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**west virginia** department of environmental protection

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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 27, 2014

**WELL WORK PERMIT**

**Re-Work**

This permit, API Well Number: 47-3304893, issued to TENMILE LAND LLC, 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: COTTRILL 1  
Farm Name: RANDOLPH, FOREST W. JR.  
**API Well Number: 47-3304893**  
**Permit Type: Re-Work**  
Date Issued: 08/27/2014

## 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

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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.

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: Tenmile Land, LLC

494461524	Harrison	Tenmile	Wolf Summit 7.5'
Operator ID	County	District	Quadrangle

2) Operator's Well Number: Cottrill No. 1      3) Elevation: 1336'

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

5) Proposed Target Formation(s): Gordon, 50ft      Proposed Target Depth: 3086'

6) Proposed Total Depth: 3086' Feet      Formation at Proposed Total Depth: Fifth Sand

7) Approximate fresh water strata depths: 80'

8) Approximate salt water depths: N/A

9) Approximate coal seam depths: 410'

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 and fracturing methods in detail (attach additional sheets if needed)

To rework, cement and stimulate upper zones of existing well. The cement will go from 3415' to 1825'. The 5th Sand, 4th Sand, Gordon, Gordon Stray and 50ft will be stimulated with 14# crosslink gel with N2 assist @ 150scf.

*SDW*  
*7/28/2014*

13) **CASING AND TUBING PROGRAM**

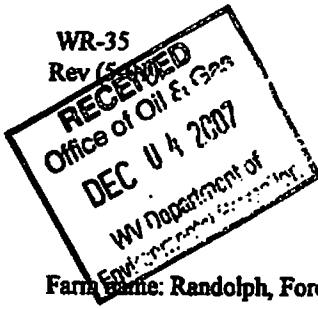
TYPE	SPECIFICATIONS			FOOTAGE INTERVALS		CEMENT
	Size	Grade	Weight per ft	For Drilling	Left in Well	Fill-up (Cu. Ft.)
Conductor						
Fresh Water	11 3/4"				441'	140 SX
Coal						
Intermediate	8 5/8"				1,900'	400 SX
Production	4 1/2"				5,341'	264 SX
Tubing						
Liners						

Packers: Kind: 6K snub nose plug  
Sizes: 4.5"  
Depths Set 2850' and 3350'

RECEIVED  
Office of Oil and Gas

AUG 27 2014

WV Department of  
Environmental Protection



DATE: November 6, 2007  
API #: 47-033-04893

State of West Virginia  
Department of Environmental Protection  
Office of Oil and Gas

Well Operator's Report of Well Work

Farmer Name: Randolph, Forest W. Jr.

Operator Well No.: Cottrill #1

LOCATION: Elevation: 1,336'

Quadrangle: Wolf Summit 7.5'

District: Tenmile  
Latitude: 2,090  
Longitude 11,050

County: Harrison  
Feet South of 39 Deg 20 Min. 00 Sec.  
Feet West of 80 Deg. 27 Min. 30 Sec.

Company: Tenmile Land, LLC

	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
Address: 1807 W. Pike St., Suite E	16"	20'	pulled	
Clarksburg, WV 26301				
Agent: Chad Johnson	11 3/4"	441'	441'	140 sk.
Inspector: Mike Underwood				
Date Permit Issued: 7/27/2007	8 5/8"	1,900'	1,900'	400 sk.
Date Well Work Commenced: 8/12/2007				
Date Well Work Completed: 8/18/2007	4 1/2"		5,341'	264 sks.
Verbal Plugging:				
Date Permission granted on:				
Rotary X Cable Rig				
Total Depth (feet): 5,433'				
Fresh Water Depth (ft.): 90'				
Salt Water Depth (ft.): 1,805'				
Is coal being mined in area (N/Y)? No				
Coal Depths (ft.):				

OPEN FLOW DATA

Producing formation Benson Pay zone depth (ft) 5199' - 5213'  
Gas: Initial open flow 310 MCF/d Oil: Initial open flow Bbl/d  
Final open flow 328 MCF/d Final open flow Bbl/d  
Time of open flow between initial and final tests 72 Hours  
Static rock Pressure 1750# psig (surface pressure) after 24 Hours

Second producing formation, Balltown, Speechley Pay zone depth (ft) 3763' - 4139'  
Gas: Initial open flow \* MCF/d Oil: Initial open flow Bbl/d  
Final open flow \* MCF/d Final open flow Bbl/d  
Time of open flow between initial and final tests \* Hours  
Static rock Pressure \* psig (surface pressure) after \* Hours

\* Comingled

NOTE: ON BACK OF THIS FORM PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELL BORE.

Signed:

By: Chad Johnson

Date: 11-30-07

Tenmile Land, LLC

Cottrill #1

47-033-04893

3 Stage Frac

Benson	5,199' - 5,213'	11 holes	44,500# sand	161 Bbl. SLF
Balltown	4,016' - 4,139'	12 holes	25,000# sand	130 Bbl. SLF
Speechley	3,763' - 3,791'	10 holes	40,000# sand	167 Bbl. SLF

FORMATION	COLOR	HARD/SOFT	TOP	BOTTOM	REMARKS
Clay	red	soft	0	15	
Sand & shale	gray	med/soft	15	55	
Red rock	red	soft	55	70	
Sand & shale	gray	med	70	182	1/4" FW @ 90'
Red rock	red	soft	182	195	
Sand & shale	gray	med	195	540	
Red rock	red	soft	540	550	
Sand & shale	gray	med/soft	550	629	
Lime	gray	hard	629	667	
Sand & shale	gray	med	667	698	
Lime	gray	hard	698	763	
Sand & shale	gray	med/soft	763	975	
Sand	white	hard	975	1006	
Sand & shale	gray	med	1006	1380	
Sand	white	hard	1380	1477	
Sand & shale	gray	med	1477	1480	
Sand	white	hard	1480	1505	
Sand & shale	gray	med	1505	2058	1/4" SW @ 1805'
Shale & red rock	gray/red	soft	2058	2120	
Sand & shale	gray	med	2120	2197	
Big Lime	white	med	2197	2258	
Big Injun	white	med/soft	2258	2348	2280' - 22/10 thru 2" w/w
Sand & shale	gray	soft	2348	2353	
Sand	brown	med	2353	2363	
Sand & shale	gray	med/soft	2363	2802	
Sand	lt. gray	med	2802	2810	
Sand & shale	gray	soft	2810	2910	
Sand	tan	med	2910	2920	
Sand & shale	gray	med	2920	2950	
Sand	tan	med	2950	2975	2969' - 98/10 thru 2" w/w
Sand & shale	gray	med	2975	3020	
Sand	brown	med	3020	3060	
Sand & shale	gray	med	3060	3590	3121' - 84/10 thru 2" w/w
Sand	tan	med	3590	3610	
Sand & shale	gray	med	3610	3780	3657' - 62/10 thru 2" w/w
Sand	brown	med	3780	3800	
Sand & shale	gray	med/soft	3800	4030	3813' - 60/10 thru 2" w/w
Sand	brown	soft	4030	4040	
Sand & shale	gray	med/soft	4040	4650	
Sand	brown	soft	4650	4670	
Sand & shale	gray	soft	4670	4960	
Sand	lt. tan	soft	4960	4970	
Sand & shale	gray	soft	4970	5210	
Sand	brown	soft	5210	5235	
Sand & shale	gray	soft	5235	5433	
Total Depth			5433		54/10 thru 2" w/w

WW-2A  
(Rev. 6-14)

1.) Date: July 3, 2014  
2.) Operator's Well Number Cottrill No. 1  
State County Permit  
3.) API Well No.: 47- 033 - 04893

**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 Ruth Randolph ✓  
Address RR 5 Box 1098  
Salem, WV 26426  
(b) Name Mary Etta Randolph ✓  
Address RR 5 Box 1098  
Salem, WV 26426  
(c) Name Neil Randolph ✓  
Address 101 Harlev Lane  
New Cumberland, WV 26047  
6) Inspector Sam Ward  
Address P.O. Box 2327  
Buckhannon, WV 26201  
Telephone 304-389-7583  
5) (a) Coal Operator  
Name American Mountaineer Energy, Inc.  
Address 46226 National Road  
St. Clairsville, OH 43950 ✓  
(b) Coal Owner(s) with Declaration  
Name Virginia A. Tetrick Trust c/o Richard Bole  
Address 139 Lamplight Drive  
Moraantown, WV 26508 ✓  
(c) Coal Lessee with Declaration  
Name American Mountaineer Energy, Inc  
Address 46226 National Road  
St. Clairsville, OH 43950

**TO THE PERSONS NAMED ABOVE TAKE NOTICE THAT:**

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

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:

- Personal Service (Affidavit attached)
- X 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 Tenmile Land, LLC  
By: Chad W. Johnson ✓  
Its: Managing Member  
Address: 109 Platinum Dr. Suite 1  
Bridgeport, WV  
Telephone: 304-623-5263  
Email: ChadJohnson@tenmileland.com

Received

AUG 1 2014

Subscribed and sworn before me this 3rd day of July, 2014

Shawna L Floyd Notary Public Office of Oil and Gas  
My Commission Expires June 21, 2022 WV Dept. of Environmental Protection

33 04893W

7012 1010 0001 5075 9528

**U.S. Postal Service™**  
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 NEW CUMBERLAND WV 26047

**OFFICIAL USE**

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Certified Fee	\$ 3.30	02	
Return Receipt Fee (Endorsement Required)	\$ 2.70		Postmark Here
Restricted Delivery Fee (Endorsement Required)	\$ 0.00		
<b>Total Postage &amp; Fees</b>	<b>\$ 7.82</b>		07/30/2014

*Cottrill Noel*  
 Sent To  
 Neil Randolph ✓  
 Street, Apt. No.; or PO Box No. 101 Hartley Ln  
 City, State, ZIP+4 New Cumberland, WV 26047

PS Form 3800, August 2006 See Reverse for Instructions

7012 1010 0001 5075 9498

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 MORGANTOWN WV 26508

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Restricted Delivery Fee (Endorsement Required)	\$ 0.00		
<b>Total Postage &amp; Fees</b>	<b>\$ 7.82</b>		07/30/2014

*Cottrill Noel*  
 Sent To  
 Virginia A. Tetrick Trust c/o Richard Bolen ✓  
 Street, Apt. No.; or PO Box No. 139 Lamplight Dr.  
 City, State, ZIP+4 Morgantown, WV 26508

PS Form 3800, August 2006 See Reverse for Instructions

7012 1010 0001 5075 9504

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Restricted Delivery Fee (Endorsement Required)	\$ 0.00		
<b>Total Postage &amp; Fees</b>	<b>\$ 7.82</b>		07/30/2014

*Cottrill Noel*  
 Sent To  
 American Mountaineer Energy Co Jason Witt ✓  
 Street, Apt. No.; or PO Box No. 46226 National Rd  
 City, State, ZIP+4 St. Clairsville, OH 43950

PS Form 3800, August 2006 See Reverse for Instructions

7012 1010 0001 5075 9542

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 SALEM WV 26426

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Certified Fee	\$ 3.30	02	
Return Receipt Fee (Endorsement Required)	\$ 2.70		Postmark Here
Restricted Delivery Fee (Endorsement Required)	\$ 0.00		
<b>Total Postage &amp; Fees</b>	<b>\$ 7.82</b>		07/30/2014

*Cottrill Noel*  
 Sent To  
 Ruth Randolph ✓  
 Street, Apt. No.; or PO Box No. RR 5 Box 1098  
 City, State, ZIP+4 Salem, WV 26426

PS Form 3800, August 2006 See Reverse for Instructions

7012 1010 0001 5075 9535

**U.S. Postal Service™**  
**CERTIFIED MAIL™ RECEIPT**  
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For delivery information visit our website at [www.usps.com](http://www.usps.com)  
 SALEM WV 26426

**OFFICIAL USE**

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Return Receipt Fee (Endorsement Required)	\$ 2.70		Postmark Here
Restricted Delivery Fee (Endorsement Required)	\$ 0.00		
<b>Total Postage &amp; Fees</b>	<b>\$ 7.82</b>		07/30/2014

*Cottrill Noel*  
 Sent To  
 Mary Etta Randolph ✓  
 Street, Apt. No.; or PO Box No. RR 5 Box 1098  
 City, State, ZIP+4 Salem, WV 26426

PS Form 3800, August 2006 See Reverse for Instructions

08/29/2014

WW-2A1  
(Rev. 1/11)

Operator's Well Number Cottrill No. 1

**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
Clyde A. Cottrill, Jr.	J 5 Energy, LLC	1/8	1387/573
J 5 Energy, LLC	Tenmile Land, LLC		Assignment not recorded


**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 Service
- 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:  
By: Its:

Tenmile Land, LLC  
  
 Managing Member

**RECEIVED**  
Office of Oil and Gas

AUG 27 2014



**ASSIGNMENT OF OIL AND GAS LEASES**

This Assignment of Oil and Gas Leases ("Assignment") is made this 27<sup>th</sup> day of August, 2014, by and between J5 ENERGY, LLC, a West Virginia limited liability company ("Assignor"), and TENMILE LAND, LLC, a West Virginia limited liability company ("Assignee").

NOW WITNESSETH THAT for and in consideration of Ten Dollars (\$10.00) and other good and valuable consideration the receipt and sufficiency of which is hereby acknowledged, Assignor hereby ASSIGNS, TRANSFERS AND SETS OVER unto Assignee all of the Assignor's right, title and interest, in and to the oil and gas leases, and the leasehold estates created thereby ("Leases"), set forth and described on Exhibit "A" attached hereto and made a part hereof by reference.

This Assignment is made by the Assignor and accepted by the Assignee upon and subject to the following terms and conditions:

1. Assignor warrants title to the Leases unto Assignee against every person or entity whomsoever lawfully claiming, or to claim the same or any part thereof by, through or under Assignor or its affiliates, but not otherwise. Assignor represents and warrants that it is duly organized and authorized to transact business in the State of West Virginia, that there are no pending or threatened litigation, claims, demands or liens affecting the Leases and the rights assigned hereunder and that the Leases are valid and in effect.

2. The Assignee assumes and agrees to pay, subject to its right of surrender, as and when due from and after the date hereof, all delay rentals and other payments due to lessors in the Leases for so long as the Assignee shall have the right to drill for, extract, remove or market oil and/or gas from the lands described in such Leases.

3. This Assignment shall be construed in accordance with the laws of the State of West Virginia.

4. This Assignment shall be binding upon the respective parties hereto, their respective successors and assigns.

**SIGNATURE PAGE TO FOLLOW**

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Office of Oil and Gas

AUG 27 2014

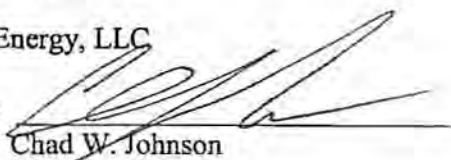
WV Department of  
Environmental Protection

IN WITNESS WHEREOF, Assignor and Assignee have each caused their respective names to be hereunto signed by their proper officer thereunto duly authorized:

**ASSIGNOR:**

J5 Energy, LLC

By:



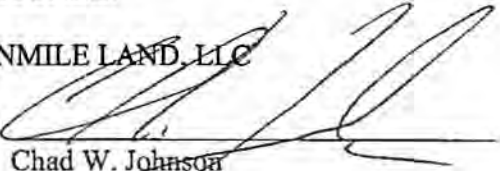
Chad W. Johnson

Its: Managing Member

**ASSIGNEE:**

TENMILE LAND, LLC

By:



Chad W. Johnson

Its: Managing Member

STATE OF WEST VIRGINIA:

COUNTY OF Harrison

BE IT KNOWN, that on this 27<sup>th</sup> day of August, 2014, before me, the undersigned authority, personally came and appeared Chad W. Johnson appearing herein in his capacity as the Managing Member of J5 Energy, LLC, a West Virginia limited liability company, to me personally know to be the identical person whose name is subscribed to the foregoing instrument as the said officer of said corporation, and declared and acknowledged to me, Notary, that he executed the same on behalf of said corporation, and that the said instrument is the free act and deed of the said corporation and was executed for the uses, purposes and benefits therein expressed.

  
NOTARY PUBLIC



RECEIVED  
Office of Oil and Gas

AUG 27 2014

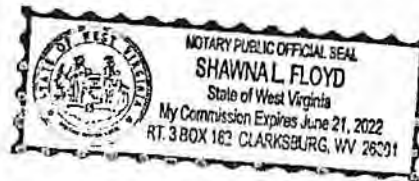
08/29/2014

STATE OF WEST VIRGINIA

COUNTY OF Harrison

BE IT KNOWN, that on this 27<sup>th</sup> day of August, 2014, before me, the undersigned authority, personally came and appeared Chad W. Johnson appearing herein in his capacity as Managing Member of Tenmile Land, LLC, a West Virginia limited liability company, to me personally know to be the identical person whose name is subscribed to the foregoing instrument as the said officer of said corporation, and declared and acknowledged to me, Notary, that he executed the same on behalf of said corporation, and that the said instrument is the free act and deed of the said corporation and was executed for the uses, purposes and benefits therein expressed.

Shawna L. Floyd  
NOTARY PUBLIC



RECEIVED  
Office of Oil and Gas

AUG 27 2014

WV Department of  
Environmental Protection

This document was prepared by:  
Tenmile Land, LLC  
109 Platinum Drive, Suite I  
Bridgeport, WV

**Exhibit 'A'****Attached hereto and made a part of that certain Assignment of Oil and Gas Leases****by and between J5 Energy, LLC and Tenmile Land, LLC****dated August 27, 2014.**

COUNTY	DISTRICT	TAX MAP	LESSOR	LESSEE	DATE	GROSS ACRES	BK	PG
Harrison	Tenmile	263/5,5.2,5.3,11,11.2, 11.3,11.4,11.5,11.6, 11.7,11.8	Clyde A. Cottrill, Jr.	J5 Energy, LLC	2/28/2006	300	1387	573

RECEIVED  
Office of Oil and Gas

AUG 27 2014

WV Dept. of  
Environmental Protection

WW-9  
(5/13)

Page \_\_\_\_\_ of \_\_\_\_\_  
API Number 47 - 033 -04893  
Operator's Well No. Control No 1

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

FLUIDS/ CUTTINGS DISPOSAL & RECLAMATION PLAN

Operator Name Tenmile Land, LLC OP Code \_\_\_\_\_

Watershed (HUC 10) Tributary of Indian Run Quadrangle Wolf Summit 7.5'

Elevation 1336' County \_\_\_\_\_ District Tenmile

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

Will a pit be used for drill cuttings? Yes \_\_\_\_\_ No X

If so, please describe anticipated pit waste: \_\_\_\_\_

ALL WELL EFFLUENT MUST BE  
CONTAINED IN TANKS & DISPOSED  
OF PROPERLY.

Will a synthetic liner be used in the pit? Yes \_\_\_\_\_ No \_\_\_\_\_ If so, what ml.? \_\_\_\_\_

Proposed Disposal Method For Treated Pit Wastes:

SDW  
7/28/14

- Land Application
- Underground Injection ( UIC Permit Number 2459, 965, 9395 )
- Reuse (at API Number \_\_\_\_\_)
- Off Site Disposal (Supply form WW-9 for disposal location)
- Other (Explain \_\_\_\_\_)

Will closed loop system be used? Yes

Drilling medium anticipated for this well? Air, freshwater, oil based, etc.

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

Additives to be used in drilling medium? \_\_\_\_\_

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

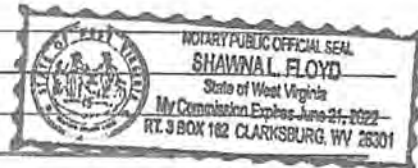
-If left in pit and plan to solidify what medium will be used? (cement, lime, sawdust) \_\_\_\_\_

-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 Department 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 \_\_\_\_\_  
Company Official (Typed Name) Chad W. Johnson  
Company Official Title Managing Member



Subscribed and sworn before me this 16<sup>th</sup> day of July, 2014

Shawna L. Floyd  
Notary Public

My commission expires June 21, 2022

Received

AUG 1 2014

Form WW-9

Operator's Well No. Cottrill No 1

Proposed Revegetation Treatment: Acres Disturbed \_\_\_\_\_ 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 Hay 2 Tons/acre

Seed Mixtures

Area I		Area II	
Seed Type	lbs/acre	Seed Type	lbs/acre
KY 31	40	Orchard Grass	15
Alsike Clover	5	Alsike Clover	5
Annual Rye	15		

Attach:

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

Photocopied section of involved 7.5' topographic sheet.

Plan Approved by: S. D. Wainwright

Comments: Seed + Mulch any disturbed land as soon as reasonably possible per WV DEP ETS manual. Upgrade ETS as necessary.

Title: Oil & Gas Inspector

Date: 7/28/2014

Field Reviewed?

Yes

No

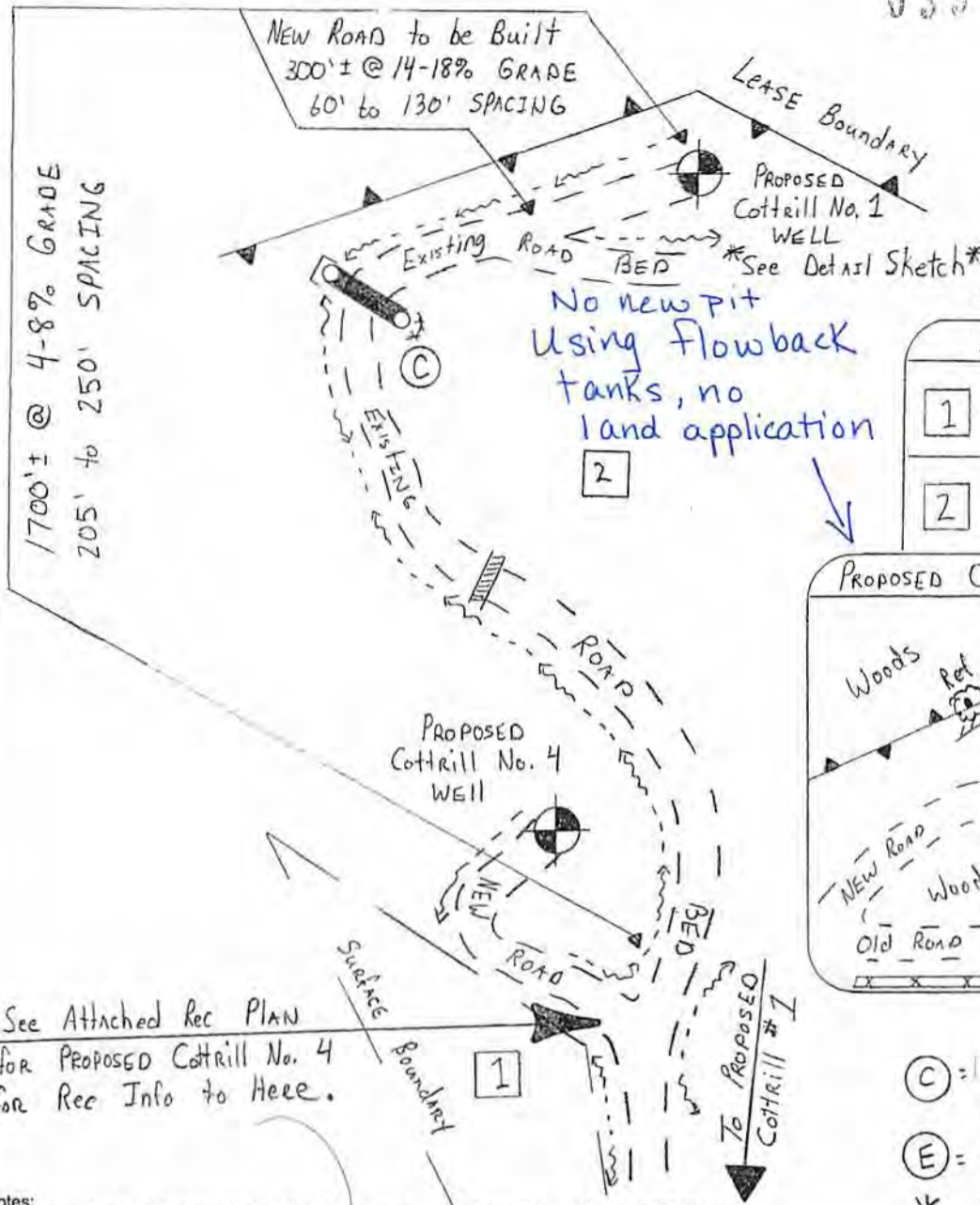
Received

AUG 1 2014

Office of Oil and Gas  
WV Dept. of Environmental Protection

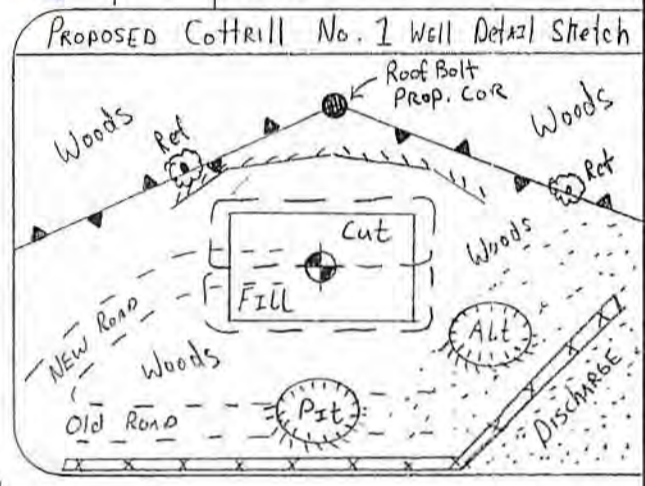
08/29/2014

033-04893



No new pit  
Using flowback  
tanks, no  
land application

SURFACE OWNERSHIP	
1	TAX MAP 263-11.6 F. RANDOLPH, JR.
2	TAX MAP 263-5 F. RANDOLPH, JR.



- (C) = DENOTES INSTALL 12" CULVERT MIN. AND APPLY APPROPRIATE SEDIMENT OUTLET CONTROL
- (E) = DENOTES EXISTING CULVERT
- \*
- SEE NOTE #4 ON CULVERTS

- Notes:
- 1.) Windrow brush and stumps below disturbance or place silt fence at lower limits of disturbance.
  - 2.) All cut and fill slopes will be seeded and mulched immediately after construction.
  - 3.) Install water bars on road during reclamation.
  - 4.) Install culverts as shown on the reclamation plan or as field conditions require.
  - 5.) Place hay bales below all culvert outlets and install sumps at inlets.
  - 6.) Install hay bales at the entrance of all sumps.
  - 7.) Rock access road for 200 feet from county road.
  - 8.) Maintain ditches during drilling and completion operation.
  - 9.) Unless otherwise noted, all roads shown hereon are existing and shall be maintained in accordance with WV D.E.P., Office of Oil and Gas Erosion and Sediment Control Field Manual as revised 2/98
  - 10.) Entrances upon county/state roads shall be maintained in accordance with WV D.O.T. regulations, however, separate permits may be required by the WV D.O.T.
  - 11.) Sediment basins (traps) and appropriate erosion control barriers are to be constructed at all culverts and cross-drains as required in the aforementioned Erosion and Sediment Control Field Manual. Where field conditions dictate, alternative erosion control measures shall be enacted as required.
  - 12.) Earthwork contractors are responsible for notification to the operator and inspector prior to any deviation from this plan.

DRAWN BY: T.R.B.      Date: 6/15/07      PROJECT NO: W-78-36-T-07



SURVEYING AND MAPPING SERVICES PERFORMED BY:

**ALLEGHENY SURVEYS, INC.**

1-800-482-8606

P.O. BOX 438  
BIRCH RIVER, WV 26610  
PH: (304) 649-8606  
FAX: (304) 649-8608

80 US HIGHWAY 33 EAST  
WESTON, WV 26452  
PH: (304) 269-6200  
FAX: (304) 269-6290

LEGEND	
PROPERTY BOUNDARY	▲▲▲▲▲
ROAD	====
DITCH	—>—>—>
FENCE	—x—x—x—x—
PROPOSED WELL LOCATION	⊕
BROAD BASED DIP	▨
CULVERT	—○—
CROSS DRAIN	—○—
PIT-CUT WALLS	○
PIT-COMPACTED WALLS	○
AREA OF LAND APPLICATION OF PIT WASTE	○

Received

08/29/2014

WW-7  
8-30-06



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

API: 47-033-04893 WELL NO.: Cottrill 1

FARM NAME: Randolph, Forest W. Jr.

RESPONSIBLE PARTY NAME: Chad W. Johnson

COUNTY: Harrison DISTRICT: Tenmile

QUADRANGLE: Wolf Summit 7.5'

SURFACE OWNER: Ruth Randolph, et al

ROYALTY OWNER: Clyde Allen Cottrill, Jr.

UTM GPS NORTHING: 4,353,259

UTM GPS EASTING: 543,335 GPS ELEVATION: 1,346'

The Responsible Party named above has chosen to submit GPS coordinates in lieu of preparing a new well location plat for a plugging permit or assigned API number on the above well. The Office of Oil and Gas will not accept GPS coordinates that do not meet the following requirements:

1. Datum: NAD 1983, Zone: 17 North, Coordinate Units: meters, Altitude: height above mean sea level (MSL) – meters.
2. Accuracy to Datum – 3.05 meters
3. Data Collection Method:

Survey grade GPS  : Post Processed Differential

Real-Time Differential

Mapping Grade GPS  : Post Processed Differential

Real-Time Differential

Received

AUG 1 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.

Managing Member  
Title

7-16-14  
Date



Topo Quad: Wolf Sun...t 7.5'

Scale: 1" = 2000' 033-04893

County: Harrison

Date: 06-15-07

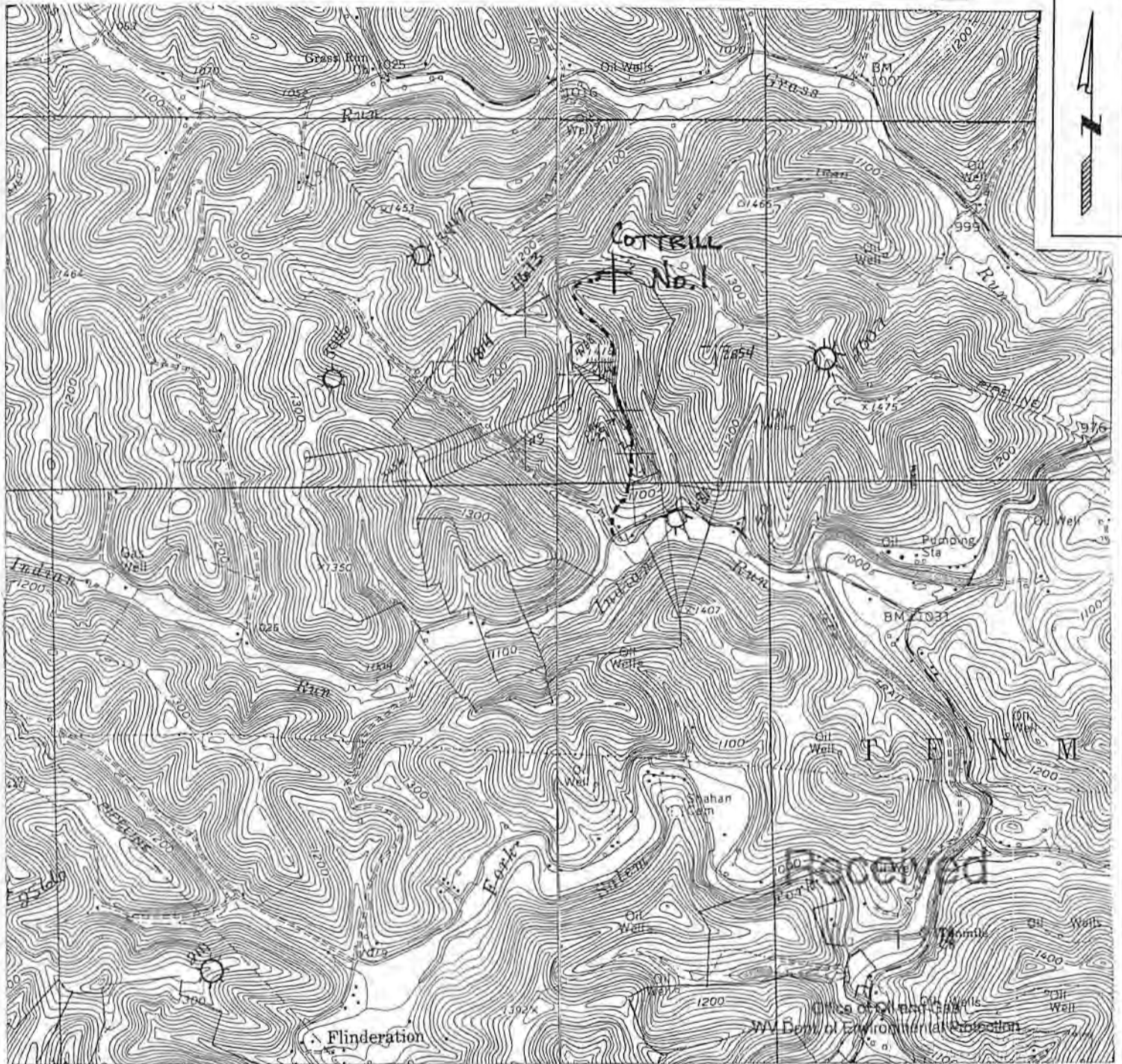
District: Tenmile

Project No: W-78-36-T-07

WW-9

# PROPOSED COTTRILL NO. 1 WELL

PG 7 OF 8



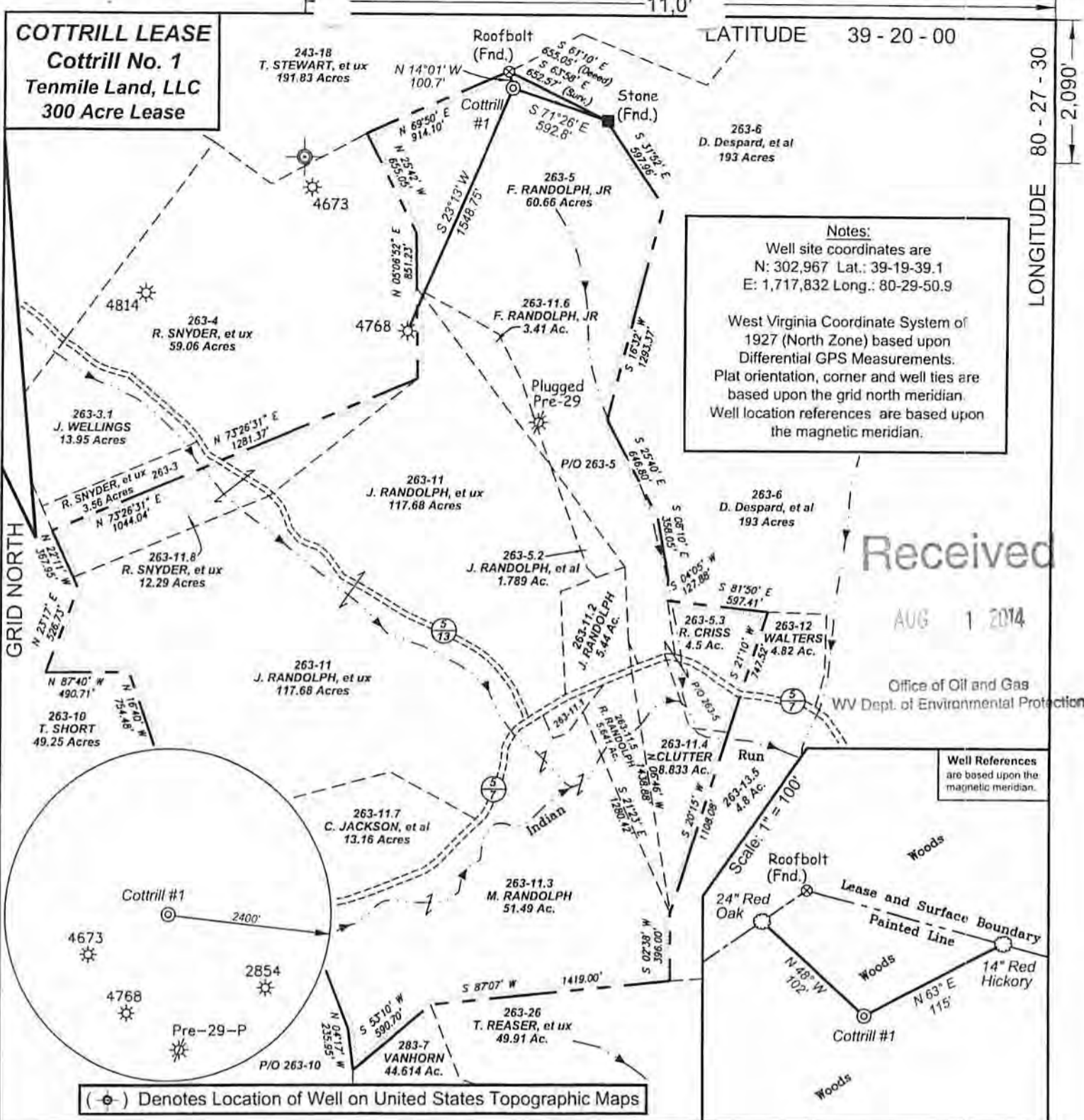
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 FAX: (304) 649-8608  
 80 US HIGHWAY 33 EAST WESTON, WV 26452  
 PH: (304) 269-6200  
 FAX: (304) 269-6290

PREPARED FOR:  
**Tenmile Land, LLC.**  
 1807 West Pike St., Suite E  
 Clarksburg, WV 26307

08/29/2014

330493N

**COTTRILL LEASE**  
**Cottrill No. 1**  
**Tenmile Land, LLC**  
**300 Acre Lease**



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.

*Jonathan N. White*  
P.S. 2122



FILE NO: W-78-36-T-07 (103-61)  
DRAWING NO: W-78-07 1.dwg  
SCALE: 1" = 800'  
MINIMUM DEGREE OF ACCURACY: 1/200  
PROVEN SOURCE OF ELEVATION: DGPS Corrected against WVDEP Base Station (Morgantown)



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

DATE: June 18, 20 07  
OPERATOR'S WELL NO: Cottrill #1  
**API WELL NO.**  
**47 - 033 - 04893**  
STATE COUNTY PERMIT

WELL TYPE:  OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL  
(IF GAS) PRODUCTION:  STORAGE  DEEP  SHALLOW  
LOCATION: ELEVATION: 1336' WATERSHED: Tributary of Indian Run QUADRANGLE: Wolf Summit 7.5'  
DISTRICT: Tenmile COUNTY: Harrison  
SURFACE OWNER: Forest W. Randolph, Jr. ACREAGE: 60.66  
OIL AND GAS ROYALTY OWNER: Clyde Allen Cottrill, Jr., et al LEASE NO: ACREAGE: 300  
PROPOSED WORK:  DRILL  CONVERT  DRILL DEEPER  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: Benson ESTIMATED DEPTH: 5400'

WELL OPERATOR: Tenmile Land, LLC DESIGNATED AGENT: Chad Johnson  
ADDRESS: 1807 West Pike St., Suite E ADDRESS: 1807 West Pike St., Suite E  
Clarksburg, WV 26301 Clarksburg, WV 26301

08/29/2014

330 4893W

109 Platinum Drive, Suite I  
Bridgeport, WV 26330  
Phone- 304-623-5263  
Fax- 304-623-2559  
ShawnaFloyd@tenmileland.com

.....

# Tenmile Land, L.L.C.

July 30, 2014

WV DEP Office of Oil and Gas  
Attn: Jeff McLaughlin  
601 57<sup>th</sup> Street, SE  
Charleston, WV 25304-2345

Re: Cottrill No. 1

Mr. McLaughlin,

Enclosed is the permit package for the Re-Work permit we are applying for on our Cottrill No. 1 well.

If there is anything else needed or if you have any questions, call me anytime at 304-623-5263.

Thank you for your time,

Shawna Floyd

Received

AUG 1 2014

Office of Oil and Gas  
WV Dept. of Environmental Protection

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08/29/2014