



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 21, 2015

WELL WORK PERMIT

Re-Work

This permit, API Well Number: 47-1302845, issued to MOUNTAIN V OIL & GAS, INC., 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.

Please be advised that form WR-35, Well Operators Report of Well Work is to be submitted to this office within 90 days completion of permitted well work, as should form WR-34 Discharge Monitoring Report within 30 days of discharge of pits, if applicable. Failure to abide by all statutory and regulatory provisions governing all duties and operations hereunder may result in suspension or revocation of this permit and, in addition, may result in civil and/or criminal penalties being imposed upon the operators.

In addition to the applicable requirements of this permit, and the statutes and rules governing oil and gas activity in WV, this permit may contain specific conditions which must be followed. Permit conditions are attached to this cover letter.

Per 35CSR-4-5.2.g this permit will expire in two (2) years from the issue date unless permitted well work is commenced. If there are any questions, please feel free to contact me at (304) 926-0499 ext. 1654.

James Martin

Chief

Operator's Well No: 10

Farm Name: JONES, DOYLE & CLAUDIA

API Well Number: 47-1302845

Permit Type: Re-Work

Date Issued: 08/21/2015

Promoting a healthy environment.

08/21/2015

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. If the operator encounters an unanticipated void, or an anticipated void at an unanticipated depth, the operator shall notify the inspector within 24 hours. Modifications to the casing program may be necessary to comply with W. Va. Code §22-6-20, which requires drilling to a minimum depth of thirty feet below the bottom of the void, and installing a minimum of twenty (20) feet of casing. Under no circumstance should the operator drill more than fifty (50) feet below the bottom of the void or install less than twenty (20) feet of casing below the bottom of the void.
2. Pursuant to 35 CSR 4-19.1.a, at the request of the surface owner all water wells or springs within 1000 feet of the proposed well that are actually utilized for human consumption, domestic animals or other general use shall be sampled and analyzed.
3. Pursuant to 35 CSR 4-19.1.c, if the operator is unable to sample and analyze any water well or spring with one thousand (1,000) feet of the permitted well location, the Office of Oil and Gas requires the operator to sample, at a minimum, one water well or spring located between one thousand (1,000) feet and two thousand (2,000) feet of the permitted well location.
4. All pits must be lined with a minimum of 20 mil thickness synthetic liner.
5. 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.
6. During the surface casing and cementing process, in the event cement does not return to the surface, or any other casing string that is permitted to circulate cement to the surface and does not return to the surface, the oil and gas inspector shall be notified within twenty-four (24) hours
7. Well work activities shall not constitute a hazard to the safety of persons.
8. Operator shall provide the Office of Oil & Gas notification of the date that drilling commenced on this well. Such notice shall be provided by sending an email to DEPOOGNotify@wv.gov within 30 days of commencement of drilling.

1302845W

WW - 2B
(Rev. 8/10)

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
WELL WORK PERMIT APPLICATION

1) Well Operator Mountain V Oil & Gas, Inc. 310020 Calhoun Lee Arnoldsburg 7.5'
Operator ID County District Quadrangle

2) Operator's Well Number: Meredith Hassig #10 Elevation: 675'

4) Well Type: (a) Oil X or Gas X
(b) If Gas: Production X Underground Storage _____
Deep _____ / Shallow X

5) Proposed Target Formation(s): Injun Proposed Target Depth: 1,860'

6) Proposed Total Depth: 1950' Feet Formation at Proposed Total Depth: Berea

8) Approximate salt water depths: N/A

9) Approximate coal seam depths: N/A

10) Approximate void depths, (coal, karst, other): N/A

11) Does land contain coal seams tributary to active mine? NO

12) Describe proposed well work in Detail To perforate & fracture the Injun formation in existing well bore. See attached for more details

Plug Back Beres to produce Injun

13) CASING AND TUBING PROGRAM

TYPE	SPECIFICATIONS			FOOTAGE INTERVALS		CEMENT
	Size	Grade	Weight per ft	For Drilling	Left in Well	Fill -up (Cu. Ft.)
Conductor	8 5/8"			289	289	200 sks
Fresh Water						
Coal						
Intermediate						
Production	4 1/2"			2292	2292	50 sks
Tubing						
Liners						

Packers: Kind
Sizes
Depths Set

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Office of Oil and Gas

JUN 18 2015

WV Department of
Environmental Protection

08/21/2015

Addendum to WW-2B
Meredith Hassig #10 API 47-013-02845

12) Describe proposed well work in detail:

1. MIRU Service Machine check casing TD
2. MIRU perforator set bridge plug @ 1950' +/- cal seal on plug
3. Load hole with treated water / shut well in
4. Run CCL/Bond Log/Perf with 3 1/8" HSC 1852-1860 (8ft. 16 holes) ★
5. Service Machine swab water off 4 1/2" casing
6. Run 1800' +/- , 2 7/8" P110 open ended with frac packer
7. Set Packer
8. Move in frac equipment and treat as follows:
 - Load hole with 500 gal 15% HCL and water
 - Break down
 - Pad = 50 bbls slick water
 - 1# 30/50 = 20 sks
 - 2# 30/50 = 40 sks
 - 3# 30/50 = 90 sks
 - Flush capacity of 2 7/8" tubing + 10 bbls
9. Release frac equipment
10. Start flow back

★ TO C APPEARS TO BE 1865' FROM RECORDS WHICH O&G PROVIDED. THEREFORE, IF BOND LOG CORROBORATES TO C OF 1865', YOU MUST SQUEEZE CEMENT BEHIND 4 1/2" CASING TO ACCOMODATE YOUR FRACTURE.

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STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Oil and Gas Division

WELL RECORD

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

Quadrangle Arnoldsburg 7.5'

Permit No. Cal-2845

Company <u>PENNZOIL COMPANY</u>	26101	Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Address <u>P. O. Box 1588, Parkersburg, WV</u>					
Farm <u>Meredith & Hassig</u> Acres <u>220</u>					
Location (waters) <u>West Fork of Little Kanawha</u>					
Well No. <u>10</u> Elev. <u>675.39'</u>		Size <u>20-16</u>			
District <u>Lee</u> County <u>Calhoun</u>		Cond. <u>13-10"</u>			
The surface of tract is owned in fee by <u>Randall Whitsett</u>		<u>9 5/8</u>			
Address <u>Rt. 3, Box 740, Arnoldsburg, WV</u>		<u>8 5/8</u>	<u>289'</u>	<u>289'</u>	<u>200 sks.</u>
Mineral rights are owned by <u>Byford H. Stine</u>		<u>7</u>			
Address <u>4502 Staunton Ave., SE, Chas.</u>		<u>5 1/2</u>			
Drilling Commenced <u>10-6-78</u>	WV	<u>4 1/2</u>	<u>2292'</u>	<u>2292'</u>	<u>50 sks.</u>
Drilling Completed <u>10-10-78</u>		<u>3</u>			
Initial open flow _____ cu. ft. _____ bbls.		<u>2</u>			
Final production _____ cu. ft. per day _____ bbls.		Liners Used			
Well open _____ hrs. before test _____ RP.					

Well treatment details:

Attach copy of cementing record.

Fractured 10-26-78 w/159BW, 1500# 20/40 sd., 250 Gal. 15% HCL

Water Injection Well

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

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Shaley Sand			0	258		
Sand			258	292		
Shale			292	372		
Sand			372	410		
Shale			410	582		
Sand			582	600		
Shale & Silt			600	970		
Sand			970	982		
Shale			982	1022		
Sandstone			1022	1180		
Shale			1180	1214		
Sand			1214	1248		
Shale			1248	1292		
Sandstone			1292	1310		
Shale & Silt			1310	1488		
Sand			1488	1604		
Siltstone			1604	1680		
Little Lime			1680	1708		
Pencil Cave			1708	1714		
Big Lime			1714	1848		
Big Injun			1848	1864		
Shale			1864	2218		
Coffee Shale			2218	2234		
Berea			2234	2254		

08/21/2015

(over)

* Indicates Electric Log tops in the remarks section.

PROVIDED BY O O & G

1302845W

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	Remarks
Shale			2254	2310		
Total Depth				2310		
Plug Back Depth				2278		

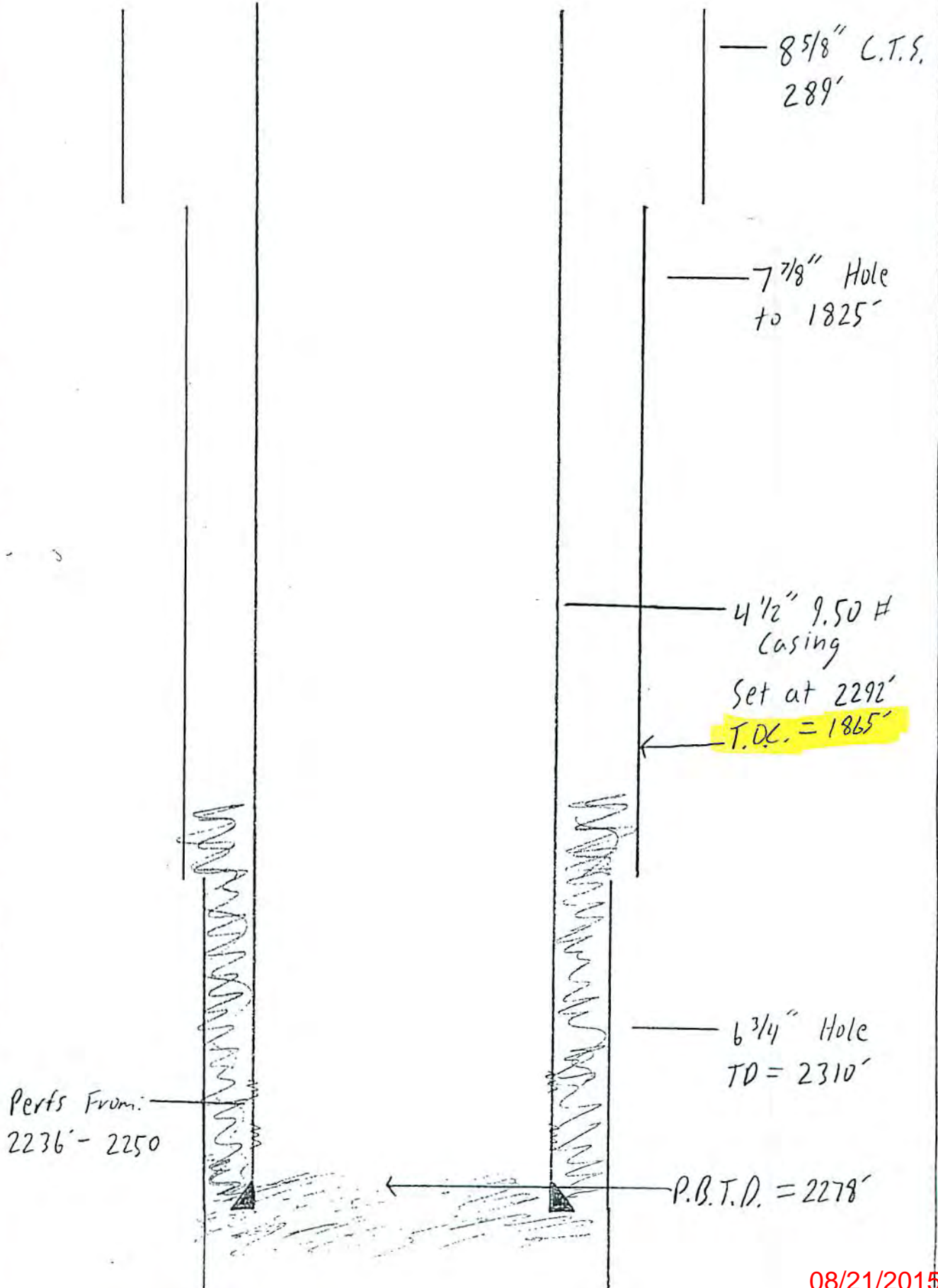
08/21/2015

Date March 29, 19 79

APPROVED PENNZOIL COMPANY Owner

By *Curtis A. Reiman*
(Title)

CAMPAD



PROVIDED BY O&G

UIC - IR - 1
April 15, 2008

API: 47- 1302845
UIC Permit ID: 2R08701AP
UIC Permit #: 1

WEST VIRGINIA DIVISION OF ENVIRONMENTAL PROTECTION
SECTION OF OIL AND GAS
UNDERGROUND INJECTION CONTROL PROGRAM

UIC ROUTINE INSPECTION FORM

Operator: TRIAD RESOURCES, INC.
Farm Name: MEREDITH & HASSIG
Well Number: 10

WELL DATA

County: Calhoun Latitude: 38° 52 min 30 sec 6000 feet
District: Center Longitude: -81° 12 min 30 sec 7300 feet
Quad Number: 408 Quad Name: INWOOD Arnold's land
Well Status: Active Well Well Status: _____
Well Use Type: Liquid Injection Date of Last Inspection: Sep 21, 2004
Fluid Type: Fresh Water
Comments: no flow no pressure 800#

Elevation: 675 feet
Fresh water Casing: 8 5/8 in. @ 299 ft./ 200 (sks)
Injection Casing: 4 1/2 in. @ 2293 ft./ 50 (sks)
Injection Formations:
#1 - Berea Sandstone - Top @ 2234 ft./Bottom @ 2254 ft.
MIT Test Type: Casing/tubing pressure passed
MIT Test Date: Aug 29, 1996

WELL OPERATION

Surface Injection Pressure: 950 Psi Gauged: 750 #
Injection Rate: 150 Barrels/Hr. Observed: No meter
Annulus Monitoring: Size: 8 5/8 Size: _____
Flow or Pressure: No Flow No Pressure

COMMENTS:

Signed: [Signature]
District Oil and Gas Inspector

Date: 4/22/08

CK# 48219
650.00

1) Date: June 1, 2015 1302845W
2) Operator's Well Number
Meredith Hassig #10

3) API Well No.: 47 - 013 - 02845
State County Permit

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
NOTICE AND APPLICATION FOR A WELL WORK PERMIT

4) Surface Owner(s) to be served:
(a) Name S. Michael Shaver ET AL
Address PO Box 470 W A
Bridgeport, WV 26330
(b) Name _____
Address _____
(c) Name _____
Address _____

5) (a) Coal Operator
Name _____
Address _____
(b) Coal Owner(s) with Declaration
Name Peggy Stemple
Address 10749 Altizer Rd. W
Arnoldsburg, WV 25234
Name _____
Address _____

6) Inspector Ed Gainer
Address PO Box 821
Spencer, WV 26201
Telephone 304-389-7582

(c) Coal Lessee with Declaration
Name _____
Address _____

TO THE PERSONS NAMED ABOVE TAKE NOTICE THAT:

Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil and gas

OR
X Included is the information required by Chapter 22, Article 6, Section 8(d) of the Code of West Virginia (see page 2)

I certify that as required under Chapter 22-6 of the West Virginia Code I have served copies of this notice and application, a location plat, and accompanying documents pages 1 through ___ on the above named parties by:

- XX Personal Service (Affidavit attached)
- XX Certified Mail (Postmarked postal receipt attached)
- _____ Publication (Notice of Publication attached)

I have read and understand Chapter 22-6 and 35 CSR 4, and I agree to the terms and conditions of any permit issued under this application.

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, 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 and imprisonment.

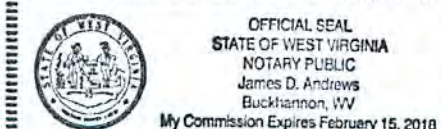
Well Operator
By: _____
Address _____
Telephone _____

Subscribed and sworn before me this 16th day of June, 2015

My Commission Expires 2-15-2018

Oil and Gas Privacy Notice

The office of Oil and Gas Processes your personal information, such as name, address and phone number, as a 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 depprivacyoffier@wv.gov.



Mountain V Oil & Gas, Inc.
Mike Shaver
President
P.O. Box 470
Bridgeport, WV 26330
(304) 842-6320

RECEIVED
Office of Oil and Gas
JUN 18 2015
2015 WV Department of Environmental Protection

SENDER: COMPLETE THIS SECTION **COMPLETE THIS SECTION ON DELIVERY**

- 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:

Peggy Stemple
 10749 Altizer Road
 Arnoldsburg, WV 25234

A. Signature
x. Peggy Stemple Agent Addressee

B. Received by (Printed Name) *PEGGY W. STEMPLE* C. Date of Delivery *6/5/15*

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

Meredith Hassig #10 Permit

2. Article Number (Transfer from service label) **7011 0470 0002 7543 1233**

3. Service Type
 Certified Mail Express Mail
 Registered Return Receipt for Merchandise
 Insured Mail C.O.D.

4. Restricted Delivery? (Extra Fee) Yes

RECEIVED
 Office of Oil and Gas
 JUN 18 2015
 WV Department of
 Environmental Protection

WW-2A Surface Waiver

SURFACE OWNER WAIVER

County Calhoun Operator Mountain V Oil & Gas, Inc. Operator well number Meredith Hassig #10

INSTRUCTIONS TO SURFACE OWNERS NAMED ON PAGE WW2-A

The well operator named on page WW2A is applying for a permit from the State to do oil or gas well work. (Note: If the surface tract is owned by more than three persons, then these materials were served on you because your name appeared on the Sheriff's tax ticket on the land or because you actually occupy the surface tract. In either case, you may be the only owner who will actually receive these materials.) See Chapter 22 of the West Virginia Code. Well work permits are valid for 24 months. If you do not own any interest in the surface tract, please forward these materials to the true owner immediately if you know who it is. Also, please notify the well operator and the Office of Oil and Gas.

NOTE: YOU ARE NOT REQUIRED TO FILE ANY COMMENT.

WHERE TO FILE COMMENTS AND OBTAIN ADDITIONAL INFORMATION:

Chief, Office of Oil and Gas
Department of Environmental Protection
601 57th St. SE
Charleston, WV 25304
(304) 926-0450

Time Limits and methods for filing comments. The law requires these materials to be served on or before the date the operator files his Application. You have FIFTEEN (15) DAYS after the filing date to file your comments. Comments must be filed in person or received in the mail by the Chief's office by the time stated above. You may call the Chief's office to be sure of the date. Check with your postmaster to ensure adequate delivery time or to arrange special expedited handling. If you have been contacted by the well operator and you have signed a "voluntary statement of no objection" to the planned work described in these materials, then the permit may be issued at any time.

Comments must be in writing. Your comments must include your name, address and telephone number, the well operator's name and well number and the approximate location of the proposed well site including district and county from the application. You may add other documents, such as sketches, maps or photographs to support your comments.

The Chief has the power to deny or condition a well work permit based on comments on the following grounds:

- 1) The proposed well work will constitute a hazard to the safety of persons.
2) The soil erosion and sediment control plan is not adequate or effective;
3) Damage would occur to publicly owned lands or resources;
4) The proposed well work fails to protect fresh water sources or supplies;
5) The applicant has committed a substantial violation of a previous permit or a substantial violation of one or more of the rules promulgated under Chapter 22, and has failed to abate or seek review of the violation.

If you want a copy of the permit as it is issued or a copy of the order denying the permit, you should request a copy from the Chief.

List of Water Testing Laboratories. The Office maintains a list of water testing laboratories which you can hire to test your water to establish water quality prior to and after drilling. Contact the Chief to obtain a copy.

VOLUNTARY STATEMENT OF NO OBJECTION

I hereby state that I have read the instructions to surface owners and that I have received copies of a permit Application for a Well Work Permit on Form WW2-A, and attachments consisting of pages 1 through 10 including a work order on Form WW2-B, a survey plat, and a soil and erosion plan, all for proposed well work on my surface land as described therein.

I further state that I have no objection to the planned work described in these materials, and I have no objection to a permit being issued on those materials.

FOR EXECUTION BY A NATURAL PERSON

FOR EXECUTION BY A CORPORATION, ETC.

Signature Date

Company Name Mike Ross Inc. By Mike Ross Date 8-3-12

Print Name

Signature Date

08/21/2015

WW-70
Rev. 7/01

Affidavit of Personal Service

State Of West Virginia

County Of Harrison

The undersigned, being first duly sworn, says that the undersigned served a true and complete copy of all sides of--

- (1) Notice on Form WW-2(A)___/ WW-3(A)___/ WW-4(A)___/ WW-5(A)___/ WW-6(A)___
- (2) Application on Form WW-2(B)___/ WW-3(B)___/ WW-4(B)___/ WW-5(B)___/ WW-6(B)___
- (3) Plat showing the well location on Form WW-6, and
- (4) Construction and Reclamation Plan on Form WW-9

--all with respect to operator's Well No. Meredith & Hassig #10 located in Lee District, Cathoun County, West Virginia, upon the person or organization named--

S. Michael Shaver

--by delivering the same in Harrison County, State of West Virginia on the 2nd day of June, 2015 in the manner specified below.

[COMPLETE THE APPROPRIATE SECTION]

For an individual:

Handing it to him X / her ___ / or, because he ___ / she ___ / refused to take it when offered it, by leaving it in his ___ / her ___ / presence.

Handing it to a member of his or her family above the age of 16 years named _____ who resides at the usual place of abode of the person to be served, and asking the family member to give it to the person to be served as soon as possible.

For a partnership:

Handing it to _____, a partner of the partnership or, because the partner refused to take it when I handed it over, by leaving it in the presence of the partner.

For a limited partnership:

Handing it to the general partner, named _____, or, because the general partner refused to take it when I tried to hand it over, by leaving it in the presence of the general partner.

For a corporation:

Handing it to the corporation's employee ___ / officer ___ / director ___ / attorney in fact ___ / named _____.

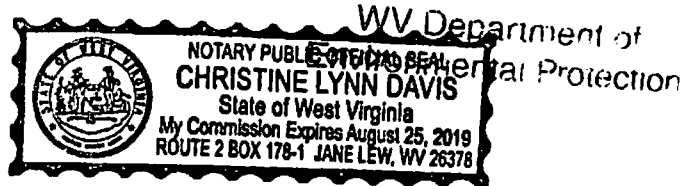
[Signature]
(Signature of person executing service)

Taken, subscribed and sworn before me this 8 day of June 2015.
My commission expires August 25, 2019

Christine Lynn Davis
Notary Public
RECEIVED
Office of Oil and Gas

(AFFIX SEAL IF NOTARIZED OUTSIDE THE STATE)

JUN 18 2015



08/21/2015

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Operator well number Meredith Hassig #10

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I further state that I have no objection to the planned work described in these materials, and I have no objection to a permit being issued on those materials.

FOR EXECUTION BY A NATURAL PERSON
[Signature] Date 6-3-15
Signature

S. Mikel Stover
Print Name

FOR EXECUTION BY A CORPORATION, ETC.
Company Name RECEIVED
By Office of Oil and Gas
Its _____ Date _____
JUN 18 2015

Signature WV Department of Date _____
Environmental Protection 08/21/2015

COAL OPERATOR, OWNER, OR LESSEE WAIVER

County Calhoun

Operator Mountain V Oil & Gas, Inc. Operator's Well Number Meredith Hassig #10

INSTRUCTIONS TO COAL OPERATOR, OWNER, OR LESSEE

To the coal operator, owner, or lessee named on page WW2-A. You are hereby notified that any objection you wish to make or are required to make by Code 22-6-15, 16 or 17, must be filed with the Chief of the Office of Oil and Gas within fifteen (15) days after the receipt of this application by the Office. Mail objections to:

Chief, Office of Oil and Gas
Department of Environmental Protection
601 57th St. SE
Charleston, WV 25304
(304) 926-0499 extension 1654

WAIVER

The undersigned coal operator _____ / owner X / lessee _____ / of the coal under this well location has examined this proposed well location. If a mine map exists which covers the area of well location, the well location has been added to the mine map. The undersigned has no objection to the work proposed to be done at this location, provided, the well operator has complied with all applicable requirements of the West Virginia Code and the governing regulations.

FOR EXECUTION BY A NATURAL PERSON

Peggy W Stemple Date 6-5-2015
Signature

FOR EXECUTION BY A CORPORATION, ETC.

Company Name _____
By _____
Its _____
Date _____

Signature

Date

RECEIVED
Office of Oil and Gas

JUN 18 2015

WV Department of
Environmental Protection

WW-2A1
(Rev. 8/02)

Operator's Well Number Meredith Hassig #10

INFORMATION SUPPLIED UNDER WEST VIRGINIA CODE
Chapter 22, Article 6, Section 8(d)
IN LIEU OF FILING LEASE(S) AND OTHER CONTINUING CONTRACT(S)

Under the oath required to make the verification on page 1 of this Notice and Application, I depose and say that I am the person who signed the Notice and Application for the Applicant, and that –

- (1) the tract of land is the same tract described in this Application, partly or wholly depicted in the accompanying plat, and described in the Construction and Reclamation Plan;
- (2) the parties and recordation data (if recorded) for lease(s) or other continuing contract(s) by which the Applicant claims the right to extract, produce or market the oil or gas are as follows:

Grantor, lessor, etc.	Grantee, lessee, etc.	Royalty	Book/Page
C.S. Meredith ET AL	Carter Oil Company	1/8 th	LB 31/256

- C.S. Meredith, ET AL, leased to Carter Oil Co. dated November 8, 1901, recorded in Book 31 at page 256.
- Carter Oil Co. assigns all right title and interest to Pennzoil Company.
- Pennzoil Company assigns to Pennzoil Products Company dated October 28, 1986, recorded in Book 193 at page 611.
- Pennzoil Products Company assigns to Pennzoil Exploration & Production dated April 13, 1998, recorded in Book 202 at page 115.
- Pennzoil Exploration & Production assigns to Energy Acquisition Corp. dated October 26, 1998, recorded in Book 212 at page 238.
- Energy Acquisition Corp. assigns to Triad Energy Corp. dated April 19, 2002, recorded in Book 213 at page 23.
- Triad Hunter, LLC assigns to Gas Quest, LLC and Mike Ross Inc., dated November 12, 2014, recorded in Book 141 at page 141.

SEE ATTACHED AGREEMENTS

**Acknowledgement of Possible Permitting/Approval
In Addition to the Office of Oil and Gas**

The permit applicant for the proposed well work addressed in this application hereby acknowledges the possibility of the need for permits and/or approvals from local, state, or federal entities in addition to the DEP, Office of Oil and Gas, including but not limited to the following:

- WV Division of Water and Waste Management
- WV Division of Natural Resources WV Division of Highways
- U.S. Army Corps of Engineers
- U.S. Fish and Wildlife Services
- County Floodplain Coordinator

The applicant further acknowledges that any Office of Oil and Gas permit in no way overrides, replaces, or nullifies the need for other permits/approvals that may be necessary and further affirms that all needed permits/approvals should be acquired from the appropriate authority before the affected activity is initiated.

Well Operator: Mountain V Oil & Gas, Inc.

By: Mike Shaver

Its: President

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AUG 14 2015

WV Department of
Environmental Protection

08/21/2015

WW-2B: Work Order Attachment

1. RIH with 1 ½ " tubing to TD of 4506'.
2. Circulate 6% gel.
3. Set Class A1 Cement Plug from 4506' to 4180'. (Benson)
4. Cut 3 ½" tubing at 4100'. Set 100' Class A1 Cement plug from 4150' to 4050'.
5. Set 100' Class A1 Cement plug across fifth sand from 2426' to 2326'.
6. Set 100' Class A1 Cement plug from 2015' to 1915' at bottom of 6" casing.
7. Set 100' Class A1 Cement plug from 1537' to 1437' at bottom of 8" casing.
8. Set Class A1 Cement plug from 1874' (Gantz) to surface.
9. Will perforate casing at Injun and set 100' Class A1 Cement plug from 1690' 1590'.
10. 6% Gel spacers between all cement plugs.
11. Erect a monument per WV State Code.

West Virginia Department of Environmental Protection
Office of Oil and Gas

NOTICE TO SURFACE OWNERS

The well operator named below is preparing to file for a permit from the state to drill a new well. Before a well work permit can be filed with the Chief of the Office of Oil and Gas, the well operator is required to have given notice of the right to request water well or spring analytical testing. This notice shall be given to the owners or occupants of land which have a water well or spring being utilized for human consumption, domestic animals, or other general use and which is located within 1000 feet of the proposed well site.

With this form, the operator is giving you notice of your right to request analytical testing. The operator is required to sample and analyze the water wells or springs of all owners or occupants who request it. Therefore, if you wish to have your water well or spring tested, contact the operator named below.

All sampling shall be completed prior to drilling. Within thirty (30) days of the receipt of such sample analyses the operator shall submit the results to the Chief of the Office of Oil and Gas and to the owners or occupants who may have requested them.

If no water well or spring is located within 1000 feet, the Chief may require the operator to sample and analyze water from a water well or spring within 2000 feet of the proposed well site.

Be advised, you have the right to sample and analyze any water supply at your own expense.

The laboratory used by the operator to analyze the samples will be approved by the Chief. The operator named below has decided to use the following laboratory to analyze the water samples:

XX Contractor Name Angle Right Land Surveying, LLC – Reliance Laboratories
 Well operator's private laboratory

Well Operator Mountain V Oil & Gas, Inc.
Address P.O. Box 470
Bridgeport, WV 26330
Telephone (304) 842-6320

FOR OPERATOR'S USE ONLY: Below, or on an attached page, list those persons which were given this notice. Place an asterisk beside the one(s) that contacted you and requested sampling and analyses. If there were no requests made, indicate by underling which one you have selected to sample and analyze. If there are no water wells or springs within 1000 feet of the proposed site please indicate such.

Note: There appears to be no potable water sources within 1000';
Therefore, no test will be run.

XX There appears to be ZERO (0) potable water sources within 1000';
Therefore, test will be offered and samples taken as required.

*See Attached

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Office of Oil and Gas

JUN 18 2015

WV Department of
Environmental Protection

08/21/2015

MEMBERSHIP EXCHANGE AGREEMENT

THIS MEMBERSHIP EXCHANGE AGREEMENT (this "Agreement") is made and entered into as of the 1 day of October, 2014, by and among Mountain V Oil & Gas, Inc., a West Virginia corporation, having its principal office at 104 Heliport Road, Bridgeport, West Virginia 26330 (hereinafter called "Mountain V"); S. Michael Shaver, an individual (the "Exchanging Member") who owns all of the outstanding membership interest of GasQuest, LLC., a West Virginia limited liability company (hereinafter called "GasQuest").

RECITALS:

WHEREAS, the Exchanging Member owns all of the outstanding membership interest in GasQuest and is a party to the GasQuest Operating Agreement; and

WHEREAS, the Company is classified, for purposes of federal income taxation, as a disregarded entity because it has only one owner; and

WHEREAS, on the terms and conditions set forth in this Agreement, the Exchanging Member desires to exchange shares of stock of Mountain V for his entire membership interest in GasQuest which will make Mountain V the sole owner of GasQuest and thus under the terms of the Internal Revenue Code make GasQuest a wholly owned subsidiary and for tax purposes a disregarded entity of Mountain V; and

WHEREAS, in connection with the exchange of the Redeemed Member's Interest (the "Exchange"), the Company and the Exchanging Member desire to memorialize the rights, duties, and obligations of each after the Exchange.

NOW, THEREFORE, in consideration of these premises, and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, it is agreed that the statements set forth in the recitals above are true and correct and are incorporated herein and made a part hereof, and that the parties hereto agree as follows:

1. EXCHANGE OF THE MEMBERSHIP INTEREST.

(a) Upon the terms and subject to the conditions set forth in this Agreement, the Exchanging Member agrees to exchange his entire membership interest in GasQuest in return for one hundred (100) shares of newly issued common voting stock in Mountain V.

(b) At the Closing which shall be held as soon as possible:

- (i) Mountain V shall deliver to the Exchanging Member a certificate for the one hundred (100) shares of common voting stock, fully paid and non-assessable; and
- (ii) the Exchanging Member shall deliver to Mountain V a bill of sale for one hundred percent (100%) of the outstanding membership interests in GasQuest.

2. REPRESENTATIONS AND WARRANTIES OF EXCHANGING MEMBER

Effective as of the date of this Agreement and as of the effective date, Exchanging Member represents and warrants to Mountain V as follows:

- (a) the Exchanging Member is not in default or breach of the Operating Agreement;
- (b) the Exchanging Member is not under any current or future obligation to contribute capital to GasQuest;
- (c) this Agreement shall not result in the breach of any agreement to which the Exchanging Member is a party;
- (d) the Exchanging Member has obtained all requisite and necessary consents, approvals, or other assurances for it to enter into this Agreement including, without limitation, the consent required under any other agreement to which Exchanging Member is a party;
- (e) GasQuest is duly formed, validly existing, and in good standing under the laws of the State of West Virginia and is duly authorized and qualified to do all things required of it under this Agreement and any agreement executed in connection with the transactions herein contemplated;
- (f) all tax returns and information returns required to be filed by GasQuest have been accurately prepared in all material respects and timely filed and all taxes for which GasQuest may be held liable (including but not limited to employment tax returns, sales tax returns, excise tax returns, and any other returns due to federal, state, local or foreign taxing authorities) have been paid or accrued within the prescribed period or any extension thereof;
- (g) Exchanging Member is not a "foreign person" within the meaning of Code § 1445 and will furnish Mountain V with an affidavit that will satisfy the requirements of Code § 1445(b)(2) upon the written request of Mountain V; and
- (h) Exchanging Member is not a party to litigation or any similar proceeding in which a charging order against the Membership Interest of the Exchanging Member has been sought or awarded; and
- (i) to the best of Exchanging Member's knowledge, there is no outstanding litigation or other proceeding existing or threatened with respect to GasQuest or any membership interest in GasQuest.

3. REPRESENTATIONS AND WARRANTIES OF MOUNTAIN V

Mountain V represents and warrants to the Exchanging Member as follows:

(a) Mountain V is acquiring the Exchanging Member's entire membership interest in GasQuest for its own account and not on behalf of any other person;

(b) Mountain V is duly formed, validly existing, and in good standing under the laws of the State of West Virginia and is duly authorized and qualified to do all things required of it under this Agreement and any agreement executed in connection with the transactions herein contemplated;

(c) the shares of voting common stock to be issued to the Exchanging Member under the terms of this Agreement are fully paid and non-assessable and are not subject to any claims; and

(d) neither the issuance of the voting common stock to the Exchanging Member nor the receipt of the entire membership interest of GasQuest by Mountain V nor any other action to be taken under this Agreement by the parties will terminate the status of or the election by Mountain V to be taxed as a subchapter S corporation under the terms of the Internal Revenue Code.

4. SOLVENCY OF GASQUEST

Each of GasQuest and the Exchanging Member represent and agree that:

(a) the assets of the GasQuest exceed its current liabilities; and

(b) GasQuest is fully able to meet its debts and obligations as they come due in the ordinary course of business, which determination is based upon a review of Gas Quest's financial records as of the effective date of this Agreement.

5. MUTUAL RELEASE

As of the effective date of this Agreement and except as with respect to representations, warranties, indemnities, and covenants contained in this Agreement each of GasQuest and the Exchanging Member (collectively with any of their heirs, executors, administrators, personal representatives, successors, and assigns) hereby releases the other (each, for purposes of this Section 5, an "Exculpated Party") from any and all Claims that either GasQuest or Exchanging Member ever had, now has or hereafter can, shall, or may have against any Exculpated Party for, upon, or by reason of: (i) any matter, cause, or thing whatsoever from the beginning of the world to the date of this Agreement; and (ii) any matter, cause or thing whatsoever which arises from and after the date of this Agreement, including, without limitation, any matter or thing arising from or in connection with the operating agreement or any transaction entered into by the GasQuest.

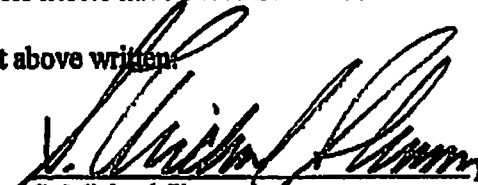
6. INCOME TAX MATTERS

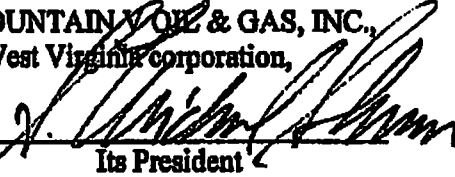
(a) The Exchanging Member shall have the right to receive information in connection with the GasQuest's tax returns necessary for the Exchanging Member to protect the Exchanging Member's interest and to comply with law and regulations.

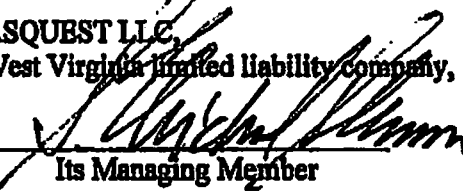
7. WITHDRAWAL AND RESIGNATION

As of the effective date of this Agreement, the Exchanging Member withdraws as and ceases to be a member and resigns all positions in Gas Quest as a manager, officer, or other agent of GasQuest, except to the extent that the Exchanging Member may become a representative of Mountain V to serve as the manager, officer, or other agent of GasQuest at the direction of Mountain V.

IN WITNESS WHEREOF the parties hereto have executed or caused this Agreement to be executed in its behalf as of the date first above written:


S. Michael Shaver

MOUNTAIN V OIL & GAS, INC.,
a West Virginia corporation,
By 
Its President

GASQUEST LLC,
a West Virginia limited liability company,
By 
Its Managing Member

Mike Ross, Inc.

PO Box 219, Coalton, WV 26257 Phone (304) 472-4289 Fax (304) 472-7405

August 18, 2015

Jeff McLaughlin
DEP State of WV

To Whom It May Concern:

Mike Shaver; as part owner in Jackson Fuel Corporation and the Triad Hunter wells acquired by Gas Quest, LLC a subsidiary of Mountain V Oil & Gas, Inc. and Mike Ross Inc. has the authority to apply for permits and to conduct other business in these company names.

Sincerely,


Mike Ross, President

08/21/2015

1302845 W

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

CONSTRUCTION AND RECLAMATION PLAN AND SITE REGISTRATION APPLICATION FORM
GENERAL PERMIT FOR OIL AND GAS PIT WASTE DISCHARGE

Operator Name Mountain V Oil & Gas, Inc. OP Code 310020

Watershed West Fork of the Little Kanawha Quadrangle Arnoldsburg 7.5'

Elevation 675' County Calhoun District Lee

Description of anticipated Pit Waste: Fluids associated with perforation and stimulation of well

Do you anticipate using more than 5,000 bbls of water to complete the proposed well work? Yes No

Will a synthetic liner be used in the pit? Yes What ml.? 20 Mil

Proposed Disposal Method For Treated Pit Wastes:

- Land Application
- Underground Injection (UIC Permit Number _____)
- Reuse (at API Number _____)
- Off Site Disposal (Supply form WW-9 for disposal location)
- Other (Explain _____)

Drilling Medium anticipated for this well? Air, Freshwater, oil based, etc. N/A

-If oil based, what type? Synthetic, petroleum, etc. _____

Additives to be used? _____

Drill cuttings disposal method? Leave in pit, landfill, removed offsite, etc. Leave in Pit

-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 term 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 *Mike Shaver*

Company Official (Typed Name) Mike Shaver

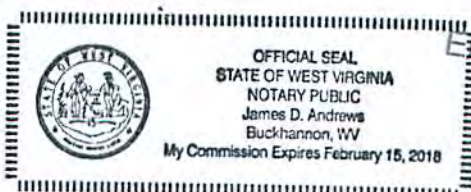
Company Official Title President

Subscribed and sworn before me this 16th day of June, 20 15

[Signature] Notary Public

My commission expires 2-15-2018

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JUN 18 20:5
WV Department of
Environmental Protection



08/21/2015

1302845W

LEGEND

- Property Boundary
- Road
- Existing Fence
- Planned Fence
- Stream
- Open Ditch
- Rock
- North
- Buildings
- Water wells
- Drill site

- Diversion
- Spring
- Wet Spot
- Drain Pipe with size in inches
- Waterway
- Cross Drain
- Artificial Filter Strip
- Pit: cut walls
- Pit: compacted fill walls
- Area for Land Application of Pit Waste

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) 1/2 ton lbs/acre (500 lbs minimum)

Mulch Hay 2 Tons/acre

Seed Mixtures

Seed Type	Area I	lbs/acre	Seed Type	Area II	lbs/acre
<u>Meadow Mix</u>		<u>40</u>	<u>Orchard Grass</u>		<u>15</u>
<u>Alsike Clover</u>		<u>5</u>	<u>Alsike Clover</u>		<u>5</u>
<u>Annual Rye</u>		<u>15</u>			

Attach:
Drawing(s) of road, location, pit and proposed area for land application.

Photocopied section of involved 7.5' topographic sheet.

Plan Approved by:

Comments: _____

Title: Inspector Date: 6/9/15

Field Reviewed? Yes No

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Office of Oil and Gas
JUN 18 2015
WV Department of
Environment **08/21/2015**

1302845W

MEREDITH & HASSIG LEASE WELL NO. 10 47-013-2845

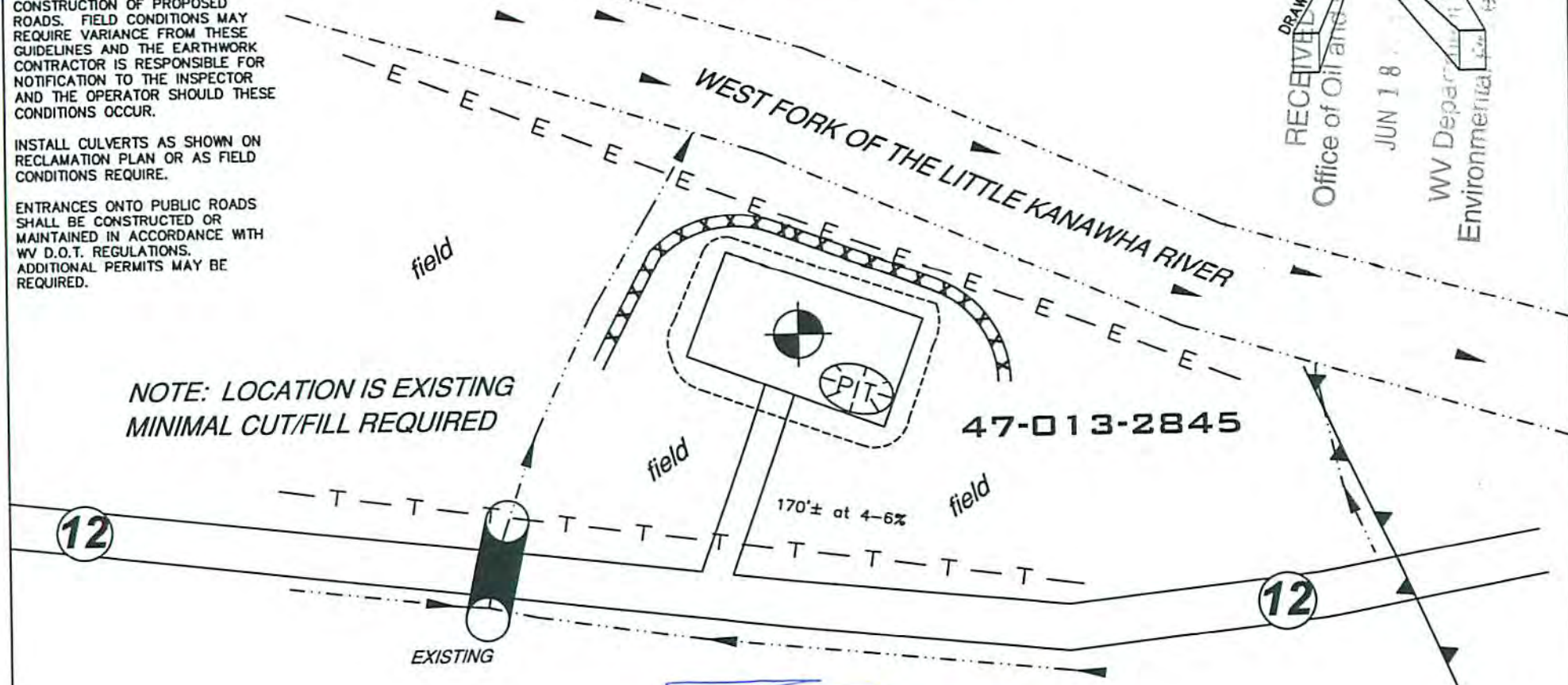
REFERENCE IS HEREBY MADE TO THE WV D.E.P. OFFICE OF OIL & GAS, "EROSION AND SEDIMENT CONTROL FIELD MANUAL" FOR REQUIREMENTS AND BMPs FOR AVERAGE FIELD CONDITIONS CONCERNING THE MAINTENANCE OF EXISTING ROADS AND THE CONSTRUCTION OF PROPOSED ROADS. FIELD CONDITIONS MAY REQUIRE VARIANCE FROM THESE GUIDELINES AND THE EARTHWORK CONTRACTOR IS RESPONSIBLE FOR NOTIFICATION TO THE INSPECTOR AND THE OPERATOR SHOULD THESE CONDITIONS OCCUR.

INSTALL CULVERTS AS SHOWN ON RECLAMATION PLAN OR AS FIELD CONDITIONS REQUIRE.

ENTRANCES ONTO PUBLIC ROADS SHALL BE CONSTRUCTED OR MAINTAINED IN ACCORDANCE WITH WV D.O.T. REGULATIONS. ADDITIONAL PERMITS MAY BE REQUIRED.

RECEIVED
Office of Oil and Gas
JUN 18
WV Department of Environmental Protection
DRAWING NOT TO SCALE

WW-9



NOTE: LOCATION IS EXISTING
MINIMAL CUT/FILL REQUIRED

47-013-2845

12

12

EXISTING

[Handwritten signature]
6/9/15

TEMPORARILY SEED AND
MULCH ALL SLOPES UPON
CONSTRUCTION OF LOCATION.

ALL TREES 6-INCHES AND
ABOVE ARE TO BE CUT AND
STACKED. BRUSH SLASHINGS
ARE TO UTILIZED DOWN
SLOPE OF SITE AND
STRUCTURES TO ACT AS A
CONTROL BARRIER IF
AVAILABLE.



ANGLE RIGHT
LAND SURVEYING, LLC.
P.O. BOX 681
GRANTSVILLE, WV 26147
(304) 354-0065
angleright@frontiernet.net

PAGE OF

DATE: 05/18/2015

PROJECT NO: 150616

DRAWN BY: T.A.S.

1302845W

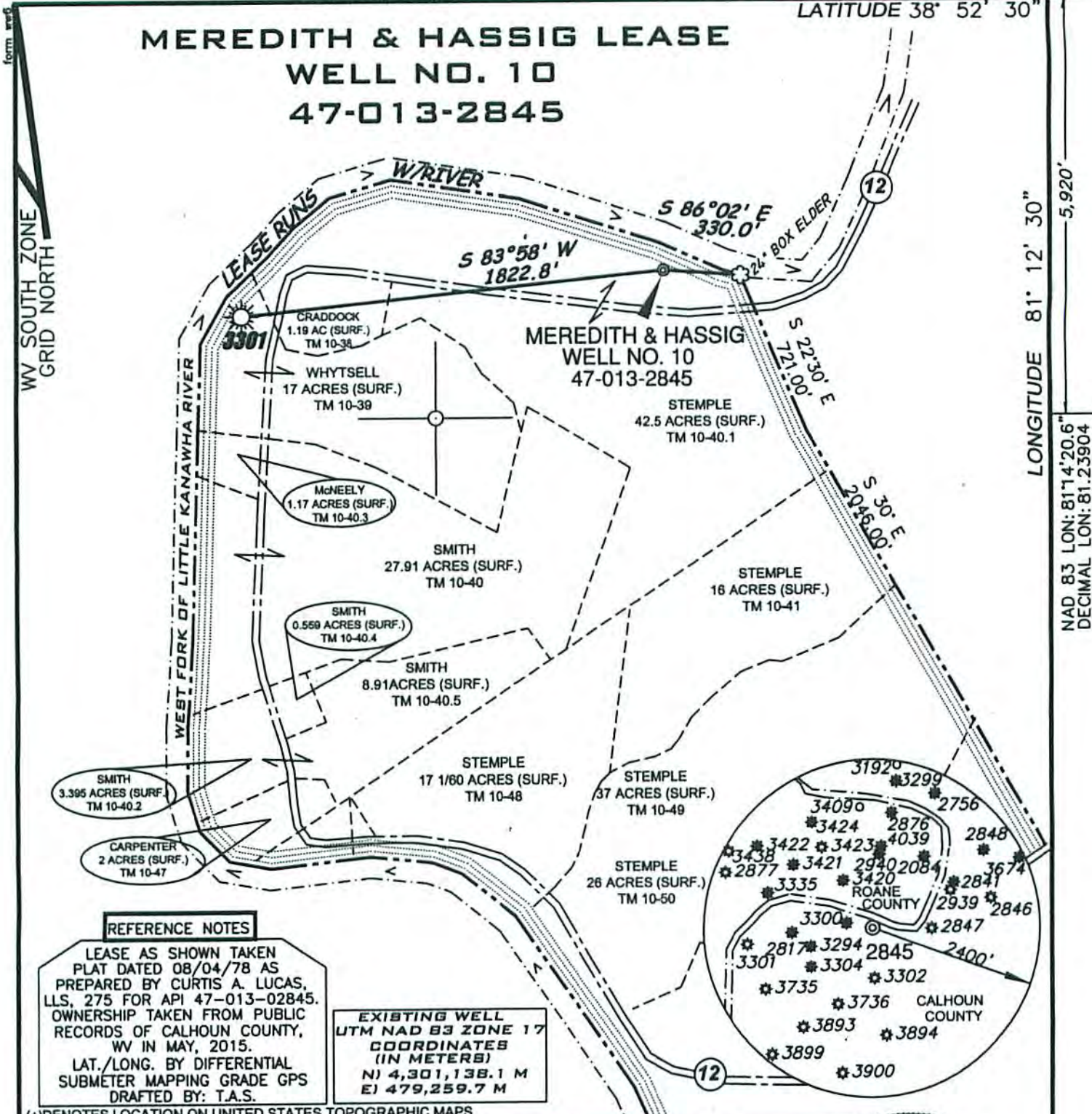
NAD 83 LAT: 38°51'31.8"
DECIMAL LAT: 38.85883

8,795'

1302845W

LATITUDE 38° 52' 30"

MEREDITH & HASSIG LEASE WELL NO. 10 47-013-2845



REFERENCE NOTES

LEASE AS SHOWN TAKEN
PLAT DATED 08/04/78 AS
PREPARED BY CURTIS A. LUCAS,
LLS, 275 FOR API 47-013-02845.
OWNERSHIP TAKEN FROM PUBLIC
RECORDS OF CALHOUN COUNTY,
WV IN MAY, 2015.
LAT./LONG. BY DIFFERENTIAL
SUBMETER MAPPING GRADE GPS
DRAFTED BY: T.A.S.

EXISTING WELL
UTM NAD 83 ZONE 17
COORDINATES
(IN METERS)
N) 4,301,138.1 M
E) 479,259.7 M

(+) DENOTES LOCATION ON UNITED STATES TOPOGRAPHIC MAPS

FILE NUMBER G150616(WB17-35)
DRAWING NUMBER G150616_WP10
SCALE 1" = 600'
MINIMUM DEGREE OF ACCURACY 1/200
PROVEN SOURCE OF ELEVATION SUBMETER MAPPING
GRADE GPS

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 ENVIRONMENTAL PROTECTION

P.S. 1008

Terry A. Shreve



WVDEP
OFFICE OF OIL & GAS
801 57TH STREET
CHARLESTON, WV 25304

DATE: MAY 18, 2015
REVISED DATE: JUNE 22, 2015

OPERATORS WELL NO. MEREDITH & HASSIG
API WELL NO. WELL NO. 10

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
(IF "GAS") PRODUCTION STORAGE DEEP SHALLOW

47-013-02845 W
STATE COUNTY PERMIT

LOCATION ELEVATION 670' WATERSHED WEST FORK OF THE LITTLE KANAWHA RIVER

DISTRICT LEE COUNTY CALHOUN

QUADRANGLE ARNOLDSBURG 7.5' LEASE NUMBER 08/21/2015

SURFACE OWNER S. MICHAEL SHAVER et al

ACREAGE 42.5±

OIL & GAS ROYALTY OWNER MEREDITH & HASSIG heirs

LEASE ACREAGE 220±

PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE (SPECIFY) REWORK BIG INJUNCTION of Oil & Gas

PLUG & ABANDON CLEAN OUT & REPLUG
ESTIMATED DEPTH 2,310

TARGET FORMATION SHALE

WELL OPERATOR MOUNTAIN V OIL & GAS, INC.

DESIGNATED AGENT MIKE SHAVER

ADDRESS P.O. BOX 470, BRIDGEPORT, WV 26330

ADDRESS P.O. BOX 470, BRIDGEPORT, WV 26330

A.R.L.S

08/21/2015

Received
JUN 26 2015

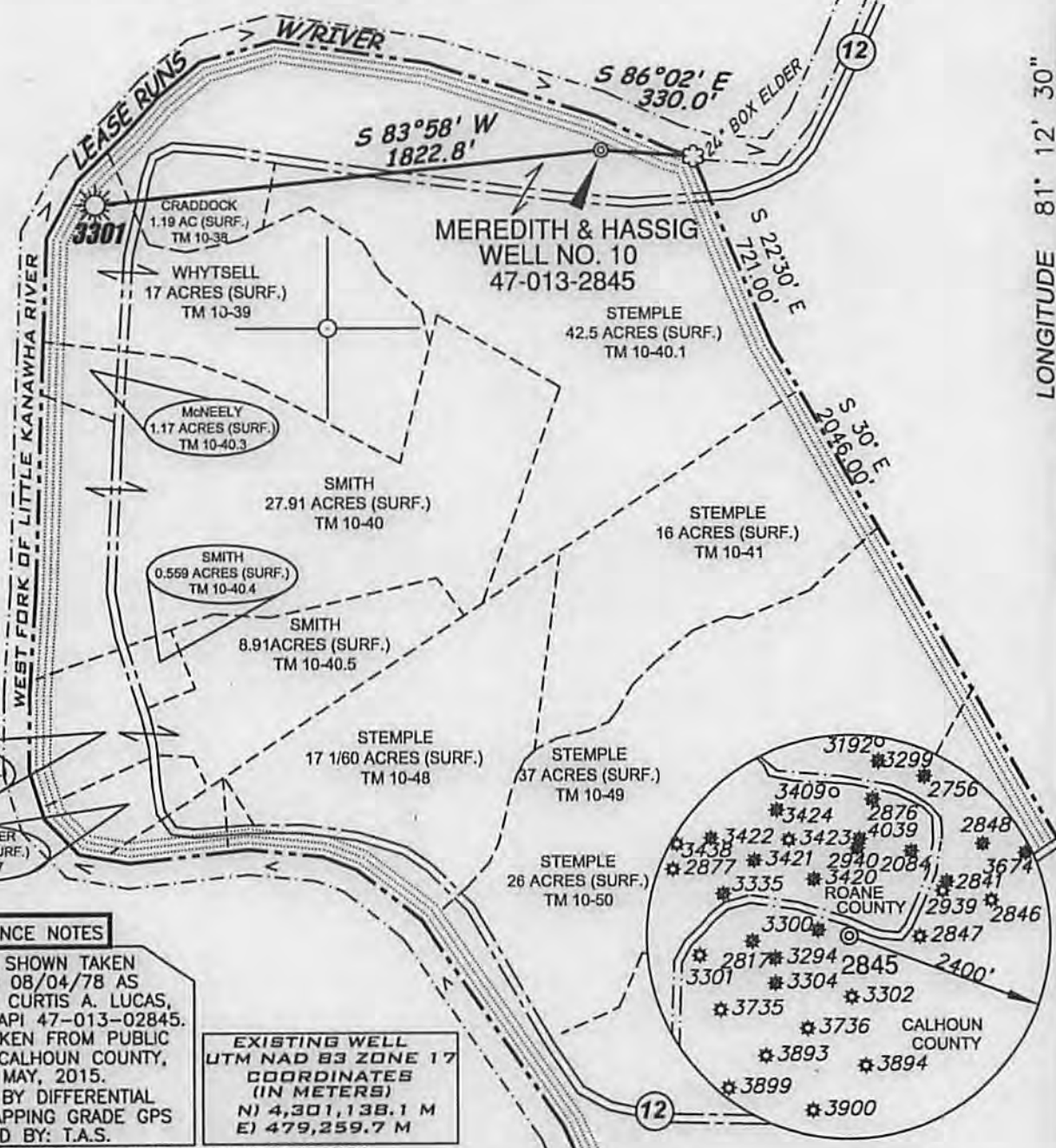
NAD 83 LAT: 38°51'31.8"
DECIMAL LAT: 38.85883

8,795'

LATITUDE 38° 52' 30"

MEREDITH & HASSIG LEASE WELL NO. 10 47-013-2845

W SOUTH ZONE
GRID NORTH



LONGITUDE 81° 12' 30"

NAD 83 LON: 81°14'20.6"
DECIMAL LON: 81.23904

REFERENCE NOTES

LEASE AS SHOWN TAKEN
PLAT DATED 08/04/78 AS
PREPARED BY CURTIS A. LUCAS,
LLS, 275 FOR API 47-013-02845.
OWNERSHIP TAKEN FROM PUBLIC
RECORDS OF CALHOUN COUNTY,
WV IN MAY, 2015.
LAT./LONG. BY DIFFERENTIAL
SUBMETER MAPPING GRADE GPS
DRAFTED BY: T.A.S.

EXISTING WELL
UTM NAD 83 ZONE 17
COORDINATES
(IN METERS)
N) 4,301,138.1 M
E) 479,259.7 M

FILE NUMBER G150616(WB17-35)
DRAWING NUMBER G150616_WP10
SCALE 1" = 600'
MINIMUM DEGREE OF ACCURACY 1/200
PROVEN SOURCE OF ELEVATION SUBMETER MAPPING
GRADE GPS

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 ENVIRONMENTAL PROTECTION

P.S.
1008

Terry A. Shreve



WVDEP
OFFICE OF OIL & GAS
601 57TH STREET
CHARLESTON, WV 25304

DATE: MAY 18, 2015
REVISED DATE: JUNE 22, 2015

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
(IF "GAS") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X
OPERATORS WELL NO. 47-013-02845 W WELL NO. 10
API WELL NO. _____ STATE COUNTY PERMIT

LOCATION ELEVATION 670' WATERSHED WEST FORK OF THE LITTLE KANAWHA RIVER
DISTRICT LEE COUNTY CALHOUN
QUADRANGLE ARNOLDSBURG 7.5' LEASE NUMBER _____

SURFACE OWNER S. MICHAEL SHAVER et al ACREAGE 42.5±
OIL & GAS ROYALTY OWNER MEREDITH & HASSIG heirs LEASE ACREAGE 220±

PROPOSED WORK: DRILL ___ CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE X PLUG OFF OLD FORMATION X
PERFORATE NEW FORMATION X OTHER PHYSICAL CHANGE (SPECIFY) _____ REWORK BIG INJUN _____

TARGET FORMATION SHALE ESTIMATED DEPTH 2,310
PLUG & ABANDON ___ CLEAN OUT & REPLUG _____

WELL OPERATOR MOUNTAIN V OIL & GAS, INC. DESIGNATED AGENT MIKE SHAVER
ADDRESS P.O. BOX 470, BRIDGEPORT, WV 26330 ADDRESS P.O. BOX 470, BRIDGEPORT, WV 26330

08/22/2015

COUNTY NAME
PERMIT

47-013-02845-P

WW-7
5-02

CANCELLED

West Virginia Department of Environmental Protection
Office of Oil & Gas

WELL LOCATION FORM: GPS

API: 47-013-2845 -P WELL NO: 10

FARM NAME: Meredith & Hassig

RESPONSIBLE PARTY NAME: Triad Resources, Inc.

COUNTY: Calhoun DISTRICT: Lee

QUADRANGLE: Arnoldsburg 7.5'

SURFACE OWNER: Randall Whytsell Hrs.

ROYALTY OWNER: Triad Resources, Inc. et al.

UTM GPS NORTHING: 4,301,138

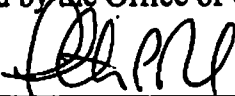
UTM GPS EASTING: 479,262 GPS ELEVATION: 209 m.

The Responsible Party named above has chosen to submit GPS coordinates in lieu of preparing a new well location plat for a plugging permit on the above well. The Office of Oil & 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	<input type="checkbox"/>	Post Processed Differential	<input type="checkbox"/>
		Real-Time Differential	<input type="checkbox"/>
Mapping Grade GPS	<input checked="" type="checkbox"/>	Post Processed Differential	<input checked="" type="checkbox"/>
		Real-Time Differential	<input type="checkbox"/>

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.

 **Timothy P. Roush**
Signature _____
8/11/08
Date _____

Professional Surveyor
Title _____

08/21/2015