



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

Wednesday, July 3, 2024
WELL WORK PERMIT
Horizontal 6A / New Drill

MEADOW RIDGE DEVELOPMENT, LLC
PO BOX 1549
32 OAKLAND AVE.
WASHINGTON, PA 15301

Re: Permit approval for POTOZNY 5H
47-049-02539-00-00

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

A blue ink signature of James A. Martin, written in a cursive style.

Operator's Well Number: POTOZNY 5H
Farm Name: JOSEPH J. AND BONITA K. RF
U.S. WELL NUMBER: 47-049-02539-00-00
Horizontal 6A New Drill
Date Issued: 7/3/2024

Promoting a healthy environment.

07/05/2024

PERMIT CONDITIONS

West Virginia Code § 22-6A-8(d) allows the Office of Oil and Gas to place specific conditions upon this permit. Permit conditions have the same effect as law. Failure to adhere to the specified permit conditions may result in enforcement action.

CONDITIONS

1. This proposed activity may require permit coverage from the United States Army Corps of Engineers (USACE). Through this permit, you are hereby being advised to consult with USACE regarding this proposed activity.
2. If the operator encounters an unanticipated void, or an anticipated void at an unanticipated depth, the operator shall notify the inspector within 24 hours. Modifications to the casing program may be necessary to comply with W. Va. Code § 22-6A-5a (12), which requires drilling to a minimum depth of thirty feet below the bottom of the void, and installing a minimum of twenty (20) feet of casing. Under no circumstance should the operator drill more than one hundred (100) feet below the bottom of the void or install less than twenty (20) feet of casing below the bottom of the void.
3. When compacting fills, each lift before compaction shall not be more than 12 inches in height, and the moisture content of the fill material shall be within limits as determined by the Standard Proctor Density test of the actual soils used in specific engineered fill, ASTM D698, Standard Test Method for Laboratory Compaction Characteristics of Soil Using Standard Effort, to achieve 95 % compaction of the optimum density. Each lift shall be tested for compaction, with a minimum of two tests per lift per acre of fill. All test results shall be maintained on site and available for review.
4. Operator shall install signage per § 22-6A-8g (6) (B) at all source water locations included in their approved water management plan within 24 hours of water management plan activation.
5. Oil and gas water supply wells will be registered with the Office of Oil and Gas and all such wells will be constructed and plugged in accordance with the standards of the Bureau for Public Health set forth in its Legislative rule entitled *Water Well Regulations*, 64 C.S.R. 19. Operator is to contact the Bureau of Public Health regarding permit requirements. In lieu of plugging, the operator may transfer the well to the surface owner upon agreement of the parties. All drinking water wells within fifteen hundred feet of the water supply well shall be flow tested by the operator upon request of the drinking well owner prior to operating the water supply well.
6. Pursuant to the requirements pertaining to the sampling of domestic water supply wells/springs the operator shall, no later than thirty (30) days after receipt of analytical data provide a written copy to the Chief and any of the users who may have requested such analyses.
7. 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. Also, 24 hours prior to the initiation of the completion process the operator shall notify the Chief or his designee.
8. During the completion process the operator shall monitor annular pressures and report any anomaly noticed to the chief or his designee immediately.
9. If any explosion or other accident causing loss of life or serious personal injury occurs in or about a well or well work on a well, the well operator or its contractor shall give notice, stating the particulars of the explosion or accident, to the oil and gas inspector and the Chief, within 24 hours of said accident.
10. During the casing and cementing process, in the event cement does not return to the surface, the oil and gas inspector shall be notified within 24 hours.
11. The operator shall provide to the Office of Oil and Gas the dates of each of the following within 30 days of their occurrence: completion of construction of the well pad, commencement of drilling, cessation of drilling, completion of any other permitted well work, and completion of the well. Such notice shall be provided by sending an email to DEPOOGNotify@wv.gov.

07/05/2024

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

1) Well Operator: Meadow Ridge Development 494463212 Marion Lincoln Mannington 7.5'
Operator ID County District Quadrangle

2) Operator's Well Number: 5H Well Pad Name: Potoczny

3) Farm Name/Surface Owner: Joseph J. & Kelly Jo Potoczny Public Road Access: County Rd 18 via State Route 218

4) Elevation, current ground: 1,404' Elevation, proposed post-construction: n/a

5) Well Type (a) Gas x Oil Underground Storage

Other

(b) If Gas Shallow Deep

Horizontal x

6) Existing Pad: Yes or No Yes

7) Proposed Target Formation(s), Depth(s), Anticipated Thickness and Expected Pressure(s):
Marcellus Shale, 7,800' TVD, 100 ft, 4000 psi

8) Proposed Total Vertical Depth: 7,938'

9) Formation at Total Vertical Depth: Marcellus Shale

10) Proposed Total Measured Depth: 18,794'

11) Proposed Horizontal Leg Length: 9,015'

12) Approximate Fresh Water Strata Depths: None 125'

13) Method to Determine Fresh Water Depths: Prior Drillers Record 47-049-01800

14) Approximate Saltwater Depths: 1,000'

15) Approximate Coal Seam Depths: 820' TVD

16) Approximate Depth to Possible Void (coal mine, karst, other): None

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:

CK # 2059
10,150

Ky Wells
4/17/24

WW-6B
(04/15)

4704902539
API NO. 47-049

OPERATOR WELL NO. 5H
Well Pad Name: Potoczny

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	20"	N	STD	78.67	40'	40'	Grout to surface
Fresh Water	13 3/8"	N	J-55	54.5	990'	930'	CTS
Coal							
Intermediate	9 5/8"	N	J-55	40	2,430'	2,380'	CTS
Production	5.5"	N	P-110	20	18,794	18,760'	Est TOC 3,380'
Tubing	2 3/8"	N	P110	4.7			NA
Liners							

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	20"	24"	.375"	415		4500 psi grout	NA
Fresh Water	13 3/8"	17 1/2"	.38"	2,760	2000	Type 1	1.18
Coal							
Intermediate	9 5/8"	12.25"	.395"	3,950	3,000	Type 1	1.18
Production	5.5"	8.5"	.361"	12,530	9,700	50:50 Poz	1.21
Tubing	2 3/8"	NA	.19"	16,130	4,600	NA	NA
Liners							

PACKERS

Kind:	NA		
Sizes:			
Depths Set:			

Ry Willett
5/2/24

WW-6B
(10/14)

4704902539
API NO. 47-049
OPERATOR WELL NO. 5H
Well Pad Name: Połączny

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

Drilling and completion of a horizontal Marcellus well. The well will be drilled on AIR to KOP at an approximate depth of 6,396' TVD/MD. From KOP, well will be horizontally drilled on fluid to approximately 18,794' TVD / 7,938' MD along a 155 degree azimuth.

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

Multi-stage / high-rate slickwater fracture treatment using various size sands as proppant. First stage will be initiated via pressurization against a burst disc ran in the production casing string or perforated with coiled tubing. Subsequent stages will be perforated with pumped down guns ran on wireline. Individual stages will be isolated with composite frac plugs. Maximum pump rate during any stage will be 110 BPM with a maximum allowable surface pressure of 9,500 PSI. Composite bridge plugs will be set at the end of the last stage to isolate the treated formation.

21) Total Area to be disturbed, including roads, stockpile area, pits, etc., (acres): 9.82

22) Area to be disturbed for well pad only, less access road (acres): 7.89

23) Describe centralizer placement for each casing string:

Surface and intermediate casing strings will have bow spring centralizers placed every third joint (~120') from shoe joint to surface. Production casing will have rigid body centralizers placed at a minimum every fourth joint (~160') from TD to surface

24) Describe all cement additives associated with each cement type:

Surface string cement will be a Type 1 + Max 3% bwoc Calcium Chloride Fresh Water blend.
Intermediate string cement will be a Type 1 Cement + Max 3% bwoc Calcium Chloride + Fresh Water.
Production string cement will be (50:50) Poz (Fly Ash):Type I Cement with a gas migration additive.

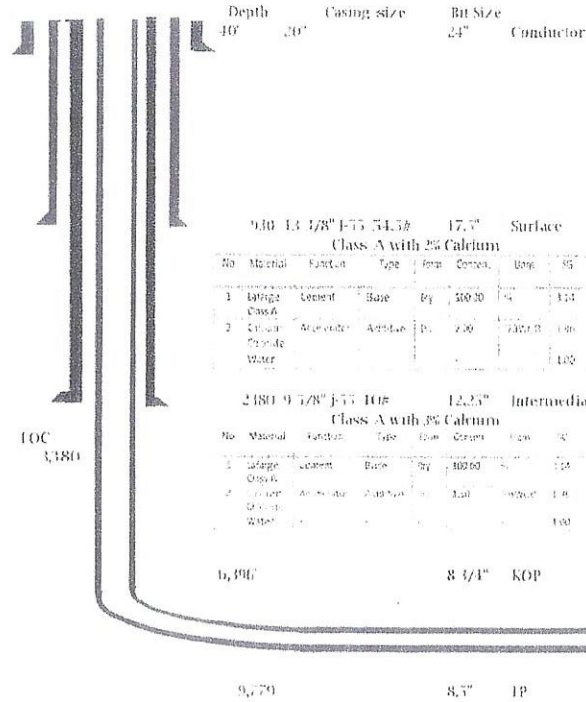
25) Proposed borehole conditioning procedures:

Surface string will use a 25.0 bbls Gel Pill + LCM + 25 lbs Cello Flake + 20 lbs/bbl Bentonite @ 8.4 ppg & 10 bbls fresh water spacer prior to cement. Intermediate string will use a 25.0 bbls Gel Pill + LCM + 25 lbs Cello Flake + 20 lbs/bbl Bentonite @ 8.4 ppg & 10 bbls fresh water spacer prior to cement. Production string will use a 50.0 bbls SealBond 25 + 1 gal/bbl US-40 + 275 lbs/bbl Barite + 1 gal/bbl SS-2 Spacer @ 13.5 ppg prior to cement.

*Note: Attach additional sheets as needed.

Ry W. White
4/17/24

07/05/2024



Well Details	
Lease Name:	Totozny #11
Company:	Meadow Ridge
Township/City:	Mannington
County:	Madison
State:	WV
Well Type:	Horizontal
Formation:	Marcellus
Elevation:	1,105

Top Hole Details	
Conductor Size	24"
Conductor Depth	40'
Surface Hole Size	14 1/8"
Surface Size	14 1/8" 17.3' 17.3' 17.3'
Surface Depth	0.00'
Intermediate 1 Hole Size	12.25"
Intermediate 1 Size	9 5/8" 12.25' 12.25'
Intermediate 1 Depth	12.25'
Intermediate 2 Hole Size	
Intermediate 2 Size	
Intermediate 2 Depth	
To KOP Size	8 3/4"
To KOP Depth	6,380'

Horizontal Details	
Hole Size	8.5"
Production Casing	5.5" P-110 2.5#
Landing Point	9,790'
Lateral Length	7,000'
IXD	7,948'
MD	18,794'
TDC	3,180'

9.10 14 1/8" 17.3' 17.3' 17.3' Surface
Class A with 2% Calcium

No.	Material	Function	Type	From	To	Depth	95
1	Class A Cement	Base	By	100.00	0	17.3	
2	Class A Cement	Annular	By	2.00	17.3	17.3	
	Water					17.3	

2.180 9 5/8" 12.25' 12.25' Intermediate
Class A with 3% Calcium

No.	Material	Function	Type	From	To	Depth	95
1	Class A Cement	Base	By	100.00	0	12.25	
2	Class A Cement	Annular	By	2.00	12.25	12.25	
	Water					12.25	

6,380' 8 3/4" KOP

MEADOW RIDGE DEVELOPMENT

13.5# PureScrub Spacer with Surfactant			Volume (bbl)
Concentration	Item Code	Description	
25%	141531	104 Additive	
50%	141532	525 Additive 50/50	
10%	141533	104 Additive	

14.5# Cement			Volume (bbl)
Concentration	Item Code	Description	
50%	141534	104 Additive 50/50	
50%	141535	104 Additive	
25%	141536	104 Additive	
25%	141537	104 Additive	
25%	141538	104 Additive	
25%	141539	104 Additive	

Depth	Casing Size	Bit Size	ID
18,794'	7.7" P-110 2.0#	8.5"	10"

Ky Willett
4/17/24

4704902539

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

FLUIDS/ CUTTINGS DISPOSAL & RECLAMATION PLAN

Operator Name Meadow Ridge Development LLC OP Code 494463212

Watershed (HUC 10) Middle Ohio North Quadrangle Mannington

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: _____

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

Proposed Disposal Method For Treated Pit Wastes:

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

Will closed loop system be used? If so, describe: yes a closed loop system will be used. Fluid will be reused and solids taken to disposal sites

Drilling medium anticipated for this well (vertical and horizontal)? Air, freshwater, oil based, etc. Air (vertical); SOBM (hz)

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

Additives to be used in drilling medium? Organophilic Clay Viscosifiers, Ume, Unsaturated Fatty Acids, CaCl, Barite, Emulsifiers, Mica LCM, Water Loss Agents

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

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

-Landfill or offsite name/permit number? See Attachment A

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]

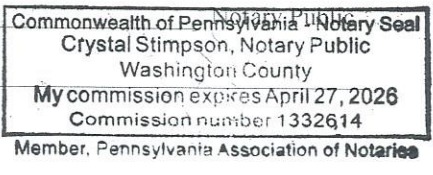
Company Official (Typed Name) Kelley Chico

Company Official Title Owner

Subscribed and sworn before me this 11 day of April, 2024

Crystal Stimpson

My commission expires April 27 2026



07/05/2024

Meadow Ridge Development LLC

Proposed Revegetation Treatment: Acres Disturbed 4.63 Prevegetation pH TBD 5-7

Lime 2 Tons/acre or to correct to pH 7

Fertilizer type 19-19-19

Fertilizer amount 300 lbs/acre

Mulch 2 Tons/acre

Seed Mixtures

Temporary		Permanent	
Seed Type	lbs/acre	Seed Type	lbs/acre
Orchard Grass	46	Orchard Grass	46
Perennial Rye	16	Perennial Rye	16
Red Clover	8	Red Clover	8

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.

See attached

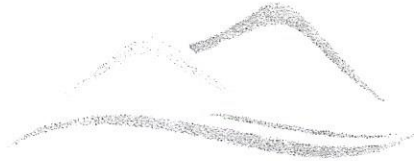
Plan Approved by: Ky Wickett

Comments:

Title: Inspector Date: 4/17/24

Field Reviewed? () Yes () No

4704902539



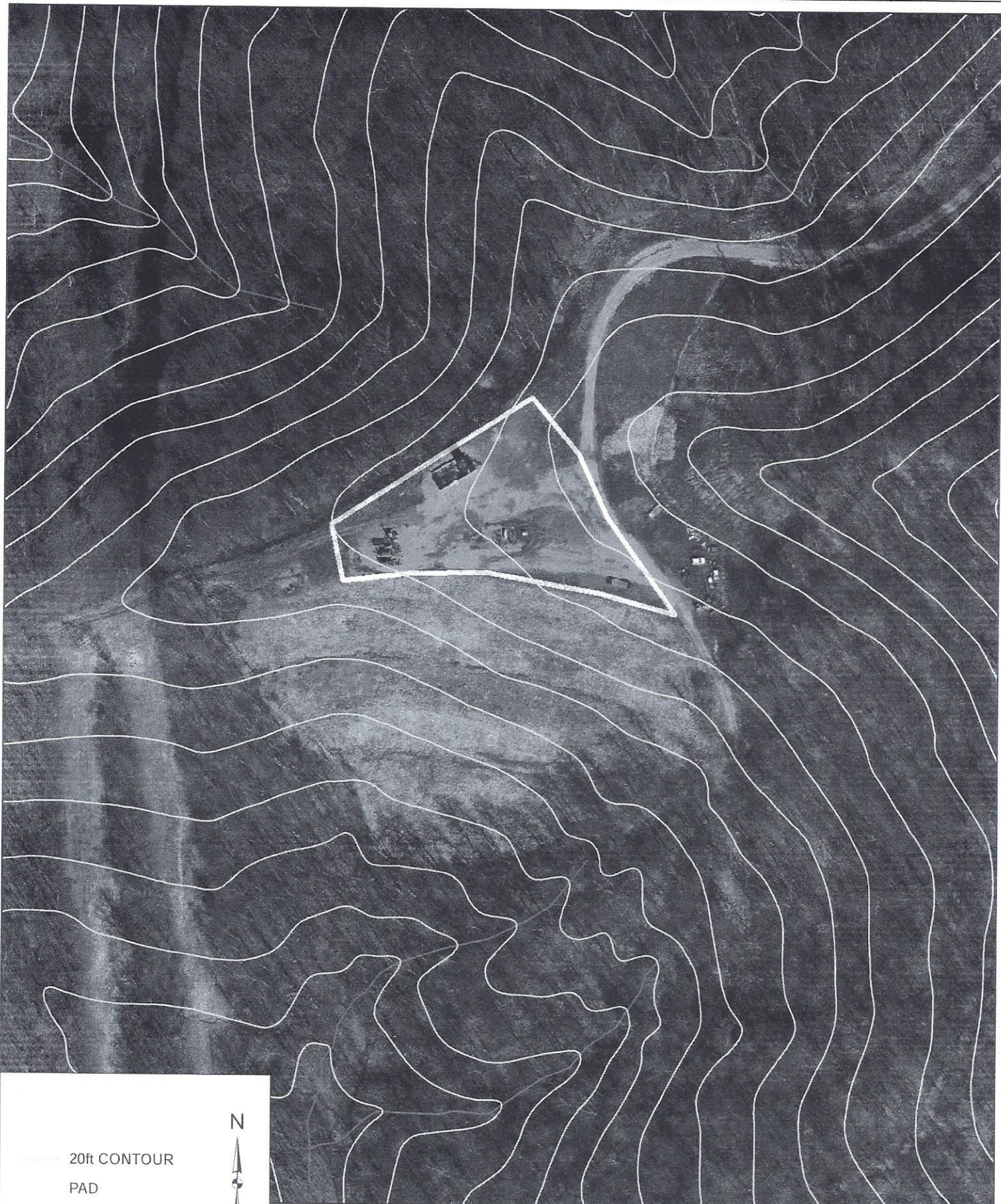
MEADOW RIDGE
DEVELOPMENT

Potoczny
SITE SAFETY PLAN

1/24/2024

Ky Weath
4/12/24

07/05/2024



— 20ft CONTOUR
PAD
Local Resolution Waterbodies_265
— Local Resolution Streams_265



Lincoln District Marion County, WV
1 inch = 150 feet
Date: 5/4/2023



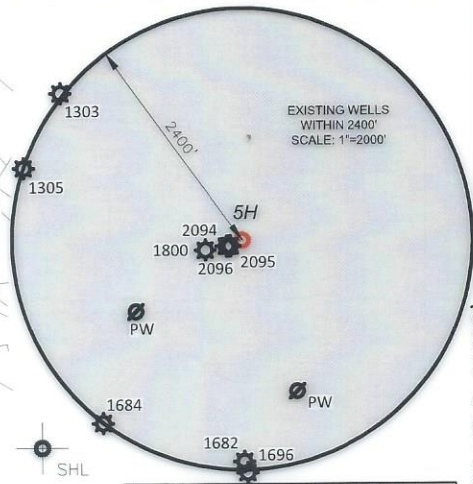
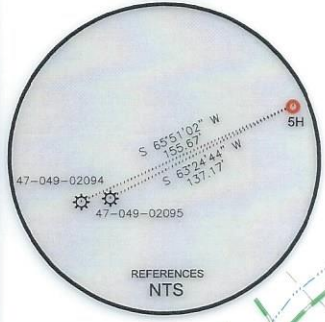
07/05/2024

Latitude: 39°35'00" SURFACE HOLE 4817'

Latitude: 39°35'00" BOTTOM HOLE 3097'



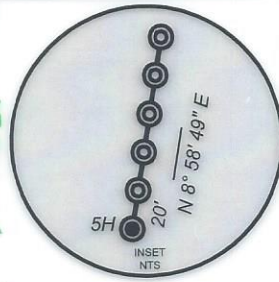
CIVIL & ENVIRONMENTAL CONSULTANTS, INC. 120 GENESIS BOULEVARD BRIDGEPORT, WV 26330 304-933-3119



GRID NORTH NAD83 (2011) WV STATE PLANE NORTH

Table with 4 rows: SURFACE HOLE LOCATION (SHL), KICK OFF POINT (KOP), LANDING POINT (LPL), BOTTOM HOLE LOCATION (BHL). Each row lists UTM coordinates (Northings and Eastings).

Table with 4 rows: SURFACE HOLE LOCATION (SHL), KICK OFF POINT (KOP), LANDING POINT (LPL), BOTTOM HOLE LOCATION (BHL). Each row lists UTM coordinates (Northings and Eastings).



- WELL RESTRICTIONS: 1. NO OCCUPIED DWELLINGS > 2500 SQ FT. WITHIN 625 FEET OF CENTER OF PAD. 2. NO AGRICULTURE BUILDINGS > 2500 SQ FT. WITHIN 625 FEET OF CENTER OF PAD. 3. WATER WELLS OR DEVELOPED SPRINGS ARE WITHIN 250 FEET OF PROPOSED WELL. 4. PERENNIAL STREAMS, LAKES, PONDS, OR RESERVOIRS WITHIN 100 FEET OF THE LIMITS OF DISTURBANCE. 5. NO NATURALLY PRODUCING TROUT STREAM WITHIN 300 FEET OF LIMITS OF DISTURBANCE. 6. NO GROUND INTAKE OR PUBLIC WATER SUPPLY WITHIN 1000 FEET OF WELL PAD, LIMITS OF DISTURBANCE, E & S CONTROLS.

- NOTES ON SURVEY: 1. SURFACE AND ROYALTY OWNER INFORMATION AND THEIR BOUNDARIES SHOWN HEREON WERE PLOTTED FROM DEEDS AND/OR TAX PARCEL MAPS PROVIDED BY CLIENT AND/OR FIELD LOCATIONS. 2. THIS PLAT DOES NOT REPRESENT A BOUNDARY SURVEY OF THE PARCELS SHOWN HEREON. 4. ALL INSETS ARE GRID NORTH UNLESS OTHERWISE DEPICTED.

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 REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION. Richard E. Adams



SURVEYED CORNERS table with columns: TIE, BEARING, DISTANCE. Rows: A S 64°05'27" W 2000.08', B S 47°28'13" W 2529.20'

COMPANY: MEADOW RIDGE DEVELOPMENT

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS WVDEP OFFICE OF OIL & GAS 601 57TH STREET CHARLESTON, WV 25034

MINIMUM DEGREE OF ACCURACY: 1/2400 PROVEN SOURCE OF ELEVATION: SURVEY GRADE GPS (NAVD 88, US FT)

OPERATOR'S WELL #: POTOCZNY 5H API WELL #: 47 049 02539 H6A STATE COUNTY PERMIT

WELL TYPE: OIL [] WASTE DISPOSAL [] PRODUCTION [X] DEEP [] GAS [X] LIQUID INJECTION [] STORAGE [] SHALLOW [X] WATERSHED: DUNKARD MILL RUN DISTRICT: LINCOLN DISTRICT COUNTY: MARION SURFACE OWNER: JOSEPH J. AND BONITA K. POTOCZNY OIL & GAS ROYALTY OWNER: BENNETT, PAUL D. & BRENDA I. TRUSTEES (THE BENNETT FAMILY TRUST), ET AL DRILL [X] DRILL DEEPER [] REDRILL [] FRACTURE OR STIMULATE [X] PLUG OFF OLD FORMATION [] PERFORATE NEW FORMATION [] CONVERT [] PLUG & ABANDON [] CLEAN OUT & REPLUG [] OTHER CHANGE [] (SPECIFY) TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: 7,938 TVD 18,794.11 TMD

WELL OPERATOR: MEADOW RIDGE DEVELOPMENT, LLC DESIGNATED AGENT: KELLEY L. CHICO ADDRESS: P.O. BOX 1549 CITY: WASHINGTON STATE: PA ZIP CODE: 15301

LEGEND: PROPOSED SURFACE HOLE / BOTTOM HOLE, EXISTING / PRODUCING WELLHEAD, LPL, EXISTING WATER WELL, EXISTING SPRING, SURFACE BOUNDARY, PROPOSED PATH, LEASE BOUNDARY, 500' BUFFER, MAIN ROAD, STREAM, SURVEYED CORNER. REVISIONS: DATE: 03-26-2024 DRAWN BY: K.E.S. SCALE: 1" = 2000' DRAWING NO: 316-398 WELL LOCATION PLAT

**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, and that –

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

Lease Name or Number	Grantor, Lessor, etc.	Grantee, Lessee, etc.	Royalty	Book/Page
-------------------------	-----------------------	-----------------------	---------	-----------

See Exhibit 1

**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: Meadow Ridge Development LLC
 By: Kelley Chico
 Its: Owner

WW-6A1
EXHIBIT "1"

LEASE#	GRANTOR, LESSOR	GRANTEE, LESSEE	ROYALTY %	RECORDING INFO (BK/PG)
WV-470001.01	B.O. Billingsly Heirs	MEADOW RIDGE DEVELOPMENT, LLC	15.00%	DB1340 / PG 352
WV-470001.02	Mildred C. Greene	MEADOW RIDGE DEVELOPMENT, LLC	15.00%	DB 1324 / PG 523
WV-470001.03	Alycemarie McClellan (heir of Alycenettie McClellan)	MEADOW RIDGE DEVELOPMENT, LLC	15.00%	DB 1340 / PG 370
WV-470001.04	Julianne Rush (heir of Alycenettie McClellan)	MEADOW RIDGE DEVELOPMENT, LLC	15.00%	DB 1340 / PG 364
WV-470001.05	Michelle D. Moore (heir of Alycenettie McClellan)	MEADOW RIDGE DEVELOPMENT, LLC	15.00%	DB 1340 / PG 376
WV-470001.06	Christopher McClellan (heir of Alycenettie McClellan)	MEADOW RIDGE DEVELOPMENT, LLC	15.00%	DB 1340 / PG 358
WV-470001.07	Suzanne Johnson	MEADOW RIDGE DEVELOPMENT, LLC	15.00%	DB 1340 / PG 352
WV-470001.08	John D. Melius	MEADOW RIDGE DEVELOPMENT, LLC	15.00%	DB 1320 / PG 349
WV-470001.09	Elizabeth W. Brey	MEADOW RIDGE DEVELOPMENT, LLC	15.00%	DB 1340 / PG 382
WV-470001.1	Thomas C. Woodhouse	MEADOW RIDGE DEVELOPMENT, LLC	15.00%	DB 1330 / PG 683
WV-470001.11	James W. Woodhouse	MEADOW RIDGE DEVELOPMENT, LLC	15.00%	DB 1330 / PG 688
WV-470001.12	Danny L. Fluharty (Life Estate Interest)	MEADOW RIDGE DEVELOPMENT, LLC	14.00%	DB 1320 / PG 344
WV-470001.13	Kipplyn L. & Jennifer D. Fluharty, Cody Daniel Fluharty (Remainderman Interest)	MEADOW RIDGE DEVELOPMENT, LLC	14.00%	DB 1320 / PG 344
WV-470002.01	Bennett, Paul D. & Brenda L. Trustees under The Bennett Family Trust (heir of Grethel B. Bennett)	RELIABLE ENERGY LAND & LEASING, LLC	12.50%	DB 997 / PG 307
WV-470002.02	Bowyer, David E.	RELIABLE ENERGY LAND & LEASING, LLC	12.50%	DB 1013 / PG 375
WV-470002.03	Richards, Darrell R.	RELIABLE ENERGY LAND & LEASING, LLC	12.50%	DB 1013 / PG 375
WV-470002.04	Mandell, Gordon L., & Delores K. Mandell, (H&W)	RELIABLE ENERGY LAND & LEASING, LLC	12.50%	DB 1016 / PG 653
WV-470002.05	Trio Petroleum Corp. & Waco Oil & Gas Co., Inc.	RELIABLE ENERGY LAND & LEASING, LLC	12.50%	DB 1016 / PG 685
WV-470002.06	Meadow Ridge Development, LLC	MINERAL OWNER	12.50%	DB 62 / PG 928
WV-470003.01	Mildred Ann Justice	RELIABLE ENERGY LAND & LEASING, LLC	12.50%	DB 997 / PG 305
WV-470003.02	Meadow Ridge Development, LLC	MINERAL OWNER	12.50%	DB 62 / PG 928
WV-470004.01	John E. Mann & Kathryn P. Mann	MEADOW RIDGE DEVELOPMENT, LLC	15.00%	DB 1324 / PG 518
WV-470004.02	Joseph A. Altizer & Caroline Stacey Ruckle	MEADOW RIDGE DEVELOPMENT, LLC	15.00%	DB 1324 / PG 528
WV-470004.03	WVTH LLC	MEADOW RIDGE DEVELOPMENT, LLC	14.00%	DB 1308 / PG 229
WV-470004.04	Joanna T. Zito	MEADOW RIDGE DEVELOPMENT, LLC	14.00%	DB 1308 / PG 234
WV-470005.01	Jeffrey E. & Barbara A. Lipinski	MEADOW RIDGE DEVELOPMENT, LLC	18.00%	DB 1360 / PG 201

KENLEY L. CHS CO

 2/3/24

April 17, 2024

West Virginia Department of Environmental Protection Chief, Office of Oil and Gas

Attn: Mr. James Martin

601 57th Street SE Charleston, WV 25304

RE: Potoczny 5H

Quadrangle: Mannington 7.5'

Marion County, West Virginia

Mr. Martin:

Meadow Ridge Development is submitting the following application for a new well work permit for the Potoczny 5H horizontal shallow well. As an authorized representative, I certify that MRD has the right to extract, produce or market the oil or gas for all leases through which the Potoczny Unit 5H horizontal lateral will drill through including any and all roads crossed under as identified on the attached survey plat.

Sincerely,

Kelley Chico



4/12/23

Owner

RECEIVED
Office Of Oil and Gas
MAY 02 2024
WV Department of
Environmental Protection

07/05/2024

WW-PN
(11-18-2015)

**Horizontal Natural Gas Well Work Permit
Application Notice By Publication**

Notice is hereby given:

Pursuant to West Virginia Code 22-6A-10(e) prior to filing an application for a permit for a horizontal well the applicant shall publish in the county in which the well is located or is proposed to be located a Class II legal advertisement.

Paper: Dominion Post

Public Notice Date: 4/3/24 4/20/24 4/27/24

The following applicant intends to apply for a horizontal natural well work permit which disturbs three acres or more of surface excluding pipelines, gathering lines and roads or utilizes more than two hundred ten thousand gallons of water in any thirty day period.

Applicant: Meadow Ridge Development LLC **Well Number:** Potoczny 5H

Address: PO Box 1549, 32 Oakland Avenue, Washington, PA 25301

Business Conducted: Natural gas production.

Location –

State: West Virginia County: Marion
District: Lincoln Quadrangle: Mannington 7.5'
UTM Coordinate NAD83 Northing: 4380198
UTM coordinate NAD83 Easting: 562918
Watershed: Middle Ohio North

Coordinate Conversion:

To convert the coordinates above into longitude and latitude, visit: http://tagis.dep.wv.gov/convert/llutm_conus.php

Electronic notification:

To receive an email when applications have been received or issued by the Office of Oil and Gas, visit <http://www.dep.wv.gov/insidedep/Pages/DEPMailingLists.aspx> to sign up.

Reviewing Applications:

Copies of the proposed permit application may be reviewed at the WV Department of Environmental Protection headquarters, located at 601 57th Street, SE Charleston, WV 25304 (304-926-0450). Full copies or scans of the proposed permit application will cost \$15, whether mailed or obtained at DEP headquarters. Copies may be requested by calling the office or by sending an email to DEP.comments@wv.gov.

Submitting Comments:

Comments may be submitted online at <https://apps.dep.wv.gov/oog/comments/comments.cfm>, or by letter to Permit Review, Office of Oil and Gas, 601 57th Street, SE Charleston, WV 25304. Please reference the county, well number, and operator when using this option.

Regardless of format for comment submissions, they must be received no later than thirty days after the permit application is received by the Office of Oil and Gas.

For information related to horizontal drilling visit: www.dep.wv.gov/oil-and-gas/pages/default.aspx

07/05/2024

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

Date of Notice Certification: 04/04/2024

API No. 47- 049 - _____
Operator's Well No. 5H
Well Pad Name: Potoczny

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>West Virginia</u> ✓	UTM NAD 83	Easting:	<u>4380198</u>
County:	<u>Marion</u> ✓		Northing:	<u>562918</u>
District:	<u>Lincoln</u> ✓	Public Road Access:		<u>Plumb</u>
Quadrangle:	<u>Mannington 7.5'</u> ✓	Generally used farm name:		<u>Potoczny</u>
Watershed:	<u>Dunkard Mill Run</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.

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: *PLEASE CHECK ALL THAT APPLY		OOG OFFICE USE ONLY
<input type="checkbox"/> 1. NOTICE OF SEISMIC ACTIVITY or <input type="checkbox"/> NOTICE NOT REQUIRED BECAUSE NO SEISMIC ACTIVITY WAS CONDUCTED		<input type="checkbox"/> RECEIVED/ NOT REQUIRED
<input checked="" type="checkbox"/> 2. NOTICE OF ENTRY FOR PLAT SURVEY or <input type="checkbox"/> NO PLAT SURVEY WAS CONDUCTED	RECEIVED Office of Oil and Gas	<input type="checkbox"/> RECEIVED
<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	MAY 02 2024 WV Department of Environmental Protection	<input type="checkbox"/> RECEIVED/ NOT REQUIRED
<input type="checkbox"/> WRITTEN WAIVER BY SURFACE OWNER (PLEASE ATTACH)		
<input checked="" type="checkbox"/> 4. NOTICE OF PLANNED OPERATION		<input type="checkbox"/> RECEIVED
<input checked="" type="checkbox"/> 5. PUBLIC NOTICE		<input type="checkbox"/> RECEIVED
<input checked="" type="checkbox"/> 6. NOTICE OF APPLICATION		<input type="checkbox"/> RECEIVED


Required Attachments:

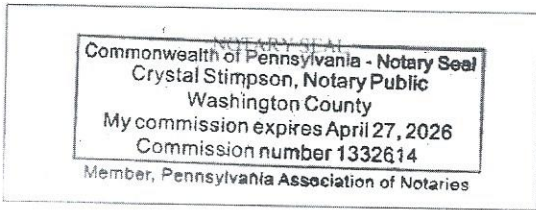
The Operator shall attach to this Notice Certification Form all Notice Forms and Certifications of Notice that have been provided to the required parties and/or any associated written waivers. For the Public Notice, the operator shall attach a copy of the Class II Legal Advertisement with publication 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.

07/05/2024

Certification of Notice is hereby given:

THEREFORE, I Kelley Chico, 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.

Well Operator:	<u>Meadow Ridge Development LLC</u>	Address:	<u>PO Box 1549, 32 Oakland Ave, Washington, PA 15301</u>
By:	<u>Kelley Chico</u> 	Facsimile:	_____
Its:	<u>Owner</u>	Email:	<u>kchico@mrdevllc.com</u>
Telephone:	<u>724-225-8369</u>		



Subscribed and sworn before me this 11 day of April 24
Crystal Stimpson Notary Public
 My Commission Expires April 27 2026

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.

RECEIVED
 Office Of Oil and Gas
 MAY 02 2024
 WV Department of
 Environmental Protection

07/05/2024

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: 04/08/2024 **Date Permit Application Filed:** 04/15/2024

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.

Notice is hereby provided to:

SURFACE OWNER(s)
Name: See attached
Address: _____
Name: _____
Address: _____

COAL OWNER OR LESSEE
Name: See attached
Address: _____

SURFACE OWNER(s) (Road and/or Other Disturbance)
Name: _____
Address: _____
Name: _____
Address: _____

COAL OPERATOR
Name: _____
Address: _____

SURFACE OWNER(s) (Impoundments/Pits)
Name: _____
Address: _____

WATER PURVEYOR(s)
Name: See attached
Address: _____

OPERATOR OF ANY NATURAL GAS STORAGE FIELD
Name: _____
Address: _____

*Please attach additional forms if necessary

07/05/2024

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.

Pursuant to W. Va. Code § 22-6A-10(f), this notice shall also 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.

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.

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.

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.

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 wellpad 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 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

07/05/2024

factors, if necessary.

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.

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.

07/05/2024

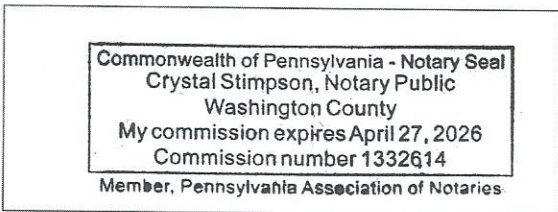
Pursuant to West Virginia Code § 22-6A-10(g), any person entitled to submit written comments to the secretary pursuant to subsection (a), section eleven of this article, shall also be entitled to receive from the secretary a copy of the permit as issued or a copy of the order modifying or denying the 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, notice of the permit decision and a list of persons qualified to test water.

Notice is hereby given by:

Well Operator: Meadow Ridge Development LLC Address: PO Box 1549, 32 Oakland Ave, Washington, PA 15301
Telephone: 724-225-8369
Email: kchico@mrdevllc.com 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.



Subscribed and sworn before me this 11 day of April, 2024.
Crystal Stimpson Notary Public
My Commission Expires April 27 2026

07/05/2024

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
NOTICE OF ENTRY FOR PLAT SURVEY

Notice Time Requirement: Notice shall be provided at least SEVEN (7) days but no more than FORTY-FIVE (45) days prior to entry

Date of Notice: 4/8/24 **Date of Planned Entry:** 4-15-24

Delivery method pursuant to West Virginia Code § 22-6A-10a

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

Pursuant to West Virginia Code § 22-6A-10(a), Prior to filing a permit application, the operator shall provide notice of planned entry on to the surface tract to conduct any plat surveys required pursuant to this article. Such notice shall be provided at least seven days but no more than forty-five days prior to such entry to: (1) The surface owner of such tract; (2) to any owner or lessee of coal seams beneath such tract that has filed a declaration pursuant to section thirty-six, article six, chapter twenty-two of this code; and (3) any owner of minerals underlying such tract in the county tax records. The notice shall include a statement that copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production may be obtained from the Secretary, which statement shall include contact information, including the address for a web page on the Secretary's web site, to enable the surface owner to obtain copies from the secretary.

Notice is hereby provided to:

SURFACE OWNER(s)

Name: See Attached
Address: _____

Name: _____
Address: _____

Name: _____
Address: _____

COAL OWNER OR LESSEE

Name: See Attached
Address: _____

MINERAL OWNER(s)

Name: See Attached
Address: _____

*please attach additional forms if necessary

Notice is hereby given:

Pursuant to West Virginia Code § 22-6A-10(a), notice is hereby given that the undersigned well operator is planning entry to conduct a plat survey on the tract of land as follows:

State: West Virginia
County: Marion
District: Lincoln
Quadrangle: Mannington 7.5'

Approx. Latitude & Longitude: 4380198 562918
Public Road Access: Plumb Rd
Watershed: Dunkard Mill Run
Generally used farm name: Potoczny

Copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production 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). Copies of such documents or additional information related to horizontal drilling may be obtained from the Secretary by visiting www.dep.wv.gov/oil-and-gas/pages/default.aspx.

RECEIVED
Office Of Oil and Gas
MAY 09 2024
WV Department of Environmental Protection

Notice is hereby given by:

Well Operator: Meadow Ridge Development LLC
Telephone: 724-225-8369
Email: kchico@mrdevllc.com

Address: PO Box 1549, 32 Oakland Ave, Washington, PA 15301
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.

07/05/2024

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: 04/08/2024 **Date Permit Application Filed:** 04/15/2024

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: See Attached Address: _____
Name: See Attached 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: West Virginia UTM NAD 83 Easting: 4380198
County: Marion Northing: 562918
District: Lincoln Public Road Access: Plumb Run Rd
Quadrangle: Mannington 7.5' Generally used farm name: Potochny
Watershed: Dunkard Mill Run

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: Meadow Ridge Development LLC Authorized Representative: Kelley Chico
Address: PO Box 1549, 32 Oakland Ave Address: PO Box 1549, 32 Oakland Ave
Washington, PA 15301 Washington, PA 15301
Telephone: 724-225-8369 Telephone: _____
Email: kchico@mrdevllc.com Email: kchico@mrdevllc.com
Facsimile: _____ Facsimile: _____

RECEIVED
Office of Oil and Gas
APR 09 2024
WV Department of Environmental Protection

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.

07/05/2024

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: 04/08/2024 Date Permit Application Filed: 04/15/2024

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

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: See Attached
Address: _____

Name: See Attached
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: <u>West Virginia</u>	UTM NAD 83 Easting: <u>4380198</u>
County: <u>Marion</u>	Northing: <u>562918</u>
District: <u>Lincoln</u>	Public Road Access: <u>Plum Run Rd</u>
Quadrangle: <u>Mannington 7.5'</u>	Generally used farm name: <u>Potoczny</u>
Watershed: <u>Dunkard Mill Run</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: Meadow Ridge Development LLC
Telephone: 724-225-8369
Email: kchico@mrdevllc.com

Address: PO Box 154932 Oakland Ave, Washington, PA 15301
Facsimile: _____

RECEIVED
Office of Oil and Gas
MAY 02 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.

07/05/2024



4704902539

WEST VIRGINIA DEPARTMENT OF TRANSPORTATION

Division of Highways

Office of the District Engineer/Manager

District Four

Post Office Box 4220 · Clarksburg, West Virginia 26302 · (304) 842-1500

Alanna J. Keller, P.E.
Deputy Secretary of Transportation
Deputy Commissioner of Highways

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

April 30, 2024

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

**Subject: DOH Permit for the Potoczny Well Pad, Marion County
Potoczny 5H Well Site**

Dear Mr. Martin,

This well site will be accessed from a DOH permit #04-2010-0439 which has been transferred to Meadow Ridge Development, LLC for access to the State Road for a well site located off Marion County Route 18 SLS MP 5.17.

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 March 6, 2023. This letter is valid for permitting purposes for one year from the date of this letter.

Very Truly Yours,

Lacy D. Pratt
Central Office O&G Coordinator

RECEIVED
Office Of Oil and Gas
MAY 02 2024
WV Department of
Environmental Protection

Cc: Kelley Chico
Meadow Ridge Development, LLC
OM, D-4
File

E.E.O./AFFIRMATIVE ACTION EMPLOYER

07/05/2024

Item	CAS's #
Water	7732-18-5
Silica Substrate	14808-60-7
Calcium Nitrate.4H2O	13477-34-4
Hydrochloric Acid	7647-01-0
Petroleum Distillates, Hydrotreated Light	64742-47-8
Petroleum Distillates, Hydrotreated Light	64742-47-8
Sodium Chloride	7647-14-5
Amine Triphosphate	Proprietary
Ammonium Acetate	631-61-8
Ammonium Acetate	631-61-8
Alcohols, C10-16, Ethoxylated	68002-97-1
Alcohols, C10-16, Ethoxylated	68002-97-1
Alcohols, C12-14, Ethoxylated	68439-50-9
Alcohols, C12-14, Ethoxylated	68439-50-9
Alcohols, C12-16, Ethoxylated	68551-12-2
Alcohols, C12-16, Ethoxylated	68551-12-2
Ethylene Glycol	107-21-1
Ethylene Glycol	107-21-1
Sodium Phosphate, Tribasic	7601-54-9
Sodium Nitrate	7631-99-4
Butyl Diglycol	112-34-5
Butyl Diglycol	112-34-5
Alcohols, C10-16, Ethoxylated	68002-97-1
Alcohols, C10-16, Ethoxylated	68002-97-1
Methanol	67-56-1
Methanol	67-56-1
Formaldehyde	50-00-0
Formaldehyde	50-00-0
Thiourea	62-56-6
Thiourea	62-56-6

07/05/2024

OPERATOR: Meadow Ridge Development WELL NO: 5H

PAD NAME: Potoczny South Unit (West)

REVIEWED BY: Kelley Chico SIGNATURE: 

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

07/05/2024

4704902539

POTOCZNY WELL PAD MEADOW RIDGE DEVELOPMENT, LLC PERMIT PLANS MARION COUNTY, WEST VIRGINIA UPPER MONONGAHELA WATERSHED

GENERAL DESCRIPTION

ADJUST THE EXISTING ACCESS ROAD AND EXPAND THE EXISTING WELL PAD TO AD IN THE DEVELOPMENT OF SEVERAL MARION COUNTY SPREADER WELLS.

GENERAL NOTES

1. ALL SPREADER WELLS LOCATED WITHIN ZONE X PER FEMA MAP NUMBER 8404020802 EFFECTIVE RENT.

LIABILITY STATEMENT

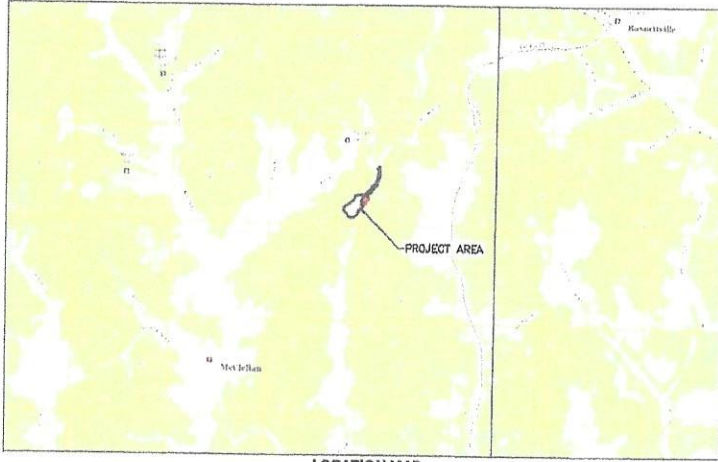
MEADOW RIDGE DEVELOPMENT, OR THE CONTRACTOR, WILL NOT BE RESPONSIBLE FOR THE CATION OF UTILITIES PRIOR TO THE START OF CONSTRUCTION FOR THIS PROJECT.

TRANSFER BASIS

MEADOW RIDGE DEVELOPMENT WILL OBTAIN AN ENDOREMENT PERMIT FROM MD-161 FROM THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS, PRIOR TO COMMENCEMENT OF CONSTRUCTION ACTIVITIES.

THE PROJECT TO BE TEMPORARILY STOCKPILED WITHIN LDD AND RE-OPENED FOR VEGETATION. EXCESS MATERIAL TO BE USED TO REPAIR EXISTING ACCESS ROADS ON THE FOLLOWING PROPERTIES IN MARION COUNTY:

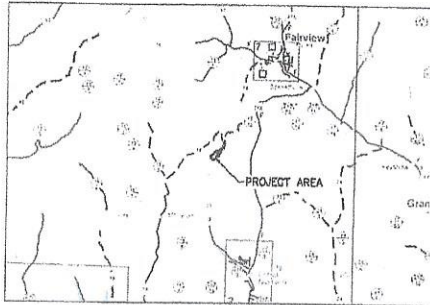
- 1. POTOCZNY MEADOW RIDGE DEVELOPMENT CONVENTIONAL WELL POTOCZNY N04 (APPROXIMATE PARCEL 21-11-1-8)
 - 2. POTOCZNY JERRY & JELLY MEADOW RIDGE DEVELOPMENT CONVENTIONAL WELL POTOCZNY 3 (APPROXIMATE PARCEL 21-11-1-8)
- ANY LAMBSED MATERIAL SHALL BE SOLD OR DISPOSED OF AT A WVSHP APPROVED FACILITY.



LOCATION MAP
MANNINGTON QUADRANGLE 7.0' QUAD
SCALE IN FEET
1" = 2000 FEET

LOCATION NOTES

THERE ARE NO LAMBS, HERRINGS, OR PERCHONAL STREAM WITHIN 100 FEET OF THE WELL PAD. THERE ARE NO WETLANDS THAT WILL BE IMPACTED WITHIN 100 FEET OF THE WELL PAD LDD THAT WILL NEED TO BE PERMITTED. THERE ARE NO RAQUINAL INTERMITTENT OR PERENNIAL RIVER OR STREAMS WITHIN THE LDD THAT WILL NEED TO BE PERMITTED. THERE ARE NO RAQUINAL PERENNIAL TRIBUTARIES WITHIN 200 FEET OF THE WELL PAD AND LDD. THERE ARE NO RAQUINAL PERENNIAL TRIBUTARIES WITHIN 100 FEET OF THE WELL PAD AND LDD. THERE ARE NO RAQUINAL PERENNIAL TRIBUTARIES WITHIN 200 FEET OF THE WELL PAD AND LDD. THERE ARE NO RAQUINAL PERENNIAL TRIBUTARIES WITHIN 200 FEET OF THE WELL PAD AND LDD. THERE ARE NO RAQUINAL PERENNIAL TRIBUTARIES WITHIN 200 FEET OF THE WELL PAD AND LDD.



VICINITY MAP
MARION COUNTY ROAD MAP
SCALE IN FEET
1" = 1 MILE

L.O.D. AREAS

DESCRIPTION	ACRES
ENTERED ACCESS ROAD	1.43
WELL PAD ENTRANCE	0.11
WELL PAD	0.31
SPREADER	0.04
WELL PAD	0.26
WELL PAD	0.28
ADDITIONAL LDD	1.84
TOTAL	2.22
(W/DRILL)	2.24

POTOCZNY WELL PAD BANK GRADING VOLUMES					
DESCRIPTION	OUT (CY)	FILL (CY)	NET (CY)		
PAD ENTRANCE	43	0	43		
WELL PAD	27,025	1,303	28,328		
TOTAL	27,068	1,303	28,371		
TOPSOIL STRIPPING WITH 20% BSWELL (20% D.Y.)			754 CY		
TOTAL EXCAVATION			27,068	1,303	28,371

POTOCZNY WELL LEGEND						
WELL HEAD	W/ NORTH	NAD 83 (2011)	UTM-M	NAD 83 (2011)	NAD 83	REMARKS
A 150	N 560374.05328	N 60418.02013	N 488037.64604	39 34 09.64'	89 34 09.64'	1410.0'
B	E 1783399.14884	E 1752360.87787	E 562952.39308	89 16 01.51'	89 16 01.51'	1410.0'
C	N 598411.56337	N 60418.02013	N 488037.64604	39 34 09.64'	89 34 09.64'	1410.0'
D	E 1783399.14884	E 1752360.87787	E 562952.39308	89 16 01.51'	89 16 01.51'	1410.0'
E	N 598411.56337	N 60418.02013	N 488037.64604	39 34 09.64'	89 34 09.64'	1410.0'
F	E 1783399.14884	E 1752360.87787	E 562952.39308	89 16 01.51'	89 16 01.51'	1410.0'



DESIGN CORRESPONDENCE
THE DRAWINGS, CONSTRUCTION NOTES, AND REFERENCE QUANTITIES ATTACHED HERETO HAVE BEEN PREPARED IN ACCORDANCE WITH THE WEST VIRGINIA CODE OF STATE RULES, DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF CIVIL AND SAS CWS-254.

WEST VIRGINIA CALL BEFORE YOU DIG!
WEST VIRGINIA STATE LAW REQUIRES THAT YOU CALL TWO BUSINESS DAYS BEFORE YOU DIG IN THE STATE OF WEST VIRGINIA, IF BY THE LAW.

SHEET INDEX

C00 - COVER SHEET	C004 - PROFILE AND SECTIONS
C01 - GENERAL NOTES	C005 - PROFILE AND SECTIONS
C02 - MATERIAL QUANTITIES	C006 - PROFILE AND SECTIONS
C03 - MASTER LEGEND	C007 - CHARTER PROFILE
C04 - EXISTING CONDITIONS	C008 - DETAILS
C05 - OVERALL SITE PLAN	C009 - DETAILS
C06 - SITE PLAN	C010 - DETAILS
C07 - PROFILE AND SECTIONS	C011 - DETAIL RECONSTRUCTION PLAN
C08 - PROFILE AND SECTIONS	C012 - RECONSTRUCTION PLAN
C09 - PROFILE AND SECTIONS	C013 - RECONSTRUCTION PLAN

MEADOW RIDGE DEVELOPMENT, LLC
POTOCZNY WELL PAD
MARION COUNTY
WEST VIRGINIA

120 Genesis Boulevard
Bridgeport, WV 26330
Ph: 304.933.3119
www.cccmc.com

COVER SHEET

NO. DATE REVISION DESCRIPTION

NO.	DATE	REVISION	DESCRIPTION

COVER SHEET
DRAWING NO. **C000**
SHEET 1 OF 23

Ky Willett
4/17/24

