



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 20, 2015

WELL WORK PLUGGING PERMIT

Plugging

This permit, API Well Number: 47-1703129, 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: 3-1873
Farm Name: FISHER, JOHN D.
API Well Number: 47-1703129
Permit Type: Plugging
Date Issued: 04/20/2015

Promoting a healthy environment.

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.

Date: 2-24-15
Operator's Well
Well No. WV 657361 (Lyon #1873)
API Well No.: 47 017 - 03129

*CK # 19085
10000*

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: 886 ft Watershed: Skelton Rn of Robinson Fk. Of Buckeye Rn of Middle Island Ck
Location: McClellan County: Doddridge Quadrangle: Salem 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 Douglas Newlon
Name: 4060 Dutchman Road
Address: Macfarlan, WV 26148

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.

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OK [Signature]

OFFICE USE ONLY

Notification must be given to the district oil and gas inspector 24 hours before permitted work can commence.
Date _____
Work order approved by inspector _____

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PLUGGING PROGNOSIS

Lyons, M.M. #3-1873(657361)
Dodd. Co. WV
District, McClellan
API # 47-035-03129
BY: R.Green
DATE: 02/12/15

CURRENT STATUS:

16" @ 17'
11 3/4" @ 70' cement w/ 50 sks
8 5/8" @ 1514' cement w/355 sks
4 1/2" @ 5059' cement w/ 65sks
TD @ 5500' (Plugged back to 5059')
Elevation @ 895' ~~886'~~

Fresh Water @ 52' & 109'
Salt Water @ 1120'
Coal @ 90, 160', 187', & 496'
Gas Shows @ none reported
Oil Shows @ none reported

1. Notify State Inspector, Doug Newlon, 304-932-8049, 24 hrs. Prior to commencing operations.
2. TIH to 4945', set 200' C1A cement plug 4945' to 4745' (gas show, Benson Perfs).
3. TOOH tbg to 4745', gel hole 4745' to 4700', TOOH tbg.
4. Free point 4.5 casing, cut casing @ free point (est@4650'). TOOH casing.
5. Set 100' C1A cement plug, 50' in/out of casing cut, perforate all fresh water, salt water, coal, oil and gas shows, below cut. Do not omit any plugs.
6. TOOH tbg to 4600' gel hole 4600' to 1888'.
7. TOOH tbg to 1888', set 100' C1A cement plug 1888' to 1788' (Big Lime).
8. TOOH tbg to 1788', gel hole 1788' to 1565'.
9. TOOH tbg to 1565', set 100' C1A cement plug 1565' to 1465', (8 5/8" casing seat).
10. TOOH tbg to 1465', gel hole 1465' to 1120'.
11. TOOH tbg to 1120', set 100' C1A cement plug, 1120' to 1020'. (Salt-water)
12. TOOH tbg to 1020', gel hole 1020' to 945'.
13. TOOH tbg to 945', set 100' C1A cement plug 945' to 845', (Elevation).
14. TOOH tbg to 845', gel hole 845' to 500'.
15. TOOH tbg to 500', set 500' C1A cement plug 500' to surface. (Coal(s), freshwater, 11 3/4" casing seat.)
16. Erect monument with API #.
17. Reclaim location to WV-DEP specifications.

OK
gwm

FORM IV-35
(REVERSE)

Carnegie Natural Gas Company - Mary H. Lyons Well No. 3-1873

Permit No. 47-017-3129

DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.

Fractured Nov. 1, 1902.

Filled up to 5059'.
Perforations: 4945 - 4949 14 holes.

Fractured: Benson 4828 - 4955.
8.3 Bbls. 15% MSR Acid
5,000# 80/100 Sand
35,000# 20/50 Sand
275 Bbls. 75 Quality Foam

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fresh and salt water, coal, oil and gas
Top Soil			0	10	
Sand and Shale			10	53	5" Stream water at 52'.
Sand			53	90	
Coal			90	93	
Sand and Shale			93	160	1 1/2" Stream water at 109'.
Coal			160	164	
Sand and Shale			164	187	
Coal			187	191	
Sand and Shale			191	496	
Coal			496	504	
Sand and Shale			504	770	
Shale and Red Rock			770	946	
Sand and Shale			946	1748	1" to 1 1/2" Stream water at 1120'.
Shale			1748	1853	
Sand and Shale			1853	1870	
Little Lime			1876	1884	
Shale			1884	1888	
Big Lime			1888	1977	
Big Injun			1977	2041	
Sand and Shale			2041	3820	
Shale			3820	4054	
Sand and Shale			4054		
Total Depth				5500	

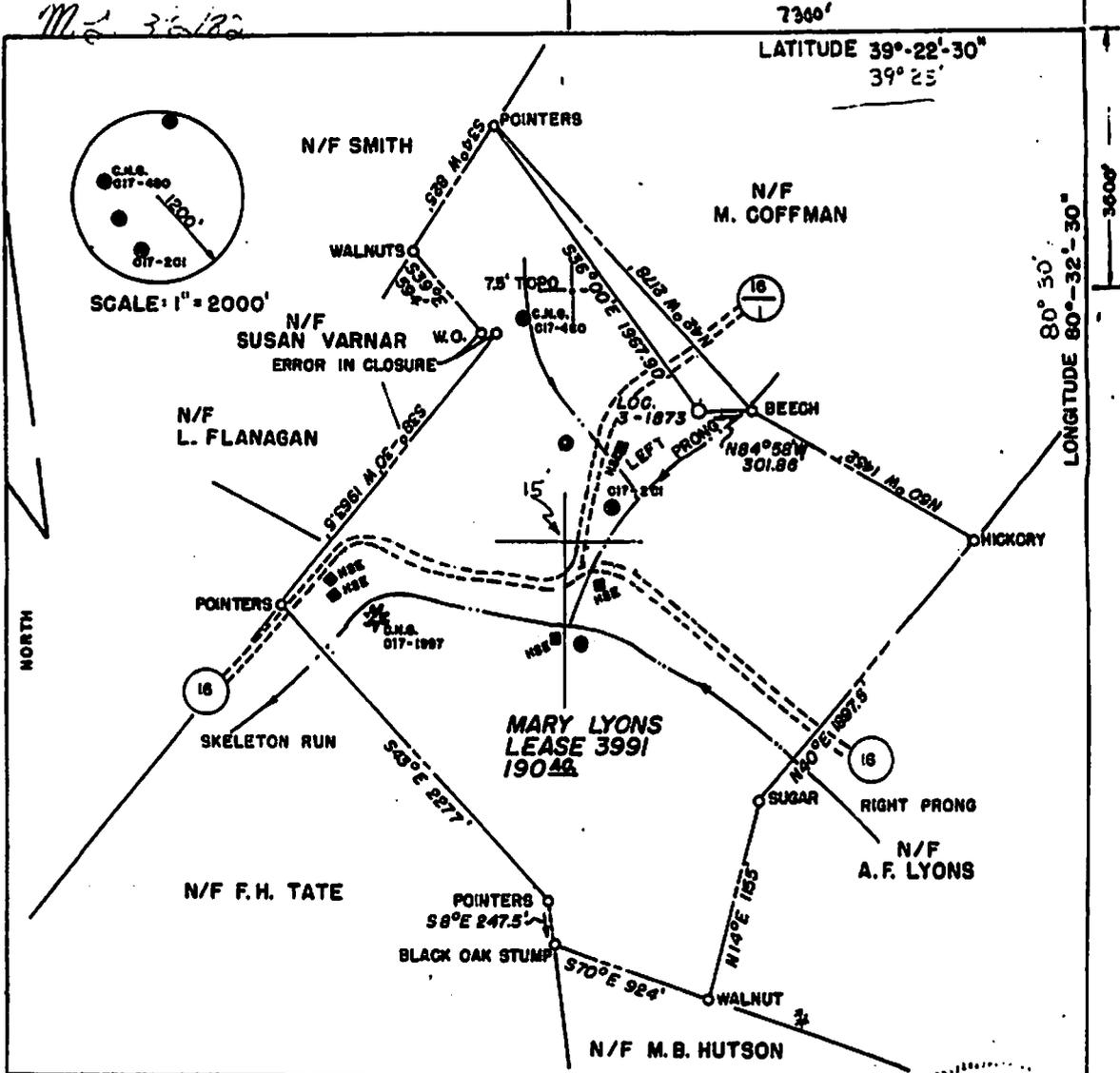
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(Attach separate sheets as necessary)

Well Operator _____
By: _____
Date: _____

Note: Regulation 2.02(i) provides as follows:
"The term 'log' or 'well log' shall mean a systematic detailed geological record of all formations, including coal, encountered in the drilling of a well."

1703129 F



FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 800'
 MINIMUM DEGREE OF ACCURACY 1:200
 PROVEN SOURCE OF ELEVATION INTER. OF CO. ROADS 25 AND 16 ELEV. = 844'

I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT 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 MINES.
 (SIGNED) Alvany R. Stearns
 R.P.E. 9993 L.L.S. _____



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 FORM IV-6 (8-78)



DATE JUNE 30 1992
 OPERATOR'S WELL NO. 3-1873
 API WELL NO. _____
47 017 3129
 STATE COUNTY PERMIT

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS") PRODUCTION ___ STORAGE X DEEP ___ SHALLOW X
 LOCATION: ELEVATION 898 WATER SHED SKELETON RUN
 DISTRICT McCLELLAN COUNTY DODDRIDGE
 QUADRANGLE SALEM
 SURFACE OWNER JOHN D. FISHER ACREAGE 52.48
 OIL & GAS ROYALTY OWNER PAUL G. LYONS ATTY.-IN-FACT LEASE ACREAGE 190
 LEASE NO. 3991
 PROPOSED WORK: DRILL ___ CONVERT X DRILL 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 ALEXANDER ESTIMATED DEPTH 5500'
 WELL OPERATOR CARNEGIE NATURAL GAS CO. DESIGNATED AGENT J.G. STEPHENSON, SUPERINTENDENT
 ADDRESS 3804 MAIN STREET ADDRESS P.O. BOX 387
MUNHALL, PA. 15120 MANNINGTON, W. VA., 26052

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Salem 2

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WW-4-A
Revised 6/07
Office of Oil and Gas

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1) Date: 2-24-15
2) Operator's Well Number
WV 657361 (Lyon #1873)
3) API Well No.: 47 017 - 03129
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 Wesley Cline
Address 144 Wallace Rd.
Wallace, WV 26448

(b) Name _____
Address _____

(c) Name _____
Address _____

6) Inspector Douglas Newlon
Address 4060 Dutchman Road
Macfarlan, WV 26148
Telephone (304) 932-8049

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

(b) Coal Owner(s) with Declaration
Name Beth Braglin
7400 Wood Rd.
Address Chesterhill, OH 43728-9092

Name Michael Dawson
Address P.O. Box 175
Malta, OH 43758-0175
See Page Attached

(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
By: Victoria J. Roark
Its: Permitting Supervisor
Address: PO Box 280
Bridgeport, WV 26330
Telephone: (304) 848-0076

Subscribed and sworn before me this 24 day of FEBRUARY, 2015
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 Chief Privacy Officer at deprivacyofficer@wv.gov.



17-011

IN WITNESS WHEREOF, I have hereunto set my hand and the seal of the State of West Virginia at the City of Charleston, West Virginia, this _____ day of _____, 2018.

Notary Public for the State of West Virginia

My Commission Expires July 27, 2018
 Liberty, WV 25124
 Rt. 1, Box 4
 Nicholas J. Gumbiner
NOTARY PUBLIC
STATE OF WEST VIRGINIA
OFFICIAL SEAL



1703129P

WW2-A

Additional Coal Owners

Rick R. Lyon A.I.F for Dana ✓
3899 Cook Rd.
Rootstown, OH 43758-0175

Nonabel A. Lyon ✓
P.O. Box 685
1617 Orange St. Apt. 685
Coshocton, OH 43812

Lisa Page ✓
2999 South State Rt. 377
Stockport, OH 43787-8912

David Dawson ✓
1825 Hillman Rd.
Stockport, OH 43787-9200

Ralph H. Long III ✓
7 Gwynn Circle
Newport News, VA 23602-5307

Mary Lyon ✓
4794 Prospect St.
Ravenna, OH 44266

Robert D. Lyon ✓
1950 Chandlerville Rd.
Zanesville, OH 43701

Barbara B. Reed ✓
5310 Big Muskie Dr.
Chandlerville, OH 43727-9609

318 Marjorie Taylor ✓
State Route 44
Hartville, OH 44632-9201

Marsha Watson ✓
1001 E Oregon Rd. #1648
Lititz, PA 17543-9205

Gayle Jeanette Williams ✓
1575 Bowers Lane Apt. A-13
Zanesville, OH 43701-7033

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Trans Energy Inc. ✓
P.O. Box 393
St. Marys, WV 26170-0393

Linda S. Lyon ✓
5258 Norfolk St. Apt. 4
Lima, OH 45806

Kay Trader ✓
16527 Haydenville Rd.
Haydenville, OH 43127

Peter B. White ✓
13309 Keating St.
Rockville, MD 20853-3274

Ann Anderson & Jay Anderson ✓
P.O. Box 127
Oberlin, KS 67749-0127

Ada F. Lyon ✓
3125 E. Pike
Zanesville, OH 43701

Janet L. Tussing ✓
2723 Cedar Hill Rd.
Cuyahoga Falls, OH 44223-1225

Carrie A. Smith ✓
13609 Hillsdale
Sterling Heights, MI 48313-3530

Dorothy Lyon ✓
842 N. Main St.
Malta, OH 43758-9019

Vivian Eileen Martin ✓
7198 Perrys Den Road
Cumberland, OH 43732

James R. Paisley ✓
1475 St. Rt. 145
Lower Salem, OH 45745

Peggy G. Sillman ✓
49244 Chestnut Hill Ct.
Shelby Township, MI 48315

Betty Irene Hedge ✓
12441 Belle Valley Rd.
Cumberland, OH 43732-9600

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Dorothy Lee Hughes
392 Carl St.
Cumberland, OH 43732

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 Zanesville, OH 43701
 657361 Plugging

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 4794 Prospect St.
 Ravenna, OH 44266
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 7 Gwynn Circle
 Newport News, VA 23602-5307
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 1001 E Oregon Rd. #1648
 Lititz, PA 17543-9205
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 318 State Route 44
 Hartville, OH 44632-9201
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 5310 Big Muskie Dr.
 Chandlerville, OH 43727-9609
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Sent To: **Michael Dawson**
P.O. Box 175
Malta, OH 43758-0175
657361 Plugging

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Sent To: **Nonabel A. Lyon**
P.O. Box 685
1617 Orange St. Apt. 685
Coshocton, OH 43812
657361 Plugging

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3899 Cook Rd.
Rootstown, OH 43758-0175
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Sent To: **David Dawson**
1825 Hillman Rd.
Stockport, OH 43787-9200
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Sent To: **Lisa Page**
2999 South State Rt. 377
Stockport, OH 43787-8912
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Sent To **Ada F. Lyon**
 3125 E. Pike
 Zanesville, OH 43701
 City, State, ZIP+4

PS Form 3800, August 2004

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 13609 Hillsdale
 Sterling Heights, MI 48313-3530
 City, State, ZIP+4

PS Form 3800, August 2004

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 7198 Perys Den Road
 Cumberland, OH 43732
 City, State, ZIP+4

PS Form 3800, August 2004

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Sent To **Peggy G. Sillman**
 49244 Chestnut Hill Ct.
 Shelby Township, MI 48315
 City, State, ZIP+4

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Sent To **Janet L. Tussing**
 2723 Cedar Hill Rd.
 Cuyahoga Falls, OH 44223-1225
 City, State, ZIP+4

PS Form 3800, August 2004

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Sent To **Dorothy Lyon**
 842 N. Main St.
 Malta, OH 43758-9019
 City, State, ZIP+4

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Sent To: Linda S. Lyon
 5258 Norfolk St. Apt. 4
 Lima, OH 45806
 657361 Plugging

PS Form 3800, August 2007

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7014 0150 0001 0654 9584 RH

Sent To: Trans Energy Inc.
 P.O. Box 393
 St. Marys, WV 26170-0393
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7014 0150 0001 0654 9577 RH

Sent To: Gayle Jeanette Williams
 1575 Bowers Lane Apt. A-13
 Zanesville, OH 43701-7033
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7014 0150 0001 0654 9614 RH

Sent To: Ann Anderson & Jay Anderson
 P.O. Box 127
 Oberlin, KS 67749-0127
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7014 0150 0001 0654 9614 RH

Sent To: Peter B. White
 13309 Keating St.
 Rockville, MD 20853-3274
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Restricted Delivery Fee (Endorsement Required)		
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7014 0150 0001 0654 9607 RH

Sent To: Kay Trader
 16527 Haydenville Rd.
 Haydenville, OH 43127
 657361 Plugging

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WV Department of
 Environmental Protection

17031248

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Restricted Delivery Fee (Endorsement Required)		
Total Postage & Fees	\$	

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 BRIDGEPORT MPO
 FEB 25 2015

Sent To: Betty Irene Hedge
 12441 Belle Valley Rd.
 Cumberland, OH 43732-9600
 657361 Plugging

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Return Receipt Fee (Endorsement Required)		
Restricted Delivery Fee (Endorsement Required)		
Total Postage & Fees	\$	

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 BRIDGEPORT MPO
 FEB 25 2015

Sent To: Dorothy Lee Hughes
 392 Carl St.
 Cumberland, OH 43732
 657361 Plugging

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

Postmark Here
 BRIDGEPORT MPO
 FEB 25 2015

Sent To: Wesley Cline
 144 Wallace Rd.
 Wallace, WV 26448
 657361 Plugging

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

Postmark Here
 BRIDGEPORT MPO
 FEB 25 2015

Sent To: James R. Paisley
 1475 St. Rt. 145
 Lower Salem, OH 45745
 657361 Plugging

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1703129P

WW-9
Revised 2/03

Page 1 of 2
2) Operator's Well Number
WV 657361 (Lyon #1873)
3) API Well No.: 47 017 - 03129

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: Skelton Rn of Robinson Fk. Of Buckeye Rn of Mid Is Cr Quadrangle: Salem 7.5'

Elevation: 886 ft County: Doddridge District: McClellan

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 24 day of FEBRUARY, 2018

My Commission Expires 7/27/2018

Notary Public



OFFICIAL SEAL
STATE OF WEST VIRGINIA
NOTARY PUBLIC
Nicholas L. Bumgardner
Rt. 1, Box 4
Liberty, WV 26114

DEPARTMENT OF ENVIRONMENTAL PROTECTION
WV Department of Environmental Protection

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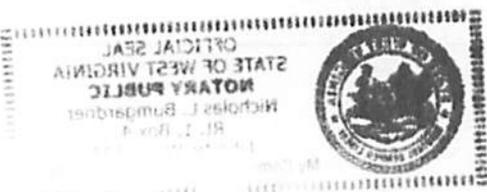
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ADVISOR
STATE OF WEST VIRGINIA

NOTARY PUBLIC
STATE OF WEST VIRGINIA

[Handwritten signature]

[Handwritten text]

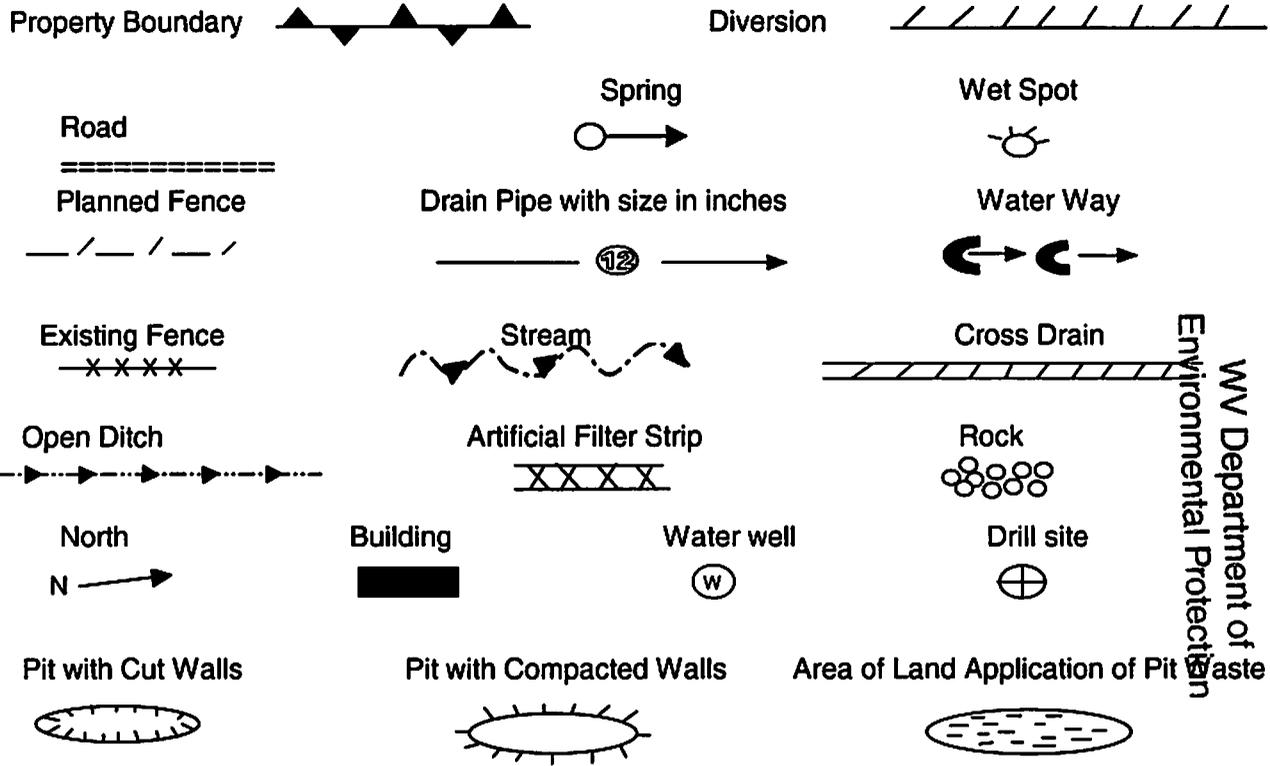


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OPERATOR'S WELL NO.:
WV 657361 (Lyon #1873)

LEGEND



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Environmental Protection

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

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
Red Fescue	40	Red Fescue	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

1703129P

Topo Quad: Salem 7.5'

Scale: 1" = 2000'

County: Doddridge

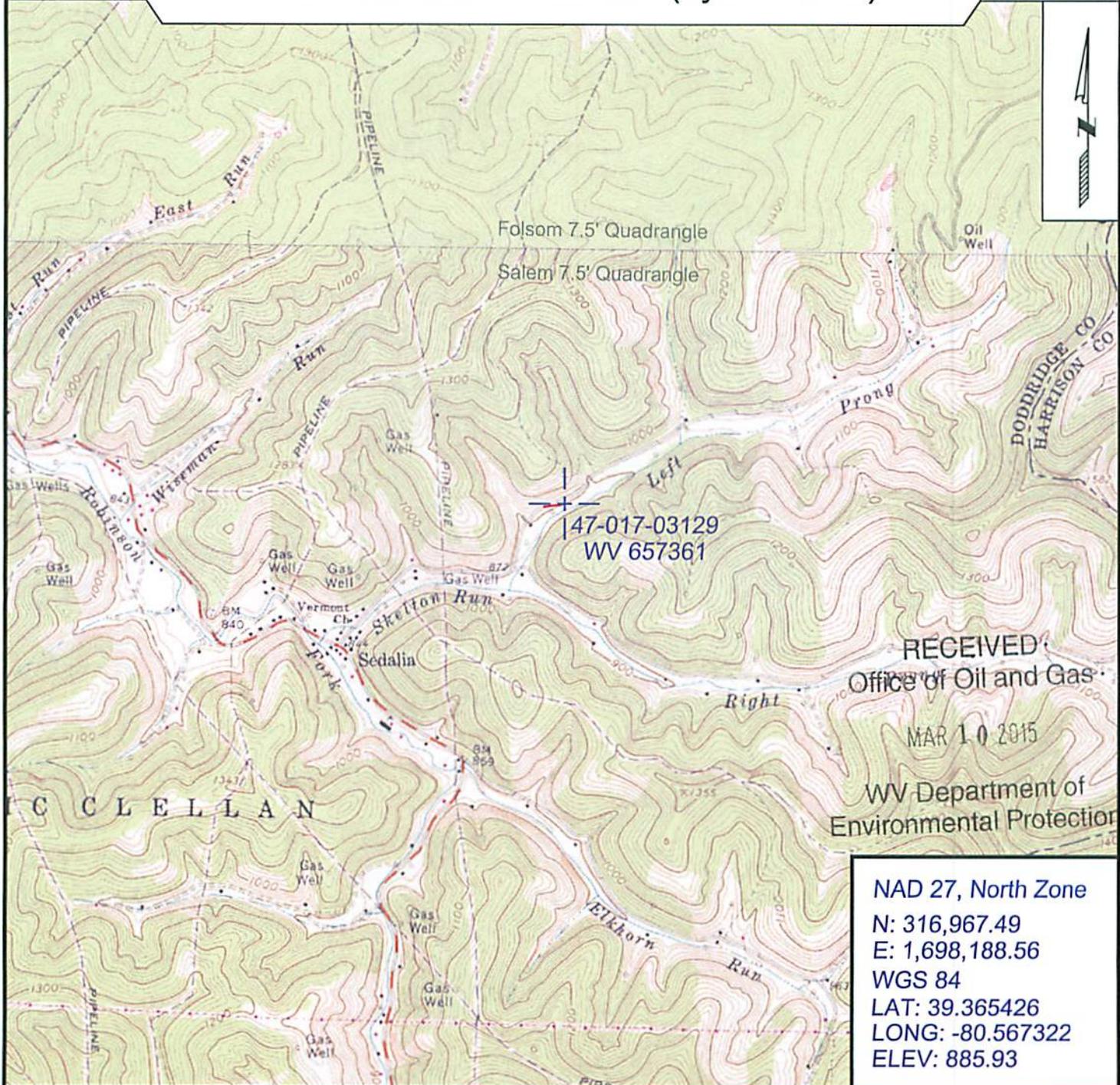
Date: February 18, 2015

District: McClellan

Project No: 67-30-00-08

47-017-03129 WV 657361 (Lyon #1873)

Topo



NAD 27, North Zone
 N: 316,967.49
 E: 1,698,188.56
 WGS 84
 LAT: 39.365426
 LONG: -80.567322
 ELEV: 885.93



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

1703129P

WW-7
8-30-06



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

API: 47-017-03129 WELL NO.: WV 657361 (Lyon #1873)
FARM NAME: John D. Fisher
RESPONSIBLE PARTY NAME: EQT Production Company
COUNTY: Doddridge DISTRICT: McClellan
QUADRANGLE: Salem 7.5'
SURFACE OWNER: Wesley V. Cline
ROYALTY OWNER: Beth Braglin, et al.
UTM GPS NORTHING: 4357419
UTM GPS EASTING: 537273 GPS ELEVATION: 270 m (886 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

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

PS #2180
Title

2/10/15
Date

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Environmental Protection



POTENTIAL WATER SAMPLE DATA SHEET

CLIENT: EQT PRODUCTION COMPANY
 LEASE NAME AND WELL No. Lyon #1873 - WV 657361 - API No. 47-017-03129

POTENTIAL SAMPLE LOCATIONS

Site: 1 Spacing: 570 +/- Owner: Wesley Cline

Address: 144 Wallace Road, Wallace WV, 26448

Phone no. _____

Comments:

Site: 2 Spacing: 310 +/- Owner: Carrie Blake

Address: 314 Wallace Road, Wallace WV, 26448

Phone no. _____

Comments:

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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

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

RANSON OFFICE

401 South Fairfax Blvd, Suite 3
Ranson, WV 25438
phone: 304-724-5008
fax: 304-724-5010

Topo Quad: Salem 7.5' Scale: 1" = 2000'
 County: Doddridge Date: February 18, 2015
 District: McClellan Project No: 67-30-00-08

Water

47-017-03129 WV 657361 (Lyon #1873)



NAD 27, North Zone
 N: 316,967.49
 E: 1,698,188.56
 WGS 84
 LAT: 39.365426
 LONG: -80.567322
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