 ATTENTION: DEANNA MCVICKER  
 PO BOX 150  
 GLENVILLE, WV 26351

Received  
 JUN 26 2014

Office of Oil and Gas  
 WV Dept. of Environmental Protection

08/22/2014

10301661P



SMITH LAND SURVEYING, INC.  
P.O. Box 150  
Glennville, WV 26351

TO:  
CNX LAND RESOURCES, INC.  
1000 CONSOL ENERGY DRIVE  
CANONSBURG, PA 15317

Received

JUN 26 2014

Office of Oil and Gas  
WV Dept. of Environmental Protection



7013 3020 0001 3396 6882

08/22/2014

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

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

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

Watershed Tributary of Proctor Creek Quadrangle New Martinsville 7.5'

Elevation 1,188' 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 20MK

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 \_\_\_\_\_ )

Proposed Work For Which Pit Will Be Used:

- Drilling
- Workover
- Other (Explain \_\_\_\_\_ )
- Swabbing
- Plugging

*DMG*  
*5-25-14*

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

RECEIVED  
Office of Oil and Gas

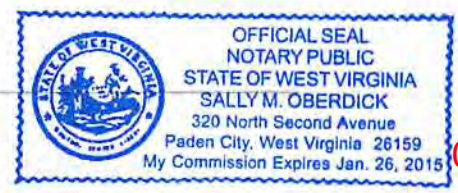
JUN 26 2014

Subscribed and sworn before me this 20th. day of June, 2014

WV Department of  
Environmental Protection

*Sally M. Oberdick* Notary Public

My commission expires January 26, 2015



08/22/2014

**LEGEND**

- Property Boundary
- Road
- Existing Fence
- Planned Fence
- Stream
- Open Ditch
- Rock
- North
- Buildings
- Water wells
- Drill site

- Diversion
- Spring
- Wet Spot
- Drain Pipe with size in inches
- Waterway
- Cross Drain
- Artificial Filter Strip
- Pit: cut walls
- Pit: compacted fill walls
- Area for Land Application of Pit Waste

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**

Seed Type	Area I lbs/acre	Seed Type	Area II 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:

**Received**

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

**JUN 26 2014**

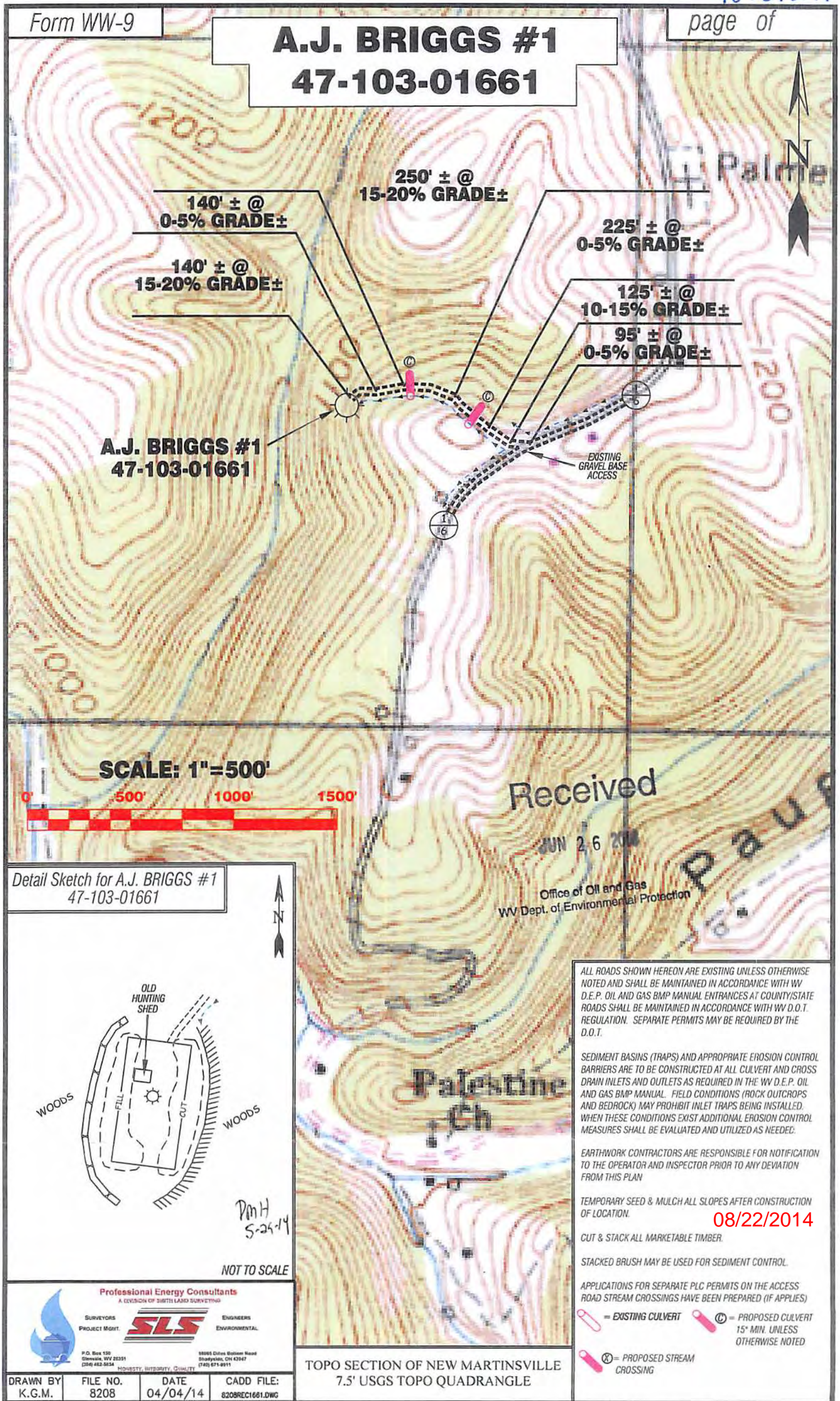
Title: Oil & Gas Inspector

Date: 5-29-14

Office of Oil and Gas  
WV Dept. of Environmental Protection

Field Reviewed? (  ) Yes (  ) No

# A.J. BRIGGS #1 47-103-01661



140' ± @  
0-5% GRADE ±

250' ± @  
15-20% GRADE ±

225' ± @  
0-5% GRADE ±

140' ± @  
15-20% GRADE ±

125' ± @  
10-15% GRADE ±

95' ± @  
0-5% GRADE ±

**A.J. BRIGGS #1  
47-103-01661**

EXISTING  
GRAVEL BASE  
ACCESS

**SCALE: 1"=500'**

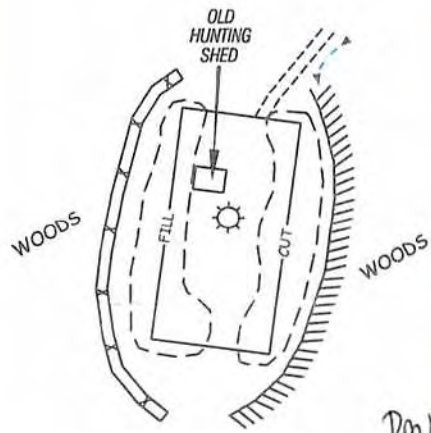


Received

JUN 26 2014

Office of Oil and Gas  
WV Dept. of Environmental Protection

Detail Sketch for A.J. BRIGGS #1  
47-103-01661



PMH  
5-25-14

NOT TO SCALE

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. **08/22/2014**

CUT & STACK ALL MARKETABLE TIMBER.

STACKED BRUSH MAY BE USED FOR SEDIMENT CONTROL.

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

— = EXISTING CULVERT    ⊕ = PROPOSED CULVERT  
15" MIN. UNLESS OTHERWISE NOTED

⊗ = PROPOSED STREAM CROSSING

**Professional Energy Consultants**  
A DIVISION OF DIGITAL LAND SURVEYING

SURVEYORS PROJECT MGMT. **SLS** ENGINEERS ENVIRONMENTAL.

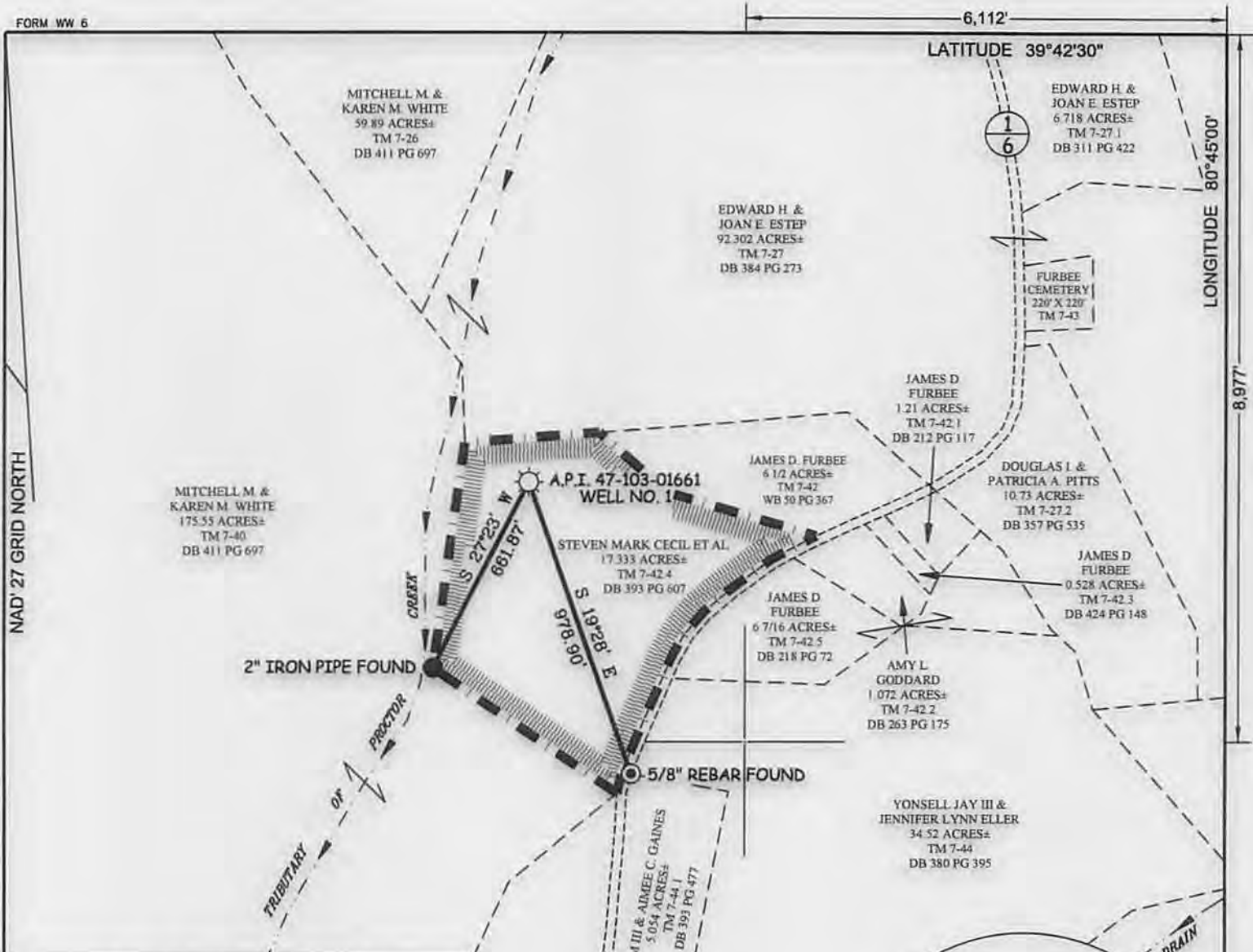
P.O. Box 130  
Glenville, WV 26031  
(206) 482-5834

18095 Chiles Station Road  
Shadyside, OH 43047  
(740) 671-9911

HONESTY. INTEGRITY. QUALITY.

TOPO SECTION OF NEW MARTINSVILLE  
7.5' USGS TOPO QUADRANGLE

DRAWN BY K.G.M.	FILE NO. 8208	DATE 04/04/14	CADD FILE: 8208REC1661.DWG
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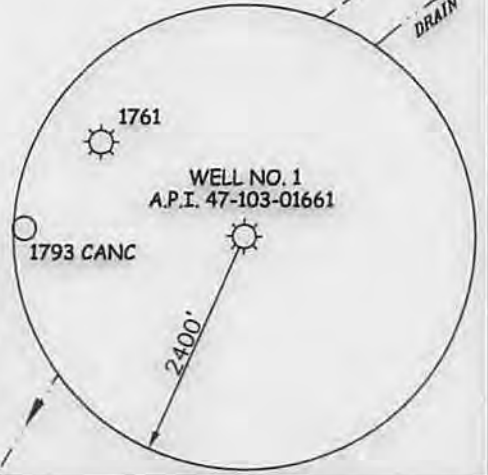


**A.J. BRIGGS LEASE**  
**122.5 ACRES±**  
**WELL NO. 1**  
**A.P.I. 47-103-01661**

(S.P.C. NORTH ZONE) (UTM(M) ZONE 17 NORTH)  
 NAD'27 S.P.C.(FT) N. 433,659 E. 1,642,098  
 NAD'27 GEO. LAT-(N) 39.683688 LONG-(W) 80.771715  
 NAD'83 UTM (M) N. 4,392,684 E. 519,592



- 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 393 AT PAGE 607.
  3. SURFACE OWNER AND ADJOINER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF HARRISON COUNTY IN JULY, 2013.
  4. WELL LAT./LONG. (NAD'27) ESTABLISHED BY DGPS(MAPPING GRADE).

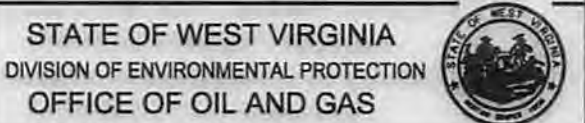


I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DIVISION OF ENVIRONMENTAL PROTECTION.

P.S. 677 *Gregory A. Smith*

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.  
 DATE APRIL 04, 20 14  
 REVISED \_\_\_\_\_, 20 \_\_\_\_  
 OPERATORS WELL NO. A.J. BRIGGS #1  
 API WELL NO. 47 - 103 - 01661 P  
 STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 200 FILE NO. 8208P1661  
 HORIZONTAL & VERTICAL CONTROL DETERMINED BY DGPS (MAPPING GRADE TIE TO CORS NETWORK) SCALE 1" = 500'



WELL TYPE: OIL \_\_\_\_\_ GAS  LIQUID INJECTION \_\_\_\_\_ WASTE DISPOSAL \_\_\_\_\_ IF "GAS" PRODUCTION  STORAGE \_\_\_\_\_ DEEP \_\_\_\_\_ SHALLOW

LOCATION: ELEVATION 1,188' WATERSHED TRIBUTARY OF PROCTOR CREEK  
 DISTRICT PROCTOR COUNTY WETZEL QUADRANGLE NEW MARTINSVILLE 7.5'

SURFACE OWNER MARK CECIL ET AL ACREAGE 17.333±  
 ROYALTY OWNER ELIZABETH BRIGGS HEIRS AND / OR ASSIGNS ET AL ACREAGE 122.5±

PROPOSED WORK: DRILL \_\_\_\_\_ CONVERT \_\_\_\_\_ DRILL DEEPER \_\_\_\_\_ REDRILL \_\_\_\_\_ FRACTURE OR STIMULATE \_\_\_\_\_ PLUG OFF OLD FORMATION \_\_\_\_\_ PERFORATE NEW FORMATION \_\_\_\_\_ PLUG AND ABANDON  CLEAN OUT AND REPLUG \_\_\_\_\_ OTHER \_\_\_\_\_  
 PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_ TARGET FORMATION GORDON  
 ESTIMATED DEPTH 2,900'

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

COUNTY NAME  
 PERMIT

08/22/2014