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 02, 2014

WELL WORK PLUGGING PERMIT

Plugging

This permit, API Well Number: 47-8101224, issued to EXCO RESOURCES (PA), LLC, is evidence of permission granted to perform the specified well work at the location described on the attached pages and located on the attached plat, subject to the provisions of Chapter 22 of the West Virginia Code of 1931, as amended, and all rules and regulations promulgated thereunder, and to all conditions and provisions outlined in the pages attached hereto. Notification shall be given by the operator to the Oil and Gas Inspector at least 24 hours prior to the construction of roads, locations, and/or pits for any permitted work. In addition, the well operator shall notify the same inspector 24 hours before any actual well work is commenced and prior to running and cementing casing. Spills or emergency discharges must be promptly reported by the operator to 1-800-642-3074 and to the Oil and Gas inspector.

Upon completion of the plugging well work, the above named operator will reclaim the site according to the provisions of WV Code 22-6-30. The above named operator will also file, as required in WV Code 22-6-23, an affidavit on form WR-38 by two experienced persons in the operator's employment and the Oil and Gas inspector that the work authorized under this permit was performed and a description given. Failure to abide by all statutory and regulatory provisions governing all duties and operations here under may result in suspensions or revocation of this permit and in addition may result in civil and/or criminal penalities being imposed upon the operator.

This permit will expire in two (2) years from date of issue. If there are any questions, please free to contact me at (304) 926-0499 ext. 1654.

James Martin
Chief

Operator's Well No: POCAHONTAS 2
Farm Name: MARTIN, JOHN LAYMON JR.
API Well Number: 47-8101224
Permit Type: Plugging
Date Issued: 07/02/2014

Promoting a healthy environment.

8101224P

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.
4. This well is under a consent order and must be plugged within two years of the date of issuance of this permit.

8101224P

WW-4B
Rev. 2/01

1) Date February 7, 2014
2) Operator's Well No. Pocahontas 2
3) API Well No. 47- 081 - 01224

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 ____ or Underground storage ____) Deep ____/ Shallow X

5) Location: Elevation 2124' Watershed Tributary of Rockhouse Fork
District Trap Hill County Raleigh Quadrangle Lester 7.5

6) Well Operator EXCO Resources (PA), LLC
Address PO Box 8
Ravenswood, WV 26164

7) Designated Agent Diana Stamper/C.T. Corp Systems
Address 5400 D Big Tyler Road
Charleston, WV 25301

8) Oil and Gas Inspector to be notified
Name Gary Kennedy
Address PO Box 268
Nimitz, WV 25978

9) Plugging Contractor
Name
Address

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

1. RIH check TD @ +/- 1200' - RIH tubing to 1200'; load hole with 6% gel.
2. Rig up and pump 150 sks class A cement 1200'-410'; WOC 8 hrs
3. RIH tag top of plug @ 410'; if needed add additional class A cement to achieve TOC @ 410'
4. Pooh tbg to 200'; rig up and pump 50 sks class A cement - 200' - surface. Erect monument with API#.

Pull Conductor.
gwm

Received
APR 17 2014
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 Gary Kennedy Date 2/28/14

6101224A

WR-35
Rev (5-01)

DATE: 8/26/2002
API # : 47-8101224-C

State of West Virginia
Department of Environmental Protection
Office of Oil and Gas

GCS

Well Operator's Report of Well Work

Farm name: Mabel S Martin Operator Well No.: Pocahontas #2
LOCATION: Elevation: GL 2124' Quadrangle: Lester 7.5'

District: Trap Hill County: Raleigh
Latitude: 8250 Feet South of 37 Deg. 45 Min. 00 Sec.
Longitude 3890 Feet West of 81 Deg. 20 Min. 00 Sec.

Company: Energy Search, Inc.	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
Address: 88 Products Lane	13 3/8"	20'	20'	
Marietta, OH 45750				
Agent: Mike McCown	7"	616'	616'	150 sks
Inspector: Rick Campbell				
Date Permit Issued: 03/01/2001				
Date Well Work Commenced: 4/8/2001				
Date Well Work Completed: 4/11/2001				
Verbal Plugging:				
Date Permission granted on:				
Rotary XX Cable Rig				
Total Depth (feet): 1200'				
Fresh Water Depth (ft.): 571' 1" stream				
847' Damp				
Salt Water Depth (ft.): N/A				
Is coal being mined in area (N/Y)? N				
Coal Depths (ft.): 571'				

RECEIVED
Office of Oil & Gas
MAR 2 1 2005
WV Department of
Environmental Protection

OPEN FLOW DATA

Producing formation: No production casing was run – well was not completed – well abandoned and is to be plugged

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

Formation Tops:
Poca #3 - 931 - 933
Poca #2 – 978 - 980
& - 986 - 989

Signed: Kent C. Stewart
By: Kent C. Stewart - Geologist
Date: 03.11.2005

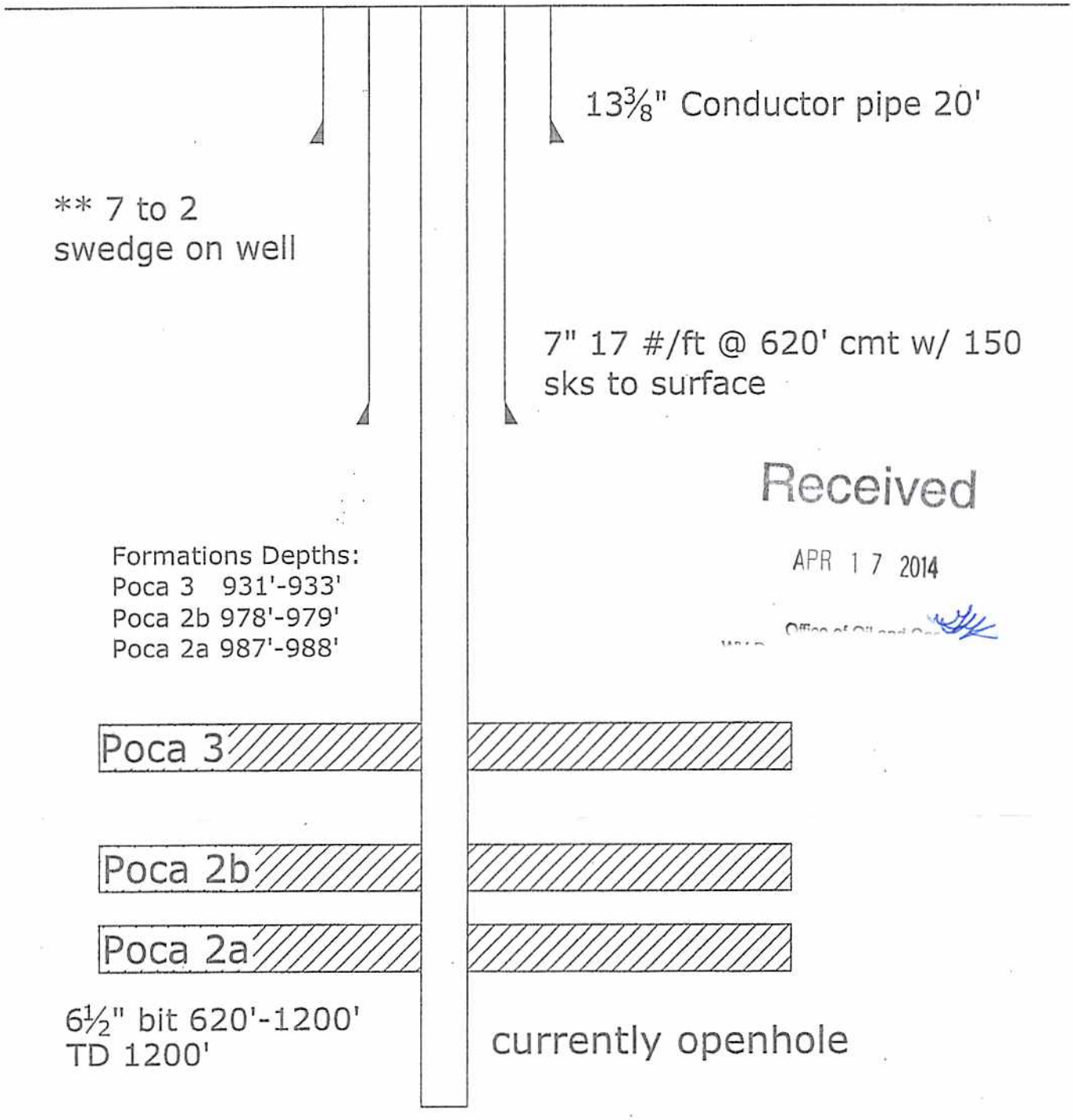
Lester 1

8101224P

Pocahontas 2

FRESH WATER 57.1'

Elevation: 2124' GL 2129' KB



Received
APR 17 2014
Office of Oil and Gas

8101224P Ck# 242513
$100.00

WW-4A
Revised 6-07

1) Date: February 7, 2014
2) Operator's Well Number
Pocahontas 2

3) API Well No.: 47 - 081 - 01224

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

4) Surface Owner(s) to be served:
(a) Name: John Martin Jr ✓
Address: 1285 Old Bryson Rd
Lester, WV 25865

(b) Name
Address

(c) Name
Address

5) (a) Coal Operator
Name
Address

(b) Coal Owner(s) with Declaration
Name: WPP LLC ✓
Address: 5260 Irwin Road
Huntington, WV 25705

Name
Address

(c) Coal Lessee with Declaration
Name: ICG Beckley, LLC ✓
Address: PO Box 49221 Old Eccles Road
Eccles, WV 25836

6) Inspector: Gary Kennedy
Address: PO Box 268
Nimitz, WV 25978
Telephone: 304-382-8402

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: EXCO Resources (PA), LLC
By: Rick Green
Its: Construction Specialist I
Address: PO Box 8
Ravenswood, WV 26164
Telephone: 304-273-5371

OFFICIAL SEAL
NOTARY PUBLIC
STATE OF WEST VIRGINIA
SHELLY WELLING
RR 1, Box 120
Given, West Virginia 25245
My Commission Expires Nov. 19, 2018

Received
APR 17 2014
Office of Oil and Gas
WV Dept. of Environmental Protection

Subscribed and sworn before me this 14th day of March, 2014
Shelly Welling Notary Public
My Commission Expires 11/19/18

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.

8101224 P

SURFACE OWNER WAIVER

Operator's Well Number Pocahontas 2

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.

Received
APR 17 2014
Office of Oil and Gas
WV Dept. of Environmental Protection

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

John L. Martin Jr. Date 2-26-14
Signature

FOR EXECUTION BY A CORPORATION, ETC.

Name _____
By _____
Its _____ Date _____

Signature Date

8101224P
Pocahonta 2

SENDER: COMPLETE THIS SECTION

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

1. Article Addressed to:

WPP LLC
5260 Irwin Road
Huntington, WV 25705

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X M Townsend ☐ Agent ☐ Addressee

B. Received by (Printed Name) M Townsend
C. Date of Delivery

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

3. Service Type
☐ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? (Extra Fee) ☐ Yes

2. Article Number (Transfer from service label) 7006 2760 0005 3354 2277

PS Form 3811, February 2004 Domestic Return Receipt 102595-02-M-1540

7006 2760 0005 3354 2277

U.S. Postal Service™
CERTIFIED MAIL™ RECEIPT
(Domestic Mail Only; No Insurance Coverage Provided)

For delivery information visit our website at www.usps.com®

OFFICIAL USE

Postage	$ ~~3.30~~ .90
Certified Fee	~~2.70~~ 3.30
Return Receipt Fee (Endorsement Required)	2.70
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	$ 6.90

MILLWOOD, WV 25262
Postmark Here
APR 14 2014
USPS

Sent To
Street, Apt. or PO Box
City, State,

WPP LLC ✓
5260 Irwin Road
Huntington, WV 25705

PS Form 3800, August 2006 See Reverse for Instructions

Received
APR 17 2014
Office of Oil and Gas
WV Dept. of Environmental Protection

8101224P
Pocahontas 2

SENDER: COMPLETE THIS SECTION

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

1. Article Addressed to:

ICG BECKLEY LLC
PO BOX 49221
OLD ECCLES ROAD
ECCLES WV 25836

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X Lisa C. Harris ☐ Agent ☐ Addressee

B. Received by (Printed Name) Lisa C. Harris
C. Date of Delivery 2/21/14

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

3. Service Type
☐ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? (Extra Fee) ☐ Yes

2. Article Number (Transfer from service label) 7006 2760 0005 3354 3267

PS Form 3811, February 2004 Domestic Return Receipt 102595-02-M-1540

U.S. Postal Service™
CERTIFIED MAIL™ RECEIPT
(Domestic Mail Only; No Insurance Coverage Provided)

For delivery information visit our website at www.usps.com®

OFFICIAL USE

Postage	$ .90
Certified Fee	3.30
Return Receipt Fee (Endorsement Required)	2.70
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	$ 6.90

MILLWOOD WV 25262 FEB 20 2014 USA Postmark Here

7006 2760 0005 3354 3267

Sent To
Street, Apt. No.; or PO Box No.
City, State, ZIP+4

ICG BECKLEY LLC
PO BOX 49221
OLD ECCLES ROAD
ECCLES WV 25836

PS Form 3800, August 2006 See Reverse for Instructions

Received
APR 17 2014
Office of Oil and Gas
Environmental Protection

8101224P

WW-9
Rev. 5/08

API Number 47 - 081 - 01224
Operator's Well No. Pocahontas 2

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 EXCO Resources (PA), LLC OP Code 307860

Watershed Tributary of Rockhouse Fork Quadrangle Lester 7.5

Elevation 2124' County Raleigh District Trap Hill

Description of anticipated Pit Waste: cement, water, gel

Will a synthetic liner be used in the pit? yes 20 Mil.

Proposed Disposal Method For Treated Pit Wastes:

- X Land Application
- ___ Underground Injection (UIC Permit Number ___)
- ___ Reuse (at API Number ___)
- ___ Off Site Dispposal (Supply form WW-9 for disposal location)
- X Other (Explain pit waste will be solidified with cement

Proposed Work For Which Pit Will Be Used:

- ___ Drilling
- ___ Workover
- ___ Other (Explain ___
- ___ Swabbing
- X 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.

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Office of Oil and Gas
WV Dept. of Environmental Protection

Company Official Signature [signature]

Company Official (Typed Name) Rick Green

Company Official Title Construction Specialist I

Subscribed and sworn before me this 19 day of Feb, 2014

[signature] Notory Public

My commission expires 11/19/18

OFFICIAL SEAL
NOTARY PUBLIC
STATE OF WEST VIRGINIA
SHELLY WELLING
RR 1, Box 120
Given, West Virginia 25245
My Commission Expires Nov. 19, 2018

8101224P

Form WW-9

Operator's Well No. Pocahontas 2

LEGEND

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

Diversion
Spring
Wet Spot
Drain Pipe with size in inches 12
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 >1 Prevegetation pH _____

Lime 2 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

Area I		Area II	
Seed Type	lbs/acre	Seed Type	lbs/acre
KY 31 Fescue	40	same as Area I	
Alsike Clover	5		
Annual Rye	16		

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

Photocopied section of involved 7.5' topographic sheet.

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APR 17 2014
Office of Oil and Gas
WV Dept. of Environmental Protection

Plan Approved by: Jerry Kennedy

Comments:

Title: Inspector Date: 2/28/14

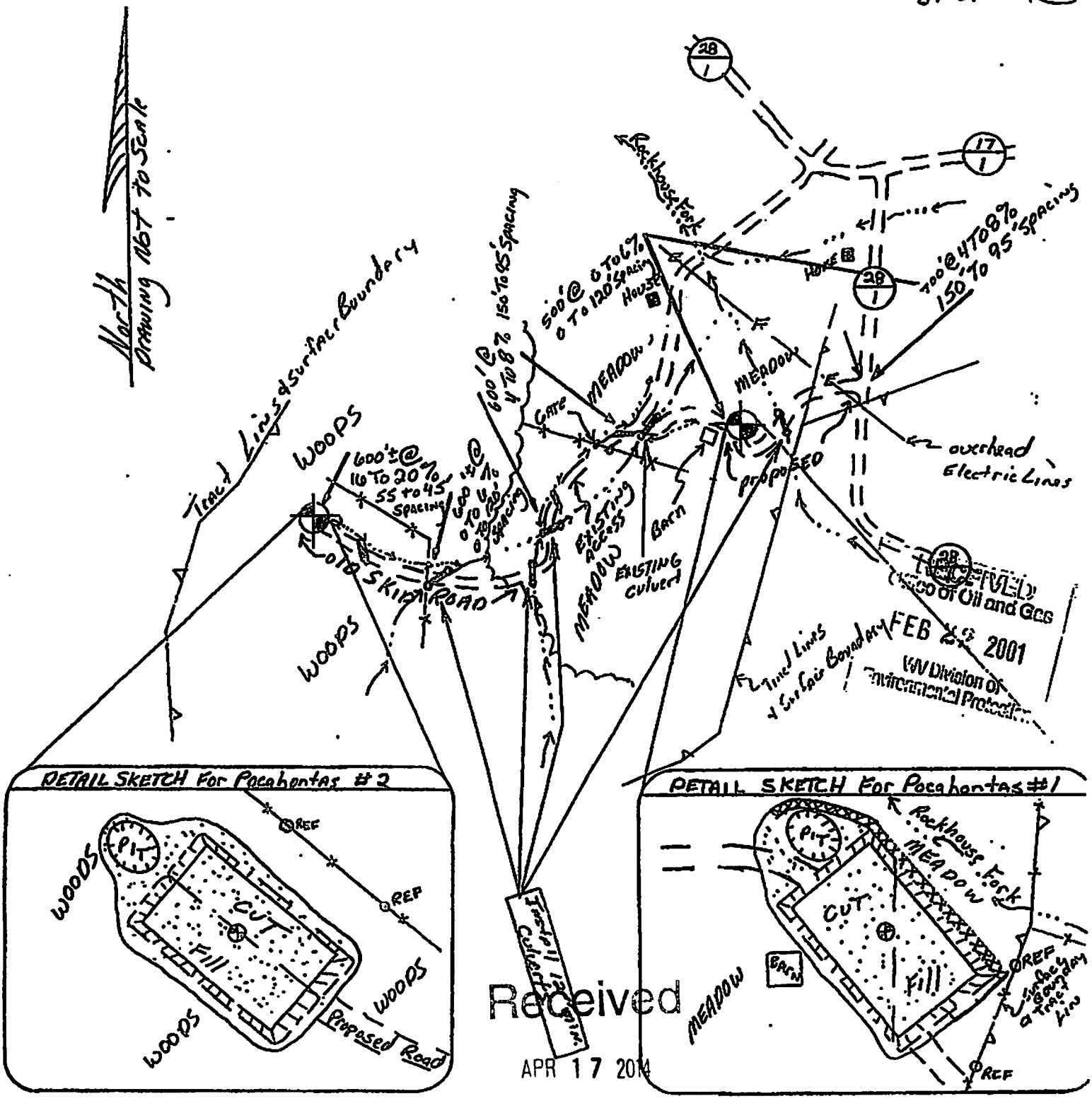
Field Reviewed? (_____) Yes (_____) No

810224P

Form WW-9

WESTERN POCAHONTAS LEASE WELL NO. 2

81-01224C



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Office of Oil and Gas
FEB 28 2001
WV Division of Environmental Protection

Received
APR 17 2014
Office of Oil and Gas
WV Dept. of Environmental Protection

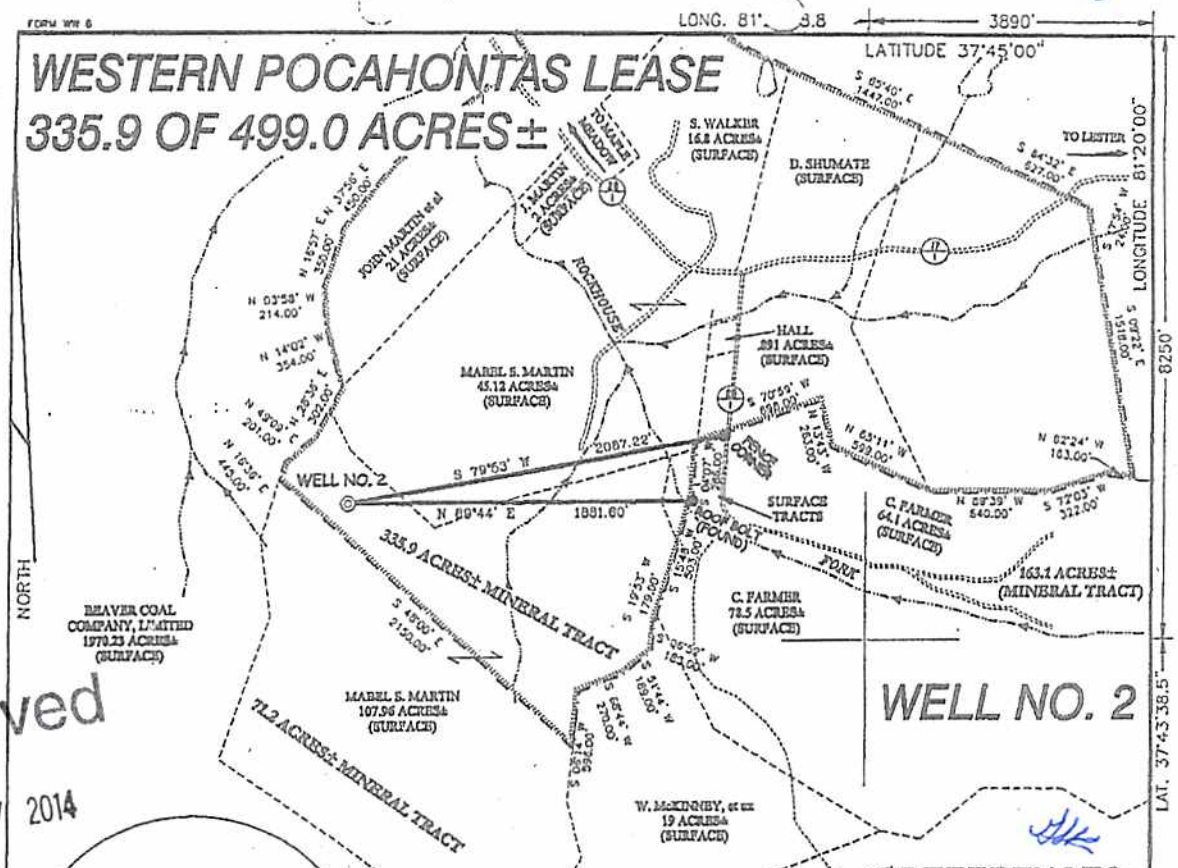
SLS SMITH LAND SURVEYING, INC.
P.O. BOX 150, GLENVILLE, WV 26351
Phone (304) 462-5656 or 462-5634

DRAWN BY T.S. DATE 1-31-01 FILE NO. 4590

810224P

FORM WW 6

WESTERN POCAHONTAS LEASE
335.9 OF 499.0 ACRES±



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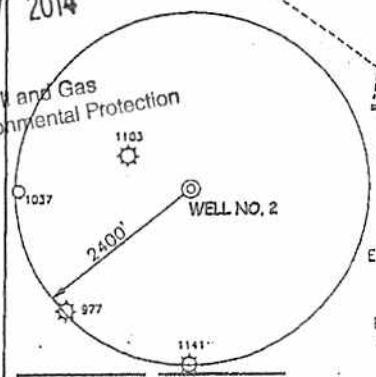
APR 17 2014

Office of Oil and Gas
WV Dept. of Environmental Protection

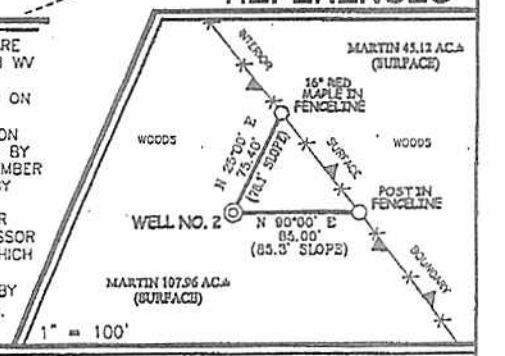


SLS

NOTES ON SURVEY

1. TIES TO WELLS AND CORNERS ARE BASED ON STATE PLANE GRID NORTH WV SOUTH ZONE NAD '27.
2. TIES TO REFERENCES ARE BASED ON MAGNETIC NORTH 01/30/01.
3. LEASE BOUNDARY SHOWN HEREON TAKEN FROM AN ABSTRACT OF TITLE BY EDWARD P. STANSBERRY DATED SEPTEMBER 29, 1965 AS PROVIDED BY ENERGY SEARCH, INCORPORATED.
4. SURFACE OWNER AND ADJOINER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF WHICH COUNTY IN JANUARY, 2001.
5. WELL LAT./LONG. ESTABLISHED BY DGPS(SUBMETER MAPPING GRADE).

REFERENCES



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 DEPARTMENT OF ENERGY.

P.S. 677 Gregory A. Smith

GREGORY A. SMITH LICENSED No. 677 STATE OF WEST VIRGINIA PROFESSIONAL SURVEYOR

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.

DATE FEBRUARY 5, 20 01

OPERATORS WELL NO. POCAHONTAS NO. 2

API WELL NO. 47 — — (STATE / COUNTY / PERMIT)

MINIMUM DEGREE OF ACCURACY 1 / 2500 FILE NO. 4590P2(97-53)

SCALE 1"=800'

PROVEN SOURCE OF ELEVATION BENCHMARK ELEVATION 1933'

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

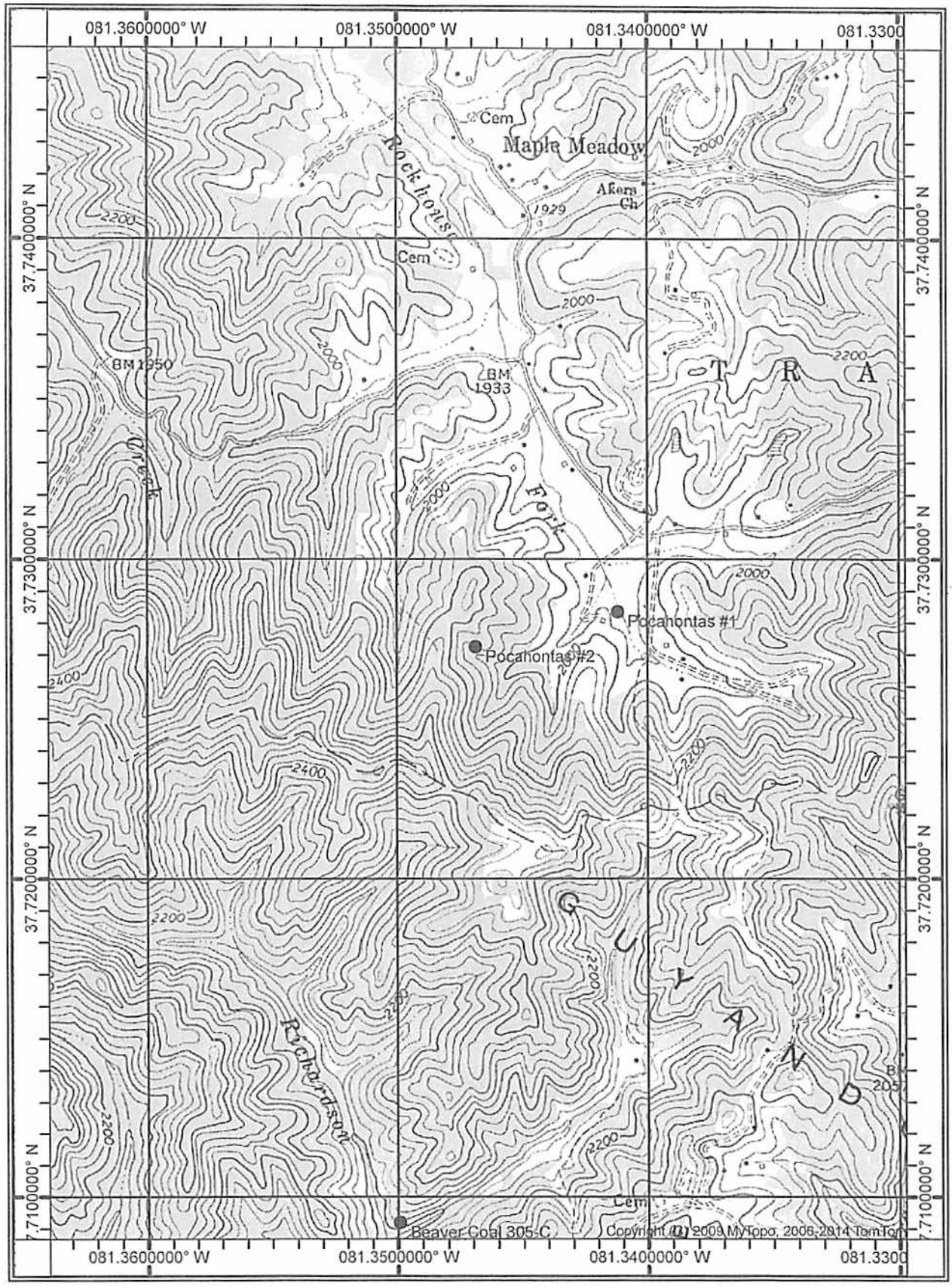
LOCATION :
ELEVATION 2124' WATERSHED TRIBUTARY OF ROCKHOUSE FORK
DISTRICT TRAP HILL COUNTY RALEIGH QUADRANGLE LESTER 7.5'
SURFACE OWNER MABEL S. MARTIN ACREAGE 107.96±
ROYALTY OWNER WESTERN POCAHONTAS LIMITED PARTNERSHIP LEASE ACREAGE 335.9 OF 499.0±
PROPOSED WORK : LEASE NO. ___
DRILL X CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE X PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION ___ PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___ OTHER ___
PHYSICAL CHANGE IN WELL (SPECIFY) ___ TARGET FORMATION POCAHONTAS #3
ESTIMATED DEPTH 1300'

COUNTY NAME

PERMIT

WELL OPERATOR ENERGY SEARCH, INC. DESIGNATED AGENT FRANK ROTUNDA
ADDRESS 280 SANDERS W. BLVD. SUITE 200 ADDRESS 1608 GREENMONT HILLS DR.
KNOXVILLE, TN 37922 VIENNA, WV 26105

8101224P



SCALE 1:20000

0 1000 2000 3000 4000 5000

FEET

Received

APR 17 2014

Office of Oil and Gas
WV Dept. of Environmental Protection

8101224P

WW-7
8-30-06

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

API: 47-081-01224 **WELL NO.:** 2

FARM NAME: Pocahontas

RESPONSIBLE PARTY NAME: Exco Resources PA LLC

COUNTY: Raleigh **DISTRICT:** Trap Hill

QUADRANGLE: Lester 7.5

SURFACE OWNER: Mabel S. Martin

ROYALTY OWNER: Western Pocahontas Limited Partnership

UTM GPS NORTHING: 4175622.67

UTM GPS EASTING: 469385.12 **GPS ELEVATION:** 647.39 (2124')

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

APR 17 2014

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.

R. A. Brown — Construction specialist — 1-21-14

Signature — Title — Date