



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

March 31, 2014

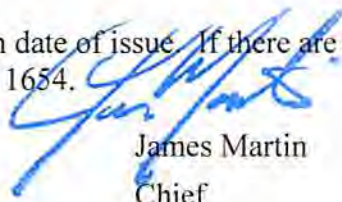
WELL WORK PLUGGING PERMIT

Plugging

This permit, API Well Number: 47-500046, issued to COAL RIVER ENERGY 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: 6
Farm Name: PICKINS & GUTHERIE
API Well Number: 47-500046
Permit Type: Plugging
Date Issued: 03/31/2014

Promoting a healthy environment.

04/04/2014

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

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.

WW-4B
Rev. 2/01

1) Date _____, 20____
2) Operator's
Well No. 6
3) API Well No. 47-005 - 00046

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 1265 Watershed Pond Fork
District Peytona 2 County Boone 5 Quadrangle Julian 7.5 411

6) Well Operator Coal River Energy LLC 7) Designated Agent _____
Address Box 79 Address _____
79

8) Oil and Gas Inspector to be notified 9) Plugging Contractor
Name Ross Eller Name _____
Address _____ Address _____

10) Work Order: The work order for the manner of plugging this well is as follows:
Run 2 3/8" tubing to 2497' TD. Pump 6% gel to surface, set 200' cement plug to cover perfs. Pull tubing to 1800'
and set 200' cement plug. Pull 2 3/8 tubing out of well and use wire line truck to free point 6" 5/8" casing cut casing at free point and set 200' cement plug.
Pull 6 5/8" casing to 500' and set 200' cement plug pull 6 5/8" casing out of well and set a monument with API and date plugged.

UTM East 429871.3 UTM North 4225977.3

Coal is being mined to a depth of 300' and mining area will be reclaimed to Dept. of Energy regulations

SEE ATTACHMENT

GEL MUST BE AT LEAST 6% BENTONITE BY WEIGHT MIXED W/ FRESH WATER
CEMENT PLUGS MUST BE A MINIMUM OF 100' CLASS A
CEMENT WITH NO MORE THAN 3% CaCl₂ AND NO OTHER ADDITIVES.

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

JMM 3/28/2014

Work order approved by inspector _____ Date _____

ELEVATION 1265'

TO 2497'

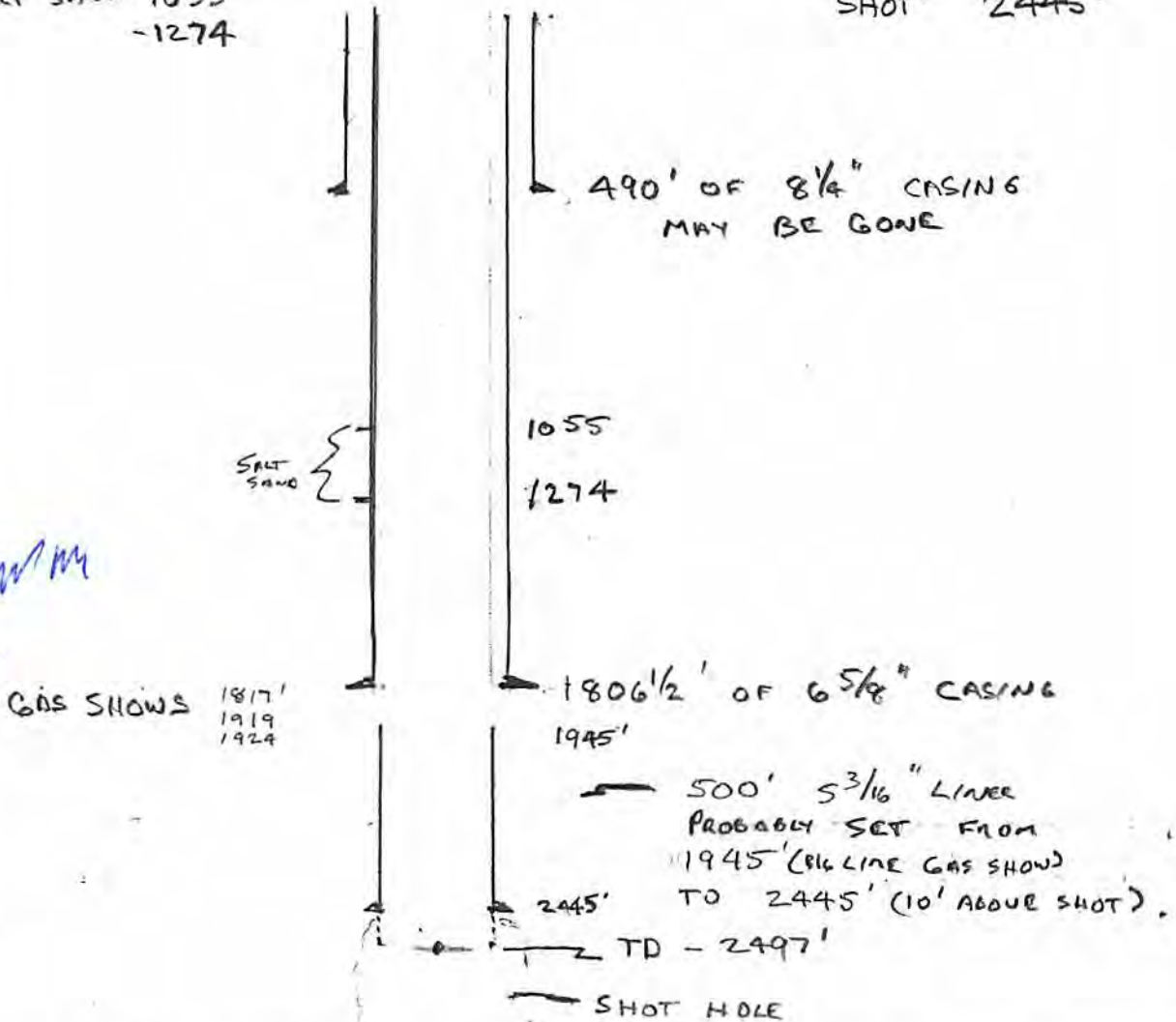
SALT SAND 1055
-1274

SHOT 2445'

CAMPAD

OK
JMM

3/31/2014



Run 2 3/8" TUBING TO 2445' (BOTTOM OF 5 3/16" LINER)

PUMP 6% GEL TO SURFACE, SET 200' ^{BOTTOM HOLE} CEMENT PLUG.

PULL TUBING TO 2000' AND SET 250' CEMENT PLUG TO COVER GAS SHOWS AND 50' UP INTO 6 5/8" CASING (PLUG 2000' - 1750').

PULL TUBING TO 1055' AND SET 100' CEMENT PLUG FROM 1055' - 955'.

PULL 2 3/8" TUBING OUT OF WELL AND FREE POINT 6 5/8" CASING, CUT CASING AT FREE POINT AND

SET 100' CEMENT PLUG ACROSS CASING CUT.

PULL 6 5/8" CASING TO 500' AND SET 500' PLUG TO COVER CASING POINT AND COAL SEAMS.

SET MONUMENT w/ API # AND DATE PLUGGED.

04/04/2014

WEST VIRGINIA DEPARTMENT OF MINES

OIL & GAS SECTION

PRELIMINARY DATA SHEET NO. 1

B 7-40

File No. _____ Well No. 6
Savage Oil & Gas Company, of Charleston, West Virginia,
on the Pickens & Guthrie Farm
containing 1689 acres. Location _____
Scott District; in Boone County, West Va.

The surface of the above tract is owned in fee by
Pickens Estate Tornada, West Virginia
& L.V. Guthrie of Huntington, West Virginia address; and the
mineral rights are owned by _____ of _____

The oil and gas privileges are held under lease by
the above named company, and this well is drilled under permit No.
_____ issued by the West Virginia Department of Mines, Oil and Gas
Section, September 27 1929.

Elevation of surface at top of well, 1263 Spirit Barometric.

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

201 feet 10" size, Wood conductor.

490 feet 8 1/2" size, csg. _____ feet _____ sized csg.

1806 feet 6-5/8" size, csg. _____ feet _____ sized csg.

500 feet 5 3/16" size, csg. _____ feet _____ sized csg.

_____ packer of _____ size, set at _____

_____ packer of _____ size, set at _____

_____ in casing perforated at _____ feet to _____ feet.

_____ in casing perforated at _____ feet to _____ feet.

Coal was encountered at 80 feet; thickness 48" inches, and at

250 feet; thickness 60 inches; and at 290 feet; thickness

48 inches.

Liners were used as follows: (Give details) _____

800' 5-3/16 Liner 1997 to 2447' No Tubing or Packers

_____ casing left in the well.

November 15 1929
Date



Approved _____ Owner.
By _____ (Title)

COMPLETION DATA SHEET NO. 2
FORMATION RECORD

B-46

NAME	COLOR	CHARACTER	OIL, GAS OR WATER	TOP	BOTTOM	THICKNESS	TOTAL DEPTH	RE-MARKS
Clay				0'	7'	7'	7'	
Slate				7	20	13	20	
Sand				20	35	15	35	
Slate				35	80	45	80	
Coal				80	84	4	84	
Sand				84	94	10	94	
Slate Shells				94	250	156	250	
Coal				250	255	5	255	
Slate				255	290	35	290	
Coal				290	294	4	294	
Slate Shells				294	475	181	475	
Lime				475	527	52	527	
Slate				527	815	288	815	
Sand				815	995	180	995	
Slate Shells				995	1055	60	1055	Water 1115'
Salt Sand				1055	1274	219	1274	
Slate Shells				1274	1390	116	1390	Water 1415'
2nd Salt Sand				1390	1630	240	1630	
Slate				1630	1635	5	1635	
Red Rock				1635	1643	8	1643	
Slate Shells				1643	1655	12	1655	
Red Rock				1655	1663	8	1663	Gas 1817' 12"
Slate Shells				1663	1752	89	1752	
Little Lime				1752	1780	28	1780	
Pencil Cave				1780	1785	5	1785	27 to 1924' 10"
Big Lime				1785	1984	199	1984	Gas 1919' 10"
Big-Injun Sand				1984	2025	41	2025	
Slate & Shells				2025	2165	60	2165	
Wier Shells				2165	2265	80	2265	
Slate Shells				2265	2398	133	2398	2405'
Stray Shell				2398	2410	12	2410	Show oil/
Slate Shells				2410	2443	33	2443	
Coffee Shale				2443	2455	12	2455	
Berea Grit				2455	2468	13	2468	
Shell				2468	2497	29	2497	

Well was shot at 2455 feet; well was shot at 2497 feet.

1st Salt 2nd Salt
Fresh water at 1115 feet; fresh water at 1415 feet.

Well was producing hole.

October 29, 1929 Date Approved Rayne Oil & Gas Company Owner

NOTE: All bottom formations must be noted as indicated above and all key-rocks and oil and gas sands must be recorded under their proper geological names in the district as well as any local names for which strata that may be common to the district.

5000468

WW-4A
Revised 6-07

1) Date: March 17, 2014
2) Operator's Well Number
Pickens and Guthrie #6

3) API Well No.: 47 - 005 - 00046

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

4) Surface Owner(s) to be served:	5) (a) Coal Operator
(a) Name <u>Robin Land Company, LLC</u> ✓	Name <u>Coal River Energy, LLC</u> ✓
Address <u>500 Lee Street, Suite 900</u>	Address <u>P.O. Box 79</u>
<u>Charleston, WV 25301</u>	<u>Alum Creek, WV 25003</u>
(b) Name _____	(b) Coal Owner(s) with Declaration
Address _____	Name <u>Appalachian Power Company</u> ✓
	Address <u>c/o Robin Land Company, LLC</u>
	<u>500 Lee Street, Suite 900</u>
(c) Name _____	Name <u>Charleston, WV 25301</u>
Address _____	Address _____
6) Inspector <u>Ross Eller</u>	(c) Coal Lessee with Declaration
Address _____	Name <u>Coal River Energy, LLC</u> ✓
	Address <u>P.O. Box 79</u>
Telephone <u>1-304-922-6844</u>	<u>Alum Creek, WV 25003</u>

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

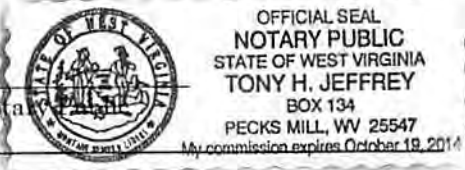
- (1) The application to Plug and Abandon a Well on Form WW-4B, which sets out the parties involved in the work and describes the well its and the plugging work order; and
- (2) The plat (surveyor's map) showing the well location on Form WW-6.

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 Coal River Energy, LLC
 By: Donald J. Epperly
 Its: Designated Agent
 Address P.O. Box 79
Alum Creek, WV 25003
 Telephone 304-756-2901

Subscribed and sworn before me this 18th day of March, 2014
Tony Jeffrey Notary Public
 My Commission Expires October 19th 2014
 My commission expires October 19, 2014



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.

04/04/2014

500046

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7009

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Restricted Delivery Fee (Endorsement Required)	
Total Postage	

ALUM CREEK WV
MAR 20 2014

Sent To
 Appalachian Power Company
 Robin Land Company, LLC
 500 Lee Street East, Ste 900
 Charleston, WV 25301

PS Form 3800, August 2009

0505
5834
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Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total Postage &	

ALUM CREEK WV
MAR 20 2014

Sent To
 Appalachian Power Company
 c/o CT Corporation System
 5400 D Big Tyler Road
 Charleston, WV 25313

PS Form 3800, August 2009

0505
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0997
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ALUM CREEK WV
MAR 20 2014

Sent To
 Appalachian Power Company
 Robin Land Company, LLC
 500 Lee Street East, Ste 900
 Charleston, WV 25301

PS Form 3800, August 2009

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Total Postage & F	

ALUM CREEK WV
MAR 20 2014

Sent To
 Appalachian Power Company
 1 Riverside Plaza
 Columbus, OH 43215

PS Form 3800, August 2009

04/04/2014

WW-4B

API No.	<u>47-005-00046</u>
Farm Name	<u>Pickens and Guthrie</u>
Well No.	<u># 6</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 X / owner _____ / lessee X / 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: 3/18/2014

Coal River Energy, LLC
 By: [Signature]
 Its GENERAL MANAGER

04/04/2014

WW-4B

API No.	<u>47-005-00046</u>
Farm Name	<u>Pickens and Guthrie</u>
Well No.	<u># 6</u>

**INSTRUCTIONS TO COAL OPERATORS
OWNERS AND LESSEE**

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WAIVER

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Date: _____

Appalachian Power Company

By: _____

Its _____

04/04/2014

SURFACE OWNER WAIVER

Operator's Well
Number

Pickens and Guthrie # 6

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 <u>Robin Land Company, LLC</u>	_____
Signature		By <u>[Signature]</u>	Date <u>3-18-14</u>
		Its <u>[Signature]</u>	
		Signature	Date

04/04/2014

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 Coal River Energy LLC OP Code 494464049

Watershed Pond Fork Quadrangle Julian 7. 5

Elevation 1174.6' County Clay District Peytona

Description of anticipated Pit Waste: Salt Water, Cementing Fluids and gel

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

Proposed Disposal Method For Treated Pit Wastes:

- Land Application
- Underground Injection (UIC Permit Number 2D0873432)
- Reuse (at API Number _____)
- Off Site Disposal (Supply form WW-9 for disposal location)
- Other (Explain All waste liquids in pit after plugging to be placed in containers and transported to UIC #2D0873432)

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 *Donald J. Epperly*
 Company Official (Typed Name) Donald J. Epperly
 Company Official Title Designated Agent

RECEIVED
Office of Oil and Gas

MAR 21 2014

WV Department of
Environmental Protection

Subscribed and sworn before me this 18th day of March, 2014

Kelly A Foreman

My commission expires June 12, 2022



04/04/2014

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 .5 Prevegetation pH 6.5
 Lime _____ 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	Seed Type	Area II	lbs/acre
KY 31 Fescue		50			

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

Photocopied section of involved 7.5' topographic sheet.

Julian Quadrangle

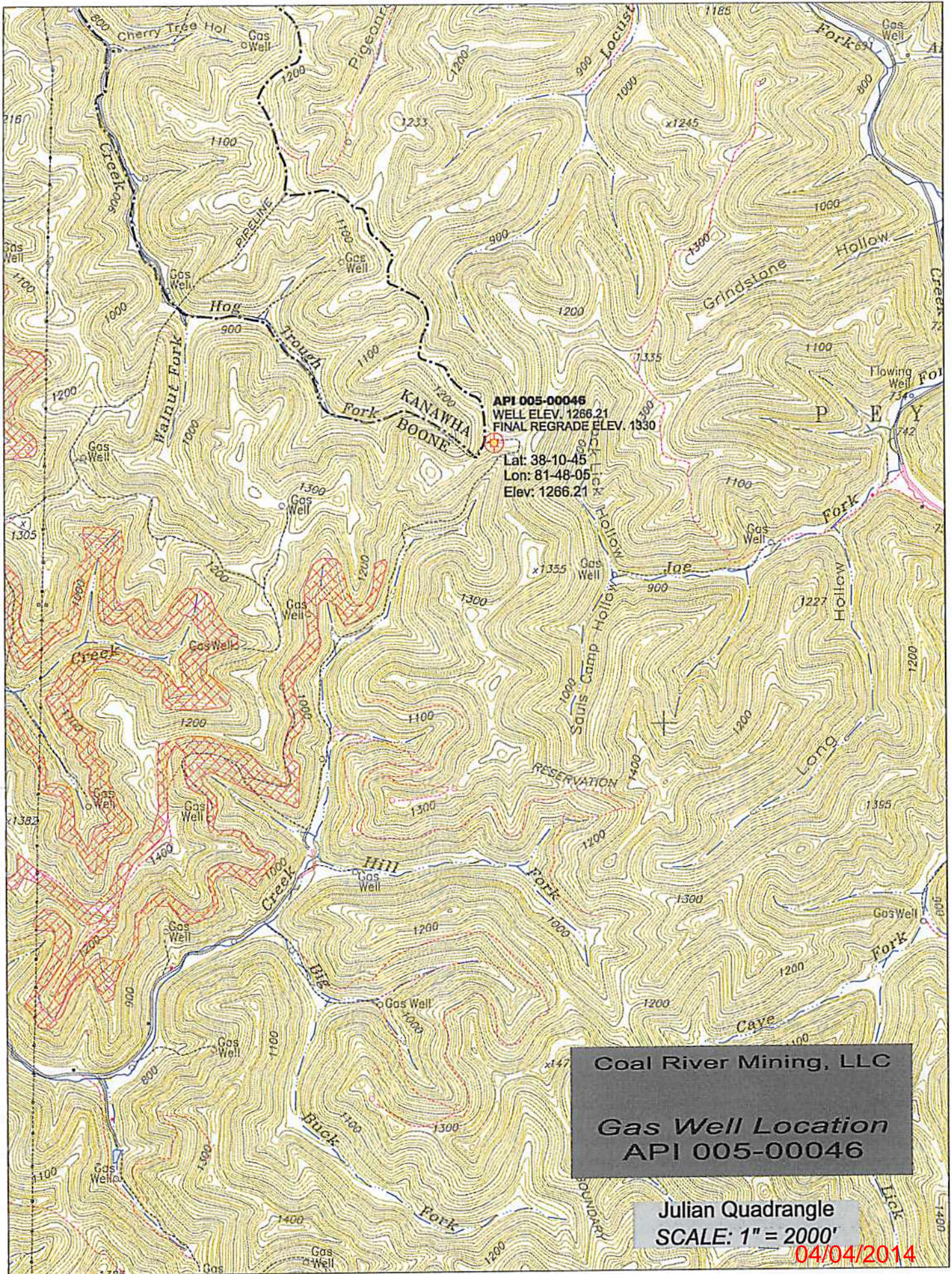
Plan Approved by:

Comments: Well location will be on surface mine S-5008-12 (WVDEP), AND FINAL Reclamation will be/follow APPROVED SURFACE MINING FINAL Reclamation specifications.

Title: WVDEP Insep. Oil # 488 Date: 3/19/17

Field Reviewed? Yes No

500046P



API 005-00046
WELL ELEV. 1266.21
FINAL REGRADE ELEV. 1330
Lat: 38-10-45
Lon: 81-48-05
Elev. 1266.21

Coal River Mining, LLC
Gas Well Location
API 005-00046

Julian Quadrangle
SCALE: 1" = 2000'

04/04/2014



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

API: 47-005-00046 WELL NO.: 6

FARM NAME: Pickens & Guthrie

RESPONSIBLE PARTY NAME: Coal River Energy, LLC

COUNTY: Boone DISTRICT: Peytona

QUADRANGLE: Julian 7.5

SURFACE OWNER: Robin Land Company

ROYALTY OWNER: Appalachian Power Company

UTM GPS NORTHING: 4225977.3

UTM GPS EASTING: 429871.3 GPS ELEVATION: 1265 feet

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

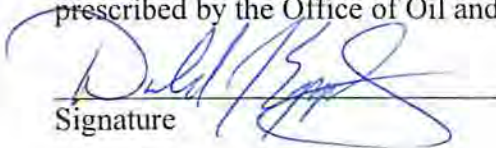
Real-Time Differential

Mapping Grade GPS : Post Processed Differential

Real-Time Differential

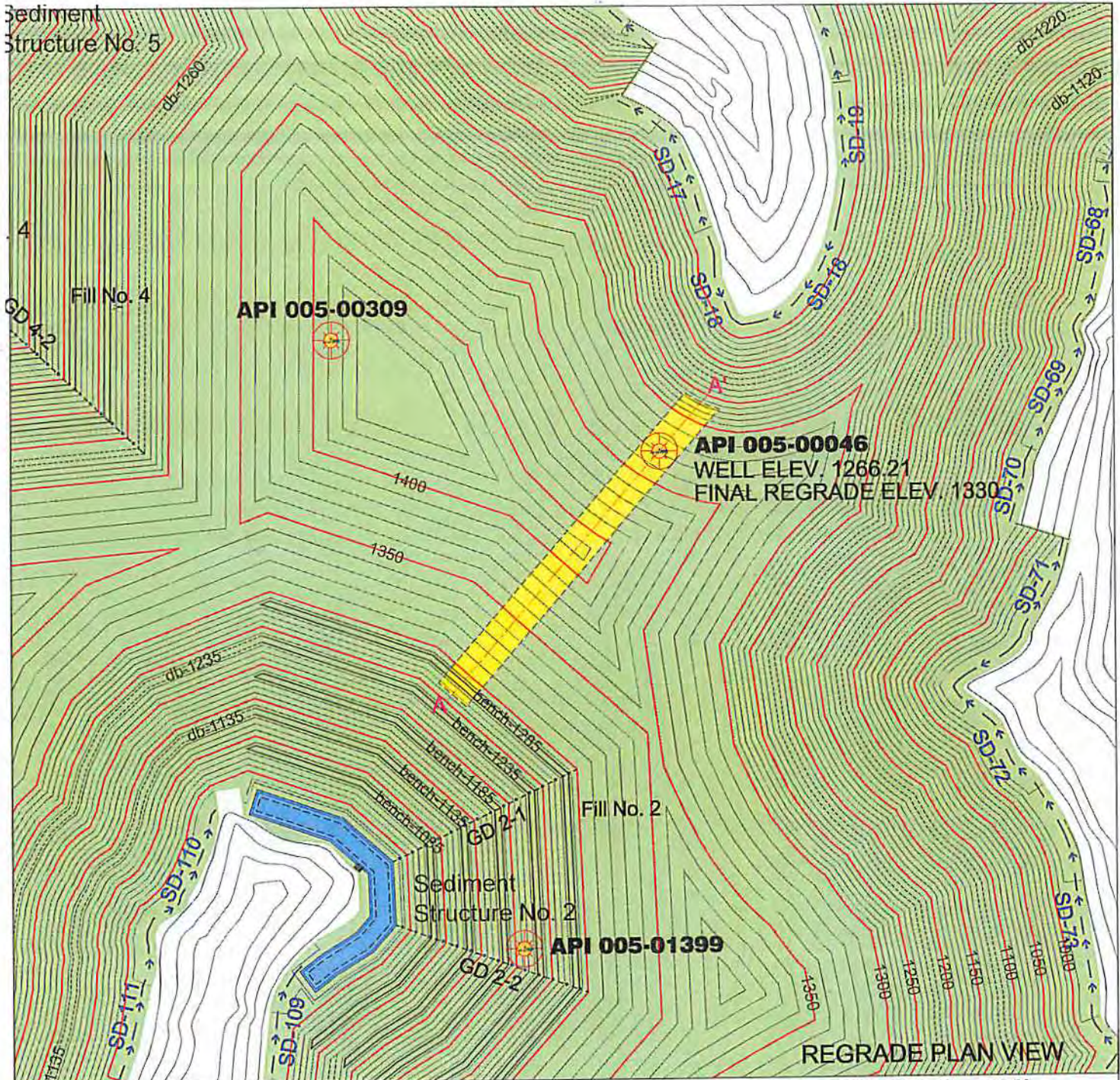
4. **Letter size copy of the topography map showing the well location.**

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.

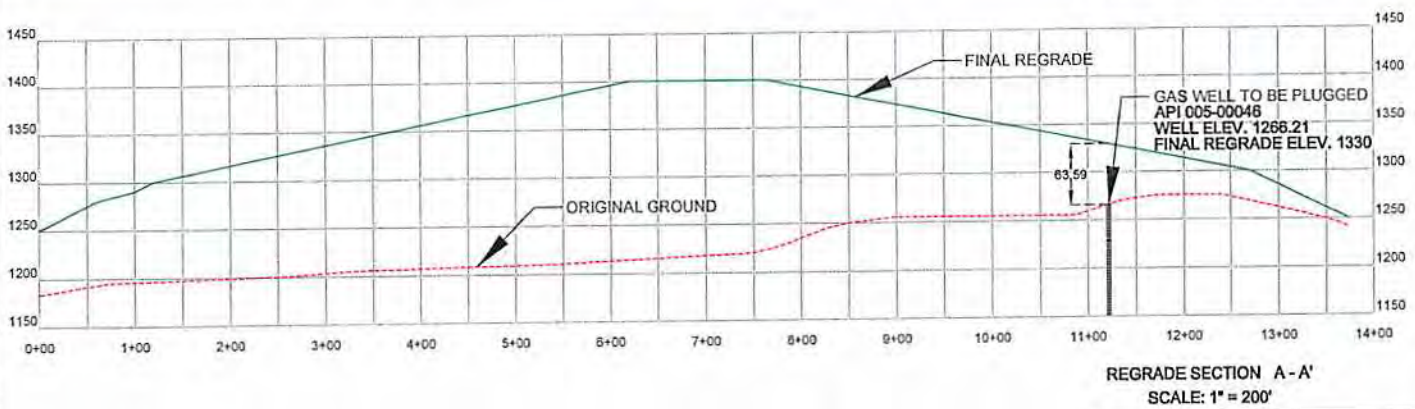

Signature

Designated Agent
Title

03/20/2014
Date



SCALE: 1" = 500'



B00-0046

SAYRE OIL AND GAS CO.

PICKENS AND GUTHRIE

WELL NO. 6

NOTICE OF PROPOSED LOCATION OF OIL AND GAS WELL
(REQUIRED BY SECTION 2, CHAPTER 20, ACTS 1929)
WEST VIRGINIA DEPARTMENT OF MINES
OIL AND GAS SECTION

To THE DEPARTMENT OF MINES,
Charleston, W. Va.

Hone

COAL OPERATOR

Sayre Oil & Gas Company,

NAME OF WELL OPERATOR

ADDRESS

Union Bldg., Charleston, W. Va.

COMPLETE ADDRESS

Pickens & Guthrie

COAL OPERATOR

September 17, 1929

PROPOSED LOCATION

Tornado, West Virginia, and
Huntington, West Virginia

ADDRESS

Fayette District

Boone County

COAL OPERATOR

Well No. Six (6)

ADDRESS

Pickens & Guthrie Farm

GENTLEMEN:

The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas, having fee title thereto, (or as the case may be) under grant or lease dated

April 12, 1924, made by Roman Pickens & L. V. Guthrie, to

J. S. Inkin, et als. and recorded on the

of Boone County, in the office of the County Clerk for said County in

Book 2, page 345

The enclosed plat was prepared by a competent engineer and shows the proposed location of a well to be drilled for oil and gas by the undersigned well operator on the farm and in the Magisterial District and County above named, determined by survey and courses and distances from two permanent points, or land marks.

The undersigned well operator is informed and believes there are no coal operators operating beds of coal beneath said farm or tract of land on which said well is located, or within 500 feet of the boundaries of the same, who have mapped their workings and filed their maps as required by law, excepting the coal operators (if any) above named as addressees.

The above named coal operators (if any) are notified that any objections they may desire to make to such proposed location, or which they are required to make by Section 3 of said Act, if the drilling of a well at said proposed location will cause a dangerous condition in or about their respective coal mines, must be received by, or filed with the Department of Mines within ten days from the receipt of a copy of this notice and accompanying plat by said Department. Said coal operators are further notified that forms for use in filing such objections will be furnished to them by the Department of Mines promptly on request and that all such objections must set forth as definitely as is reasonably possible the ground or grounds on which such objections are based and indicate the direction and distance the proposed location should be moved to overcome same.

(The next paragraph is to be completed only in Department's copy.)

Copies of this notice and the enclosed plat were mailed by registered mail, return receipt demanded to the above named coal operators at their above shown respective address day before, or on the same day with the mailing, or delivery of this copy to the Department of Mines at Charleston, West Virginia.

Very truly yours,

SAYRE OIL & GAS COMPANY

WELL OPERATOR

Union Building

STREET

Charleston

CITY OR TOWN

West Virginia

STATE

Address of Well Operator

SEP 17 1929

WEST VIRGINIA

Section 3. If no such objections be filed, or be found by the department of mines, within said period of ten days from the receipt of said notice and plat by the department of mines, to said proposed location, the department shall forthwith issue to the well operator a drilling permit reciting the filing of such plat that no objections have been made by the coal operators to the location, or found thereby by the department, and that the same is approved and the well operator authorized to proceed to drill at said location.

04/04/2014

WEST VIRGINIA DEPARTMENT OF MINES

OIL & GAS SECTION

PRELIMINARY DATA SHEET NO. 1

File No. _____

Well No. 6

Same Oil & Gas Company, of Charleston, West Virginia,

on the Pickens & Guthrie Farm

containing 1689 acres. Location See Map

Scott District; in B Boone County, West Va.

The surface of the above tract is owned in fee by Pickens Estate of Fornada, West Virginia and L.V. Guthrie of Huntington, West Virginia address, and the mineral rights are owned by _____ of _____

The oil and gas privileges are held under lease by the above named company, and this well is drilled under permit No. _____ issued by the West Virginia Department of Mines, Oil and Gas Section, September 27 1929.

Elevation of surface at top of well, Spirit 1263 Barometric.

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

201 10" foot. size. Wood conductor.

490 foot 8 1/2" size, csg. _____ feet, sized csg.

1806 feet 6-5/8" size, csg. _____ feet, sized csg.

500 feet 5 3/16" size, csg. _____ feet, sized csg.

No. _____ packer of _____ size, set at _____

_____ packer of _____ size, set at _____

_____ in casing perforated at _____ feet to _____ feet.

_____ in casing perforated at _____ feet to _____ feet.

Coal was encountered at 80 feet; thickness 48" inches, and at

250 feet; thickness 60 inches; and at 290 feet; thickness

48 inches.

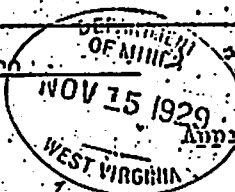
Liners were used as follows: (Give details) _____

300' 5-3/16 Liner 1997 to 2447' No Tubing or Packers

All casing left in the well.

November 15, 1929

Date _____



Approved _____ Owner.

By _____ (Title)

COMPLETION DATA SHEET NO. 2

Box 46

FORMATION RECORD

NAME	COLOR	CHARACTER	OIL, GAS OR WATER	TOP	BOTTOM	THICKNESS	TOTAL DEPTH	RE-MARKS
Clay				0'	7'	7'	7'	
Slate				7	20	13	20	
Sand				20	35	15	35	
Slate				35	80	45	80	
Coal				80	84	4	84	
Sand				84	94	10	94	
Slate Shells				94	250	156	250	
Coal				250	255	5	255	
Slate				255	290	35	290	
Coal				290	294	4	294	
Slate Shells				294	475	181	475	
Lime				475	527	52	527	
Slate				527	815	288	815	
Sand				815	995	180	995	
Slate Shells				995	1055	60	1055	Water 1115'
Salt Sand				1055	1274	219	1274	
Slate Shells				1274	1390	116	1390	Water 1415'
2nd Salt Sand				1390	1630	240	1630	
Slate				1630	1635	5	1635	
Red Rock				1635	1643	8	1643	
Slate Shells				1643	1655	12	1655	
Red Rock				1655	1663	8	1663	Gas 1817' 2"
Slate Shells				1663	1752	89	1752	
Little Lime				1752	1780	28	1780	
Pencil Cave				1780	1785	5	1785	to 1924' 10"
Big Lime				1785	1984	199	1984	Gas 1919' 1/2"
Big-Injun Sand				1984	2025	41	2025	
Slate & Shells				2025	2165	60	2165	
Wier Shells				2165	2265	80	2265	
Slate Shells				2265	2398	133	2398	
Stray Shell				2398	2410	12	2410	show oil/ 2406'
Slate Shells				2410	2443	33	2443	
Coffee Shale				2443	2455	12	2455	
Boren Grit				2455	2468	13	2468	
Shell				2468	2497	29	2497	
							2497	

Well was ~~not~~ shot at 2455 feet; well was shot at feet.

1st Salt 2nd Salt
 Fresh water at 1115 feet; fresh water at 1415 feet.

Well was producing hole.

October 29, 1929 Approved Oil & Gas Company.
 Date Owner

NOTE: All bottom formations must be noted as indicated above and all key-rocks and oil and gas sands must be recorded under their proper geological names in the district as well as any local names for which strata that may be common to the district.

04/04/2014

1.0 API well number: (If not available, leave blank. 14 digits.)	47 005 46			
2.0 Type of determination being sought: (Use the codes found on the front of this form.)	108 Section of NGPA		Category Code	
3.0 Depth of the deepest completion location: (Only necessary if sections 103 or 107 in 2.0 above)	_____ feet			
4.0 Name, address and code number of applicant: (35 letters per line maximum. If code number not available, leave blank.)	Pond Fork Oil & Gas Co Name		015 206 Serial Code	
	P. O. Box 8006 Street			
	S. Charleston,	WV	25303	0 Zip Code
5.0 Location of this well: (Complete (a) or (b).)				
(a) For offshore wells (35 letters maximum for field name.)	Boons Field Name		WV State	
(b) For OCS wells:	Area Name		Block Number	
	Date of Lease: Mo. Day Yr.		OCS Lease Number	
(c) Name and identification number of this well: (35 letters and digits maximum.)	Pickens & Guthrie P & G #6			
(d) (If code 4 or 5 in 2.0 above, name of the reservoir: (35 letters maximum.)				
6.0 (a) Name and code number of the purchaser: (35 letters and digits maximum. If code number not available, leave blank.)	Columbia Gas Transmission Corp. Name		001 030 Buyer Code	
(b) Date of the contract:	3/12/1970 Mo. Day Yr.			
(c) Estimated annual production:	4400 MMcft.			
	BTU/cf	(a) Base Price (\$/MMBTU)	(b) Tax (.0863)	(c) All Other Prices (Indicate (+) or (-))
7.0 Contract price: (As of filing date. Complete to 3 decimal places.)		0.6585		0.6585
8.0 Maximum lawful rate: (As of filing date. Complete to 3 decimal places.)	1056	2.377	0.206	2.582
9.0 Person responsible for this application:	F. S. Workman President.			
Agency Use Only	Name			
Date Received by Juris. Agency	Signature			
MAR 1 1970	Feb. 26 1979			
Date Received by FERC	Date Application is Completed			
	(204) 768-0733 Phone Number			

001 26 1979

WELL OPERATOR: Ponca Fork Oil & Gas Co.

015206

WELL OPERABLE: Columbia Gas Trans. Corp.

004030

OTHER:

W. Va. Dep. of Mines, Oil & Gas Division
WELL DETERMINATION FILE NUMBER

790301-108005-0046

Use Above File Number on all Communications
Relating to Determination of this Well

Qualifies as Section 108, stipulated well.
Produced

CHECK EACH ITEM AS COMPLETE OR NOTE WHAT IS MISSING

ITEM NO.

- 1 FERC-171 Items not completed - Line No. _____
- 2 IT-1 - Great F.S. well
- 3 IT-2 - Well Permit
- 4 IT-6 - Well Plot
- 5 IT-35 - Well Record Drilling Production
- 6 IT-36 - Gas-Oil Tests Core Data Test Oil Pressure Rate _____
- 7 IT-38 - Annual Production = 21 MCF
- 8 IT-40 - 90 Day Production 90 (10-39) Days off line: _____
- 9 IT-48 - Application for Certification. Complete?
- 10 IT Form #51 - 52 - 53 - 54 - 55 - 56 - 57 - 58. Complete Signed
- 11 Other: Survey _____ Logs _____ Geological Charts _____ Structure Map _____
1:4000 Map _____ Well Fabrications _____ Gas Analyses _____
- (5) Date Expired: N/A Reopened _____
- (5) Production Dept: 1975-1984
- (5) Production Formation: Big Line
- (5) Final Open Flow: _____
Initial Production: N/A
- (5) Final Rock Pressure: _____
Shut-in Pressure: N/A
- (6) Other Gas Tests: _____
- (7) Avg. Daily Gas from Annual Production: $\frac{4498}{360} = 12.48 \text{ mcf}$
- (8) Avg. Daily Gas from 90-day code, w/1-120 Days: $\frac{1063}{90} = 11.81 \text{ mcf}$
- (3) Line Pressure: 407 (AVG) PSIG from Daily Report
- (5) Oil Production: 1125 from Completion Report 2398-2410'
- (7) Does lease inventory indicate enhanced recovery being done: NO
- Is well active? Notified?

Official well record with the department contains the submitted information NO
* Took 60 DAY PERM 10-39
Final Information: FORM Does computer program exist: _____

04/04/2014

SR MK

Date Feb 27 1979

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES, OIL AND GAS DIVISION

Operator's Well No. P.G. #16
API Well No. 47 State 005 County 46 Permit

WELL CLASSIFICATION FORM

STRIPPED GAS WELL
MCPA Section 100

DESIGNATED AGENT F. S. Workman
ADDRESS Box 8006
S. Charleston, WV 25303

WELL OPERATOR Pond Fork Oil & Gas Co.
ADDRESS Box 8006
S. Charleston, WV 25303
GAS PURCHASER Consolidated Gas Supply Corp.
ADDRESS 445 Main Street
Clarksburg, WV 26301

LOCATION: Elevation 1263
Watershed L. Coal River
Dist. Scott County Boone Quad Madison
Gas Purchase Contract No. 6307
Water Chart Code G04341
Date of Contract Nov 21, 1960

Provide a complete inventory of the lease and production equipment used for the well for the previous 24 months or, if less than 24 months, the period the well has been in production. Include a complete list of equipment or processes used in connection with recognized enhanced recovery techniques during completion of production. (Attach separate sheets, if necessary.)

Standard well-head equipment with necessary valves, fittings, 2" pipe runs and connections, and drip.

List all records reasonably available to you which contain information relevant to a determination of eligibility (including production records, LTO Tax Records and royalty payment records) and indicate the location of such records:

All records are available at: 5701 McCorkle Ave., S Charleston, W V

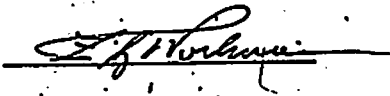
Describe the search made of any records listed above:

Office records were abstracted; search and duplication of Dept. of Mines files was made where available.

Are you aware of any other information which would tend to be inconsistent with the information specified above? Yes No If yes, indicate the type and source of the information.

AFFIDAVIT

I, F S Workman, having been first sworn according to law, state that I have caused to be made a diligent search of those records hereinbefore indicated in the manner herein described, that the information contained in this document is true and accurate and that on the basis of the records and examinations hereinbefore described, and to the best of my information, knowledge and belief, the well for which this certification is sought qualifies as a stripper well.



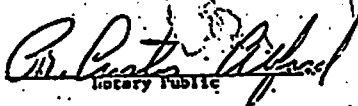
STATE OF WEST VIRGINIA,

COUNTY OF Kanawha to wit,

I, R Curtis Alford, a Notary Public in and for the state and county aforesaid, do certify that F S Workman, whose name is signed to the writing above, bearing date the 27 day of Feb., 1979, has acknowledged the same before me, in my county aforesaid.

Given under my hand and official seal this 27 day of Feb, 1979.

My term of office expires on the 21 day of March, 1988.



[NOTARIAL SEAL]

DEPARTMENT - MINES
DIVISION - OIL AND GAS

GAS VOLUMES IN MFC @ 14.73
OIL IN BARRELS @ 50 DEGREES
OPERATOR - POND FORK OIL & GAS CO.

CURRENT DATE - 12/19/78
REPORT DATE - 12/19/78
12-01-78 to 12-08-78

AP# 47005NA FARM - PICKENS SCOTTHIE COUNTY BOONE AVO. FLOW PRESSURE 422 SHUT-IN PRESSURE 442 TOTALS
OAS MFC 493 509 379 365 125 0 0 0 200 161 410 401 GAS 3013
OIL BBL J- F- M- A- N- J- J- A- S- O- N- O- OIL 0
DAYS ONLINE 30 30 30 30 30 30 30 30 30 30 30 30