



west virginia department of environmental protection

Office of Oil and Gas
601 57th Street SE
Charleston, WV 25304
(304) 926-0450
(304) 926-0452 fax

Earl Ray Tomblin, Governor
Randy C. Huffman, Cabinet Secretary
www.dep.wv.gov

August 26, 2014

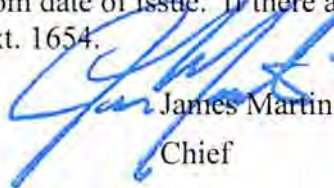
WELL WORK PLUGGING PERMIT

Plugging

This permit, API Well Number: 47-3904624, 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.



James Martin
Chief

Operator's Well No: 14-S-116921
Farm Name: SHONK LAND COMPANY
API Well Number: 47-3904624
Permit Type: Plugging
Date Issued: 08/26/2014

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 under the terms of that agreement.

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

Date: 7-8-14
Operator's Well
Well No. 116921 Shonk Land 14-5
API Well No.: 47 039 - 04624

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

✓ 17838
100⁰⁰

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: 1177' Watershed: Cow Fork
Location: Cabin Creek County: Kanawha Quadrangle: Sylvester 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 Terry Urban
Name: P.O. Box 1207
Address: Clendenin, WV 25045

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.

*Operator to cover all perforations
with Class A Cement & pull All free pipe*

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 7-11-14

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JUL 17 2014

WV Department of
Environmental Protection

08/29/2014

PLUGGING PROGNOSIS

Shonk # 14 (116921)

Kanawha, County, W.V.

API # 47-039-04624

BY: Beau Fry

DATE: 3/24/14

CURRENT STATUS:

12 3/4" @ 31' cmt w/ 12 cuft

8 5/8" @ 1640' cmt w/ 502 cuft

4 1/2" @ 2848' (194 sks)

Elevation @ 1177'

Fresh Water @ 90'

Gas Shows @ None reported

Oil Shows @ None Reported

Salt Sand top @ Est 1543'

Coal @ 80'-85'

Stimulation @ Frac - L Weir Perfs @ 2627'-2696'

*Operator will cores
All perfs with Cement.
Aug 2 Miller
7-11-14*

1. Notify inspector, Terry Urban. 304-549-5915 24 hrs. prior to commencing operations.
2. TIH w/ tubing to 2700'; Set 300' C1A Cement Plug @ 2700' to 2400' (L Weir Perfs).
3. TOOH w/ tubing @ 2400', Gel Hole @ 2400' to 2100'.
4. TOOH w/ tubing, Free Point 4.5" csg, cut 4.5" csg @ Free Point, TOOH w/ 4.5" csg.
5. 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.
6. TIH w/ tubing @ 2100'; Set 100' C1A Cement Plug @ 2100' to 2000' (Insurance plug).
7. TOOH w/ tubing @ 2000', Gel Hole @ 2000' to 1750'.
8. TOOH w/ tubing @ 1750'; Set 310' C1A Cement Plug @ 1750' to 1440' (8 5/8" csg pt Est top of Salt Sand).
9. TOOH w/ tubing @ 447'; Gel Hole @ 1440' to 800'.
10. TOOH w/ tubing, Free Point 8 5/8" csg, cut 8 5/8" csg @ Free Point, TOOH w/ 8 5/8" csg.
11. 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 5/8" cut. Do not omit any plugs shown below.
12. TIH w/ tubing @ 800'; Set 100' C1A Cement Plug @ 800' to 700'. (Insurance plug).
13. TOOH w/ tubing @ 700'; Gel Hole @ 700' to 200'.
14. TOOH w/ tubing @ 200'; Set 200' C1A cement plug @ 200' to Surface'. (1 Coal Show 1 FW show, 12 3/4" csg pt)
15. Top off as needed
16. Set monument to WV DEP specs
17. Reclaim Location to WV DEP Specifications.

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Environmental Protection

WR-35

05-Jan-89
API # 47- 39-04624

State of West Virginia
DEPARTMENT OF ENERGY
Division of Oil and Gas

Well Operator's Report of Well Work

Farm name: SHONK LAND COMPANY Operator Well No.: 14-S-116921

LOCATION: Elevation: 1177.12 Quadrangle: SYLVESTER

District: CABIN CREEK County: KANAWHA
Latitude: 13800 Feet South of 38 Deg. 7 Min. 30 Sec.
Longitude 6100 Feet West of 81 Deg. 30 Min. 0 Sec.

Company: ASHLAND EXPLORATION, INC.
P. O. BOX 391
ASHLAND, KY 41114-0000

Agent: FORREST BURKETT

Inspector: CARLOS W. HIVELY
Permit Issued: 01/04/89
Well work Commenced: 4/4/89
Well work Completed: 4/25/89
Verbal Plugging
Permission granted on: _____
Rotary x Cable _____ Rig
Total Depth (feet) 2852
Fresh water depths (ft) 90'

Salt water depths (ft) Approx. 1600'

Is coal being mined in area (Y/N)? N
Coal Depths (ft): 80-85

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
12 3/4"	31'	31'	12
8 5/8"	1640'	1640'	502
4 1/2"	2848'	2848'	194

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MAY 19 1989

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

OPEN FLOW DATA

Producing formation Upper Weir Pay zone depth (ft) 2627-2696
Gas: Initial open flow NS MCF/d Oil: Initial open flow _____ Bbl/d
Final open flow 579 MCF/d Final open flow _____ Bbl/d
Time of open flow between initial and final tests 3 Hours
Static rock Pressure 310 psig (surface pressure) after 72 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

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

For: ASHLAND EXPLORATION, INC.

By: Shankar Singh Reserv. S. Hana. Engineering Tech
Date: MAY 17 1989

08/29/2014

Perf Lower Weir 96H/2627-2696 - 75 Q Foam Frac using 500 gal 15% HCl,
 1000 gal 25% Methanol, 90,700# 20/40 sand & 430,000 SCF N2 @ 10,200 SCF/min.
 BD @ 800#, ATP 1500# @ 30 B/M foam, MTP 1690#, ISIP 1050#, TF 360. Dropped
 60 balls w/slight action.

<u>FORMATION</u>	<u>TOP</u>	<u>BASE</u>
Sand & Shale	0	1115
Lower Pottsville Sand	1115	1543
Shale	1543	1680
Ravenscliff	1680	1716
Avis Limestone	1716	1732
Shale	1732	1784
Upper Maxton	1784	1810
Shale	1810	1864
Middle & Lower Maxton	1864	2118
Little Lime	2118	2204
Pencil Cave	2204	2209
Big Lime	2209	2470
Shale	2470	2472
Injun	2472	2486
Shale	2486	2605
Lower Weir	2605	2771
Shale	2771	TD
DTD 2852		
LTD 2859		

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 MAY 19 1989

DIVISION OF OIL & GAS
 DEPARTMENT OF ENERGY

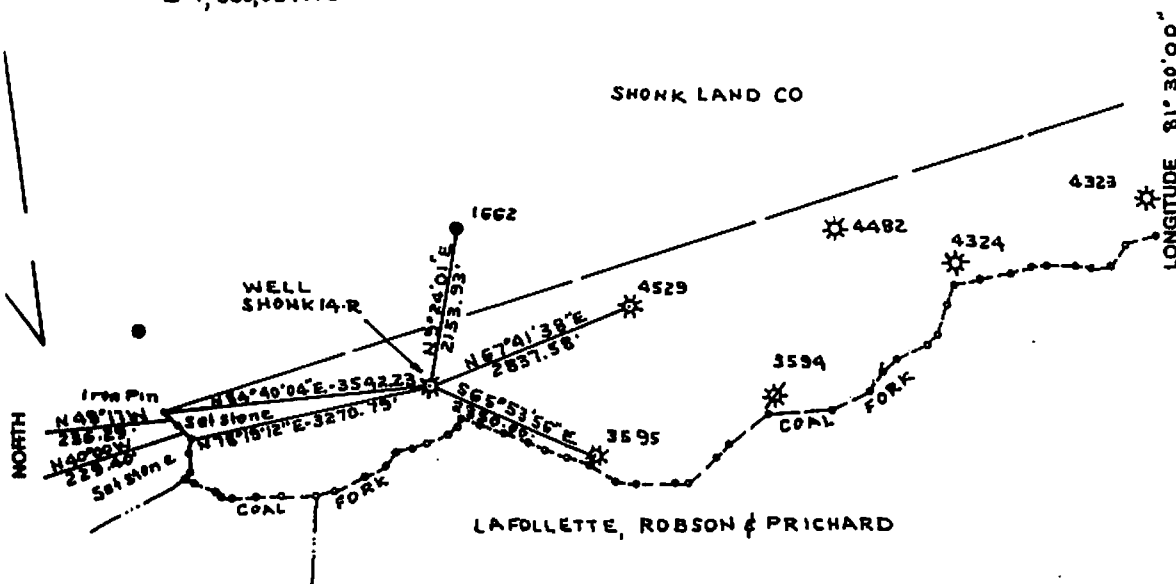
S/55

3904624P

G100'
LATITUDE 38°07'30"

Jamie 5/10/89

CEDAR COAL CO & STATE
PLANE COORD.
N - 396,187.20'
E - 1,850,031.12'



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

FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 2000'
 MINIMUM DEGREE OF ACCURACY 1:5000'
 PROVEN SOURCE OF ELEVATION USGS BM 9545
On R.R. bridge E 1730.78'

I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAN 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.

(SIGNED) C. S. Solley Jr.
 R.P.E. _____ I.L.S. 92

PLACE SEAL HERE

STATE OF WEST VIRGINIA
 DEPARTMENT OF ENERGY
 OIL AND GAS DIVISION



DATE MAY 6, 1989
 OPERATOR'S WELL NO. SHONK 14
 API WELL NO. AEZ SN 116 921

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF "GAS,") PRODUCTION STORAGE DEEP SHALLOW
 LOCATION: ELEV. 1175.76 WATERSHED COAL FORK OF CABIN CREEK
 DISTRICT CABIN CREEK COUNTY KANAWHA
 QUADRANGLE SYLVESTER
 SURFACE OWNER SHONK LAND CO. ACREAGE TR. 3, 793 AC.
 OIL & GAS ROYALTY OWNER SHONK LAND CO. LEASE ACREAGE 1753.7

47 - 030 RECEIVED
 Office of Edward East

PROPOSED WORK: DRILL CONVERT D.RILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____

PLUG AND ABANDON CLEAN OUT AND REPLUG
 TARGET FORMATION WEIR ESTIMATED DEPTH 2958'
 WELL OPERATOR ASHLAND EXPLORATION INC. DESIGNATED AGENT: FORREST BURKETT
 ADDRESS P.O. BOX 391, ASHLAND Ky 41114 ADDRESS P.O. BOX 379, BRENTON

08/23/2014

LONGITUDE 81° 30' 00"

008' E

COUNTY NAME PERMIT

1) Date: 7-8-14
2) Operator's Well Number
116921 Shonk Land 14-5
3) API Well No.: 47 039 - 04624
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

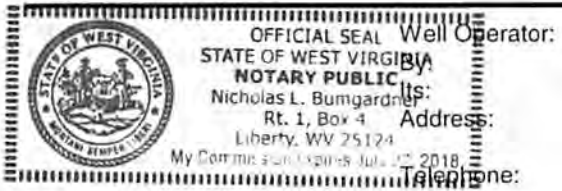
4) Surface Owner(s) to be served:
(a) Name Shonk Land Company, LLC.
Address 194 Summers Street
Charleston, WV 25301-2132
(b) Name _____
Address _____
(c) Name _____
Address _____
6) Inspector Terry Urban
Address P.O. Box 1207
Clendenin, WV 25045
Telephone 304-549-5915

5) (a) Coal Operator:
Name None
Address _____
(b) Coal Owner(s) with Declaration
Name Patriot Coal
Address 5914 Cabin Creek Road
Cabin Creek, WV 25035
Name _____
Address _____
(c) Coal Lessee with Declaration
Name None
Address _____

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

- (1) The application to Plug and Abandon a Well on Form WW-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
Victoria J. Roark
Permitting Supervisor
PO Box 280
Bridgeport, WV 26330
(304) 848-0076

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Office of Oil and Gas
JUL 08 2014
WV Department of Environmental Protection

Subscribed and sworn before me this 7 day of JULY,
My Commission Expires: 7/27/2018
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.

3904624P

USPS logo, \$07.40, ZIP 26330, 0411 10228992

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Patriot Coal
5914 Cabin Creek Road
Cabin Creek, WV 25035
116921 plugging

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

PS Form 3811, July 2013
Domestic Return Receipt
2. Article Number
7014 0510 0000 4438 5167
3. Service Type
4. Restricted Delivery? (Extra Fee)

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WV Department of Environmental Protection

08/29/2014

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Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement)	
Total	

Postmark Here

Sent To: **Shonk Land Company, LLC**
194 Summers Street
Charleston, WV 25301-2132
116921 plugging

PS Form 3800, August 2006 See Reverse for Instructions

Shonk Land Company, LLC
194 Summers Street
Charleston, WV 25301-2132
116921 plugging

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

COMPLETE THIS SECTION ON DELIVERY

A. Signature _____
 Addressee
 Agent

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

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

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

4. Restricted Delivery? (Extra Fee) Yes No

2. Article Number 7014 0510 0000 4438 5150
(Transfer from service label)

1. Article Addressed to:
Shonk Land Company, LLC
194 Summers Street
Charleston, WV 25301-2132
116921 plugging

PS Form 3811, July 2013
Domestic Return Receipt

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JUL 08 2014

WV Department of
Environmental Protection

08/29/2014

WW-9
Revised 2/03

Page ____ of ____
2) Operator's Well Number
116921 Shonk Land 14-5
3) API Well No.: 47 039 - 04624

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: Cow Fork Quadrangle: Sylvester 7.5'
Elevation: 1177' County: Kanawha District: Cabin Creek

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.? 20 -10ml

Proposed Disposal Method for Treated Pit Wastes:
X Land Application
____ Underground Injection - UIC Permit Number
____ Reuse (at API Number)
____ Offsite Disposal Permit #.
____ Other: Explain _____

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WV Department of Environmental Protection

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

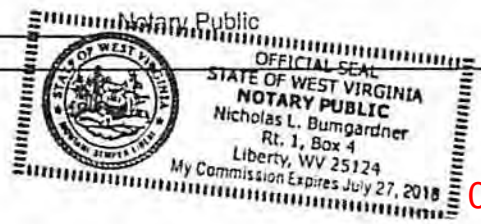
Will closed loop system be used? _____
Drill Cuttings disposal method? Leave in pit, landfill, remove offsite, etc. _____
If left in pit and plan to solidify what medium will be used? Cement, Lime, sawdust _____
Landfill or offsite name/permit number? _____

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 [Signature]
Company Official (Typed or Printed) Victoria Roark
Company Official Title Permitting Supervisor-WV

Subscribed and sworn before me this 7 day of JULY, 2014

My Commission Expires 7/27/2018

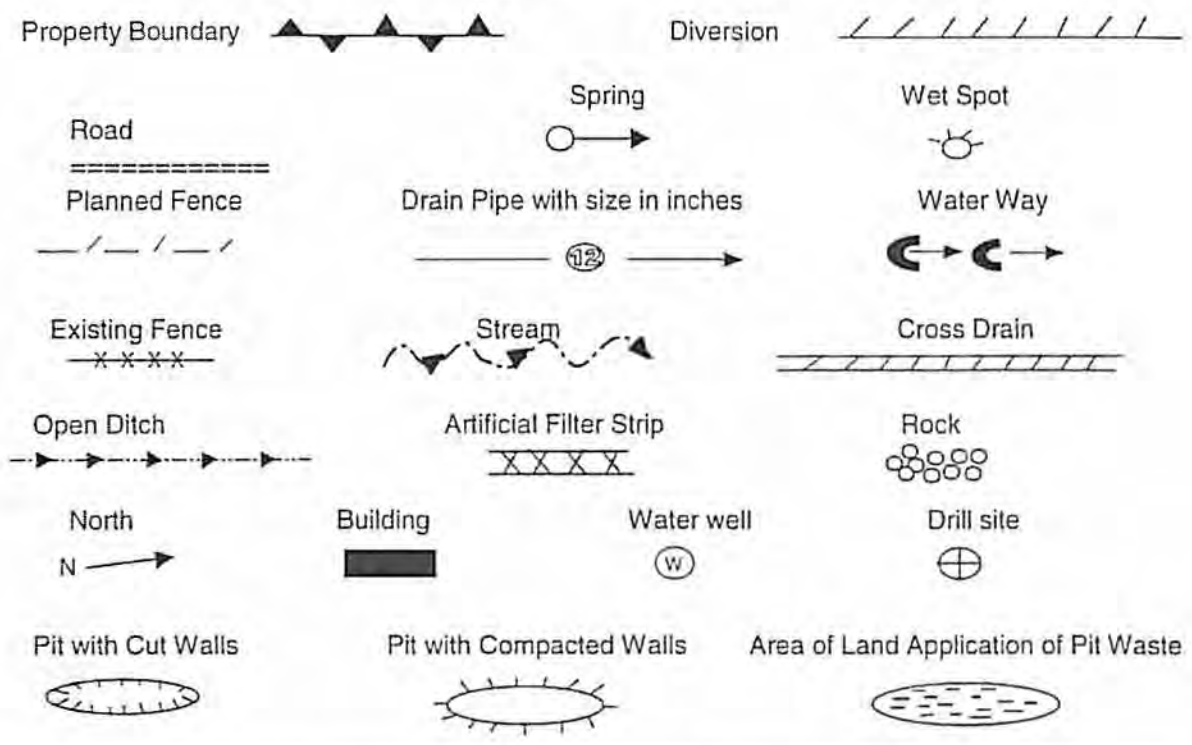


08/29/2014

3904624F

OPERATOR'S WELL NO.:
116921 Shonk Land 14-5

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		

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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: _____

JUL 17 2014

WV Department of
Environmental Protection

Title: Inspector Oil & Gas Date: 7-11-14
Field Reviewed? Yes No

08/29/2014

3904624P

Topo Quad: Sylvester 7.5'

Scale: 1" = 2000'

County: Kanawha

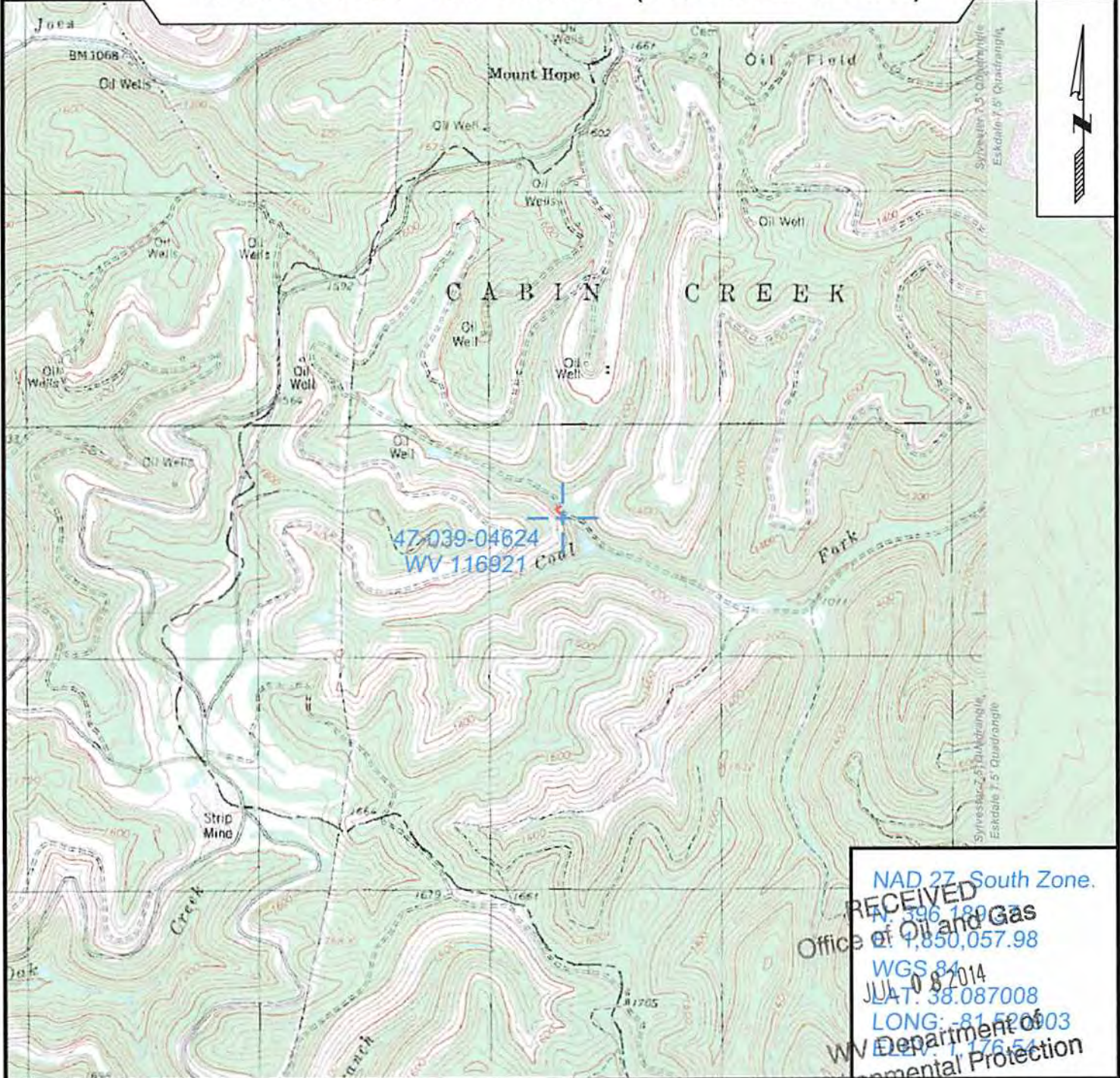
Date: May 14, 2014

District: Cabin Creek

Project No: 52-14-00-07

47-039-04624 WV 116921 (Shonk Land 14-5)

Topo



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 NAD 27, South Zone.
 N. 396,189.98
 Office of Oil and Gas
 1,850,057.98
 WGS 84
 JUL 08 2014
 LAT: 38.087008
 LONG: -81.520603
 WV Department of
 Environmental Protection



SURVEYING AND MAPPING SERVICES PERFORMED BY:
ALLEGHENY SURVEYS, INC.
 1-800-482-8606
 237 Birch River Road
 Birch River, WV 26610
 PH: (304) 649-8606
 FAX: (304) 649-8608

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

08/29/2014

WW-7
8-30-06



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

API: 47-039-04624 WELL NO.: WV 116921 (Shonk Land 14-5)

FARM NAME: Shonk Land Company

RESPONSIBLE PARTY NAME: EQT Production Company

COUNTY: Kanawha DISTRICT: Cabin Creek

QUADRANGLE: Sylvester 7.5'

SURFACE OWNER: Shonk Land Company, LLC

ROYALTY OWNER: Shonk Land Company, LLC, et al.

UTM GPS NORTHING: 4215597

UTM GPS EASTING: 454328 GPS ELEVATION: 358 m (1177 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.

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Office of Oil and Gas
JUL 08 2014
WV Department of Environmental Protection
Date

[Signature]
Signature

PS # 2180
Title



POTENTIAL WATER SAMPLE DATA SHEET

CLIENT: EQT PRODUCTION COMPANY
LEASE NAME AND WELL No. Shonk Land 14-5 - WV 116921 - API No. 47-039-04624

POTENTIAL SAMPLE LOCATIONS

There appears to be no known water samples within the required 1000' of the existing well WV 116921.

BIRCH RIVER OFFICE
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
700 E. 4th St.
Alum Creek, OH 43003
phone: 304-756-2949
fax: 304-756-2948

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3904624F

Topo Quad: Sylvester 7.5'

Scale: 1" = 2000'

County: Kanawha

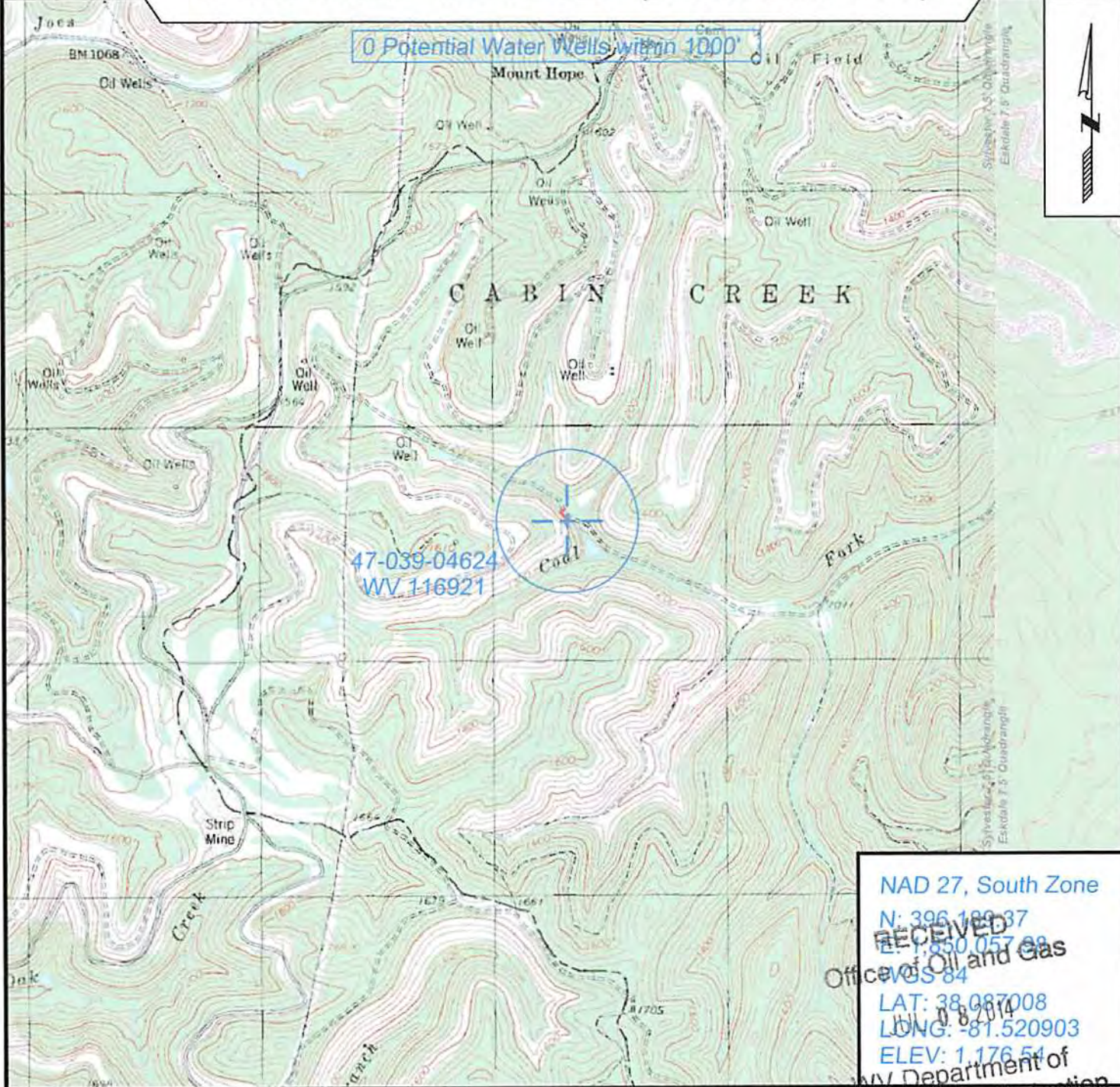
Date: May 14, 2014

District: Cabin Creek

Project No: 52-14-00-07

Water

47-039-04624 WV 116921 (Shonk Land 14-5)



47-039-04624
WV 116921

NAD 27, South Zone

N: 396 180 37

1,850,057.88

OFFICE OF OIL AND GAS

LAT: 38.087008

LONG: -81.520903

ELEV: 1,176.54

WV Department of Environmental Protection

PREPARED FOR:



SURVEYING AND MAPPING SERVICES PERFORMED BY:

ALLEGHENY SURVEYS, INC.

1-800-482-8606
237 Birch River Road
Birch River, WV 26610
PH: (304) 649-8606
FAX: (304) 649-8608

EQT Production Company

P.O. Box 280
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