



02/10/2023

west virginia department of environmental protection

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

Harold D. Ward, Cabinet Secretary
www.dep.wv.gov

Monday, February 6, 2023
WELL WORK PERMIT
Horizontal 6A / New Drill

MOUNTAIN V OIL & GAS, INC.
PO BOX 904

BUCKHANNON, WV 26201

Re: Permit approval for C2H WV0488
47-015-03510-00-00

This well work permit 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 any additional specific 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 of 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.

Per 35 CSR 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) 926-0450.


James A. Martin
Chief

Operator's Well Number: C2H WV0488
Farm Name: DALTON HALCOMB ET AL
U.S. WELL NUMBER: 47-015-03510-00-00
Horizontal 6A New Drill
Date Issued: 2/6/2023

Promoting a healthy environment.

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

- 1) Well Operator: Mountain V Oil & Gas 310020 Clay Henry Elkhurst 7.5'
Operator ID County District Quadrangle
- 2) Operator's Well Number: C2H WV0488 Well Pad Name: Brown, Goshorn, Swann Pad C
- 3) Farm Name/Surface Owner: Dalton Holcomb etal Public Road Access: CR 13/2
- 4) Elevation, current ground: 1250' Elevation, proposed post-construction: 1246'
- 5) Well Type (a) Gas _____ Oil X _____ Underground Storage _____
Other _____
(b) If Gas Shallow X _____ Deep _____
Horizontal _____
- 6) Existing Pad: Yes or No No
- 7) Proposed Target Formation(s), Depth(s), Anticipated Thickness and Expected Pressure(s):
Big Injun, 2094'-2141', 47', 300
- 8) Proposed Total Vertical Depth: 2134'
- 9) Formation at Total Vertical Depth: Big Injun
- 10) Proposed Total Measured Depth: 6785'
- 11) Proposed Horizontal Leg Length: 4000'
- 12) Approximate Fresh Water Strata Depths: 552'
- 13) Method to Determine Fresh Water Depths: offset wells - 4701501049, 1050, 1065, 1066, 806, 878
- 14) Approximate Saltwater Depths: 1400' - Salt Sand
- 15) Approximate Coal Seam Depths: None
- 16) Approximate Depth to Possible Void (coal mine, karst, other): Not that we are aware of.
- 17) Does Proposed well location contain coal seams directly overlying or adjacent to an active mine? Yes _____ No X
- (a) If Yes, provide Mine Info: Name: _____
Depth: _____
Seam: _____
Owner: _____

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18)

CASING AND TUBING PROGRAM

TYPE	Size (in)	New or Used	Grade	Weight per ft. (lb/ft)	FOOTAGE: For Drilling (ft)	INTERVALS: Left in Well (ft)	CEMENT: Fill-up (Cu. Ft.)/CTS
Conductor	13.375"	New	J-55	54.5#	42'	42' ✓	Ready Mix
Fresh Water	9.265"	New	A-500	26#	700'	700' ✓	134/CTS
Coal							
Intermediate	7"	New	J-55	20#	2179'	2179' ✓	328/CTS
Production	4.5"	New	N-80	11.6#	6785'	6785' ✓	814/CTS
Tubing							
Liners							

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TYPE	Size (in)	Wellbore Diameter (in)	Wall Thickness (in)	Burst Pressure (psi)	Anticipated Max. Internal Pressure (psi)	Cement Type	Cement Yield (cu. ft./k)
Conductor	13.375"	20"	0.250"	2730	NA	Ready Mix	NA
Fresh Water	9.625"	12.375"	0.250"	2390	98	Class A/L	1.13 or 1.18
Coal							
Intermediate	7"	8.75"	0.272"	3740	771	Class A/L	1.13 or 1.18
Production	4.5"	6.25"	0.250"	7780	1400	Class A/L	1.23
Tubing							
Liners							

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[Handwritten Signature]
12/28/22

PACKERS

Kind:				
Sizes:				
Depths Set:				

19) Describe proposed well work, including the drilling and plugging back of any pilot hole:

Drill a vertical well through the Big injun. Run open hole logs. Plug back to approximately 1297', kick off and drill to a landing point, drill lateral in Big Injun 4000' to MD of 6785'. Run and cement casing
02/10/2023

20) Describe fracturing/stimulating methods in detail, including anticipated max pressure and max rate:

Hydraulic fracturing is completed in accordance with state regulations using water recycled from previously fractured wells, produced water from operator owned wells or water obtained from freshwater sources. This water is combined with sand and a small percentage (less than 0.1%) of chemicals (including HCL acid, friction reducer, biocide, and scale inhibitor etal), referred to in the industry as a "slickwater" completion. Maximum anticipated internal casing pressure is expected to be approximately 4500 psi. Maximum anticipated treating rates are expected to average 70 bpm. Stage lengths will vary from 100 to 200 feet. An average of 31,500 gallons of water will be used per stage. Approximately 45,000# of 20/40 sand per stage is expected.

21) Total Area to be disturbed, including roads, stockpile area, pits, etc., (acres): 22.14

22) Area to be disturbed for well pad only, less access road (acres): 4.3

23) Describe centralizer placement for each casing string:

Surface: Bow spring centralizers - one centralizer at shoe and one every 3rd joint.
Intermediate: Bow spring centralizers - one centralizer at shoe and one every other joint.
Production: Solid body centralizer - one centralizer at shoe and one every other joint from shoe to KOP.
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24) Describe all cement additives associated with each cement type:

Conductor: Ready Mix-none
Surface: Class A/L-Calcium Chloride. Used to speed the setting of cement slurries.
Intermediate: Class A/L-Calcium Chloride. Used to speed the setting of cement slurries.
Production: Class A/L-50/50 POZ, 2% gel, 10% salt, 0.5% fluid loss
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25) Proposed borehole conditioning procedures:

Surface: Circulate hole clean while rotating & reciprocating drill sting until cutting diminish at surface.
Intermediate: Circulate hole clean while rotating & reciprocating drill sting until cutting diminish at surface.
Production: Perform a cleanup cycle by pumping bottoms up until shakers are clean. Check volume of cuttings coming across the shakers every 15 minutes.

*Note: Attach additional sheets as needed.



PO Box 904
Buckhannon WV 26201

Office: 304-842-6320
Fax: 304-842-0016

December 15, 2022

02/10/2023

Mr. Taylor Brewer
West Virginia Department of Environmental Protection
Office of Oil and Gas
601 57th Street SE
Charleston, WV 25304

RE: Class L Cement Variance Request
Mountain V Oil and Gas Horizontal wells in WV
Clay and Gilmer Counties, WV

Dear Mr. Brewer,

Mountain V Oil and Gas has been notified by its cement providers that they can no longer guarantee the availability of Class A cement. As a result of this, Mountain V is requesting the option to utilize Class L cement, if necessary, in place of Class A cement for its cement jobs for its proposed horizontal wells in Clay and Gilmer Counties.

The variance request from Legislative Rule 35CSR8, Section 9.2.h.8, related to the use of Class L cement, was approved by the Office of Oil and Gas on September 13, 2022. A copy of the variance is included with this request.

If you have any questions, please do not hesitate to contact me at (304) 266-4707

Sincerely,

Daniel R. Chapman
Geologist/Drilling Operations Manager

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

Harold D. Ward, Cabinet Secretary
dep.wv.gov

**BEFORE THE OFFICE OF OIL AND GAS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
STATE OF WEST VIRGINIA**

**IN THE MATTER OF A VARIANCE FROM)
LEGISLATIVE RULE 35CSR4)
SECTION 11.5 AND LEGISLATIVE RULE)
35CSR8 SECTION 9.2.h.8.,)
RELATING TO THE CEMENTING)
OF OIL AND GAS WELLS)**

ORDER NO. 2022-14

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REPORT OF THE OFFICE

In response to industry requests, the West Virginia Department of Environmental Protection, Office of Oil and Gas has reviewed the proposed use of American Petroleum Institute (API) Class L cement to be used in place of API Class A cement for well construction.

FINDINGS OF FACT

1. On July 14, 2022, Northeast Natural Energy (NNE) submitted a variance request from Legislative Rule 35CSR8 Section 9.2.h.8., for the use of API Class L cement in place of API Class A cement, relating to the construction of horizontal wells.
2. Laboratory analysis submitted by NNE on July 14, 2022, indicates API Class L cement is comparable to API Class A cement and thereby satisfies the requirements of the West Virginia Code.
3. Contemporaneously, the Chief of the Office of Oil and Gas also chose to consider a variance to Legislative Rule 35CSR4 Section 11.5., for the use of API Class L cement in place of API Class A cement, relating to the construction of vertical wells.

Promoting a healthy environment.

4. On August 18, 2022, the Office of Oil and Gas provided public notice of acceptance of public comments on the variance consideration. During the 20-day public comment period, no comments were received.

CONCLUSIONS OF LAW**02/10/2023**

Pursuant to Article 6 and Article 6A, Chapter 22 of the Code of West Virginia, the Office of Oil and Gas has jurisdiction over the subject matter, and the persons interested therein, and jurisdiction to promulgate the hereinafter prescribed Order.

Pursuant to Legislative Rule 35CSR4, Section 18 and Legislative Rule 35CSR8, Section 14, the Chief of the Office of Oil and Gas may grant a variance from any requirement of these rules.

ORDER

It is ordered that the Class L cement product approved and monogrammed by API is approved for use in place of API Class A cement for well construction subject to the provisions of Legislative Rule 35CSR4 and Legislative Rule 35CSR8.

Dated this, the 13th day of September, 2022.

IN THE NAME OF THE STATE OF WEST VIRGINIA

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



James Martin, Chief
Office of Oil and Gas

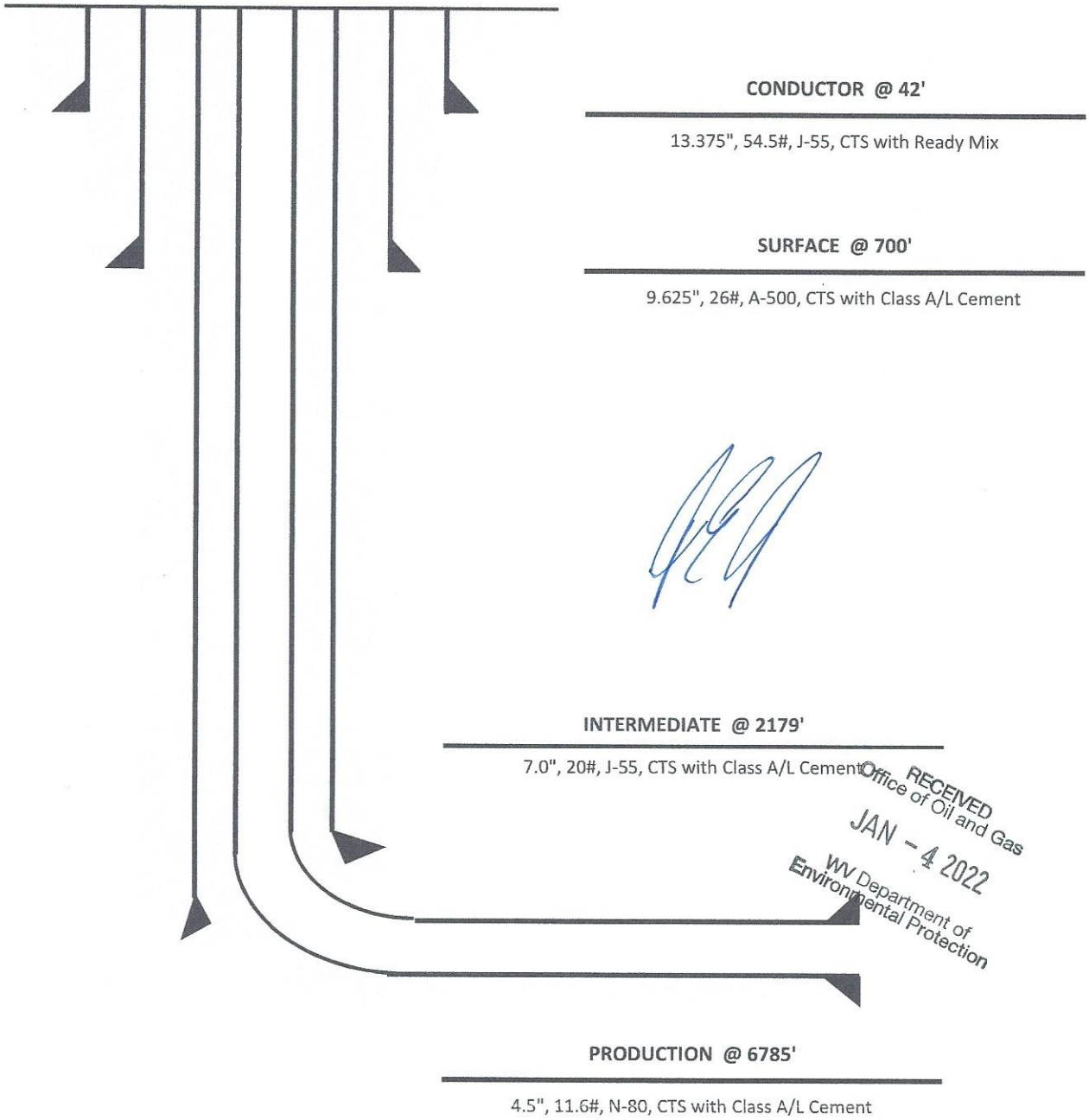
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Permit Number:

Well Name:	Brown, Goshorn, Swann C-2H WV0488
Elevation:	Ground: 1250', Proposed: 1246'
Location:	Henry District, Clay County, WV

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NOT TO SCALE

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

FLUIDS/ CUTTINGS DISPOSAL & RECLAMATION PLAN

Operator Name Mountain V Oil and Gas OP Code 310020 **02/10/2023**

Watershed (HUC 10) Horner Fork & Laurel Creek Quadrangle Elkhurst 7.5'

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

Will a pit be used? Yes No

If so, please describe anticipated pit waste: Drill Cuttings, Drilling Fluids(brine water)

Will a synthetic liner be used in the pit? Yes No If so, what ml.? 60 mil

Proposed Disposal Method For Treated Pit Wastes:

- Land Application
- Underground Injection (UIC Permit Number D04103175003, 2D09703422002)
- Reuse (at API Number BGS C-1H WV0476, applying for permit currently)
- Off Site Disposal (Supply form WW-9 for disposal location)
- Other (Explain _____)

Will closed loop system be used? If so, describe: No

Drilling medium anticipated for this well (vertical and horizontal)? Air, freshwater, oil based, etc. see attachment

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

Additives to be used in drilling medium? PHPA aka Drill A or EZ Mud

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

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

-Landfill or offsite name/permit number? WM-Meadowfill Landfill, Bridgeport, WV, SWF1032-98 #WV-100785

Permittee shall provide written notice to the Office of Oil and Gas of any load of drill cuttings or associated waste rejected at any West Virginia solid waste facility. The notice shall be provided within 24 hours of rejection and the permittee shall also disclose where it was properly disposed.

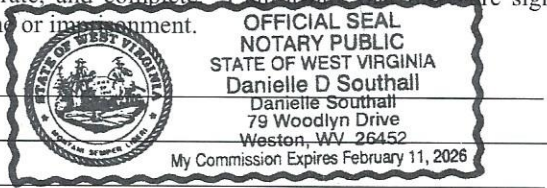
I certify that I understand and agree to the terms and conditions of the GENERAL WATER POLLUTION PERMIT issued on August 1, 2005, by the Office of Oil and Gas of the West Virginia Department of Environmental Protection. I understand that the provisions of the permit are enforceable by law. Violations 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 [Signature]

Company Official (Typed Name) Mike Shaver

Company Official Title President



Subscribed and sworn before me this 21st day of December, 2022

My commission expires Feb 11, 2026

Mountain V Oil and Gas

Proposed Revegetation Treatment: Acres Disturbed 22.14 Prevegetation pH 6.8

Lime 3 Tons/acre or to correct to pH 6.5

Fertilizer type 10-20-20

02/10/2023

Fertilizer amount 700 lbs/acre

Mulch Hay 2 Tons/acre


Seed Mixtures

Temporary		Permanent	
Seed Type	lbs/acre	Seed Type	lbs/acre
KY-31	40	Orchard Grass	15
Alsike Clover	5	Alside Clover	5
Annual Rye	15		

Attach:

Maps(s) of road, location, pit and proposed area for land application (unless engineered plans including this info have been provided). If water from the pit will be land applied, include dimensions (L x W x D) of the pit, and dimensions (L x W), and area in acreage, of the land application area.

Photocopied section of involved 7.5' topographic sheet.

Plan Approved by: Jeremy James 

Comments: _____

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WV Department of
Environmental Protection

Title: inspector 006 Date: 12-29-22

Field Reviewed? () Yes () No

Site Safety Plan

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Brown Goshorn Swann C-2H WV0488



Inspector Signature: _____

Date: 12-28-22 _____

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**MOUNTAIN V OIL & GAS, INC.
BROWN, GOSHORN, &
SWANN LEASE-14,250 ACRES
WELL C2H WV0488**

T.H. LATITUDE 38°30'00"
B.H. LATITUDE 38°30'00"

T.H. LONGITUDE 80°10'00"
B.H. LONGITUDE 80°07'30"

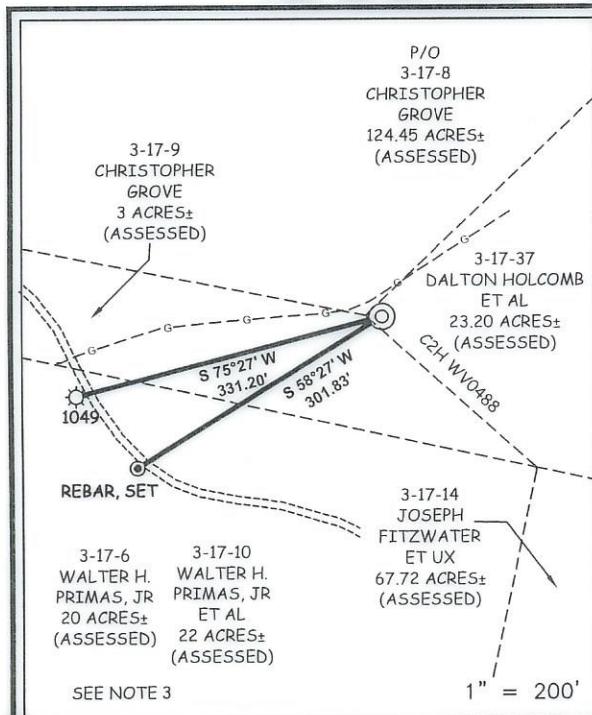
02/10/2023

T.H.

4,049' T.H.

B.H.

REFERENCES



(S.P.C. SOUTH ZONE) (UTM(M) ZONE 17 NORTH)		
NAD'83 S.P.C.(FT)	N. 542,204.59	E. 1,919,626.55
NAD'83 GEO.	LAT-(N) 38.488881	LONG-(W) 81.170753
NAD'83 UTM (M)	N. 4,260,073.48	E. 485,108.39
LANDING POINT		
NAD'83 S.P.C.(FT)	N. 541,371.0	E. 1,919,835.0
NAD'83 GEO.	LAT-(N) 38.486593	LONG-(W) 81.170020
NAD'83 UTM (M)	N. 4,259,819.5	E. 485,171.9
BOTTOM HOLE		
NAD'83 S.P.C.(FT)	N. 538,976.1	E. 1,923,038.7
NAD'83 GEO.	LAT-(N) 38.480032	LONG-(W) 81.158812
NAD'83 UTM (M)	N. 4,259,089.7	E. 486,148.1

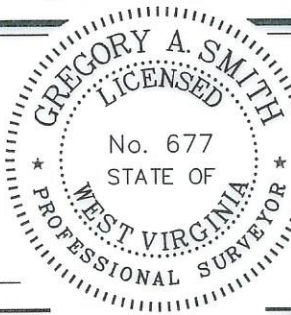
NOTES ON SURVEY

- NO WATER WELLS WERE FOUND WITHIN 250' OF PROPOSED GAS WELL. NO AGRICULTURAL BUILDINGS ≥ 2500 SQ. FT. OR DWELLINGS WERE FOUND WITHIN 625' OF THE CENTER OF PROPOSED WELL PAD.
- WELL SPOT CIRCLE & TOPO MARK SCALE IS 1"=2000'
- DUE TO POOR METES & BOUNDS DEED DESCRIPTIONS, THE BOUNDARY BETWEEN PARCELS 3-17-6 & 3-17-10 CANNOT BE MAPPED WITH ANY CERTAINTY.



12 Van Horn Drive | P.O. Box 150 | Glenville, WV 26031 | 304.462.5634
1412 Kanawha Boulevard, East | Charleston, WV 25301 | 304.346.3067
254 East Beckley Bypass | Beckley, WV 25801 | 304.295.5296
slsw.com

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 DIVISION OF ENVIRONMENTAL PROTECTION.



P.S.
677

Gregory A. Smith

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
DATE DECEMBER 14, 20 22
REVISED _____, 20 ____
OPERATORS WELL NO. C2H WV0488
API WELL NO. 47 — 015 — 03510
STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 2500 FILE NO. 9235-MTV-SURV-PLATC2H-R01-221214-CPM.dwg
HORIZONTAL & VERTICAL CONTROL DETERMINED BY: DGPS (SURVEY GRADE TIE TO CORS NETWORK) SCALE 1" = 2000'

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

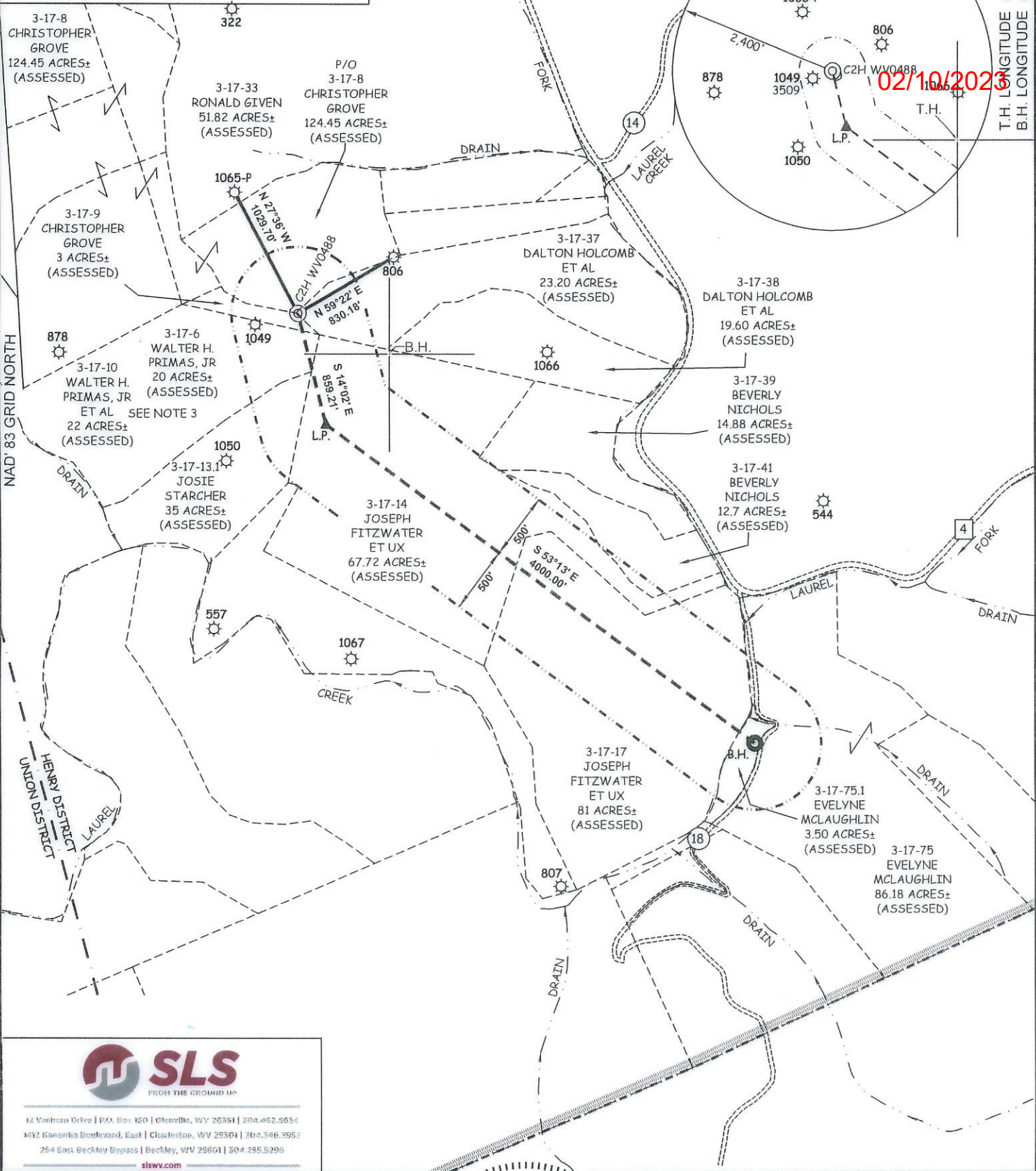


WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___ IF "GAS" PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X
LOCATION: GROUND = 1,250.90' ELEVATION PROPOSED = 1,246.35' WATERSHED HORNER FORK & LAUREL CREEK
DISTRICT HENRY COUNTY CLAY QUADRANGLE ELKHURST 7.5'
SURFACE OWNER DALTON HALCOMB ET AL ACREAGE 23.20±
ROYALTY OWNER BROWN, GOSHORN, & SWANN ACREAGE 14,250±
PROPOSED WORK: LEASE NO. SEE WW-6A1
DRILL X CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE X PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION ___ PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___ OTHER ___
PHYSICAL CHANGE IN WELL (SPECIFY) _____ TARGET FORMATION BIG INJUN
ESTIMATED DEPTH: TVD: 2,134' / TMD: 6,785'

WELL OPERATOR MOUNTAIN V OIL AND GAS INC. DESIGNATED AGENT MIKE SHAVER
ADDRESS P.O. BOX 904 ADDRESS P.O. BOX 904
BUCKHANNON, WV 26201 BUCKHANNON, WV 26201

COUNTY NAME
PERMIT

**MOUNTAIN V OIL & GAS, INC.
BROWN, GOSHORN, &
SWANN LEASE-14,250 ACRES
WELL C2H WV0488**

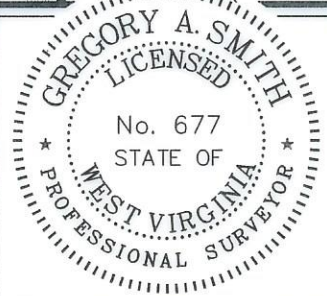


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12 Vanhook Drive | P.O. Box 160 | Clendenen, WV 26031 | 304.462.5654
 1412 Kanawha Boulevard, East | Charleston, WV 25304 | 304.346.3952
 254 East Beckley Bypass | Beckley, WV 25801 | 304.285.5296
 slsvw.com

(S.P.C. SOUTH ZONE) (UTM(M) ZONE 17 NORTH)		
NAD'83 S.P.C.(FT)	N. 542,204.59	E. 1,919,626.55
NAD'83 GEO.	LAT-(N) 38.488881	LONG-(W) 81.170753
NAD'83 UTM (M)	N. 4,260,073.48	E. 485,108.39
<u>LANDING POINT</u>		
NAD'83 S.P.C.(FT)	N. 541,371.0	E. 1,919,835.0
NAD'83 GEO.	LAT-(N) 38.486593	LONG-(W) 81.170020
NAD'83 UTM (M)	N. 4,259,819.5	E. 485,171.9
<u>BOTTOM HOLE</u>		
NAD'83 S.P.C.(FT)	N. 538,976.1	E. 1,923,038.7
NAD'83 GEO.	LAT-(N) 38.480032	LONG-(W) 81.158812
NAD'83 UTM (M)	N. 4,259,089.7	E. 486,148.1



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

P.S. 677 *Gregory A. Smith*

SCALE 1" = 1000' FILE NO. 9235-MTV-SURV-PLATC2H-R01-221214-CPM.dwg

DATE DECEMBER 14, 2022
 REVISED _____, 20____

OPERATORS WELL NO. C2H WV0488

API WELL NO. 47 — 015 — 03510
 STATE COUNTY PERMIT

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

LEGEND

LEASE LINE	
SURFACE LINE	
WELL LATERAL	
OFFSET LINE	
TIE LINE	
CREEK	
ROAD	
COUNTY ROUTE	
PROPOSED WELL	
EXISTING WELL	
PERMITTED WELL	
TAX MAP-PARCEL	
	00-00

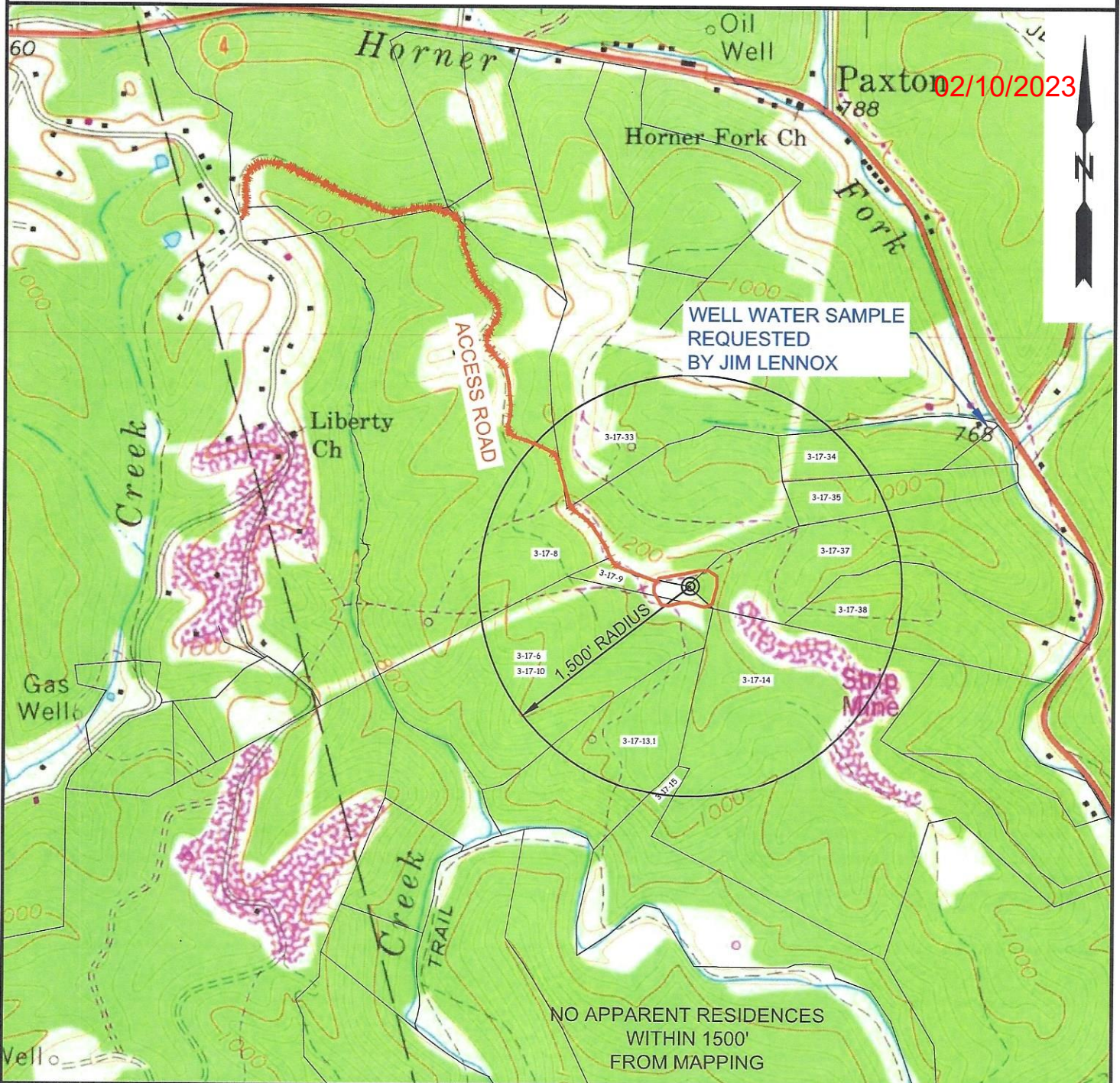
WELL OPERATOR	MOUNTAIN V OIL AND GAS INC.	DESIGNATED AGENT	MIKE SHAVER
ADDRESS	P.O. BOX 904	ADDRESS	P.O. BOX 904
	BUCKHANNON, WV 26201		BUCKHANNON, WV 26201

COUNTY NAME PERMIT

BROWN, GOSHORN, & SWANN LEASE 2022

PROPOSED WELL C2H WV0488 Department of Environmental Protection

02/10/2023



■ = APPARENT RESIDENCES FROM MAPPING

0 1000 2000 3000



12 Vanhorn Drive | P.O. Box 150 | Glenville, WV 26351 | 304.462.5634
1412 Kanawha Boulevard, East | Charleston, WV 25301 | 304.346.3952
254 East Beckley Bypass | Beckley, WV 25801 | 304.255.5296
slsvw.com

TOPO SECTION:

ELKHURST 7.5'

COUNTY

DISTRICT

CLAY

HENRY

DRAWN BY

JOB NO.

DATE

SCALE

C.P.M.

9235

12-21-2022

1" - 1000'

OPERATOR:

PREPARED FOR:
MOUNTAIN V OIL & GAS, INC.
P.O. BOX 904
BUCKHANNON, WV 26201



**INFORMATION SUPPLIED UNDER WEST VIRGINIA CODE
Chapter 22, Article 6A, Section 5(a)(5)
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, ~~02/10/2023~~

- (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:

Lease Name or Number	Grantor, Lessor, etc.	Grantee, Lessee, etc.	Royalty	Book/Page
Brown, Goshorn, W.A. McCorkle et al	W.A. McCorkle et al	United Fuel Gas Co.	1/8th	LB 9/424
	W.F. Goshorn Heirs	United States Nat. Gas	1/8th	LB 14/273
Farm Out	Diversified Prod. LLC dated 4-4-2022	Mountain V Oil & Gas, Inc.	1/8th	36/503

**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: Mountain V Oil & Gas, Inc.
By: Mike Shaver
Its: President



PO Box 904
Buckhannon WV 26201

Office: 304-842-6320
Fax: 304-842-0016

4701503510

02/10/2023

December 15, 2022

Mr. Taylor Brewer
West Virginia Department of Environmental Protection
Office of Oil and Gas
601 57th Street SE
Charleston, WV 25304

RE: Brown Goshorn Swann C-2H Well
Henry District, Clay County

Dear Mr. Brewer,

Mountain V Oil and Gas is applying for a new well work permit for the above referenced well. Upon information and belief, the Operator's lease and/or other real property rights permit it to conduct drilling operations for the subject wells in the location shown on the plats, including under any public roads the well lateral crosses.

If you have any questions, please do not hesitate to contact me at (304) 266-4707.

Sincerely,

Daniel R. Chapman
Geologist/Drilling Operations Manager

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Office of Oil and Gas

JAN - 4 2022

WV Department of
Environmental Protection

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
NOTICE CERTIFICATION

Date of Notice Certification: 1/3/23

4701503510

API No. 47- 015 -
Operator's Well No. C2H WV0488
Well Pad Name: Brown, Goshorn, Swann Pad C

02/10/2023

Notice has been given:

Pursuant to the provisions in West Virginia Code § 22-6A, the Operator has provided the required parties with the Notice Forms listed below for the tract of land as follows:

State: <u>WV</u>	UTM NAD 83 Easting: <u>485,108.39</u>
County: <u>Clay</u>	Northing: <u>4,260,073.48</u>
District: <u>Henry</u>	Public Road Access: <u>CR 13/2</u>
Quadrangle: <u>Elkhurst 7.5'</u>	Generally used farm name: <u>Brown, Goshorn, Swann Pad C</u>
Watershed: <u>Hornor Fork & Laurel Creek</u>	

Pursuant to West Virginia Code § 22-6A-7(b), every permit application filed under this section shall be on a form as may be prescribed by the secretary, shall be verified and shall contain the following information: (14) A certification from the operator that (i) it has provided the owners of the surface described in subdivisions (1), (2) and (4), subsection (b), section ten of this article, the information required by subsections (b) and (c), section sixteen of this article; (ii) that the requirement was deemed satisfied as a result of giving the surface owner notice of entry to survey pursuant to subsection (a), section ten of this article six-a; or (iii) the notice requirements of subsection (b), section sixteen of this article were waived in writing by the surface owner; and Pursuant to West Virginia Code § 22-6A-11(b), the applicant shall tender proof of and certify to the secretary that the notice requirements of section ten of this article have been completed by the applicant.

<p>Pursuant to West Virginia Code § 22-6A, the Operator has attached proof to this Notice Certification that the Operator has properly served the required parties with the following:</p> <p>*PLEASE CHECK ALL THAT APPLY</p> <p><input type="checkbox"/> 1. NOTICE OF SEISMIC ACTIVITY or <input checked="" type="checkbox"/> NOTICE NOT REQUIRED BECAUSE NO SEISMIC ACTIVITY WAS CONDUCTED</p> <p><input type="checkbox"/> 2. NOTICE OF ENTRY FOR PLAT SURVEY or <input checked="" type="checkbox"/> NO PLAT SURVEY WAS CONDUCTED</p> <p><input checked="" type="checkbox"/> 3. NOTICE OF INTENT TO DRILL or <input type="checkbox"/> NOTICE NOT REQUIRED BECAUSE NOTICE OF ENTRY FOR PLAT SURVEY WAS CONDUCTED or</p> <p><input type="checkbox"/> WRITTEN WAIVER BY SURFACE OWNER (PLEASE ATTACH) RECEIVED Office of Oil and Gas JAN - 4 2022 WV Department of Environmental Protection</p> <p><input checked="" type="checkbox"/> 4. NOTICE OF PLANNED OPERATION</p> <p><input checked="" type="checkbox"/> 5. PUBLIC NOTICE</p> <p><input checked="" type="checkbox"/> 6. NOTICE OF APPLICATION</p>		<p>OOG OFFICE USE ONLY</p> <p><input type="checkbox"/> RECEIVED/ NOT REQUIRED</p> <p><input type="checkbox"/> RECEIVED</p> <p><input type="checkbox"/> RECEIVED/ NOT REQUIRED</p> <p><input type="checkbox"/> RECEIVED</p> <p><input type="checkbox"/> RECEIVED</p> <p><input type="checkbox"/> RECEIVED</p>
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Required Attachments:

The Operator shall attach to this Notice Certification Form all Notice Forms and Certifications of Notice that have been provided to the required parties and/or any associated written waivers. For the Public Notice, the operator shall attach a copy of the Class II Legal Advertisement with publication date verification or the associated Affidavit of Publication. The attached Notice Forms and Certifications of Notice shall serve as proof that the required parties have been noticed as required under West Virginia Code § 22-6A. Pursuant to West Virginia Code § 22-6A-11(b), the Certification of Notice to the person may be made by affidavit of personal service, the return receipt card or other postal receipt for certified mailing.

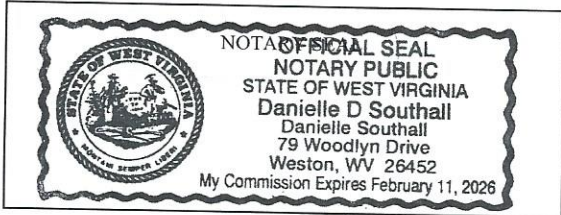
Certification of Notice is hereby given:

THEREFORE, I Mike Shaver, have read and understand the notice requirements within West Virginia Code § 22-6A. I certify that as required under West Virginia Code § 22-6A, I have served the attached copies of the Notice Forms, identified above, to the required parties through personal service, by registered mail or by any method of delivery that requires a receipt or signature confirmation. I certify under penalty of law that I have personally examined and am familiar with the information submitted in this Notice Certification 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.

02/10/2023

Well Operator: Mountain V Oil and Gas
By: Mike Shaver
Its: President
Telephone: (304) 842-6320

Address: PO Box 904
Buckhannon, WV 26201
Facsimile: (304) 842-0016
Email: smsnaver@earthlink.net



Subscribed and sworn before me this 21st day of December, 2022
[Signature] Notary Public
My Commission Expires Feb. 11, 2024

Oil and Gas Privacy Notice:

The Office of Oil and Gas processes your personal information, such as name, address and telephone 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 or your personal information, please contact DEP's Chief Privacy Officer at depprivacyofficer@wv.gov.

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Office of Oil and Gas
JAN - 4 2022
WV Department of
Environmental Protection

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
NOTICE OF APPLICATION

Notice Time Requirement: notice shall be provided no later than the **filing date of permit application.**

Date of Notice: 1/3/23 Date Permit Application Filed: 1/3/23

02/10/2023

Notice of:

- PERMIT FOR ANY WELL WORK
- CERTIFICATE OF APPROVAL FOR THE CONSTRUCTION OF AN IMPOUNDMENT OR PIT

Delivery method pursuant to West Virginia Code § 22-6A-10(b)

- PERSONAL SERVICE
- REGISTERED MAIL
- METHOD OF DELIVERY THAT REQUIRES A RECEIPT OR SIGNATURE CONFIRMATION

Pursuant to W. Va. Code § 22-6A-10(b) no later than the filing date of the application, the applicant for a permit for any well work or for a certificate of approval for the construction of an impoundment or pit as required by this article shall deliver, by personal service or by registered mail or by any method of delivery that requires a receipt or signature confirmation, copies of the application, the erosion and sediment control plan required by section seven of this article, and the well plat to each of the following persons: (1) The owners of record of the surface of the tract on which the well is or is proposed to be located; (2) The owners of record of the surface tract or tracts overlying the oil and gas leasehold being developed by the proposed well work, if the surface tract is to be used for roads or other land disturbance as described in the erosion and sediment control plan submitted pursuant to subsection (c), section seven of this article; (3) The coal owner, operator or lessee, in the event the tract of land on which the well proposed to be drilled is located [sic] is known to be underlain by one or more coal seams; (4) The owners of record of the surface tract or tracts overlying the oil and gas leasehold being developed by the proposed well work, if the surface tract is to be used for the placement, construction, enlargement, alteration, repair, removal or abandonment of any impoundment or pit as described in section nine of this article; (5) Any surface owner or water purveyor who is known to the applicant to have a water well, spring or water supply source located within one thousand five hundred feet of the center of the well pad which is used to provide water for consumption by humans or domestic animals; and (6) The operator of any natural gas storage field within which the proposed well work activity is to take place. (c)(1) If more than three tenants in common or other co-owners of interests described in subsection (b) of this section hold interests in the lands, the applicant may serve the documents required upon the person described in the records of the sheriff required to be maintained pursuant to section eight, article one, chapter eleven-a of this code. (2) Notwithstanding any provision of this article to the contrary, notice to a lien holder is not notice to a landowner, unless the lien holder is the landowner. W. Va. Code R. § 35-8-5.7.a requires, in part, that the operator shall also provide the Well Site Safety Plan ("WSSP") to the surface owner and any water purveyor or surface owner subject to notice and water testing as provided in section 15 of this rule.

Application Notice WSSP Notice E&S Plan Notice Well Plat Notice is hereby provided to:

SURFACE OWNER(s)

Name: See Attached
Address: _____

Name: _____
Address: _____

SURFACE OWNER(s) (Road and/or Other Disturbance)

Name: _____
Address: _____

Name: _____
Address: _____

SURFACE OWNER(s) (Impoundments or Pits)

Name: _____
Address: _____

COAL OWNER OR LESSEE

Name: _____
Address: _____

COAL OPERATOR

Name: _____
Address: _____

SURFACE OWNER OF WATER WEIR AND/OR WATER PURVEYOR(s)

Name: _____
Address: _____

OPERATOR OF ANY NATURAL GAS STORAGE FIELD

Name: _____
Address: _____

*Please attach additional forms if necessary

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Office of Oil and Gas
JAN - 4 2023
WV Department of
Environmental Protection

Notice is hereby given:

Pursuant to West Virginia Code § 22-6A-10(b), notice is hereby given that the undersigned well operator has applied for a permit for well work or for a certificate of approval for the construction of an impoundment or pit.

This Notice Shall Include:

Pursuant to W. Va. Code § 22-6A-10(b), this notice shall include: (1) copies of the application; (2) the erosion and sediment control plan required by section seven of this article; and (3) the well plat. 02/10/2023

Pursuant to W. Va. Code § 22-6A-10(f), this notice shall include: (1) a statement of the time limits for filing written comments; (2) who may file written comments; (3) the name and address of the secretary for the purpose of filing the comments and obtaining additional information; and (4) a statement that the persons may request, at the time of submitting written comments, notice of the permit decision and a list of persons qualified to test water.

Pursuant to W. Va. Code R. § 35-8-5.7.a, the operator shall provide the Well Site Safety Plan to the surface owner and any water purveyor or surface owner subject to notice and water testing as provided in section 15 of this rule.

Pursuant to W. Va. Code R. § 35-8-15.2.c, this notice shall: (1) contain a statement of the surface owner's and water purveyor's right to request sampling and analysis; (2) advise the surface owner and water purveyor of the rebuttable presumption for contamination or deprivation of a fresh water source or supply; advise the surface owner and water purveyor that refusal to allow the operator to conduct a pre-drilling water well test constitutes a method to rebut the presumption of liability; (3) advise the surface owner and water purveyor of his or her independent right to sample and analyze any water supply at his or her own expense; advise the surface owner and water purveyor whether or not the operator will utilize an independent laboratory to analyze any sample; and (4) advise the surface owner and or water purveyor that he or she can obtain from the Chief a list of water testing laboratories in the subject area capable of and qualified to test water supplies in accordance with standard acceptable methods.

Additional information related to horizontal drilling may be obtained from the Secretary, at the WV Department of Environmental Protection headquarters, located at 601 57th Street, SE, Charleston, WV 25304 (304-926-0450) or by visiting www.dep.wv.gov/oil-and-gas/pages/default.aspx.

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Office of Oil and Gas
WV Department of Environmental Protection
February 10, 2023

Well Location Restrictions

Pursuant to W. Va. Code § 22-6A-12, Wells may not be drilled within two hundred fifty feet measured horizontally from any existing water well or developed spring used for human or domestic animal consumption. The center of well pads may not be located within six hundred twenty-five feet of an occupied dwelling structure, or a building two thousand five hundred square feet or larger used to house or shelter dairy cattle or poultry husbandry. This limitation is applicable to those wells, developed springs, dwellings or agricultural buildings that existed on the date a notice to the surface owner of planned entry for surveying or staking as provided in section ten of this article or a notice of intent to drill a horizontal well as provided in subsection (b), section sixteen of this article was provided, whichever occurs first, and to any dwelling under construction prior to that date. This limitation may be waived by written consent of the surface owner transmitted to the department and recorded in the real property records maintained by the clerk of the county commission for the county in which such property is located. Furthermore, the well operator may be granted a variance by the secretary from these distance restrictions upon submission of a plan which identifies the sufficient measures, facilities or practices to be employed during well site construction, drilling and operations. The variance, if granted, shall include terms and conditions the department requires to ensure the safety and protection of affected persons and property. The terms and conditions may include insurance, bonding and indemnification, as well as technical requirements. (b) No well pad may be prepared or well drilled within one hundred feet measured horizontally from any perennial stream, natural or artificial lake, pond or reservoir, or a wetland, or within three hundred feet of a naturally reproducing trout stream. No well pad may be located within one thousand feet of a surface or ground water intake of a public water supply. The distance from the public water supply as identified by the department shall be measured as follows: (1) For a surface water intake on a lake or reservoir, the distance shall be measured from the boundary of the lake or reservoir. (2) For a surface water intake on a flowing stream, the distance shall be measured from a semicircular radius extending upstream of the surface water intake. (3) For a groundwater source, the distance shall be measured from the wellhead or spring. The department may, in its discretion, waive these distance restrictions upon submission of a plan identifying sufficient measures, facilities or practices to be employed during well site construction, drilling and operations to protect the waters of the state. A waiver, if granted, shall impose any permit conditions as the secretary considers necessary. (c) Notwithstanding the foregoing provisions of this section, nothing contained in this section prevents an operator from conducting the activities permitted or authorized by a Clean Water Act Section 404 permit or other approval from the United States Army Corps of Engineers within any waters of the state or within the restricted areas referenced in this section. (d) The well location restrictions set forth in this section shall not apply to any well on a multiple well pad if at least one of the wells was permitted prior to the effective date of this article. (e) The secretary shall, by December 31, 2012, report to the Legislature on the noise, light, dust and volatile organic compounds generated by the drilling of horizontal wells as they relate to the well location restrictions regarding occupied dwelling structures pursuant to this section. Upon a finding, if any, by the secretary that the well location restrictions regarding occupied dwelling structures are inadequate or otherwise require alteration to address the items

WV Department of Environmental Protection

examined in the study required by this subsection, the secretary shall have the authority to propose for promulgation legislative rules establishing guidelines and procedures regarding reasonable levels of noise, light, dust and volatile organic compounds relating to drilling horizontal wells, including reasonable means of mitigating such factors, if necessary.

Water Well Testing:

Pursuant to West Virginia Code § 22-6A-10(d), notification shall be made, with respect to surface landowners identified in subsection (b) or water purveyors identified in subdivision (5), subsection (b) of this section, of the opportunity for testing their water well. The operator shall provide an analysis to such surface landowner or water purveyor at their request.

02/10/2023

Water Testing Laboratories:

Pursuant to West Virginia Code § 22-6A-10(i), persons entitled to notice pursuant to subsection (b) of this section may contact the department to ascertain the names and locations of water testing laboratories in the subject area capable and qualified to test water supplies in accordance with standard accepted methods. In compiling that list of names the department shall consult with the state Bureau for Public Health and local health departments. A surface owner and water purveyor has an independent right to sample and analyze any water supply at his or her own expense. The laboratory utilized by the operator shall be approved by the agency as being certified and capable of performing sample analyses in accordance with this section.

Rebuttable Presumption for Contamination or Deprivation of a Fresh Water Source or Supply:

W. Va. Code § 22-6A-18 requires that (b) unless rebutted by one of the defenses established in subsection (c) of this section, in any action for contamination or deprivation of a fresh water source or supply within one thousand five hundred feet of the center of the well pad for horizontal well, there is a rebuttable presumption that the drilling and the oil or gas well or either was the proximate cause of the contamination or deprivation of the fresh water source or supply. (c) In order to rebut the presumption of liability established in subsection (b) of this section, the operator must prove by a preponderance of the evidence one of the following defenses: (1) The pollution existed prior to the drilling or alteration activity as determined by a predrilling or prealteration water well test. (2) The landowner or water purveyor refused to allow the operator access to the property to conduct a predrilling or prealteration water well test. (3) The water supply is not within one thousand five hundred feet of the well. (4) The pollution occurred more than six months after completion of drilling or alteration activities. (5) The pollution occurred as the result of some cause other than the drilling or alteration activity. (d) Any operator electing to preserve its defenses under subdivision (1), subsection (c) of this section shall retain the services of an independent certified laboratory to conduct the predrilling or prealteration water well test. A copy of the results of the test shall be submitted to the department and the surface owner or water purveyor in a manner prescribed by the secretary. (e) Any operator shall replace the water supply of an owner of interest in real property who obtains all or part of that owner's supply of water for domestic, agricultural, industrial or other legitimate use from an underground or surface source with a comparable water supply where the secretary determines that the water supply has been affected by contamination, diminution or interruption proximately caused by the oil or gas operation, unless waived in writing by that owner. (f) The secretary may order the operator conducting the oil or gas operation to: (1) Provide an emergency drinking water supply within twenty-four hours; (2) Provide temporary water supply within seventy-two hours; (3) Within thirty days begin activities to establish a permanent water supply or submit a proposal to the secretary outlining the measures and timetables to be used in establishing a permanent supply. The total time in providing permanent water supply may not exceed two years. If the operator demonstrates that providing a permanent replacement water supply cannot be completed within two years, the secretary may extend the time frame on case-by-case basis; and (4) Pay all reasonable costs incurred by the real property owner in securing a water supply. (g) A person as described in subsection (b) of this section aggrieved under the provisions of subsections (b), (e) or (f) of this section may seek relief in court... (i) Notwithstanding the denial of the operator of responsibility for the damage to the real property owner's water supply or the status of any appeal on determination of liability for the damage to the real property owner's water supply, the operator may not discontinue providing the required water service until authorized to do so by the secretary or a court of competent jurisdiction.

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Office of Oil and Gas
JAN - 4 2023
WV Department of Environmental Protection

Written Comment:

Pursuant to West Virginia Code § 22-6A-11(a), all persons described in subsection (b), section ten of this article may file written comments with the secretary as to the location or construction of the applicant's proposed well work within thirty days after the application is filed with the secretary. All persons described in West Virginia Code § 22-6A-10(b) may file written comments as to the location or construction of the applicant's proposed well work to the Secretary at:

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

Such persons may request, at the time of submitting written comments, notice of the permit decision and a list of persons qualified to test water. **NOTE: YOU ARE NOT REQUIRED TO FILE ANY COMMENT.**

Time Limits and Methods for Filing Comments.

The law requires these materials to be served on or before the date the operator files its Application. You have **THIRTY (30) 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.

02/10/2023

Pursuant to West Virginia Code § 22-6A-11(c)(2), Any objections of the affected coal operators and coal seam owners and lessees shall be addressed through the processes and procedures that exist under sections fifteen, seventeen and forty, article six of this chapter, as applicable and as incorporated into this article by section five of this article. The written comments filed by the parties entitled to notice under subdivisions (1), (2), (4), (5) and (6), subsection (b), section ten of this article shall be considered by the secretary in the permit issuance process, but the parties are not entitled to participate in the processes and proceedings that exist under sections fifteen, seventeen or forty, article six of this chapter, as applicable and as incorporated into this article by section five of this article.

Comment Requirements

Your comments must be in writing and 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.

Disclaimer: All comments received will be placed on our web site <http://www.dep.wv.gov/oil-and-gas/Horizontal-Permits/Pages/default.aspx> and the applicant will automatically be forwarded an email notice that such comments have been submitted. The applicant will be expected to provide a response to comments submitted by any surface owner, water purveyor or natural gas storage operator noticed within the application.

Permit Denial or Condition

The Chief has the power to deny or condition a well work permit. Pursuant to West Virginia Code § 22-6A-8(d), the permit may not be issued or be conditioned, including conditions with respect to the location of the well and access roads prior to issuance if the director determines that:

- (1) The proposed well work will constitute a hazard to the safety of persons;
- (2) The plan for soil erosion and sediment control is not adequate or effective;
- (3) Damage would occur to publicly owned lands or resources; or
- (4) The proposed well work fails to protect fresh water sources or supplies.

A permit may also be denied under West Virginia Code § 22-6A-7(k), the secretary shall deny the issuance of a permit if the secretary determines that the applicant has committed a substantial violation of a previously issued permit for a horizontal well, including the applicable erosion and sediment control plan associated with the previously issued permit, or a substantial violation of one or more of the rules promulgated under this article, and in each instance has failed to abate or seek review of the violation within the time prescribed by the secretary pursuant to the provisions of subdivisions (1) and (2), subsection (a), section five of this article and the rules promulgated hereunder, which time may not be unreasonable.

Pursuant to West Virginia Code § 22-6A-10(g), any person entitled to submit written comments to the secretary pursuant to subsection (a), section eleven of this article, shall also be entitled to receive from the secretary a copy of the permit as issued or a copy of the order modifying or denying the permit if the person requests receipt of them as a part of the written comments submitted concerning the permit application. Such persons may request, at the time of submitting written comments, **RECEIVED** Office of the Permit Decision and a list of persons qualified to test water.

JAN - 4 2022

WV Department of
Environmental Protection

WW-6A
(8-13)

4701503510

API NO. 47-015
OPERATOR WELL NO. C2H WV0488
Well Pad Name: Brown, Goshorn, Swann Pad C

Notice is hereby given by:

Well Operator: Mountain V Oil & Gas
Telephone: (304) 842-6320
Email: smshaver@earthlink.net

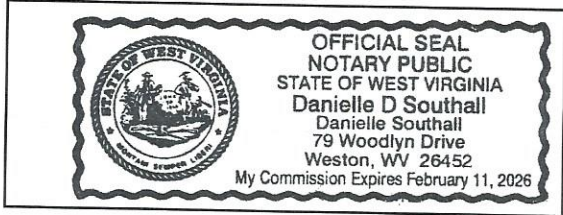


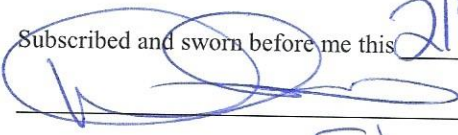
Address: PO Box 904
Buckhannon, WV 26201
Facsimile: (304) 842-0016

Oil and Gas Privacy Notice:

The Office of Oil and Gas processes your personal information, such as name, address and telephone 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 or your personal information, please contact DEP's Chief Privacy Officer at deprivacyofficer@wv.gov.

02/10/2023



Subscribed and sworn before me this 21st day of December 2022
 Notary Public

My Commission Expires Feb. 11, 2026

RECEIVED
Office of Oil and Gas

JAN - 4 2022

WV Department of
Environmental Protection

4701503510

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
NOTICE OF INTENT TO DRILL

Pursuant to W. Va. Code § 22-6A-16(b), the Notice of Intent to Drill is only required if the notice requirements of W. Va. Code § 22-6A-10(a) have NOT been met or if the Notice of Intent to Drill requirement has NOT been waived in writing by the surface owner.

Notice Time Requirement: Notice shall be provided at least TEN (10) days prior to filing a permit application.

Date of Notice: 12/20/22 **Date Permit Application Filed:** 1/3/23

02/10/2023

Delivery method pursuant to West Virginia Code § 22-6A-16(b)

- HAND DELIVERY
- CERTIFIED MAIL RETURN RECEIPT REQUESTED

Pursuant to W. Va. Code § 22-6A-16(b), at least ten days prior to filing a permit application, an operator shall, by certified mail return receipt requested or hand delivery, give the surface owner notice of its intent to enter upon the surface owner's land for the purpose of drilling a horizontal well: *Provided*, That notice given pursuant to subsection (a), section ten of this article satisfies the requirements of this subsection as of the date the notice was provided to the surface owner: *Provided, however*, That the notice requirements of this subsection may be waived in writing by the surface owner. The notice, if required, shall include the name, address, telephone number, and if available, facsimile number and electronic mail address of the operator and the operator's authorized representative.

Notice is hereby provided to the SURFACE OWNER(s):

Name: Jim Lennox
Address: 30 Lennox Lane
Prociou, WV 25164

Name: _____
Address: _____

RECEIVED
Office of Oil and Gas

JAN - 4 2022

WV Department of
Environmental Protection

Notice is hereby given:

Pursuant to West Virginia Code § 22-6A-16(b), notice is hereby given that the undersigned well operator has an intent to enter upon the surface owner's land for the purpose of drilling a horizontal well on the tract of land as follows:

State: <u>WV</u>	UTM NAD 83	Easting: <u>485,108.39</u>
County: <u>Clay</u>		Northing: <u>4,260,073.48</u>
District: <u>Henry</u>	Public Road Access: <u>CR 13/2</u>	
Quadrangle: <u>Elkhurst 7.5'</u>	Generally used farm name: <u>Brown, Goshorn, Swann Pad C</u>	
Watershed: <u>Horner Fork & Laurel Creek</u>		

This Notice Shall Include:

Pursuant to West Virginia Code § 22-6A-16(b), this notice shall include the name, address, telephone number, and if available, facsimile number and electronic mail address of the operator and the operator's authorized representative. Additional information related to horizontal drilling may be obtained from the Secretary, at the WV Department of Environmental Protection headquarters, located at 601 57th Street, SE, Charleston, WV 25304 (304-926-0450) or by visiting www.dep.wv.gov/oil-and-gas/pages/default.aspx.

Notice is hereby given by:

Well Operator: Mountain V Oil and Gas
Address: PO Box 904
Buckhannon, WV 26201
Telephone: (304) 842-6320
Email: smshaver@earthlink.net
Facsimile: (304) 842-0016

Authorized Representative: _____
Address: _____
Telephone: _____
Email: _____
Facsimile: _____

Oil and Gas Privacy Notice:

The Office of Oil and Gas processes your personal information, such as name, address and telephone 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 or your personal information, please contact DEP's Chief Privacy Officer at depprivacyofficer@wv.gov.

**STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
NOTICE OF INTENT TO DRILL**

Pursuant to W. Va. Code § 22-6A-16(b), the Notice of Intent to Drill is only required if the notice requirements of W. Va. Code § 22-6A-10(a) have NOT been met or if the Notice of Intent to Drill requirement has NOT been waived in writing by the surface owner.

Notice Time Requirement: Notice shall be provided at least TEN (10) days prior to filing a permit application.

02/10/2023

Date of Notice: 12/20/22 **Date Permit Application Filed:** 1/3/23

Delivery method pursuant to West Virginia Code § 22-6A-16(b)

- HAND DELIVERY
- CERTIFIED MAIL RETURN RECEIPT REQUESTED

Pursuant to W. Va. Code § 22-6A-16(b), at least ten days prior to filing a permit application, an operator shall, by certified mail return receipt requested or hand delivery, give the surface owner notice of its intent to enter upon the surface owner's land for the purpose of drilling a horizontal well: *Provided*, That notice given pursuant to subsection (a), section ten of this article satisfies the requirements of this subsection as of the date the notice was provided to the surface owner: *Provided, however*, That the notice requirements of this subsection may be waived in writing by the surface owner. The notice, if required, shall include the name, address, telephone number, and if available, facsimile number and electronic mail address of the operator and the operator's authorized representative.

Notice is hereby provided to the SURFACE OWNER(s):

Name: Ronald Given
Address: 3313 W. Salem Road
Burbank, OH 44214

Name: _____
Address: _____

Notice is hereby given:

Pursuant to West Virginia Code § 22-6A-16(b), notice is hereby given that the undersigned well operator has an intent to enter upon the surface owner's land for the purpose of drilling a horizontal well on the tract of land as follows:

State: WV
County: Clay
District: Henry
Quadrangle: Elkhurst 7.5'
Watershed: Hornor Fork & Laurel Creek

UTM NAD 83 Easting: 485,108.39
Northing: 4,260,073.48
Public Road Access: CR 13/2
Generally used farm name: Brown, Goshorn, Swann Pad C

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WV Department of Environmental Protection

This Notice Shall Include:

Pursuant to West Virginia Code § 22-6A-16(b), this notice shall include the name, address, telephone number, and if available, facsimile number and electronic mail address of the operator and the operator's authorized representative. Additional information related to horizontal drilling may be obtained from the Secretary, at the WV Department of Environmental Protection headquarters, located at 601 57th Street, SE, Charleston, WV 25304 (304-926-0450) or by visiting www.dep.wv.gov/oil-and-gas/pages/default.aspx.

Notice is hereby given by:

Well Operator: Mountain V Oil and Gas
Address: PO Box 904
Buckhannon, WV 26201
Telephone: (304) 842-6320
Email: smsnaver@earthlink.net
Facsimile: (304) 842-0016

Authorized Representative: _____
Address: _____
Telephone: _____
Email: _____
Facsimile: _____

Oil and Gas Privacy Notice:

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STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
NOTICE OF INTENT TO DRILL

Pursuant to W. Va. Code § 22-6A-16(b), the Notice of Intent to Drill is only required if the notice requirements of W. Va. Code § 22-6A-10(a) have NOT been met or if the Notice of Intent to Drill requirement has NOT been waived in writing by the surface owner.

Notice Time Requirement: Notice shall be provided at least TEN (10) days prior to filing a permit application.

02/10/2023

Date of Notice: 12/20/22 Date Permit Application Filed: 1/3/23

Delivery method pursuant to West Virginia Code § 22-6A-16(b)

- HAND DELIVERY
- CERTIFIED MAIL RETURN RECEIPT REQUESTED

Pursuant to W. Va. Code § 22-6A-16(b), at least ten days prior to filing a permit application, an operator shall, by certified mail return receipt requested or hand delivery, give the surface owner notice of its intent to enter upon the surface owner's land for the purpose of drilling a horizontal well: *Provided*, That notice given pursuant to subsection (a), section ten of this article satisfies the requirements of this subsection as of the date the notice was provided to the surface owner: *Provided, however*, That the notice requirements of this subsection may be waived in writing by the surface owner. The notice, if required, shall include the name, address, telephone number, and if available, facsimile number and electronic mail address of the operator and the operator's authorized representative.

Notice is hereby provided to the SURFACE OWNER(s):

Name: Christopher Grove
Address: 444 Finzel Road
Frostburg, MD 21532

Name: _____
Address: _____

Notice is hereby given:

Pursuant to West Virginia Code § 22-6A-16(b), notice is hereby given that the undersigned well operator has an intent to enter upon the surface owner's land for the purpose of drilling a horizontal well on the tract of land as follows:

State: <u>WV</u>	UTM NAD 83 Easting: <u>485,108.39</u>
County: <u>Clay</u>	Northing: <u>4,260,073.48</u>
District: <u>Henry</u>	Public Road Access: <u>CR 13/2</u>
Quadrangle: <u>Elkhurst 7.5'</u>	Generally used farm name: <u>Brown, Goshorn, Swann Pad C</u>
Watershed: <u>Horne Fork & Laurel Creek</u>	

This Notice Shall Include:

Pursuant to West Virginia Code § 22-6A-16(b), this notice shall include the name, address, telephone number and if available, facsimile number and electronic mail address of the operator and the operator's authorized representative. Additional information related to horizontal drilling may be obtained from the Secretary, at the WV Department of Environmental Protection headquarters, located at 601 57th Street, SE, Charleston, WV 25304 (304-926-0450) or by visiting www.dep.wv.gov/oil-and-gas/propagates/default.aspx.

Notice is hereby given by:

Well Operator: Mountain V Oil and Gas
Address: PO Box 904
Buckhannon, WV 26201
Telephone: (304) 842-6320
Email: smshaver@earthlink.net
Facsimile: (304) 842-0016

Authorized Representative: _____
Address: _____
Telephone: _____
Email: _____
Facsimile: _____

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Office of Oil and Gas
JAN 10 2023
WV DEPARTMENT OF ENVIRONMENTAL PROTECTION

4701503510

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
NOTICE OF INTENT TO DRILL

Pursuant to W. Va. Code § 22-6A-16(b), the Notice of Intent to Drill is only required if the notice requirements of W. Va. Code § 22-6A-10(a) have NOT been met or if the Notice of Intent to Drill requirement has NOT been waived in writing by the surface owner.

Notice Time Requirement: Notice shall be provided at least TEN (10) days prior to filing a permit application.

02/10/2023

Date of Notice: 12/20/22 **Date Permit Application Filed:** 1/3/23

Delivery method pursuant to West Virginia Code § 22-6A-16(b)

- HAND DELIVERY
- CERTIFIED MAIL RETURN RECEIPT REQUESTED

Pursuant to W. Va. Code § 22-6A-16(b), at least ten days prior to filing a permit application, an operator shall, by certified mail return receipt requested or hand delivery, give the surface owner notice of its intent to enter upon the surface owner's land for the purpose of drilling a horizontal well: *Provided*, That notice given pursuant to subsection (a), section ten of this article satisfies the requirements of this subsection as of the date the notice was provided to the surface owner: *Provided, however*, That the notice requirements of this subsection may be waived in writing by the surface owner. The notice, if required, shall include the name, address, telephone number, and if available, facsimile number and electronic mail address of the operator and the operator's authorized representative.

Notice is hereby provided to the SURFACE OWNER(s):

Name: Walter Primas, Jr.
Address: 528 Left Fork of Twistabout Road
Prociuous, WV 25164

Name: _____
Address: _____

Notice is hereby given:

Pursuant to West Virginia Code § 22-6A-16(b), notice is hereby given that the undersigned well operator has an intent to enter upon the surface owner's land for the purpose of drilling a horizontal well on the tract of land as follows:

State: <u>WV</u>	UTM NAD 83 Easting: <u>485,108.39</u>
County: <u>Clay</u>	Northing: <u>4,260,073.48</u>
District: <u>Henry</u>	Public Road Access: <u>CR 13/2</u>
Quadrangle: <u>Elkhurst 7.5'</u>	Generally used farm name: <u>Brown, Goshorn, Swann Pad C</u>
Watershed: <u>Horne Fork & Laurel Creek</u>	

This Notice Shall Include:

Pursuant to West Virginia Code § 22-6A-16(b), this notice shall include the name, address, telephone number, and if available, facsimile number and electronic mail address of the operator and the operator's authorized representative. Additional information related to horizontal drilling may be obtained from the Secretary, at the WV Department of Environmental Protection headquarters, located at 601 57th Street, SE, Charleston, WV 25304 (304-926-0450) or by visiting www.dep.wv.gov/oil-and-gas/pages/default.aspx.

Notice is hereby given by:

Well Operator: Mountain V Oil and Gas
Address: PO Box 904
Buckhannon, WV 26201
Telephone: (304) 842-6320
Email: smshaver@earthlink.net
Facsimile: (304) 842-0016

Authorized Representative: _____
Address: _____
Telephone: _____
Email: _____
Facsimile: _____

Office of Oil and Gas
WV Department of Environmental Protection
4 2022

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STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
NOTICE OF INTENT TO DRILL

Pursuant to W. Va. Code § 22-6A-16(b), the Notice of Intent to Drill is only required if the notice requirements of W. Va. Code § 22-6A-10(a) have NOT been met or if the Notice of Intent to Drill requirement has NOT been waived in writing by the surface owner.

Notice Time Requirement: Notice shall be provided at least TEN (10) days prior to filing a permit application.

02/10/2023

Date of Notice: 12/20/22 Date Permit Application Filed: 1/3/23

Delivery method pursuant to West Virginia Code § 22-6A-16(b)

- HAND DELIVERY
- CERTIFIED MAIL RETURN RECEIPT REQUESTED

Pursuant to W. Va. Code § 22-6A-16(b), at least ten days prior to filing a permit application, an operator shall, by certified mail return receipt requested or hand delivery, give the surface owner notice of its intent to enter upon the surface owner's land for the purpose of drilling a horizontal well: *Provided*, That notice given pursuant to subsection (a), section ten of this article satisfies the requirements of this subsection as of the date the notice was provided to the surface owner: *Provided, however*, That the notice requirements of this subsection may be waived in writing by the surface owner. The notice, if required, shall include the name, address, telephone number, and if available, facsimile number and electronic mail address of the operator and the operator's authorized representative.

Notice is hereby provided to the SURFACE OWNER(s):

Name: Joseph Fitzwater
Address: 15 Lacy Hollow Road
Charleston, WV 25311

Name: _____
Address: _____

Notice is hereby given:

Pursuant to West Virginia Code § 22-6A-16(b), notice is hereby given that the undersigned well operator has an intent to enter upon the surface owner's land for the purpose of drilling a horizontal well on the tract of land as follows:

State: <u>WV</u>	UTM NAD 83 Easting: <u>485,108.39</u>
County: <u>Clay</u>	Northing: <u>4,260,073.48</u>
District: <u>Henry</u>	Public Road Access: <u>CR 13/2</u>
Quadrangle: <u>Elkhurst 7.5'</u>	Generally used farm name: <u>Brown, Goshorn, Swann Pad C</u>
Watershed: <u>Hornor Fork & Laurel Creek</u>	

This Notice Shall Include:

Pursuant to West Virginia Code § 22-6A-16(b), this notice shall include the name, address, telephone number, and if available, facsimile number and electronic mail address of the operator and the operator's authorized representative. Additional information related to horizontal drilling may be obtained from the Secretary, at the WV Department of Environmental Protection headquarters, located at 601 57th Street, SE, Charleston, WV 25304 (304-926-0450) or by visiting www.dep.wv.gov/oil-and-gas/pages/default.aspx.

Notice is hereby given by:

Well Operator: Mountain V Oil and Gas
Address: PO Box 904
Buckhannon, WV 26201
Telephone: (304) 842-6320
Email: smshaver@earthlink.net
Facsimile: (304) 842-0016

Authorized Representative: _____
Address: _____
Telephone: _____
Email: _____
Facsimile: _____

JAN - 4 2022
Office of Oil and Gas
WV Department of Environmental Protection

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STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
NOTICE OF INTENT TO DRILL

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Notice Time Requirement: Notice shall be provided at least TEN (10) days prior to filing a permit application.

02/10/2023

Date of Notice: 12/22/22 **Date Permit Application Filed:** 1/3/23

Delivery method pursuant to West Virginia Code § 22-6A-16(b)

- HAND DELIVERY
- CERTIFIED MAIL RETURN RECEIPT REQUESTED

Pursuant to W. Va. Code § 22-6A-16(b), at least ten days prior to filing a permit application, an operator shall, by certified mail return receipt requested or hand delivery, give the surface owner notice of its intent to enter upon the surface owner's land for the purpose of drilling a horizontal well: *Provided*, That notice given pursuant to subsection (a), section ten of this article satisfies the requirements of this subsection as of the date the notice was provided to the surface owner: *Provided, however*, That the notice requirements of this subsection may be waived in writing by the surface owner. The notice, if required, shall include the name, address, telephone number, and if available, facsimile number and electronic mail address of the operator and the operator's authorized representative.

Notice is hereby provided to the SURFACE OWNER(s):

Name: Dalton Holcomb, et al
Address: 5015 Precious Maysel Road
Precious, WV 25164

Name: _____
Address: WV Department of Environmental Protection

JAN - 4 2022

Notice is hereby given:

Pursuant to West Virginia Code § 22-6A-16(b), notice is hereby given that the undersigned well operator has an intent to enter upon the surface owner's land for the purpose of drilling a horizontal well on the tract of land as follows:

State: <u>WV</u>	UTM NAD 83 Easting: <u>485,108.39</u>
County: <u>Clay</u>	Northing: <u>4,260,073.48</u>
District: <u>Henry</u>	Public Road Access: <u>CR 13/2</u>
Quadrangle: <u>Elkhurst 7.5'</u>	Generally used farm name: <u>Brown, Goshorn, Swann Pad C</u>
Watershed: <u>Horne Fork & Laurel Creek</u>	

This Notice Shall Include:

Pursuant to West Virginia Code § 22-6A-16(b), this notice shall include the name, address, telephone number, and if available, facsimile number and electronic mail address of the operator and the operator's authorized representative. Additional information related to horizontal drilling may be obtained from the Secretary, at the WV Department of Environmental Protection headquarters, located at 601 57th Street, SE, Charleston, WV 25304 (304-926-0450) or by visiting www.dep.wv.gov/oil-and-gas/pages/default.aspx.

Notice is hereby given by:

Well Operator: Mountain V Oil and Gas
Address: PO Box 904
Buckhannon, WV 26201
Telephone: (304) 842-6320
Email: smshaver@earthlink.net
Facsimile: (304) 842-0016

Authorized Representative: _____
Address: _____
Telephone: _____
Email: _____
Facsimile: _____

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STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
NOTICE OF INTENT TO DRILL

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Notice Time Requirement: Notice shall be provided at least TEN (10) days prior to filing a permit application.
Date of Notice: 12/20/22 Date Permit Application Filed: 1/3/23

02/10/2023

Delivery method pursuant to West Virginia Code § 22-6A-16(b)

- HAND DELIVERY
- CERTIFIED MAIL RETURN RECEIPT REQUESTED

Pursuant to W. Va. Code § 22-6A-16(b), at least ten days prior to filing a permit application, an operator shall, by certified mail return receipt requested or hand delivery, give the surface owner notice of its intent to enter upon the surface owner's land for the purpose of drilling a horizontal well: *Provided*, That notice given pursuant to subsection (a), section ten of this article satisfies the requirements of this subsection as of the date the notice was provided to the surface owner: *Provided, however*, That the notice requirements of this subsection may be waived in writing by the surface owner. The notice, if required, shall include the name, address, telephone number, and if available, facsimile number and electronic mail address of the operator and the operator's authorized representative.

Notice is hereby provided to the SURFACE OWNER(s):

Name: Gerald Taylor, et ux
Address: 266 Left Fork Of Twistabout Road
Proclous, WV 25164

Name: _____
Address: _____

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Office of Oil and Gas

JAN - 4 2022

Notice is hereby given:

Pursuant to West Virginia Code § 22-6A-16(b), notice is hereby given that the undersigned well operator has an intent to enter upon the surface owner's land for the purpose of drilling a horizontal well on the tract of land as follows:

State: WV UTM NAD 83 Easting: 485,108.39
County: Clay Northing: 4,260,073.48
District: Henry Public Road Access: CR 13/2
Quadrangle: Elkhurst 7.5' Generally used farm name: Brown, Goshorn, Swann Pad C
Watershed: Horne Fork & Laurel Creek

This Notice Shall Include:

Pursuant to West Virginia Code § 22-6A-16(b), this notice shall include the name, address, telephone number, and if available, facsimile number and electronic mail address of the operator and the operator's authorized representative. Additional information related to horizontal drilling may be obtained from the Secretary, at the WV Department of Environmental Protection headquarters, located at 601 57th Street, SE, Charleston, WV 25304 (304-926-0450) or by visiting www.dep.wv.gov/oil-and-gas/pages/default.aspx.

Notice is hereby given by:

Well Operator: Mountain V Oil and Gas
Address: PO Box 904
Buckhannon, WV 26201
Telephone: (304) 842-6320
Email: smsnaver@earthlink.net
Facsimile: (304) 842-0016

Authorized Representative: _____
Address: _____
Telephone: _____
Email: _____
Facsimile: _____

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STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
NOTICE OF PLANNED OPERATION

Notice Time Requirement: notice shall be provided no later than the filing date of permit application.

Date of Notice: 12/20/22 Date Permit Application Filed: 11/3/23

Delivery method pursuant to West Virginia Code § 22-6A-16(c)

02/10/2023

- CERTIFIED MAIL RETURN RECEIPT REQUESTED
- HAND DELIVERY

Pursuant to W. Va. Code § 22-6A-16(c), no later than the date for filing the permit application, an operator shall, by certified mail return receipt requested or hand delivery, give the surface owner whose land will be used for the drilling of a horizontal well notice of the planned operation. The notice required by this subsection shall include: (1) A copy of this code section; (2) The information required to be provided by subsection (b), section ten of this article to a surface owner whose land will be used in conjunction with the drilling of a horizontal well; and (3) A proposed surface use and compensation agreement containing an offer of compensation for damages to the surface affected by oil and gas operations to the extent the damages are compensable under article six-b of this chapter. (d) The notices required by this section shall be given to the surface owner at the address listed in the records of the sheriff at the time of notice.

Notice is hereby provided to the SURFACE OWNER(s)
(at the address listed in the records of the sheriff at the time of notice):

Name: Jim Lennox
Address: 30 Lennox Lane
Prociou, WV 25164

Name: _____
Address: _____

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Office of Oil and Gas
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WV Department of Environmental Protection
Planned Operations

Notice is hereby given:

Pursuant to West Virginia Code § 22-6A-16(c), notice is hereby given that the undersigned well operator has developed a planned operation on the surface owner's land for the purpose of drilling a horizontal well on the tract of land as follows:

State: WV
County: Clay
District: Henry
Quadrangle: Elkhurst 7.5'
Watershed: Hornor Fork & Laurel Creek

UTM NAD 83 Easting: 485,108.39
Northing: 4,260,073.48
Public Road Access: CR 13/2
Generally used farm name: Brown, Goshorn, Swann Pad C

This Notice Shall Include:

Pursuant to West Virginia Code § 22-6A-16(c), this notice shall include: (1) A copy of this code section; (2) The information required to be provided by W. Va. Code § 22-6A-10(b) to a surface owner whose land will be used in conjunction with the drilling of a horizontal well; and (3) A proposed surface use and compensation agreement containing an offer of compensation for damages to the surface affected by oil and gas operations to the extent the damages are compensable under article six-b of this chapter. Additional information related to horizontal drilling may be obtained from the Secretary, at the WV Department of Environmental Protection headquarters, located at 601 57th Street, SE, Charleston, WV 25304 (304-926-0450) or by visiting www.dep.wv.gov/oil-and-gas/pages/default.aspx.

Well Operator: Mountain V Oil and Gas
Telephone: (304) 842-6320
Email: smsnaver@earthlink.net

Address: PO Box 904
Buckhannon, WV 26201
Facsimile: (304) 842-0016

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STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
NOTICE OF PLANNED OPERATION

Notice Time Requirement: notice shall be provided no later than the filing date of permit application.

Date of Notice: 12/20/22 Date Permit Application Filed: 1/3/23

Delivery method pursuant to West Virginia Code § 22-6A-16(c)

02/10/2023

- CERTIFIED MAIL
RETURN RECEIPT REQUESTED
- HAND
DELIVERY

Pursuant to W. Va. Code § 22-6A-16(c), no later than the date for filing the permit application, an operator shall, by certified mail return receipt requested or hand delivery, give the surface owner whose land will be used for the drilling of a horizontal well notice of the planned operation. The notice required by this subsection shall include: (1) A copy of this code section; (2) The information required to be provided by subsection (b), section ten of this article to a surface owner whose land will be used in conjunction with the drilling of a horizontal well; and (3) A proposed surface use and compensation agreement containing an offer of compensation for damages to the surface affected by oil and gas operations to the extent the damages are compensable under article six-b of this chapter. (d) The notices required by this section shall be given to the surface owner at the address listed in the records of the sheriff at the time of notice.

Notice is hereby provided to the SURFACE OWNER(s)

(at the address listed in the records of the sheriff at the time of notice):

Name: Ronald Given
Address: 3313 W. Salem Road
Burbank, OH 44214

Name: _____
Address: _____

Notice is hereby given:

Pursuant to West Virginia Code § 22-6A-16(c), notice is hereby given that the undersigned well operator has developed a planned operation on the surface owner's land for the purpose of drilling a horizontal well on the tract of land as follows:

State: WV
County: Clay
District: Henry
Quadrangle: Elkhurst 7.5'
Watershed: Hornor Fork & Laurel Creek

UTM NAD 83 Easting: 485,108.39
Northing: 4,260,073.48
Public Road Access: CR 13/2
Generally used farm name: Brown, Goshorn, Swann Pad C

This Notice Shall Include:

Pursuant to West Virginia Code § 22-6A-16(c), this notice shall include: (1) A copy of this code section; (2) The information required to be provided by W. Va. Code § 22-6A-10(b) to a surface owner whose land will be used in conjunction with the drilling of a horizontal well; and (3) A proposed surface use and compensation agreement containing an offer of compensation for damages to the surface affected by oil and gas operations to the extent the damages are compensable under article six-b of this chapter. Additional information related to horizontal drilling may be obtained from the Secretary, at the WV Department of Environmental Protection headquarters, located at 601 57th Street, SE, Charleston, WV 25304 (304-926-0450) or by visiting www.dep.wv.gov/oil-and-gas/pages/default.aspx.

JAN - 4 2022

WV Department of
Environmental Protection

Well Operator: Mountain V Oil and Gas
Telephone: (304) 842-6320
Email: smshaver@earthlink.net

Address: PO Box 904
Buckhannon, WV 26201
Facsimile: (304) 842-0016

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STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
NOTICE OF PLANNED OPERATION

Notice Time Requirement: notice shall be provided no later than the filing date of permit application.

Date of Notice: 12/20/22 Date Permit Application Filed: 1/3/23

Delivery method pursuant to West Virginia Code § 22-6A-16(c)

02/10/2023

- CERTIFIED MAIL
RETURN RECEIPT REQUESTED
- HAND DELIVERY

Pursuant to W. Va. Code § 22-6A-16(c), no later than the date for filing the permit application, an operator shall, by certified mail return receipt requested or hand delivery, give the surface owner whose land will be used for the drilling of a horizontal well notice of the planned operation. The notice required by this subsection shall include: (1) A copy of this code section; (2) The information required to be provided by subsection (b), section ten of this article to a surface owner whose land will be used in conjunction with the drilling of a horizontal well; and (3) A proposed surface use and compensation agreement containing an offer of compensation for damages to the surface affected by oil and gas operations to the extent the damages are compensable under article six-b of this chapter. (d) The notices required by this section shall be given to the surface owner at the address listed in the records of the sheriff at the time of notice.

Notice is hereby provided to the SURFACE OWNER(s)
(at the address listed in the records of the sheriff at the time of notice):

Name: Christopher Grove
Address: 444 Finzel Road
Frostburg, MD 21532

Name: _____
Address: _____
RECEIVED
Office of Oil and Gas
JAN - 4 2022
WV Department of
Environmental Protection

Notice is hereby given:

Pursuant to West Virginia Code § 22-6A-16(c), notice is hereby given that the undersigned well operator has developed a planned operation on the surface owner's land for the purpose of drilling a horizontal well on the tract of land as follows:

State:	<u>WV</u>	UTM NAD 83	Easting:	<u>485,108.39</u>
County:	<u>Clay</u>		Northing:	<u>4,260,073.48</u>
District:	<u>Henry</u>	Public Road Access:		<u>CR 13/2</u>
Quadrangle:	<u>Elkhurst 7.5'</u>	Generally used farm name:		<u>Brown, Goshorn, Swann Pad C</u>
Watershed:	<u>Horne Fork & Laurel Creek</u>			

This Notice Shall Include:

Pursuant to West Virginia Code § 22-6A-16(c), this notice shall include: (1) A copy of this code section; (2) The information required to be provided by W. Va. Code § 22-6A-10(b) to a surface owner whose land will be used in conjunction with the drilling of a horizontal well; and (3) A proposed surface use and compensation agreement containing an offer of compensation for damages to the surface affected by oil and gas operations to the extent the damages are compensable under article six-b of this chapter. Additional information related to horizontal drilling may be obtained from the Secretary, at the WV Department of Environmental Protection headquarters, located at 601 57th Street, SE, Charleston, WV 25304 (304-926-0450) or by visiting www.dep.wv.gov/oil-and-gas/pages/default.aspx.

Well Operator: Mountain V Oil and Gas
Telephone: (304) 842-6320
Email: smshaver@earthlink.net

Address: PO Box 904
Buckhannon, WV 26201
Facsimile: (304) 842-0016

Oil and Gas Privacy Notice:

The Office of Oil and Gas processes your personal information, such as name, address and telephone 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 or your personal information, please contact DEP's Chief Privacy Officer at depprivacyofficer@wv.gov.

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Notice is hereby provided to the SURFACE OWNER(s)
(at the address listed in the records of the sheriff at the time of notice):

Name: Joseph Fitzwater
Address: 15 Lacy Hollow Road
Charleston, WV 25311

Name: _____
Address: _____

Notice is hereby given:

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State: WV
County: Clay
District: Henry
Quadrangle: Elkhurst 7.5'
Watershed: Horne Fork & Laurel Creek

UTM NAD 83 Easting: 485,108.39
Northing: 4,260,073.48
Public Road Access: CR 13/2
Generally used farm name: Brown, Goshorn, Swann Pad C

RECEIVED
Office of Oil and Gas
JAN - 4 2023
WV Department of Environmental Protection

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Email: smshaver@earthlink.net

Address: PO Box 904
Buckhannon, WV 26201
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Notice is hereby provided to the SURFACE OWNER(s)
(at the address listed in the records of the sheriff at the time of notice):

Name: Dalton Holcomb, et al
Address: 5015 Precious Maysel Road
Procius, WV 25164

Name: _____
Address: _____

Notice is hereby given:

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Quadrangle: Elkhurst 7.5'
Watershed: Horne Fork & Laurel Creek

UTM NAD 83 Easting: 485,108.39
Northing: 4,260,073.48
Public Road Access: CR 13/2
Generally used farm name: Brown, Goshorn, Swann Pad C

RECEIVED
Office of Oil and Gas
JAN 14 2023
Environmental Protection
Department of

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Email: smshaver@earthlink.net

Address: PO Box 904
Buckhannon, WV 26201
Facsimile: (304) 842-0016

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Notice is hereby provided to the SURFACE OWNER(s)

(at the address listed in the records of the sheriff at the time of notice):

Name: Arletta J. Davis
Address: 81 Jeanie Lane
Procious, WV 25164

Name: _____
Address: _____

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Watershed: Hornor Fork & Laurel Creek

UTM NAD 83 Easting: 485,108.39
Northing: 4,260,073.08
Public Road Access: CR 13/2
Generally used farm name: Brown, Boshorn, Swann Paddocks

RECEIVED
Office of Oil and Gas
JAN 4 2023
WV Department of Environmental Protection

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Notice is hereby provided to the SURFACE OWNER(s)

(at the address listed in the records of the sheriff at the time of notice):

Name: Gerald Taylor, et ux
Address: 266 Left Fork Of Twistabout Road
Prociuous, WV 25164

Name: _____
Address: _____

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Generally used farm name: Brown, Goshorn, Swann

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Office of Oil and Gas
CR 13/2
JAN - 4 2022

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WEST VIRGINIA DEPARTMENT OF TRANSPORTATION

Division of Highways

1900 Kanawha Boulevard East • Building Five • Room 110
 Charleston, West Virginia 25305-0430 • (304) 558-3505

D. Alan Reed, P.E.
 State Highway Engineer

02/10/2023

Jimmy Wriston, P. E.
 Secretary of Transportation
 Commissioner of Highways

December 14, 2022

James A. Martin, Chief
 Office of Oil and Gas
 Department of Environmental Protection
 601 57th Street, SE
 Charleston, WV 25304

RECEIVED
 Office of Oil and Gas
 JAN - 4 2022
 WV Department of
 Environmental Protection

Subject: DOH Permit for the Swann Pad, Clay County
 C2H WV0488 Well Site

Dear Mr. Martin,

This well site will be accessed from a DOH permit #01-2022-0587 which has been issued to Mountain V Oil and Gas LLC for access to the State Road for a well site located off Clay County Route 13/2 SLS MP 1.17.

This operator is in compliance with §22-6A-20 of the WV Code. Operator has signed a STATEWIDE OIL AND GAS ROAD MAINTENANCE BONDING AGREEMENT and provided the required Bond. This operator is currently in compliance with the DOH OIL AND GAS POLICY dated October 1, 2018. This letter is valid for permitting purposes for one year from the date of this letter.

Very Truly Yours,

Gary K. Clayton, P.E.
 Regional Operations Engineer
 Central Office O&G Coordinator

Cc: Dee Southall
 Mountain V Oil and Gas LLC
 CH, OM, D-1
 File

Anticipated Stimulation Additives Names and CAS #s

02/10/2023

<u>MATERIAL</u>	<u>INGREDIENT</u>	<u>CAS NUMBER</u>
Sand(Proppant)	Silica Substrate	14808-60-7
Water	Water	7732-18-5
Hydrochloric Acid	Hydrogen Chloride	7647-01-0
IC-1100 iron control	Sodium Gluconate	527-07-1
AI-600 acid inhibitor	Ethylene Glycol	107-21-1
	N,N-Dimethylformamide	68-12-2
	2-Butoxyethanol	111-76-2
	Cinnamaldehyde	104-55-2
	Nonyl Phenol Ethoxylate, Branched	127087-87-0
	Tar Bases, Quinolone Derivs, Benzyl Chloride	72480-70-7
	1-Decanol	112-30-1
	1-Octanol	111-87-5
	Isopropanol	67-63-0
	Triethyl Phosphate	78-40-0
FR-9750 friction Reducer	Distillates(petroleum), hydrotreated light	64742-47-8
	Alcohols, C11-14-iso, C13-rich ethoxylated	78330-21-9AP-
1 FR breaker	Ammonium Peroxydisulfate	7727-54-0
CC-200 clay control	Ethylene Glycol	107-21-1
	Quaternary Ammonium Compound	26062-79-3
NE-50 non emulsifier	Isopropyl Alcohol	67-63-0
	Dimethylcocamine,bis-ether, ammonium salt	88607-28-3
	Methanol	67-56-1
	Dimethylcocamine	61788-93-0
CS-50CX nano surfactant	Surfactant 1	Proprietary
Paraclear-paraffin solvent	Toluene	108-88-3
	1,3-Dimethyl Benzene	108-38-3
	Polyalkylene glycol alkylphenyl ether	9002-93-1
	Methanol	67-56-1
	1,4-Dimethyl Benzene	106-42-3
	Ethyl Benzene	100-41-4
	Dodecylbenzenesulfonic acid, ethanolamine salt	26836-07-7
	Butyl Cellosolve	111-76-2
	1,2-Dimethylbenzene	95-47-6
	2-Ethylhexanol	104-76-7
	Benzene	71-43-2
Bioclear 5000 biocide	2,2-Dibromo-3-nitropropionamide	10222-01-2

Office of Regulatory Services
JAN - 4 2023
Environmental Protection
Department

OPERATOR: Mountain V Oil and Gas

WELL NO: C2H WY0488

PAD NAME: Brown, Goshorn, Swann Pad C

REVIEWED BY: _____

SIGNATURE: 

02/10/2023

WELL RESTRICTIONS CHECKLIST

HORIZONTAL 6A WELL

Well Restrictions

- At Least 100 Feet from Pad and LOD (including any E&S Control Feature) to any Perennial Stream, Lake, Pond, Reservoir or Wetland; OR
 - DEP Waiver and Permit Conditions
- At Least 300 Feet from Pad and LOD (including any E&S Control Feature) to any Naturally Producing Trout Stream; OR
 - DEP Waiver and Permit Conditions
- At Least 1000 Feet from Pad and LOD (including any E&S Control Feature) to any Groundwater Intake or Public Water Supply; OR
 - DEP Waiver and Permit Conditions
- At Least 250 Feet from an Existing Water Well or Developed Spring to Well Being Drilled; OR
 - Surface Owner Waiver and Recorded with County Clerk, OR
 - DEP Variance and Permit Conditions
- At Least 625 Feet from an Occupied Dwelling Structure to Center of the Pad; OR
 - Surface Owner Waiver and Recorded with County Clerk, OR
 - DEP Variance and Permit Conditions
- At Least 625 Feet from Agricultural Buildings Larger than 2500 Square Feet to the Center of the Pad; OR
 - Surface Owner Waiver and Recorded with County Clerk, OR
 - DEP Variance and Permit Conditions

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