



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

April 15, 2014

WELL WORK PLUGGING PERMIT

Plugging

This permit, API Well Number: 47-5901620, 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.

James Martin
Chief

Operator's Well No: 506664
Farm Name: ARK LAND COMPANY
API Well Number: 47-5901620
Permit Type: Plugging
Date Issued: 04/15/2014

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.

5901620P

Form WW-4 (B)
Permit Copy
(Rev 2/01)

Date: 3-26-14
Operator's Well
Well No. 506664 Island Creek Coal
API Well No.: 47 059 - 01620

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

APPLICATION FOR A PERMIT TO PLUG AND ABANDON

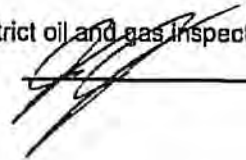
- 4) Well Type: Oil _____ Gas X Liquid Injection _____ Waste Disposal: _____
If Gas, Production _____ X _____ Or Underground storage _____ Deep _____ Shallow X
- 5) Elevation: 1492 Watershed: Bearwallow Branch of Rockhouse Fork
Location: Magnolia County: Mingo Quadrangle: Barnabus 7.5
District: _____
- 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 Jeremy James
Name: P.O. Box 147
Address: Ona, WV 25545
- 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.

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 4-3-14

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PLUGGING PROGNOSIS

ISLAND CREEK COAL 506664 (506664)

MINGO, COUNTY, W.V.
API # 47-059-01620

BY: DOUG FRY
DATE 12/16/16

CURRENT STATUS:

13 3/8" @ 92' (CEMENTED W/59 FT3)
9 5/8" @ 948' (CEMENTED W/417FT3)
7" @ 2732' (CEMENTED W/ 548FT3)
4 1/2" @ 5140' (CEMENTED W/ 372 FT3)
2 3/8" @ ?

FRESH WATER @ 85', 277'

COAL SHOWS @ 305'-311', 341'-350', 422'-426'

GAS SHOWS @ 4 1/2" PERFED @ 4580'- 4964' LOWER HURON SHALE, 3580'-4660'

UPPER HURON SHALE PERFS, 2804' - 2940' LIME PERFS, GAS SHOWS @ 3622' - 3809' BEREA GAS SHOW, 5017' JAVA GAS SHOW, 3000' - 3192' WEIR GAS SHOW, 2800' - 2900' BIG LIME GAS SHOW

OIL SHOWS @ NONE RECORDED

SALT SAND TOP @ NONE REPORTED ON RECORD

ELEVATION @ 1492'

STIMULATION; FRAC MULTIPLE ZONES

COMPLETE FROM HERE ON DOWN (NOT COMPLETE)

1. NOTIFY INSPECTOR, JEREMY JAMES @ 304 - 951-2596, 24 HRS PRIOR TO COMMENCING OPERATIONS.
2. TOOH W/ 2" TUBING @ ? IF PRESENT, TALLY TUBING ON THE WAY BACK IN HOLE
3. TIH W/ TUBING TO 4964'; SET 1564' CIA CEMENT PLUG @ 4964' TO 3400'; (UPPER AND LOWER HURON PERFS, BEREA GAS SHOW, JAVA GAS SHOW).
4. TOOH W/ TUBING, GEL HOLE @ 3400' TO 2940'.
5. TOOH W/ TUBING TO 2940'; SET 258' CIA CEMENT PLUG @ 2940' TO 2682' (BIG LIME PERFS, BIG LIME GAS SHOW, WEIR GAS SHOW, 7" CSG PI).
6. TOOH W/ TUBING, GEL HOLE @ 2682' TO 1492'.
7. TOOH W/ TUBING, FREE POINT 4.5" CSG, CUT 4.5" CSG, CUT @ FREE POINT, TOOH W/ 4 1/2" CSG.
8. SET 100' CIA CEMENT PLUG 50' IN/OUT OF CUT. PERF ALL 1ST SALT SAND TOPS, GAS, OIL, COAL, ELEVATION & FW SHOWS BELOW 4.5" CUT AND DO NOT OMIT ANY PLUGS SHOWN.

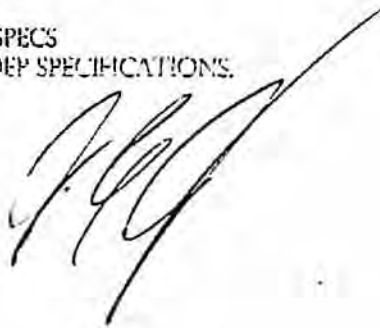
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9. TIEH W/ TUBING @ 1492', SET 100' CIA CEMENT PLUG @ 1492' TO 1392'.
ELEVATION PER RD
10. TOOLH W/ TUBING . GEL HOLE @ 1392' TO 1050'.
11. TOOLH W/ TUBING" @ 1050' ; SET 150' CIA CEMENT PLUG @ 1050' TO 900'. (9
5/8"CSG PT)
12. TOOLH W/ TUBING, GEL HOLE @ 900' TO 476'.
13. TOOLH W/ TUBING, FREE POINT 9 5/8" CSG, CUT 9 5/8" CSG, CUT @ FREE POINT,
TOOLH W/ 9 5/8"CSG.
14. SET 100' CIA CEMENT PLUG 50' IN/OUT OF CUT. PERF ALL 1ST SALT SAND TOPS ,GAS,
OIL ,COAL, ELEVATION & FW SHOWS BELOW 9 5/8" CUT AND DO NOT OMIT ANY
PLUGS SHOWN.
15. TIEH W/ TUBING @ 476' , SET 476' CIA CEMENT PLUG TO SURFACE(13" CSG
1ST; 3 COAL SHOWS, 2 FW SHOWS).
16. TOP OFF AS NEEDED
17. SET MONUMENT TO WV DEP SPECS
18. RECLAIM LOCATION TO WV DEP SPECIFICATIONS.



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5901620A

Island Creek coal 506664

WB-35

API # 47 - 859-01620

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

MP

Well Operator's Report of Well Work

Farm Name: Crown Construction Company Operator Well No.: 506664

LOCATION: Elevation: 1,992.00 Quadrangle: Barnabus
District: Lee County: Mingo

Latitude: 10000 Feet South of 37 Deg. 42 30
Longitude: 10350 Feet West of 82 Deg. 0 0

Company: Equitable Production Company
1710 Pennsylvania Avenue
Charleston, WV 25302

Agent: Stephen G. Perdue

Inspector: Gary Selten

Permit Issued: 8/18/2003
Well work commenced: 10/22/03
Well work completed: 10/24/03

Verbal Plugging Permission granted on: _____

Rotary Rig Cable Rig _____

Total Depth 5170 feet

Fresh water depths (ft) 85' & 277'

Salt water depths (ft) 1738'

Is coal being mined in area? _____

Coal Depths (ft): (See Attached)

Casing & Tubing Size	Used In Drilling	Left In Well	Cement Fill Up Cu. Ft.
13-3/8"	92'	52'	59 FB
9-5/8"	945'	949'	417 FB
7"	2732'	2732'	548 FB
4-1/2"	5140'	5140'	

53972 FB
Office of Oil and Gas
Division of Environmental Protection
JAN 05 2004
WV Department of Environmental Protection

OPEN FLOW DATA

Producing formation Lower Shale, Upper Shale/ Berea & Big Lime Pay Zone Depth (ft): _____ See Attach for details

Gas: Initial open flow 0 MCF/d Oil: Initial open flow _____ Bbl/d
Final open flow 528 MCF/d Final open flow: _____

Time of open flow between initial and final tests _____ Hours

Static rock pressure 45 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: _____

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: Equitable Production Company

By: *Paul A. King*
Date: 1/2/04

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Barnabus 6

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EQUITABLE PRODUCTION COMPANY
 WR-35 COMPLETION REPORT - Attachment
 Well Treatment Summary

Well: WV-506664 - Crown Construction Company

API# 17-059-01620

Date	11/21/03	11/22/03	11/22/03			
Type Frac Acid, N ₂ , Foam, Water	N ²	N ²	Acid / N ²			
Zone Treated	Lower Shale	Upper Shale/ Berea	Big Lime			
# Perfs	48	20	20			
From - To:	4580' - 4964'	3580' - 4480'	2804' - 2940'			
BD Pressure @ psi	1800	2370	2271			
ATP psi	2697	2808	2325			
Avg. Rate, H=B/M, S= SCFM	52397 S	55044 S	24 B			
Max. Treat Press psi	2768	3031	2664			
ISIP psi	1900	1770	1301			
Frac Gradient	.45	.51	.50			
10 min S-I Pressure	1675	1366	1152			
Material Volume						
Sand-sks	0	0	0			
Water-bbl	0	0	0			
SCF N ₂	609,733	609,732	185,365			
Acid-gal	600 gals 7.5%	672 gals 7.5%	2000 gals 15%			
NOTES:						

TOP	BOTTOM	FORMATION	REMARKS
TMD	6MD	COAL	305' - 311', 341' - 350' & 422' - 426'
2968	2956	BIG LIME:	
3046	2991	BIG INJUN:	GT @ 2750', 2820', 2913', 3005 & 3192' = NS
	3213	WEIR:	
3541	3576	SUNBURY:	GT @ 2900', 2900', 3000', 3192', 3622', 3809', 4116', 4614' & 5017' = odor
3576	3590	BEREA:	
4577	5053	LOWER HURON:	
4808	4670	LOWER HURON SILTSTONE:	
5053		JAVA:	
5170		ID:	

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 Environmental Protection

1) Date: 3-26-14
2) Operator's Well Number
506664 Island Creek Coal
3) API Well No.: 47 059 - 01620
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 Ark Land Company ✓
Address City Place One Suite 300
St Louis MO 63141

(b) Name _____
Address _____

(c) Name _____
Address _____

6) Inspector Jeremy James ✓
Address P.O. Box 147
Ona, WV 25545
Telephone 304.951.2596

5) (a) Coal Operator:
Name None
Address _____

(b) Coal Owner(s) with Declaration
Name Pocahontas Land Corp ✓
P.O. Box 1517
Address Bluefield, WV 24701

Name Ark Land Company ✓
Address City Place One Suite 300
St Louis MO 63141

(c) Coal Lessee with Declaration
Name Hampden Coal ✓
Address P.O. Box 1389
Gilbert, WV 25621

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.

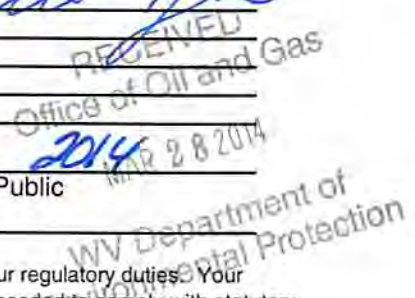
Take notice that under Chapter 22-6 of the West Virginia Code, the undersigned well operator proposes to file or has filed this Notice and Application and accompanying documents for a permit to plug and abandon a well with the Chief of the Office of Oil and Gas, West Virginia Division of Environmental 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: EQT Production Company
By: Victoria J. Roark ✓
Title: Permitting Supervisor
Address: PO Box 280
Bridgeport, WV 26330
Telephone: (304) 848-0076

Subscribed and sworn before me this 25 day of March, 2014
My Commission Expires: 8-24-22 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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EQT
C/O Vicki Roark
P.O. Box 280
Bridgeport, WV 26330

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Jeremy James
P.O. Box 147
Ona, WV 25545

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Pocahontas Land Corporation
P.O. Box 1517
Bluefield, WV 24701
656596 & 506664 plug



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7013 2630 0001 4239 3222

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P.O. Box 1517
Bluefield, WV 24701
656596 & 506664 plug

PS Form 3811, July 2013 See Reverse for Instructions

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

SENDER: COMPLETE THIS SECTION

1. Article Addressed to:
Pocahontas Land Corporation
P.O. Box 1517
Bluefield, WV 24701
656596 & 506664 plug

2. Article Number
(Transfer from service label)
7013 2630 0001 4239 3222

3. Service Type
 Certified Mail®
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4. Restricted Delivery? (Extra Fee)
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 Yes

5. Signature
 Agent
 Addressee

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

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

COMPLETE THIS SECTION ON DELIVERY

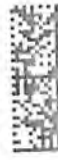
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Hampden Coal
P.O. Box 1389
Gilbert, WV 25621
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Restricted Delivery Fee (Endorsement Required)		
Total Post		

Sent To: **Hampden Coal**
P.O. Box 1389
Gilbert, WV 25621
656596 & 506664 plug

PS Form 3800, August 2006 See Reverse for Instructions

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7013 2630 0001 4239 3239
7013 2630 0001 4239 3239

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

SENDER: COMPLETE THIS SECTION

1. Article Addressed to:
Hampden Coal
P.O. Box 1389
Gilbert, WV 25621
 656596 & 506664 plug

2. Article Number
 7013 2630 0001 4239 3239
 (Transfer from service label)

3. Service Type
 Certified Mail™
 Registered
 Insured Mail
 Priority Mail Express™
 Return Receipt for Merchandise
 Collect on Delivery

4. Restricted Delivery? (Extra Fee)
 Yes
 No

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

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

A. Signature Agent Addressee

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PS Form 3811, July 2013 Domestic Return Receipt

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Ark Land Company
City Place One Suite 300
St. Louis, MO 63141
506664 plug

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Return Receipt Fee (Endorsement Required)		
Restricted Delivery Fee (Endorsement Required)		
Total P:		

Sent To: **Ark Land Company**
City Place One Suite 300
St. Louis, MO 63141
506664 plug

PS Form 3800, August 2006 See Reverse for Instructions



7013 2630 0001 4239 3246
7013 2630 0001 4239 3246

SENDER: COMPLETE THIS SECTION

1. Article Addressed to: **Ark Land Company**
City Place One Suite 300
St. Louis, MO 63141
506664 plug

2. Article Number (Transfer from service label): **7013 2630 0001 4239 3246**

3. Service Type
 Certified Mail
 Priority Mail Express
 Registered
 Return Receipt for Merchandise
 Insured Mail
 Collect on Delivery

4. Restricted Delivery? (Extra Fee)
 Yes
 No

COMPLETE THIS SECTION ON DELIVERY

A. Signature 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: _____

PS Form 3811, July 2013 Domestic Return Receipt

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

2) Operator's Well Number
506664 Island Creek Coal
3) API Well No.: 47 059 - 01620

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: Bearallow Branch of Rockhouse Fork Quadrangle: Barnabus 7.5
Elevation: 1492 County: Mingo District: Magnolia

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.? 30 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

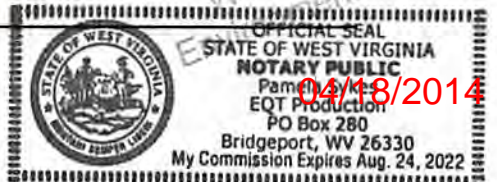
Company Official Title Permitting Supervisor-WV

Subscribed and sworn before me this 25 day of March, 2014

Paula... Notary Public

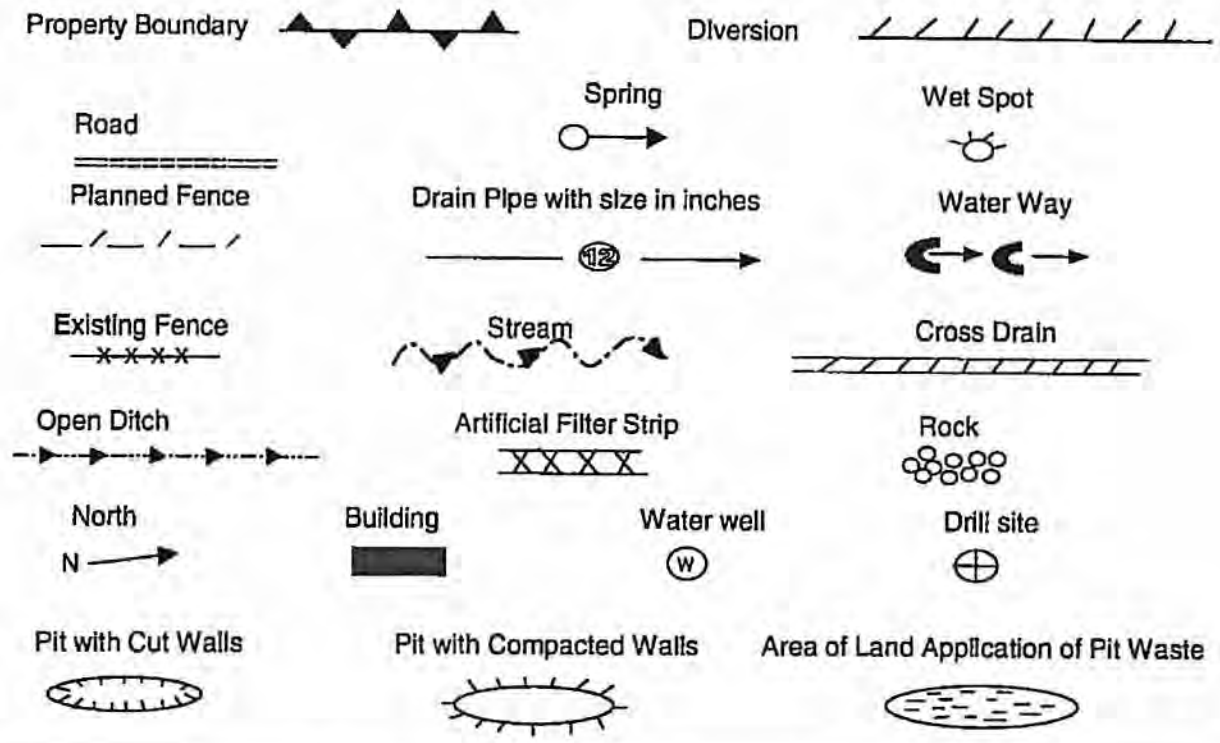
My Commission Expires 8-24-22

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WV Department of Environmental Protection



OPERATOR'S WELL NO.:
505664 Island Creek Coal

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: [Signature]

Comments: install sediment fence as needed along road/creek before moving in.

Title: inspector OOG Date: 4-7-14
 Field Reviewed? Yes No

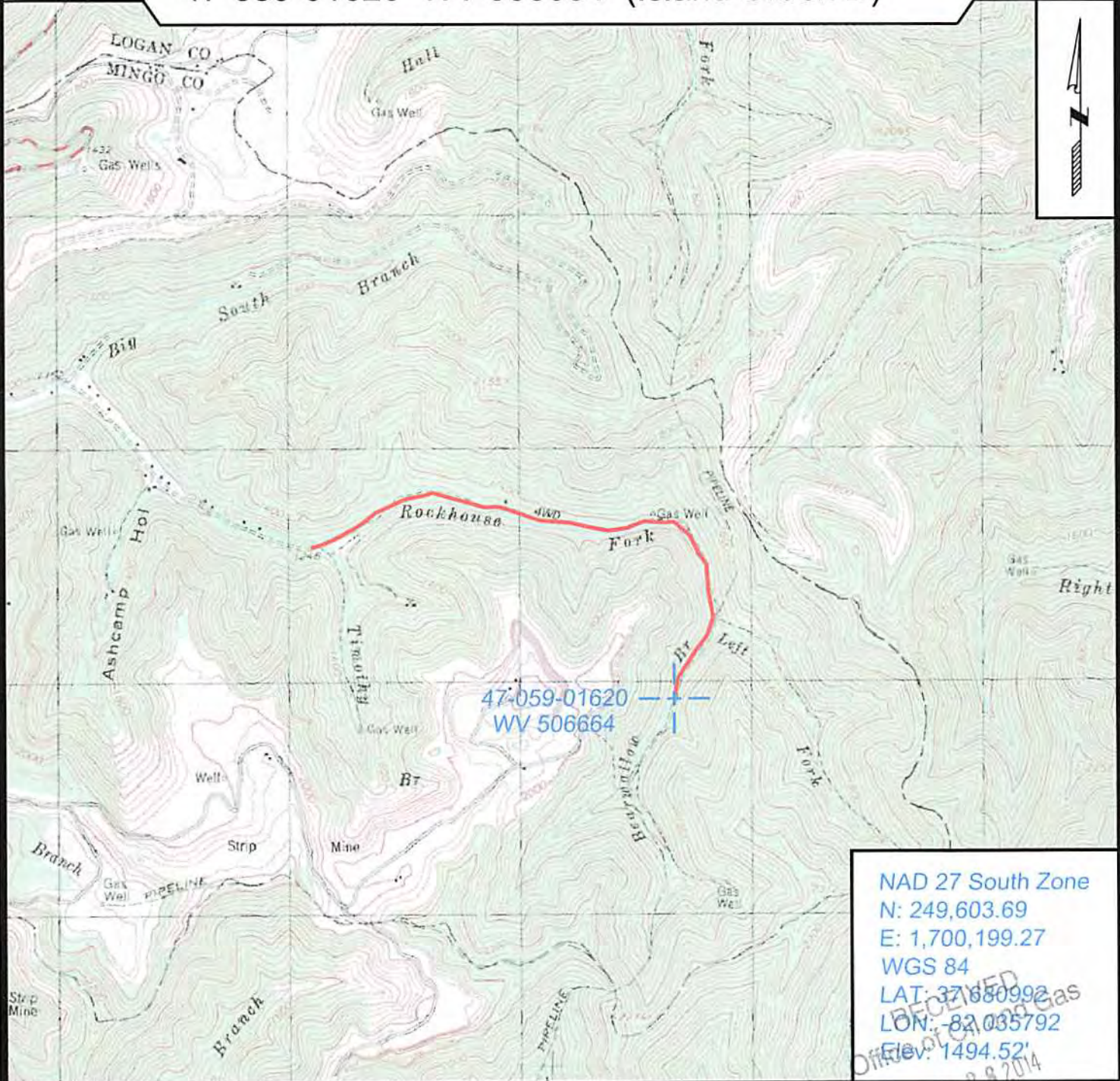
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 APR 7 2014
 WV Dept. of Environmental Protection
 04/18/2014

5901620 P

Topo Quad: Barnabus 7.5' Scale: 1" = 2000'
 County: Mingo Date: March 18, 2014
 District: Magnolia Project No: 24-47-00-08

47-059-01620 WV 506664 (Island Creek D)

Topo



NAD 27 South Zone
 N: 249,603.69
 E: 1,700,199.27
 WGS 84
 LAT: 37.680992
 LON: -82.035792
 Elev: 1494.52'

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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

04/18/2014

5901620P

WW-7
8-30-06



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

API: 47-059-01620 WELL NO.: WV 506664 (Island Creek D)

FARM NAME: Island Creek

RESPONSIBLE PARTY NAME: EQT Production Company

COUNTY: Mingo DISTRICT: Magnolia

QUADRANGLE: Barnabus 7.5'

SURFACE OWNER: ARK Land Company

ROYALTY OWNER: CNX Company, LLC

UTM GPS NORTHING: 4170926

UTM GPS EASTING: 408666 GPS ELEVATION: 457 m (1495 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:

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 X: Post Processed Differential X
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]
Signature
3/19/14
Date

PS # 2180
Title

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WV Department of
Environmental Protection
04/18/2014



POTENTIAL WATER SAMPLE DATA SHEET

CLIENT: EQT PRODUCTION COMPANY INC.

LEASE NAME AND WELL No. Island Creek D - WV 506664 - 47-059-01620

POTENTIAL SAMPLE LOCATIONS

There appears to be no known water samples within the required 1000' of the existing well WV 506664.

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 25008
phone: 304-756-2949
fax: 304-756-2948

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Environmental Protection

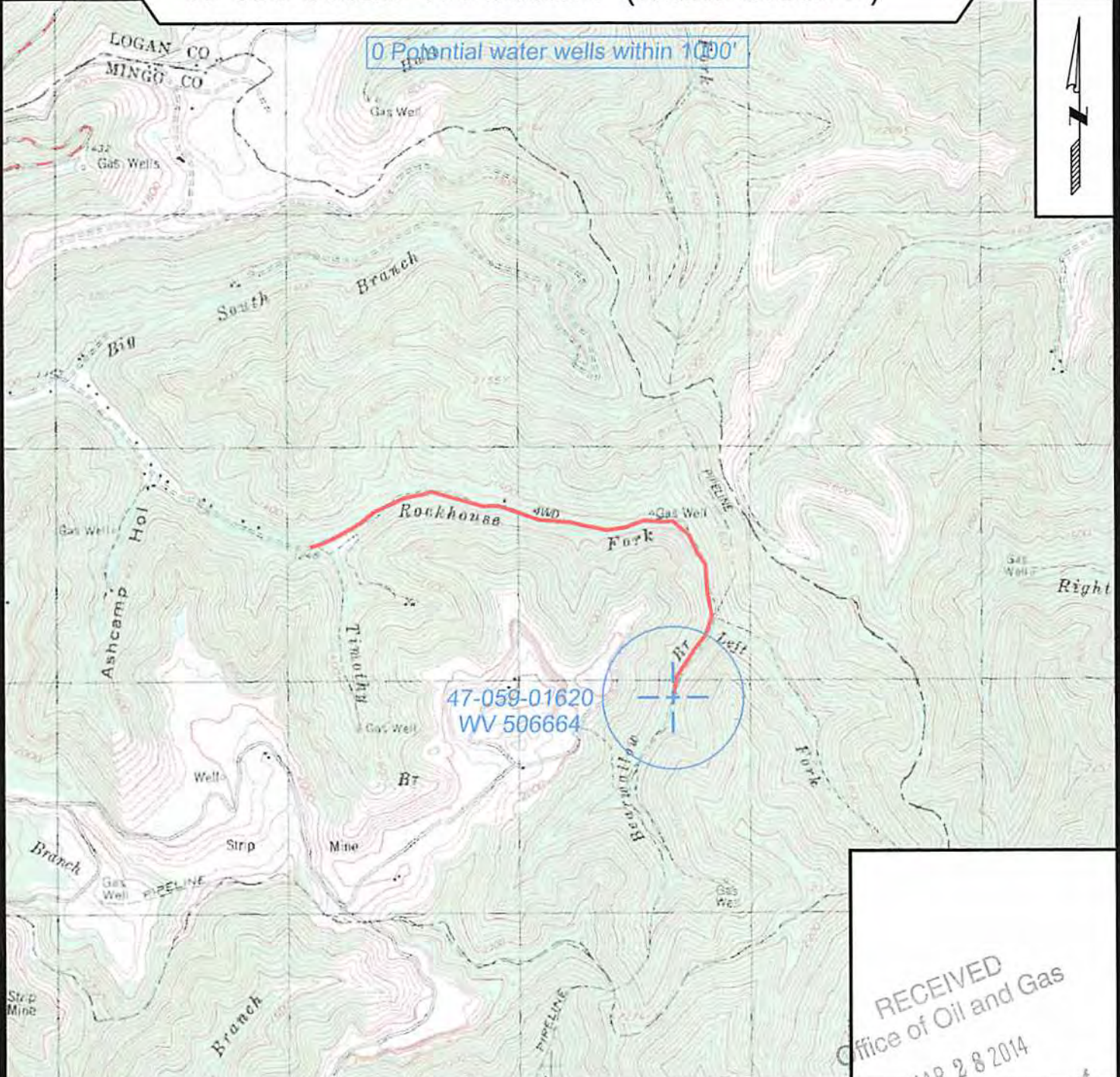
Topo Quad: Barnabus 7.5' Scale: 1" = 2000'

County: Mingo Date: March 18, 2014

District: Magnolia Project No: 24-47-00-08

Water

47-059-01620 WV 506664 (Island Creek D)



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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

04/18/2014