



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

May 23, 2014

WELL WORK PLUGGING PERMIT

Plugging

This permit, API Well Number: 47-10900845, 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: 69
Farm Name: PARDEE LAND CO.
API Well Number: 47-10900845
Permit Type: Plugging
Date Issued: 05/23/2014

Promoting a healthy environment.

05/23/2014

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.

109 00845 P

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

Date: 4-21-14
Operator's Well _____
Well No. 091241 Pardee Land #69
API Well No.: 47 109 - 00845

OK # 17285
\$100.00

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: 2138 Watershed: Big Huff Creek
Location: Oceana County: Wyoming 109 Quadrangle: Lorado 445
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.

RECEIVED
Office of Oil and Gas

APR 30 2014

WV Department of
Environmental Protection

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 4/28/14

05/23/2014

10900895A

PLUGGING PROGNOSIS

091241 Pardee Land # 69

Wyoming County, West Virginia
API # 47-109-00845

BY: Beau Fry
DATE: 12/11/13

CURRENT STATUS:

16" csg @ 28' cmt w/ 15 sks
8 5/8" csg @ 2416'
4 1/2" csg @ 4657' Cemented w/ 175 sks
2 3/8" tubing @ 4153' ?
TD @ 4657' *4051'*

Oil Shows – None Reported FW Shows – None Reported Coal Shows – None reported 1st Salt Sand top @ 1689' Gas shows – None Reported Elevation 2139'

Stimulation: Frac the Berea – perfs @ 4183' – 4167'

1. Notify State Inspector, **Ross Eller**, 1-304-932-6844 48 hrs prior to commencing operations.
2. TOOH w/ tubing @ 4153' or confirm depth w/wireline .check condition and re tally pipe on the way back in hole. *GEL BOTTOM HOLE*
3. TIH w/ 2" tubing @ 4200'; set 233' C1A cement plug @ 4200' to 3967'. (**Berea Perfs**)
4. TOOH w/ 2" tubing @ 3967'; Gel hole @ 3967' to 3300'.
5. TOOH w/ 2" tubing, Free Point 4 1/2" csg, cut 4 1/2" csg @ free point, TOOH w/ 4 1/2" csg.
6. Set 100' C1A cement plug 50' IN/OUT of cut. Perf all 1st Salt Sand tops ,Gas, Oil ,Coal, Elevation & FW shows below 4 1/2" cut and do not omit any plugs shown.
7. TIH w/ 2" tubing @ 3300'; set 100' C1A cement plug @ 3300' to 3200'. (Insurance plug)
8. TOOH w/ 2" tubing @ 3200'; Gel hole @ 3200' to 2500'.
9. TOOH w/ 2" tubing @ 2500'; set 200' C1A cement plug @ 2500' to 2300'. (**8 5/8" csg pt**).
10. TOOH w/ 2" tubing @ 2300'; Gel hole @ 2300' to 2200'.
11. TOOH w/ 2" tubing, Free Point 8 5/8" csg, cut 8 5/8" csg @ free point, TOOH w/ 8 5/8" csg.
12. Set 100' C1A cement plug 50' IN/OUT of cut. Perf all 1st Salt Sand tops ,Gas, Oil ,Coal, Elevation & FW shows below 8 5/8" cut and do not omit any plugs shown.
13. TIH w/ 2" tubing @ 2200'; set 200' C1A cement plug @ 2200' to 2000'. (**Elevation Plug**)
14. TOOH w/ 2" tubing @ 2000'; Gel hole @ 2000' to 1690'.
15. TOOH w/ 2" tubing @ 1690'; set 100' C1A cement plug @ 1690' to 1590'. (1st Salt Sand Top)
16. TOOH w/ 2" tubing @ 1590'; Gel hole @ 1590' to 1000'. (Insurance Plug)
17. TOOH w/ 2" tubing @ 1000'; set 100' C1A cement plug @ 1000' to 900'. (Insurance Plug)
18. TOOH w/ 2" tubing @ 900'; Gel hole @ 900' to 250'.
19. TOOH w/ 2" tubing @ 250'; set 250' C1A cement plug to surface. (16" csg pt)
20. Top off as needed.
21. Set Monument to WV – DEP Specifications
22. Reclaim Location & Roads to WV – DEP Specifications.

Received

APR 22 2014

Office of Oil and Gas
WV Dept. of Environmental Protection

05/23/2014

Pardee Land Co. # 69

OG-10
Rev. - 9-71



MAY 2 1981

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
Oil and Gas Division
WELL RECORD

OIL & GAS DIVISION
DEPT. OF MINES

Quadrangle Lorado
Permit No. 845

Rotary X Oil _____
Cable _____ Gas X _____
Recycling _____ Comb. _____
Water Flood _____ Storage _____
Disposal _____ (Kind)

Company Ashland Exploration, Inc.
Address P. O. Box 391, Ashland, Ky. 41101
Farm Pardee Land Co. Acres 4,000
Location (waters) Big Huff Creek, Guyan River
Well No. 69 Elev. 2139.4'
District Oceana County Wyoming
The surface of tract is owned in fee by Pardee Land Co.
Address 1510 Two Girard Plaza, Philadelphia, PA 19102
Mineral rights are owned by Same Address _____
Drilling Commenced 4/14/81
Drilling Completed 4/24/81
Initial open flow _____ cu. ft. _____ bbls.
Final production 139 M cu. ft. per day _____ bbls.
Well open 3 hrs. before test 260 RP.

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size 20-16 16"	28	28	15 sks
Cond. 13-10"			
9 5/8			
8 5/8	2416	2416	530 sks
7			
5 1/2			
4 1/2	4657	4657	175 sks
3			
2 3/8		4153	
Lines Used			

Well treatment details: Perf Berea 14H/4167-83 - Frac'd w/80 Quality foam @ 20 BPM (4BPM wcr) 60,000# 20/40 sd. ATP 2000#, ISIP 1300#, 15 min 1000#. Total sd laden fluid 151 bbl.

Attach copy of cementing record.

Coal was encountered at _____ Feet _____ Inches
Fresh water _____ Feet _____ Salt Water _____ Feet _____
Producing Sand Berea Depth 4154

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Sand			0	284		
Shale & Sand			284	458		
Sand			458	611		
Shale & Sand			611	694		
Sand			694	783		
Shale			783	861		
Sand			861	931		
Shale w/sd streaks			931	1303		
Sand & Shale			1303	1406		
Sand			1406	1502		
Shale & Sand			1502	1689		
Salt Sand			1689	2379		
Shale			2379	2566		
Ravencliff			2566	2591		
Shale			2591	2624		
Avis Lime			2624	2671		
Shale & Sand			2671	2820		
Upper Maxton			2820	2898		
Lower Maxton			2898	3139		
Shale			3139	3204		
Little Lime			3204	3275		
Pencil Cave			3275	3306		
Big Lime			3306	3618		
Shale w/sd streaks			3618	3764		

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APR 22 2014

Office of Oil and Gas
WV Dept. of Environmental Protection

* Indicates Electric Log tops in the remarks section.

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil Cap or Water	Remarks
Upper Weir			3764	3799		
Shale			3799	3812		
Lower Weir			3812	3910		
Shale			3910	4134		
Coffee Shale			4134	4154		
Berea			4154	4188		
Shale			4188	4343		
Gordon			4343	4366		
Shale			4366	4681		
DYD	4686					
LTD	4681					

Received

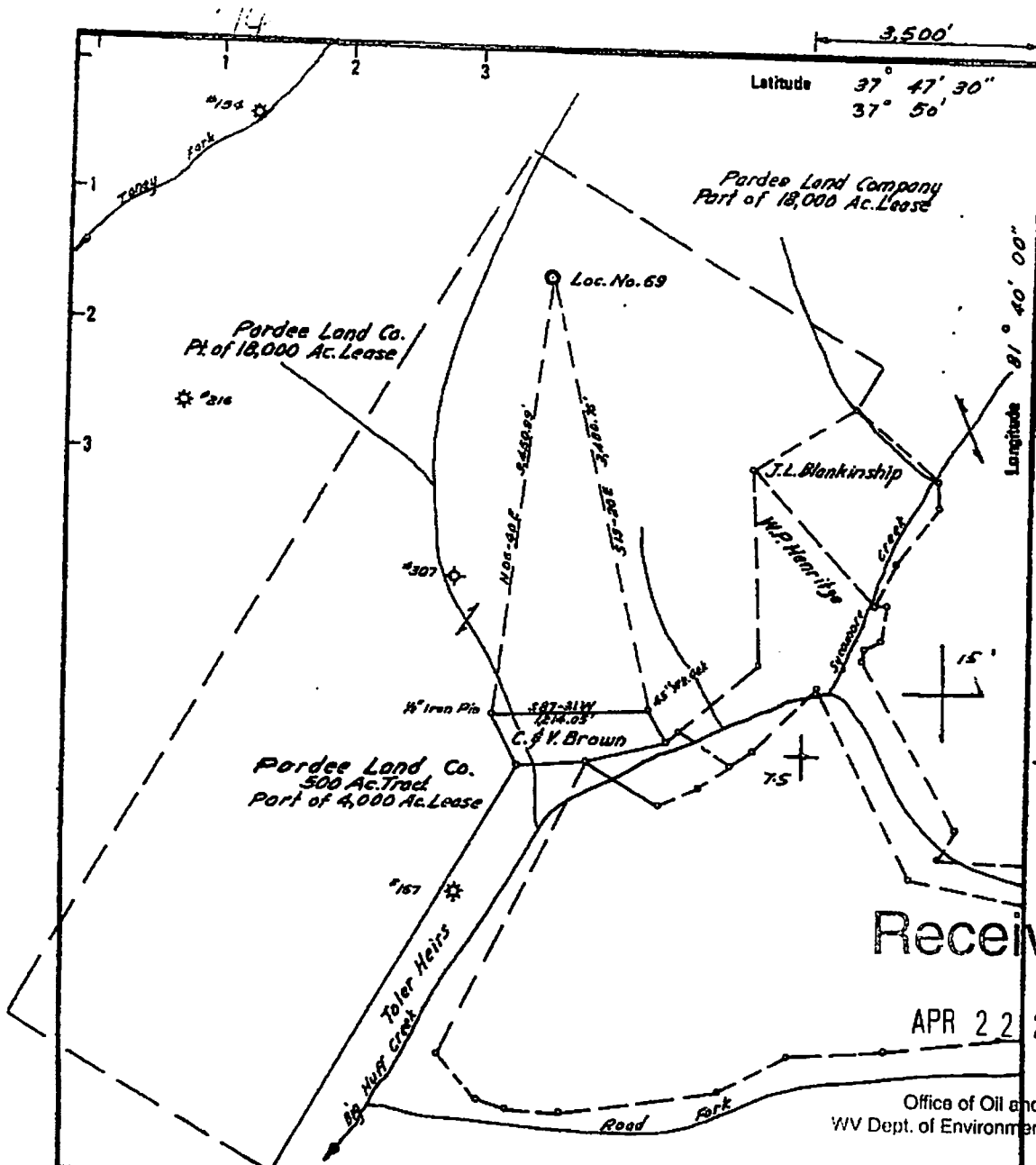
APR 22 2014

Office of Oil and Gas
WV Dept. of Environmental Protection

DATE: May 27 .. 81

APPROVED BY ASHLAND EXPLORATION, INC.

By *L. D. Preston*
L. D. Preston Engineer



Received

APR 22 2014

Office of Oil and Gas
WV Dept. of Environmental Protection

New Location <input checked="" type="checkbox"/> Drill Deeper <input type="checkbox"/> Abandonment <input type="checkbox"/>	Minimum Error of Closure <u>1 in 10,060</u> Source of Elevation <u>U.S.G.S. B.M. of Locoma</u> "I, the undersigned, hereby certify that this map is correct to the best of my knowledge 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."
---	--

Company	<u>ASHLAND EXPLORATION, INC.</u>		
Address	<u>BOX 391, ASHLAND, KY. 41001</u>		
Farm	<u>PARDEE LAND COMPANY</u>		
Tract	Acres	Lease No.	
	<u>4000</u>	<u>50622</u>	
Well (Farm) No.		Serial No.	
	<u>69</u>	<u>091241</u>	
Elevation (Spirit Level)	<u>2139.6</u>		
Quadrangle	<u>LORADO</u>		
County	District		
<u>WYOMING</u>	<u>OCEANA</u>		
Engineer	<u>John H. Duvallet</u>		
Engineer's Registration No.	<u>1442</u>		
File No.	Drawing No.		
Date	Scale		
<u>FEBRUARY 2, 1991</u>	<u>1" = 1,000'</u>		

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

WELL LOCATION MAP
FILE NO. 47-109-0845

⊙ Denotes location of well on United States Topographic Maps, scale 1 to 24,000 latitude and longitude lines being represented by border lines as shown.

— Denotes one inch spaces on border line of original tracing.

10900845 P

WW-4-A
Revised 6/07

1) Date: 4-21-14
2) Operator's Well Number
091241 Pardee Land #69
3) API Well No.: 47 109 - 00845
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 Pardee Curtin Reality LLC
Address 1717 Arch St ✓
Philadelphia PA 19103
(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 Pardee Minerals LLC ✓
1717 Arch St
Address Philadelphia PA 19103
Name _____
Address _____
(c) Coal Lessee with Declaration
Name Penn Virginia Operating Co
Address 6907 Duff Pat Rd ✓
Duffield, VA 24244

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.

Received

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.

APR 22 2014

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.



NOTAR - PUBLIC
EQT Production
Box 780
WV 26330
Aug 24, 2022

Well Operator: EQT Production Company
By: Victoria J. Roark
Permitting Supervisor
Address: PO Box 280
Bridgeport, WV 26330
(304) 848-0076
Telephone: _____

Subscribed and sworn before me this 21 day of April, 2014

Notary Public
My Commission Expires: 8-24-22

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.

05/23/2014

10900845P

FIRST-CLASS MAIL
neopost
04/21/2014
US POSTAGE
\$01.61⁹
ZIP 26330
041L10228892



Ross Eller
121 Brierhill Dr
Beckley, WV 25801

EQT
O Vicki Roark
D. Box 280
Edgeport, WV 26330

Received

APR 22 2014

Office of Oil and Gas
WV Dept. of Environmental Protection

05/23/2014

EQT

70 Vicki Roark
P.O. Box 280
Bridgeport, WV 26330

10900845P

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:

Pardee Curtin Realty LLC
1717 Arch St
Philadelphia PA 191103

091241 Plugging

2. Article Number
(transfer from service label)

7013 2630 0001 4239 3512

PS Form 3811, July 2013

Domestic Return Receipt

COMPLETE THIS SECTION ON DELIVERY

- A. Signature Agent Addressee
X
- 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

PS Form 3800, August 2006 See Reverse for Instructions

City, State or PO Box Philadelphia PA 191103

091241 Plugging

Postage \$

Certified Fee

Return Receipt Fee (Endorsement Required)

Restricted Delivery Fee (Endorsement Required)

Postmark Here

Pardee Curtin Realty LLC
1717 Arch St
Philadelphia PA 191103

7013 2630 0001 4239 3512

OFFICIAL USE

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

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



7013 2630 0001 4239 3512

Pardee Curtin Realty LLC
1717 Arch St
Philadelphia PA 191103

Received

APR 22 2014

Office of Oil and Gas
WV Dept. of Environmental Protection



neopost
04/21/2014
USPS POSTAGE

First Class Mail
\$07.40

ZIP 26330
041L10228892

05/23/2014

FIRST CLASS MAIL

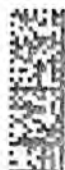
\$07.40

ZIP 26330
041L10228892

neopost

04/21/2014

US POSTAGE



Penn Virginia Operating Co
6907 Pat Road
Duffield, VA 24244

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

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

OFFICIAL USE

Postage	\$
Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	

Postmark
Here

Total Postage: Penn Virginia Operating Co
6907 Pat Road
Duffield, VA 24244

Sent To
Street, Apt. No.
or PO Box No.
City, State, Zi.

091241 Plugging

PS Form 3800, August 2006

See Reverse for Instructions

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:

Penn Virginia Operating Co
6907 Pat Road
Duffield, VA 24244

091241 Plugging

2. Article Number

(Transfer from service label)

7013 2630 0001 4239 3529

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®
- Registered
- Insured Mail
- Priority Mail Express™
- Return Receipt for Merchandise
- Collect on Delivery

4. Restricted Delivery? (Extra Fee)

Yes

Received

APR 22 2014

Office of Oil and Gas
WV Dept. of Environmental Protection

EQT

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

05/23/2014

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: Big Huff Creek Quadrangle: Lorado

Elevation: 2138 County: Wyoming District: Oceana

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? _____

Received

Will closed loop system be used? _____ APR 22 2014

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? _____

Office of Oil and Gas
WV Dept. of Environmental Protection

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 _____

Company Official (Typed or Printed) Victoria Roark

Company Official Title Permitting Supervisor-WV

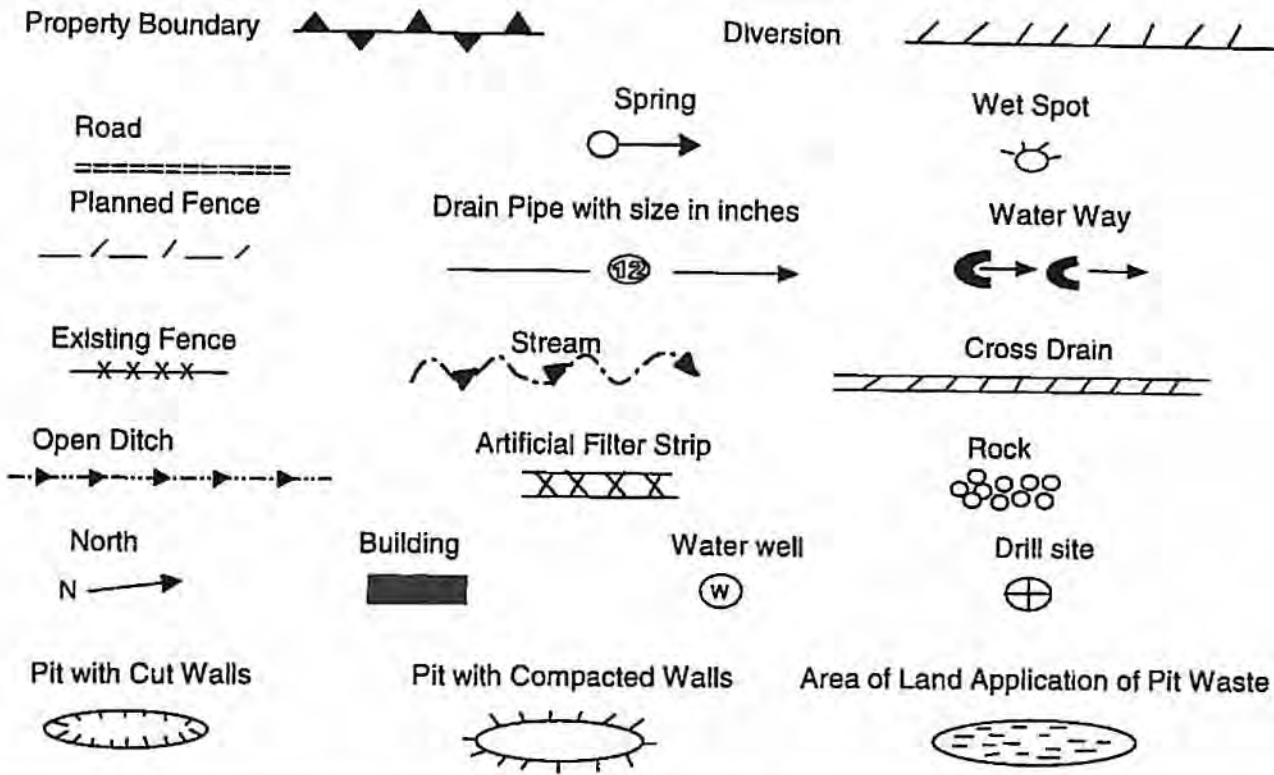
Subscribed and sworn before me this 21 day of April, 2014

My Commission Expires 8-24-20 Notary Public



OPERATOR'S WELL NO.:
091241 Pardee Land #69

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		

RECEIVED 5
Office of Oil and Gas

APR 30 2014

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: WV DEP Risk Assessment Date: 4/28/14
Field Reviewed? Yes No

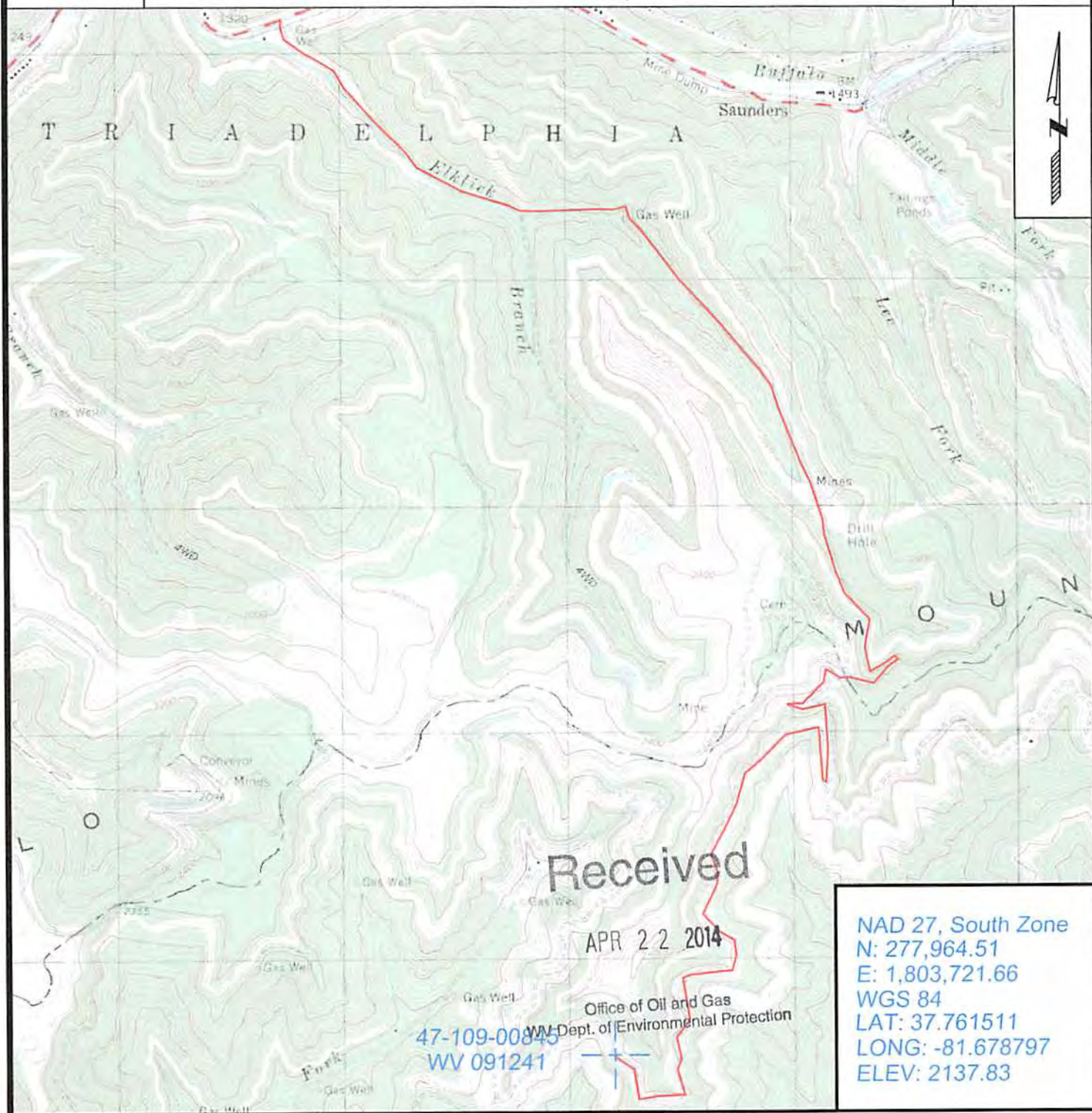
WV Department of Environmental Protection

10900845F

Topo Quad: Lorado 7.5' Scale: 1" = 2000'
 County: Wyoming Date: March 20, 2014
 District: Oceana Project No: 22-22-00-08

47-109-00845 WV 091241 (Pardee Land #69)

Topo



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:

EQT Production Company

P.O. Box 280
 Bridgeport, WV 26330

05/23/2014

WW-7
3-21-14



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

API: 47-109-00845 WELL NO.: WV 091241 (Pardee Land #69)

FARM NAME: Pardee Land Company

RESPONSIBLE PARTY NAME: EQT Production Company

COUNTY: Wyoming DISTRICT: Oceana

QUADRANGLE: Lorado 7.5'

SURFACE OWNER: Pardee and Curtin Realty, LLC

ROYALTY OWNER: Pardee Minerals, LLC, et al.

UTM GPS NORTHING: 4179572

UTM GPS EASTING: 440211 GPS ELEVATION: 651 m (2138 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 X: Post Processed Differential X
Real-Time Differential

Received

APR 22 2014

Office of Oil and Gas
WV Dept. of Environmental Protection

4. **Letter size copy of the topography map showing the well location.**
I the undersigned, hereby certify this data is correct to the best of my knowledge and belief and shows all the information required by law and the regulations issued and prescribed by the Office of Oil and Gas.

Steph...
Signature
4/11/14
Date

PS # 2180
Title



POTENTIAL WATER SAMPLE DATA SHEET

CLIENT: EQT PRODUCTION COMPANY
 LEASE NAME AND WELL No. Pardee Land #69 - WV 091241 - API No. 47-109-00845

POTENTIAL SAMPLE LOCATIONS

There appears to be no known water samples within the required 1000' of the existing well WV 091241.

Received

APR 22 2014

Office of Oil and Gas
 WV Dept. of Environmental Protection

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

Topo Quad: Lorado 7.5'

Scale: 1" = 2000'

County: Wyoming

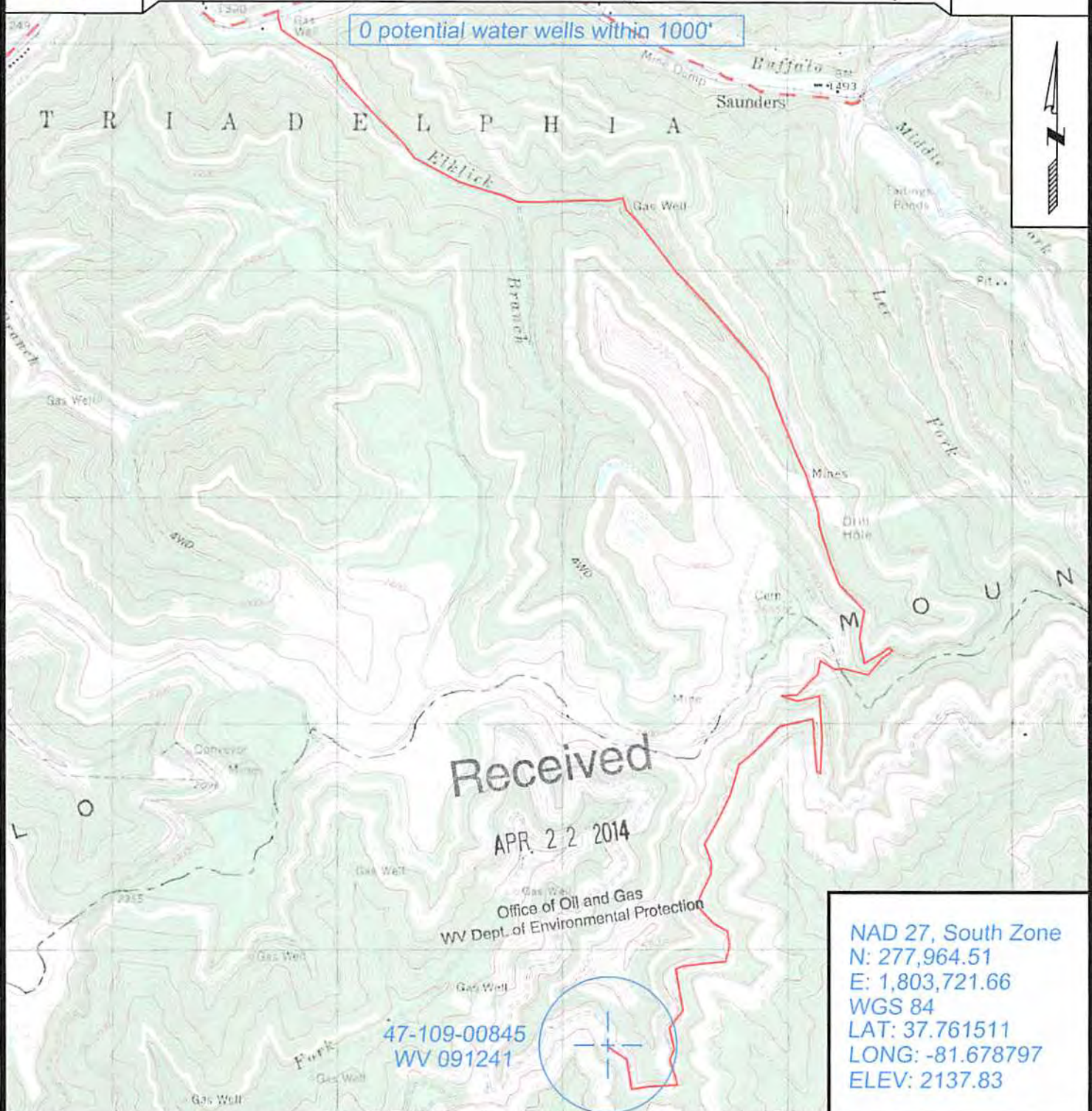
Date: March 20, 2014

District: Oceana

Project No: 22-22-00-08

Water

47-109-00845 WV 091241 (Pardee Land #69)



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
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PREPARED FOR:

EQT Production Company

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Bridgeport, WV 26330

05/23/2014