



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 17, 2014

WELL WORK PLUGGING PERMIT

Plugging

This permit, API Well Number: 47-501001, issued to EQT PRODUCTION COMPANY, 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.

A blue ink signature of James Martin, Chief, is written over the text of his name and title.

James Martin
Chief

Operator's Well No: 460301 (FEDERAL COAL 10879)

Farm Name: FEDERAL COAL

API Well Number: 47-501001

Permit Type: Plugging

Date Issued: 07/17/2014

Promoting a healthy environment.

07/18/2014

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

Date: April 11, 2014
Operator's Well
Well No. 460301 Federal Coal 10879
API Well No.: 47 005 - 01001

*OK 17289
100*

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

APPLICATION FOR A PERMIT TO PLUG AND ABANDON

4) Well Type: Oil Gas Liquid Injection Waste Disposal:
If Gas, Production Or Underground storage Deep Shallow

5) Elevation: 1441 Watershed: Hazy Creek
Location: Crook County: Boone Quadrangle: Williams Mountain
District: _____

6) Well Operator EQT Production Company
120 Professional Place
Address: Bridgeport, WV 26330

7) Designated Agent: Rex C. Ray
Address: 120 Professional Place
Bridgeport, WV 26330

8) Oil & Gas Ross Eller
Name: 121 Brierhill Dr
Address: Beckley, WV 25801

9) Plugging Contractor:
Name: HydroCarbon Well Service
Address: PO BOX 995
Buckhannon, WV 26201

10) Work Order: The work order for the manner of plugging this well is as follows:
See Attachment for details and procedures.

OK [Signature]

OFFICE USE ONLY

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

Work order approved by inspector _____ Date _____

501001f

PLUGGING PROGNOSIS

Federal Coal Co. # 10879 (460301)

Boone County, W.V.
District: Crook
API # 47-005-01001

BY: Craig Duckworth
DATE: 2/17/14 updated 7/10/14

RECEIVED
Office of Oil and Gas

JUL 10 2014

WV Department of
Environmental Protection

CURRENT STATUS:

11" @ 342' (cem. w/31 sks)
8 1/4" @ 1956' (cem. w/35 sks)
4 1/2" @ 3187' (cem. w/185sks)
Elevation @ 1423'

TD 3195'

Fresh Water @ 610'
Gas Shows @ 2875' – 3095'(Weir), 2735'(Big Lime)
Oil Shows @ None Reported
Salt Sand top @ 1390'
Coal @ 45'-48', 195'-198', 239' – 240', 290' – 293', 540' – 542', 605' – 610'
Stimulation @ None Reported

1. Notify inspector, **Ross Eller, 304-932-6844**, 24 hrs. Prior to commencing operations.
2. TIH w/ tubing to 3180'; Set 545' C1A Cement Plug @ 3180' to 2635' (**Gas Show @ 3095' – 2875 Weir & 2735' Big Lime**).
3. TOOH w/ tubing @ 2635', Gel Hole @ 2635' to 2100'.
4. TOOH w/ tubing, Free Point 4.5" csg, cut 4.5" csg @ Free Point, TOOH w/4.5" csg.
5. TIH w/ tubing to 2100'; Set 200' C1A Cement Plug @ 2100' to 1900' (**4 1/2" csg cut**).
6. Set a 100' C1A Cement Plug 50' In/Out of cut. Perf all Salt Sand top, FW, Gas, Oil and Coal shows below the 4.5" cut. Do not omit any plugs shown below.
7. TIH w/ tubing @ 1900', Gel Hole @ 1900' to 1800'.
8. TOOH w/tubing. Attempt to pull 8 1/4" csg. If unable to pull free point and cut 8 1/4" at free point
9. TOOH w/tbg @ 1800'; Set 100' C1A Cement Plug @ 1800' to 1700' (**8 1/4" csg cut**)
10. Set a 100' C1A Cement Plug 50' In/Out of cut. Perf all Salt Sand top, FW, Gas, Oil and Coal shows below the 8 1/4" cut. Do not omit any plugs shown below
11. TIH w/ tubing @ 1700', Gel Hole @ 1700' to 1390'
12. TOOH w/ tubing @ 1390'; Set 100' C1A Cement Plug @ 1390' to 1290' (**Salt Sand @ 1390'**).
13. TOOH w/ tubing @ 1290', Gel Hole @ 1290' to 660'.
14. TOOH w/ tubing @ 660'; Set 100' C1A cement plug @ 660' to 560' (**Fresh Water @ 610'**)
15. TOOH w/ tubing @ 560'; Gel Hole @ 560' to 392'.
16. TOOH w/ tubing . Attempt to free point 11" and cut @ free point
17. Set a 100' C1A Cement Plug 50' In/Out of cut. Perf all Salt Sand top, FW, Gas, Oil and Coal shows below the 11" cut. Do not omit any plugs shown below
18. TIH w/ tubing @ 392'; Set 392' C1A cement plug @ 392' to 0'. (**11" csg @ 342 & 11" cut, Coal @ 293' - 290', 240' - 239', 198' - 195' 48' - 45'**)
19. Top off as needed
20. Set monument to WV DEP specs
21. Reclaim Location to WV DEP Specifications.

07/18/2014

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Spudder
Cable Tools
Storage

Well No. FEYTONA
BOO-1001-REV. 460301

WELL RECORD

Oil or Gas Well Gas
(KIND)

Company Consolidated Gas Supply Corporation
Address Clarksburg, W. Va.
Federal Coal Company Acres 18,338
Hole No. 10879 Hole #2 Elev. 1123'
County Crook County Boone
Date started 8-8-67
Date completed 9-9-67
Type of well Not shot From To
Flow 100 lbs Water in
Show in Big Lines & Weir
25

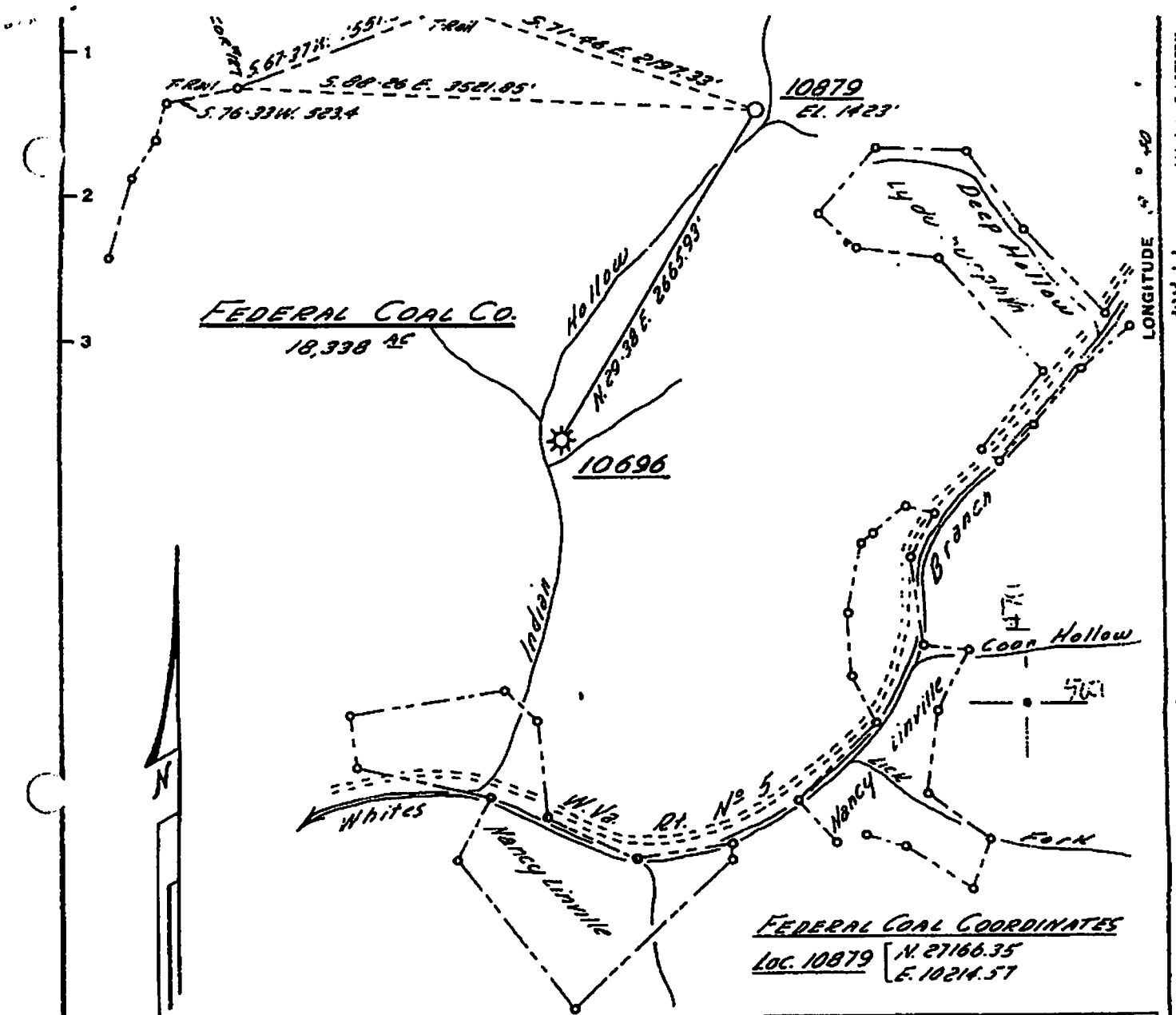
WELL ACIDIZED (DETAILS) 11-6-67 w/3000 Gal.
WELL FRACTURED (DETAILS) Weir - 44,000# Sand, 100 gal. mud acid
665 bbl fluid 2,000 H.H.P.
RESULT AFTER TREATMENT (Initial open flow or bbls) 440 M
LOCK PRESSURE AFTER TREATMENT 185# 1 1/2 days HOURS
Fresh Water See log Feet Salt Water Feet
Producing Sand Weir & Big Lines Depth See log

Casing and Tubing	Used in Drilling	Left in Well	Packer
Size			Kind of Packer
16			
13			
11" XWBK	342	342	Size of
8 1/4	1956	1956	Depth set
6 1/4			
5 3/16			
4 1/4	3187	3187	
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

Attach copy of cementing record. 11" w/31 bags 8" w/35 bags
CASING CEMENTED SIZE No. Ft. Date
Amount of cement used (bags) 42" with 185 bags
Name of Service Co. Well Service Inc. - Halliburton
COAL WAS ENCOUNTERED AT FEET INCHES
 FEET INCHES FEET INCHES
 FEET INCHES FEET INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Sand & Shale			0	45			
Coal			45	48			
Sand & Shale			48	195			
Coal			195	198			
Sand & Shale			198	239			
Coal			239	240			
Sand & shale			240	290			
Coal			290	293			
Sand & Shale			293	510			
Coal			510	542			
Sand & Shale			542	605			
Coal			605	610	Water		
Sand & Shale			610	1900	Water		
Lime			1900	1910			
Sand & Shale			1910	2155			
Marion Sand			2155	2315	Water		
Sand & Shale			2315	2480			
BITUMINEOUS			2480	2835	Gas		
SH			2835	2875			
WEIR			2875	3095	Gas		
Slate & Shells			3095	3203			
TOTAL DEPTH				3195'			

610
1390'
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Office of Oil and Gas
Big Lines Section
APR 21 2014
Environmental Protection
07/18/2014
Consolidated Gas Supply Corporation



Minimum Error of Closure $1''$ in $200'$
 Source of Elevation U.S.C.F.G.S. B.M. #K 186 STD. DISC IN
 BRIDGE WALL IN MOUTH OF INDIAN HOLLOW.
 "I, the undersigned, hereby certify that this map is correct to the best of my knowl-
 edge and belief and shows all the information required by paragraph 6 of the rules
 and regulations of the oil and gas section of the mining laws of West Virginia."

New Location.....
 Drill Deeper.....
 Abandonment.....

MAP SHEET 162W 5-99W-62 F.B. 1417 P. 12-14

Company	CONSOL. GAS SUPPLY CORP.	
Address	CLARKSBURG, W. VA.	
Farm	FEDERAL COAL COMPANY	
Tract	Acres 18,338	Lease No. 46408
Well (Farm) No.	Serial No. 10879	
Elevation (Spirit Level)	1423'	
Quadrangle	PEYTONA S.W.	
County	BOONE	District CROOK

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES, OIL AND GAS
 OIL AND GAS DIVISION
 CHARLESTON
 APR 11 2014
WELL LOCATION MAP
 FILE NO. *Boo-1001*
 Department of Environmental Protection
 + Denotes location of well on United States
 Topographic Maps scale 1 to 62 500 latitude

07/18/2014

501001P

WW-4-A
Revised 6/07

1) Date: April 11, 2014
2) Operator's Well Number
460301 Federal Coal 10879
3) API Well No.: 47 005 - 01001
State County Permit

STATE OF WEST VIRGINIA - BUREAU OF ENVIRONMENT
DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL & GAS
NOTICE AND APPLICATION TO PLUG AND ABANDON WELL

4) Surface Owner(s) to be served:
(a) Name Federal Coal Co Inc
Address 601 Sixth Ave
Suite 200
St Albans WV 25177
(b) Name _____
Address _____
(c) Name _____
Address _____
6) Inspector Ross Eller
Address 121 Brierhill Dr
Beckley, WV 25801
Telephone 304.932.6844

5) (a) Coal Operator:
Name None
Address _____
(b) Coal Owner(s) with Declaration
Name Federal Coal Co Inc
601 Sixth Ave
Address Suite 200
St Albans WV 25177
Name _____
Address _____
(c) Coal Lessee with Declaration
Name Pine Ridge Coal Company LLC
Address 500 Lee St E
Suite 202
Charleston, WV 25301

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 Division 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:
By: _____
Title: _____
Address: _____
Telephone: _____
Subscribed and sworn before me this _____ day of _____, 2014
My Commission Expires: _____



OFFICIAL SEAL
STATE OF WEST VIRGINIA
NOTARY PUBLIC
Pamela Sykes
EQT Production
PO Box 280
Bridgeport, WV 26330
My Commission Expires Aug. 24, 2022

EQT Production Company
Victoria J. Roark
Permitting Supervisor
PO Box 280
Bridgeport, WV 26330
(304) 848-0076

Notary Public

The Office of Oil & Gas processes your personal information, such as name, address and phone number, as 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.

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Office of Oil and Gas
WV Dept of Environmental Protection
2014
07/18/2014

501001P

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Restricted Delivery Fee (Endorsement Required)	
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Sent To
Federal Coal Co Inc
601 Sixth Ave
Suite 200
St Albans, WV 25177
460301 & 460131 Plugging

601 Sixth Ave
Suite 200
St Albans, WV 25177

PS Form 3800, August 2005

See Reverse for Instructions

- 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:
Federal Coal Co Inc
601 Sixth Ave
Suite 200
St Albans, WV 25177
460301 & 460131 Plugging

2. Article Number
(Transfer from service label)

7013 2630 0001 4239 3468

PS Form 3811, July 2013

Domestic Return Receipt

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X Agent
 Addressee

B. Received by (Printed Name) 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® Priority Mail Express™
 Registered Return Receipt for Merchandise
 Insured Mail Collect on Delivery

4. Restricted Delivery? (Extra Fee) Yes



C/O Vicki Roark
P.O. Box 280
Bridgeport, WV 26330

07/18/2014

501 001 P

neopost

04/10/2014

US POSTAGE

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\$08.03

ZIP 26330
041110228892



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7013 2630 0001 4239 3475

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Certified Fee		
Return Receipt Fee (Endorsement Required)		
Restricted Delivery Fee (Endorsement Required)		
Total Post	Pine Ridge Coal Company, LLC	
Sent To	500 Lee St. E.	
Street, Apt. 1 or PO Box #	Suite 202	
City, State, ZIP	Charleston, WV 25301	460301 & 460131 Plugging

Pine Ridge Coal Company, LLC
500 Lee St. E.
Suite 202
Charleston, WV 25301

PS Form 3800, August 2008 See Reverse for Instructions

EQT

C/O Vicki Renark
P.O. Box 280
Bridgeport, WV 26330

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:

Pine Ridge Coal Company, LLC
500 Lee St. E.
Suite 202
Charleston, WV 25301
460301 & 460131 Plugging

2. Article Number
(Transfer from service) **7013 2630 0001 4239 3475**

PS Form 3811, July 2013

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X Agent
 Addressee

B. Received by (Printed Name) 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® Priority Mail Express™
 Registered Return Receipt for Merchandise
 Insured Mail Collect on Delivery

4. Restricted Delivery? (Extra Fee) Yes

Domestic Return Receipt

07/18/2014

501001 P

EQT

C/O Vicki Roark
P.O. Box 280
Bridgeport, WV 26330

neopost[®]

04/10/2014

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\$02.24⁰

ZIP 26330
041L10228892

Ross Eller
121 Brierhill Dr
Beckley, WV 25801

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Department of Oil and Gas

07/18/2014

**STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL & GAS
CONSTRUCTION AND RECLAMATION PLAN AND SITE REGISTRATION APPLICATION FORM
GENERAL PERMIT FOR OIL AND GAS PIT WASTE DISCHARGE**

Operator Name: EQT PRODUCTION COMPANY OP ID: _____
Watershed: Hazy Creek Quadrangle: Williams Mountain
Elevation: 1441 County: Boone District: Crook

Description of anticipated Pit Waste: Formation Fluids

Do you anticipate using more than 5,000 bbls of water to complete the proposed well work? Yes___ No X
Will synthetic liner be used in the pit? Yes Is so, what ml.? 10 ml 20 ml.

Proposed Disposal Method for Treated Pit Wastes:

- Land Application
- Underground Injection - UIC Permit Number _____
- Reuse (at API Number) _____
- Offsite Disposal Permit #. _____
- Other: Explain _____

Drilling medium anticipated for this well? Air, freshwater, oil based, etc. _____
If oil based, what type? Synthetic, petroleum, etc. _____

Additives to be used? _____

Will closed loop system be used? _____

Drill Cuttings disposal method? Leave in pit, landfill, remove offsite, etc. _____
If left in pit and plan to solidify what medium will be used? Cement, Lime, sawdust _____
Landfill or offsite name/permit number? _____

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 Division of Environmental Protection. I understand that the provisions of the permit are enforceable by law. Violations of any terms 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 *Victoria Roark*

Company Official (Typed or Printed) Victoria Roark

Company Official Title Permitting Supervisor-WV

Subscribed and sworn before me this 9 day of April, 2014

Pamela Sykes Notary Public
My Commission Expires 8-24-22

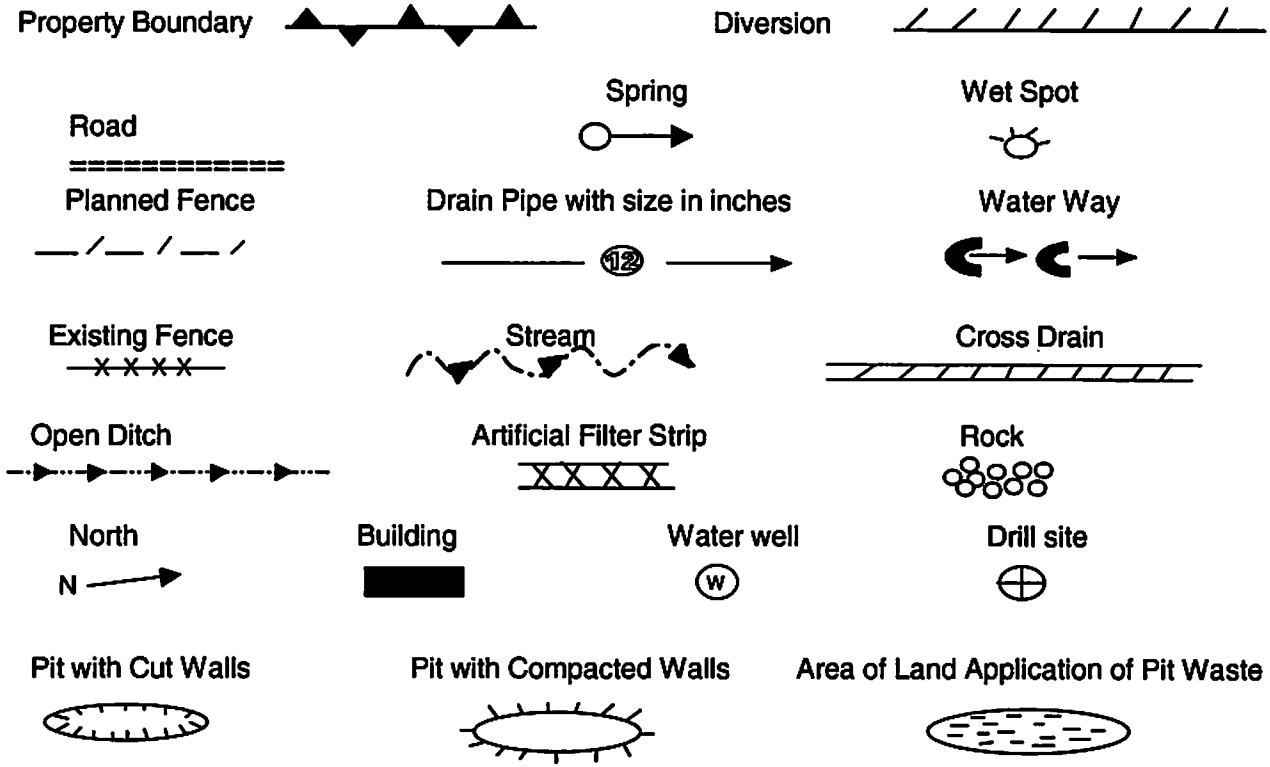
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Office of Oil & Gas
APR 10 2014

OFFICIAL SEAL
STATE OF WEST VIRGINIA
NOTARY PUBLIC
Pamela Sykes
EQT Production
PO Box 280
Martinsburg, WV 26330
My Commission Expires Aug. 24, 2022

07/18/2014

OPERATOR'S WELL NO.:
460301 Federal Coal 10879

LEGEND



Proposed Revegetation Treatment: Acres Disturbed: 1± Prevegetation pH 5.8

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 2 Tons/acre or hydroseed.

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.
Photocopies section of involved 7.5' topographic sheet.

Plan approved by: _____

Comments: _____

Title: _____ Date: _____

Field Reviewed? Yes No

501001P

Topo Quad: Williams Mountain 7.5'

Scale: 1" = 2000'

County: Boone

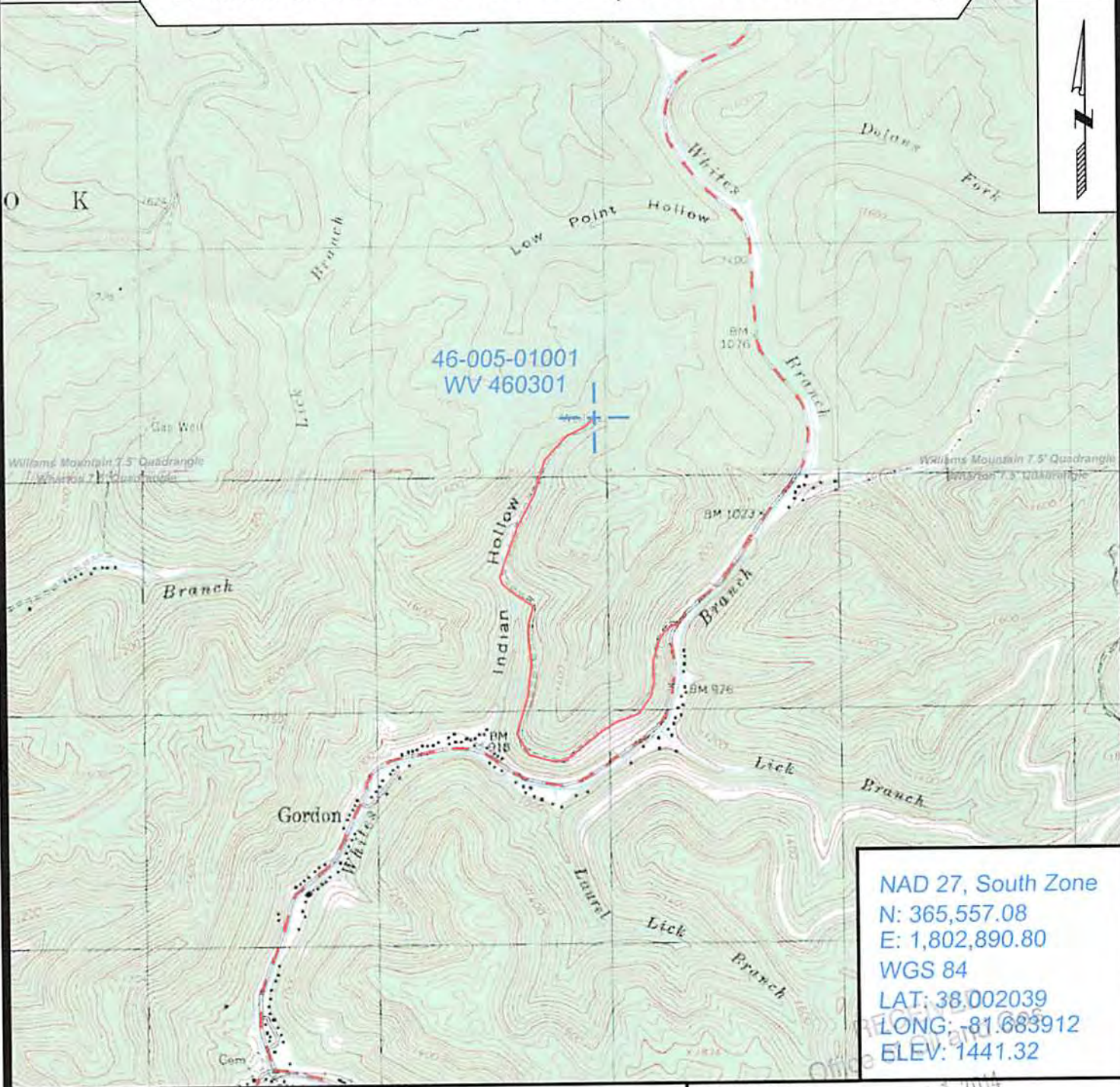
Date: April 2, 2014

District: Crook

Project No: 140-16-00-07

47-005-01001 WV 460301 (Federal Coal 10879)

Topo



NAD 27, South Zone
 N: 365,557.08
 E: 1,802,890.80
 WGS 84
 LAT: 38.002039
 LONG: -81.683912
 ELEV: 1441.32



SURVEYING AND MAPPING SERVICES PERFORMED BY:
ALLEGHENY SURVEYS, INC.
 1-800-482-8606
 P.O. BOX 438
 BIRCH RIVER, WV 26610
 PH: (304) 649-8606
 FAX: (304) 649-8608

PREPARED FOR:
EQT Production Company
 P.O. Box 280
 Bridgeport, WV 26330

APR 11 2014
 West Virginia Department of Environmental Protection

07/18/2014

WW-7
4-02-14



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

API: 47-005-01001 WELL NO.: WV 460301 (Federal Coal 10879)

FARM NAME: Federal Coal Company

RESPONSIBLE PARTY NAME: EQT Production Company

COUNTY: Boone DISTRICT: Crook 1

QUADRANGLE: Williams Mountain 7.5' 683

SURFACE OWNER: Federal Coal Company

ROYALTY OWNER: Federal Coal Company, et al.

UTM GPS NORTHING: 4206262

UTM GPS EASTING: 439956 GPS ELEVATION: 439 m (1441 ft)

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:

- Datum: NAD 1983, Zone: 17 North, Coordinate Units: meters, Altitude: height above mean sea level (MSL) – meters.
- Accuracy to Datum – 3.05 meters
- Data Collection Method:
Survey grade GPS ; Post Processed Differential
Real-Time Differential
Mapping Grade GPS ; Post Processed Differential
Real-Time Differential
- 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.

RECEIVED
Office of Oil and Gas

Steve O'Neil
Signature
4/7/14
Date

PS # 2180
Title

APR 11 2014

WV Department of
Environmental Protection



POTENTIAL WATER SAMPLE DATA SHEET

CLIENT: EQT PRODUCTION COMPANY
 LEASE NAME AND WELL No. Federal Coal 10879 - WV 460301 - API No. 47-005-01001

POTENTIAL SAMPLE LOCATIONS

There appears to be no known water samples within the required 1000' of the existing well WV 460301.

BIRCH RIVER OFFICE
 P.O. Box 438 • 237 Birch River Road
 Birch River, WV 26610
phone: 304-649-8606
fax: 304-649-8608

BRIDGEPORT OFFICE
 172 Thompson Drive
 Bridgeport, WV 26330
phone: 304-848-5035
fax: 304-848-5037

CALDWELL OFFICE
 212 Cumberland Street
 Caldwell, OH 43724
phone: 740-305-5007
fax: 740-305-5126

ALUM CREEK OFFICE
 P.O. Box 108 • 1413 Childress Road
 Alum Creek, WV 25003
phone: 304-756-2949
fax: 304-756-2948

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 Office of Oil and Gas

WV Department of Environmental Protection

501001P

Topo Quad: Williams Mountain 7.5'

Scale: 1" = 2000'

County: Boone

Date: April 2, 2014

District: Crook

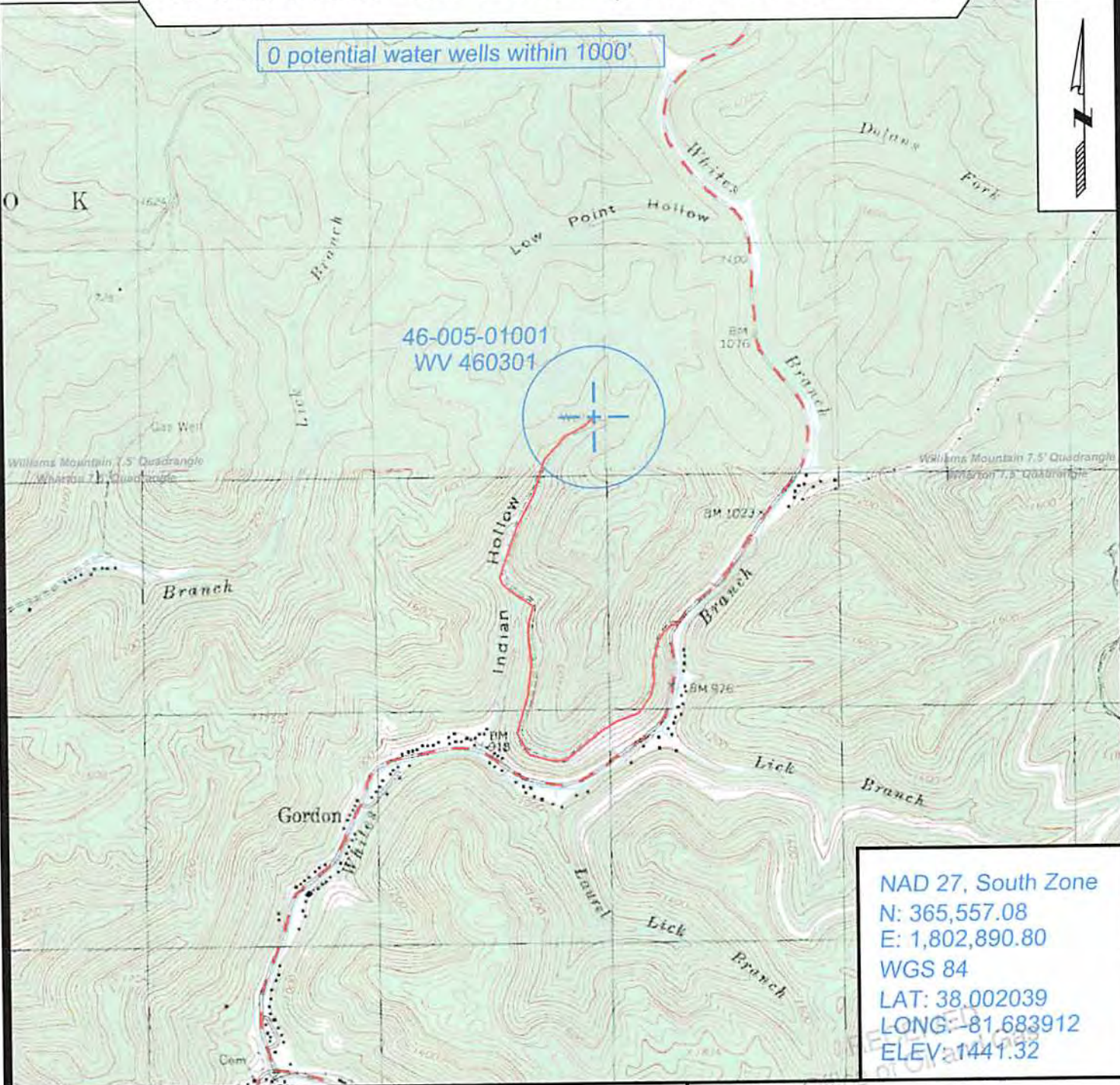
Project No: 140-16-00-07

Water

47-005-01001 WV 460301 (Federal Coal 10879)

0 potential water wells within 1000'

46-005-01001
WV 460301



NAD 27, South Zone
N: 365,557.08
E: 1,802,890.80
WGS 84
LAT: 38.002039
LONG: -81.683912
ELEV: 1441.32



SURVEYING AND MAPPING SERVICES PERFORMED BY:
ALLEGHENY SURVEYS, INC.
1-800-482-8606
P.O. BOX 438
BIRCH RIVER, WV 26610
PH: (304) 649-8606
FAX: (304) 649-8608

PREPARED FOR:
EQT Production Company
P.O. Box 280
Bridgeport, WV 26330
APR 11 2014
Environmental Protection

07/18/2014