



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, July 1, 2024

WELL WORK PLUGGING PERMIT
Coal Bed Methane Well Plugging

DIVERSIFIED PRODUCTION LLC
101 MCQUISTON DRIVE

JACKSON CENTER, PA 16133

Re: Permit approval for WPHC-212A
47-109-02569-00-00

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.

Upon completion of the plugging well work, the above named operator will reclaim the site according to the provisions of WV Code 22-6-30. Please be advised that form WR-38, Affidavit of Plugging and Filling Well, 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: WPHC-212A
Farm Name: JOHNSON, JAMES & BETTY
U.S. WELL NUMBER: 47-109-02569-00-00
Coal Bed Methane Well Plugging
Date Issued: 07/01/2024

PERMIT CONDITIONS

West Virginia Code §22-6-11 allows the Office of Oil and Gas to place specific conditions upon this permit. Permit conditions have the same effect as law. Failure to adhere to the specified permit conditions may result in enforcement action.

CONDITIONS

1. All pits must be lined with a minimum of 20 mil thickness synthetic liner.
2. In the event of an accident or explosion causing loss of life or serious personal injury in or about the well or while working on the well, the well operator or its contractor shall give notice, stating the particulars of the accident or explosion, to the oil and gas inspector and the Chief within twenty-four (24) hours.
3. Well work activities shall not constitute a hazard to the safety of persons.
4. 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.

WN-4B
Rev. 2/01

1) Date April 18, 2024
2) Operator's
Well No. WPHC 212A
3) API Well No. 47-109-02560

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

APPLICATION FOR A PERMIT TO PLUG AND ABANDON A CBM WELL.

4) Well Type: Oil / Gas / Liquid injection / Waste disposal /
(If "Gas, Production or Underground storage) Deep / Shallow

5) Location: Elevation 2188.57' Watershed White Oak Fork of Rockcastle Creek
District Center County WYOMING Quadrangle Matheny 7.5'

6) Well Operator Diversified Production, LLC 7) Designated Agent Chuck Shafer
Address 414 Summers Street Address 414 Summers Street
Charleston, WV 25301 Charleston, WV 25301

8) Oil and Gas Inspector to be notified Name Christian Porter 9) Plugging Contractor Name Next LVL Energy (Diversified Owned)
Address PO Box 181 Address 104 Helliport Loop Rd
Holden, WV 25625 Bridgeport, WV 25330

10) Work Order: The work order for the manner of plugging this well is as follows:

See Attached

THIS IS AN ACCESS WELL
FOR CBM PRODUCTION WELLS
47-109-02570 & 02571.

JMM

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Notification must be given to the district oil and gas inspector 24 hours before permitted work can commence.

WV Department of
Environmental Protection

Work order approved by inspector



Date

5-6-24

4710902569P

Plugging Prognosis

API #: 4710902569

West Virginia, Wyoming County

Lat/Long: 37.648212, -81.505665

Nearest ER: Welch Community Hospital – Emergency Room – 454 McDowell St, Welch, WV 24801

Casing Schedule

13-3/8" @ 32' (CTS w/ 11.8 cu ft)

9-5/8" @ 219' (CTS w/ 118 cu ft)

7" @ 1080' (CTS w/ 212.4 cu ft)

TD listed as 1105' – listed on Form WR-35

Estimated kickoff @ unknown

Completion – Pilot Well for CBM production, projected depth of coal seam (unknown) is below kickoff point. Unknown if well has bridge plug in it.

Fresh Water: None Reported

Salt Water: None Reported

Gas Shows: None Reported

Oil Shows: None Reported

Coal: 40' - listed on Form WR-35

Elevation: 2196.8'

1. Notify Inspector Christian Porter @ (304) 541-0079, 48 hrs prior to commencing operations.
2. Record pressure on csg.
3. RIH to listed TD.
4. Kill well as needed with 6% bentonite gel.
5. Set CIBP inside 7" csg @ 1070'.
6. Cement w/ Class L cement from CIBP to surface (estimated 250 sks @ 1.14 yield).
7. Reclaim site and set monument per WV DEP regulations.

Note: The uncased 4 3/8" wellbore from curve to lateral will be filled w/ gel/cement from the production wells when plugging them.

AP

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 SEP 11 2008
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 Environmental Protection

DATE: 09/09/2008
 API#: 4710902569C

State of West Virginia
 Division of Environmental Production
 Section of Oil and Gas
 Well Operator's Report of Well Work

Farm Name Georgia Pacific Corporation Operator Well No.: WPHC-212A
 LOCATION Elevation: 2196.8 Quadrangle: Matheny 7 1/2'

District: Center County: Wyoming
 Latitude: 6740 Feet South of 37 Deg. 40 Min. 00 Sec.
 Longitude: 1710 Feet West of 81 Deg. 30 Min. 00 Sec.

Company:
 Penn Virginia Oil & Gas Corporation

	Casing and Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
Address: 2550 East Stone Drive, Suite 110 Kingsport, TN 37660	13 3/8"	32'	32'	11.8 Cu Ft.
Agent: Bryant Bowman	9 5/8"	219'	219'	118 Cu Ft.
Inspector: Barry Stollings	7"	1080'	1080'	212.4 Cu Ft.
Date Permit Issued: 04/07/2006				
Date Well Work Commenced: <u>01/19/2004</u>				
Date Well Work Completed: 03/12/2007				
Verbal Plugging:				
Date Permission granted on:				
Rotary X Cable Rig				
Total Depth (feet): 1,105				
Fresh Water Depth (ft): None Reported				
Salt Water Depth (ft): None Reported				
Is coal being mined in area (N/Y)? N				
Coal Depths (ft): 40				

OPEN FLOW DATA

Producing formation No Production from this well Pay zone depth (ft) _____
 Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/d
 Final open flow _____ MCF/d Final open flow _____ Bbl/d
 Time of open flow between initial and final tests: _____ Hours
 Static rock pressure _____ psig (surface pressure) after _____ Hours

Second producing formation _____ Pay zone depth (ft) _____
 Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/d
 Final open flow _____ MCF/d Final open flow _____ Bbl/d
 Time of open flow between initial and final tests: _____ Hours
 Static rock pressure _____ psig (surface pressure) after _____ Hours

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

Signed: Martha E. Hudson
 By: EVELYN HUDSON
 Date: 9/10/08

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DETAILS OF PERFORATIONS, FRACTURING, OR PHYSICAL CHANGE, ETC.

<u>FORMATIONS</u>	<u>TOP</u>	<u>BOTTOM</u>	<u>REMARKS</u>
Sand	0000	0026	
Shale	0026	0040	
Coal	0040	0042	
Shale	0042	0176	
Sand	0176	0232	TD Vertical Well: Begin curve for horizontal later

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4710902569P

109-2569C

109-02569

CASING AND TUBING PROGRAM

TYPE	SPECIFICATIONS			FOOTAGE	INTERVALS	CEMENT
	Size	Grade	Weight per ft	For Drilling	Left in Well	Fill-up (Cu. Ft.)
Conductor	13 3/8	LS	37	20	20'	0.
Fresh Water	9 5/8	LS	26	170	170	ss CTS
Coal						
Intermediate	7	J55	23	580	580	90 CTS GCS
Production						
Tubing						
Liners						

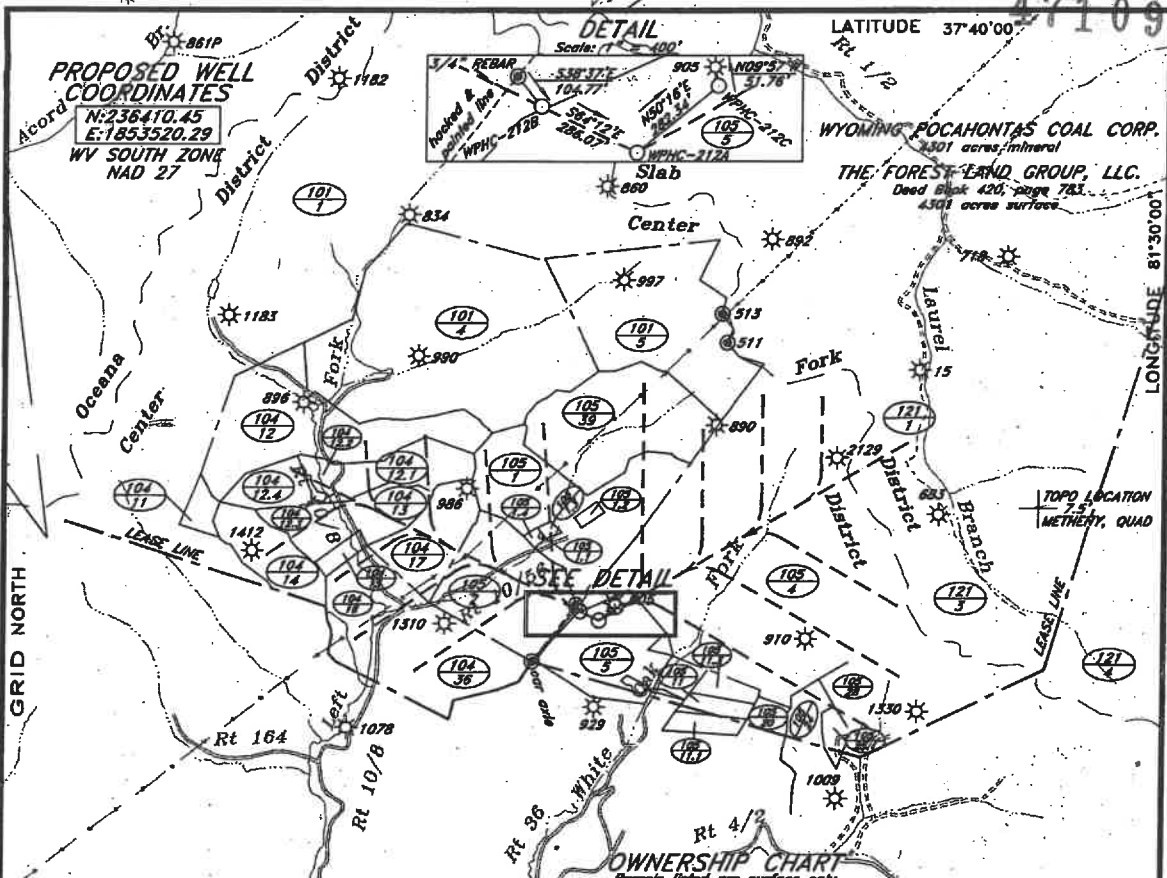
Packers:

- Fee(s) paid:
 Well Work Permit:
 Reclamation Fund:
 WPCP:
- Plat:
 WW-9:
 WW-5:
 Bond _____
 Agent:
- (Type)

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47109 02569P

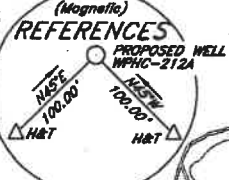


PROPOSED WELL COORDINATES
 N: 238410.45
 E: 1853520.29
 WV SOUTH ZONE
 NAD 27



OWNERSHIP CHART
 Parcels listed are surface only

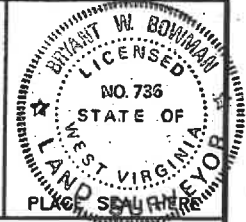
TAX MAP	PARCEL NUMBERS	DB/PG	TAX MAP	PARCEL NUMBERS	DB/PG
	JANA & THOMAS BRIZENDINE			FRANK & VIDA LAXTON	
121	1.3	410/330	105	2	UNKNOWN
	ANDREW MCCOY			FOREST LAND GROUP, LLC	
104	12,13,14,16,17,36	239/307 199/288	105	4	420/783
	BENJAMIN & JOY CASSIDY			JAMES D. & BETTY JOHNSON	
104	12.1	412/304	105	5	320/701
	LINDA & DAVID LOVINS			DAVID K. & JAMIE SUE PENDRY	
104	12.2,12.3	377/365	105	24	WB17/166
	MARY & KENNETH LESTER HIERS			DANNY PAUL & WENDY K. PENDRY	
104	12.4	244/340		25.1	415/377
	YEDDY & BETTY SHUMATE			BRAIN EDWARD WORKMAN	
105	1	396/658	105	28	360/722
	RAY SHUMATE			PERDEE & CURTIN REALTY, LLC	
105	1.1	278/330	105	39	409/458



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

FILE NO. _____
 DRAWING NO. _____
 SCALE 1"=2000'
 MINIMUM DEGREE OF ACCURACY 1:39000
 PROVEN SOURCE OF ELEVATION GPS DISK NO. WP1
 2413.70'

I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.
 (SIGNED) *Dyanita Bowman*
 R.P.E. _____ L.L.S. 736



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

DATE May 1, 2005
 OPERATOR'S WELL NO. WPHC-212A
 API WELL NO. 47-109-02569-C

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

LOCATION: ELEVATION 2196.80' WATERSHED WHITE OAK FORK OF ROCKCASTLE CREEK
 DISTRICT CENTER COUNTY WYOMING
 QUADRANGLE MATHENY, WY

SURFACE OWNER JAMES D. & BETTY JOHNSON ACREAGE 49.51
 OIL & GAS ROYALTY OWNER PENN VIRGINIA OIL & GAS CORPORATION LEASE ACREAGE 4301±
 LEASE NO. _____

PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____

PLUG AND ABANDON CLEAN OUT AND REPLUG

TARGET FORMATION Poca Car ESTIMATED DEPTH 1165'
 WELL OPERATOR PENN VIRGINIA OIL & GAS CORPORATION DESIGNATED AGENT MR. HARRY JEWEL
 ADDRESS 2550 EAST STONE DRIVE SUITE 110 ADDRESS PO BOX 460
KINGSPORT, TN 37660 RAVENCLIFF, WV 25913

FORM WW-6

COUNTY NAME _____
 PERMIT _____

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 WV Department of Environmental Protection

07/05/2024



Select County: (109) Wyoming (Check All)

Enter Permit #: 02571

Get Data Reset

Select datatypes: (Check All)

Location Production Plugging

Owner/Completion Stratigraphy Sample

Pay/Show/Water Logs Btm Hole Loc

Table Descriptions
 County Code Translations
 Permit-Numbering Series
 Usage Notes
 Contact Information
 Disclaimer
 WVGES Main
 Pipeline-Plus New

4710902569P

WV Geological & Economic Survey:

Well: County = 109 Permit = 02571 [Link to all digital records for well](#)

Report Time: Monday, July 01, 2024 1:46:39 PM

Location Information: [View Map](#)

API	COUNTY	PERMIT	TAX DISTRICT	QUAD_75	QUAD_15	LAT_DD	LONG_DD	UTME	UTMN
4710902571	Wyoming	2571	Center	Matheny	Pineville	37.648792	-81.504935	455457.3	4166968.8

ACCESS WELL 4710902569

There is no Bottom Hole Location data for this well

FOR PRODUCTION WELL 02571

Owner Information:

API	CMP_DT	SUFFIX	STATUS	SURFACE_OWNER	WELL_NUM	CO_NUM	LEASE	LEASE_NUM	MINERAL_OWN	OPERATOR_AT_COMPLETION	PROP_VD	PROP_TRGT_FM	TFM_EST_PR
4710902571	4/25/2007	Original Loc	Completed	James D/B Johnson		WPHC-212C			Penn Virginia O&G	Penn Virginia Oil & Gas Corp.	1180	Pocahontas Fm	

Completion Information:

API	CMP_DT	SPUD_DT	ELEV	DATUM	FIELD	DEEPEST_FM	DEEPEST_FMT	INITIAL_CLASS	FINAL_CLASS	TYPE	RIG	CMP_MTHD	TVD	TMD	NEW_FTG	KOD	G_BEF	G	
4710902571	4/25/2007	7/21/2006	2174	Ground Level	Pineville	Pennsylvanian System		unidentified coal	Development Well	Development Well	Methane (CBM)	Rotary	unknown	1181					1181

Pay/Show/Water Information:

API	CMP_DT	ACTIVITY	PRODUCT	SECTION	DEPTH_TOP	FM_TOP	DEPTH_BOT	FM_BOT	G_BEF	G_AFT	O_BEF	O_AFT	WATER_QNTY
4710902571	4/25/2007	Methane Pay	Gas	Vertical		805 Beckley Lo Splt coal		810 Beckley Lo Splt coal					
4710902571	4/25/2007	Methane Pay	Gas	Vertical	1134	Pocahontas No.3 coal		1138 Pocahontas No.3 coal					

Production Gas Information: (Volumes in Mcf) * 2023 data for H6A wells only. Other wells are incomplete at this time.

API	PRODUCING_OPERATOR	PRD_YEAR	ANN_GAS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DCM
4710902571	Penn Virginia Oil & Gas Corp.	2006	855	0	0	0	0	0	0	0	0	0	0	855	0
4710902571	Penn Virginia Oil & Gas Corp.	2007	122,650	3,714	3,561	1,830	4,954	525	6,541	11,031	13,157	19,631	18,883	17,731	21,192
4710902571	Penn Virginia Oil & Gas Corp.	2008	227,445	20,530	21,207	19,155	19,219	14,310	22,559	21,289	20,880	18,899	16,592	16,141	16,664
4710902571	Penn Virginia Oil & Gas Corp.	2009	140,906	16,834	14,176	14,374	12,365	11,279	10,702	11,330	9,863	11,093	8,730	9,906	10,254
4710902571	Penn Virginia Oil & Gas Corp.	2010	101,042	8,289	6,733	9,578	8,467	9,068	9,768	8,479	6,465	7,613	9,650	8,612	8,322
4710902571	Penn Virginia Oil & Gas Corp.	2011	79,729	7,800	6,125	6,384	7,921	7,615	7,093	6,897	6,713	5,654	6,677	5,292	5,458
4710902571	Enervest Operating, LLC	2012	58,390	5,553	4,925	5,020	5,307	4,976	4,066	4,100	5,567	5,192	4,780	4,439	4,465
4710902571	Enervest Operating, LLC	2013	45,652	4,507	2,438	2,488	4,090	5,393	4,275	4,459	4,232	4,200	3,465	3,202	2,905
4710902571	Enervest Operating, LLC	2014	27,519	2,899	2,824	2,967	2,337	3,572	2,810	2,288	1,924	1,756	1,682	1,099	1,351
4710902571	Enervest Operating, LLC	2015	26,739	1,218	993	1,420	2,509	3,124	2,731	2,774	2,164	2,373	2,492	2,443	2,498
4710902571	Nytils Exploration Co., LLC	2016	22,429	2,423	2,247	1,654	973	1,308	2,369	2,226	2,124	1,950	1,875	1,778	1,502
4710902571	Nytils Exploration Co., LLC	2017	13,112	1,793	1,405	1,390	1,628	1,530	1,618	418	1,624	448	1,174	84	0
4710902571	Nytils Exploration Co., LLC	2018	9,226	688	937	1,026	590	417	782	644	684	841	849	984	784
4710902571	Nytils Exploration Co., LLC	2019	3,242	539	486	867	556	598	196	0	0	0	0	0	0
4710902571	Diversified Production, LLC	2020	391	0	0	0	0	0	0	0	0	0	0	0	391
4710902571	Diversified Production, LLC	2021	530	454	76	0	0	0	0	0	0	0	0	0	0
4710902571	Diversified Production, LLC	2022	1,216	282	408	443	37	0	0	0	0	0	0	0	44

Production Oil Information: (Volumes in Bbl) ** some operators may have reported NGL under Oil * 2023 data for H6A wells only. Other wells are incomplete at this time.

API	PRODUCING_OPERATOR	PRD_YEAR	ANN_OIL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DCM
4710902571	Penn Virginia Oil & Gas Corp.	2006	0	0	0	0	0	0	0	0	0	0	0	0	0
4710902571	Penn Virginia Oil & Gas Corp.	2007	0	0	0	0	0	0	0	0	0	0	0	0	0
4710902571	Penn Virginia Oil & Gas Corp.	2008	0	0	0	0	0	0	0	0	0	0	0	0	0
4710902571	Penn Virginia Oil & Gas Corp.	2009	0	0	0	0	0	0	0	0	0	0	0	0	0
4710902571	Penn Virginia Oil & Gas Corp.	2010	0	0	0	0	0	0	0	0	0	0	0	0	0
4710902571	Penn Virginia Oil & Gas Corp.	2011	0	0	0	0	0	0	0	0	0	0	0	0	0
4710902571	Enervest Operating, LLC	2012	0	0	0	0	0	0	0	0	0	0	0	0	0
4710902571	Enervest Operating, LLC	2013	0	0	0	0	0	0	0	0	0	0	0	0	0
4710902571	Enervest Operating, LLC	2014	0	0	0	0	0	0	0	0	0	0	0	0	0
4710902571	Enervest Operating, LLC	2015	0	0	0	0	0	0	0	0	0	0	0	0	0
4710902571	Enervest Operating, LLC	2016	0	0	0	0	0	0	0	0	0	0	0	0	0
4710902571	Nytils Exploration Co., LLC	2017	0	0	0	0	0	0	0	0	0	0	0	0	0
4710902571	Nytils Exploration Co., LLC	2018	0	0	0	0	0	0	0	0	0	0	0	0	0
4710902571	Nytils Exploration Co., LLC	2019	0	0	0	0	0	0	0	0	0	0	0	0	0
4710902571	Nytils Exploration Co., LLC	2020	0	0	0	0	0	0	0	0	0	0	0	0	0
4710902571	Diversified Production, LLC	2021	0	0	0	0	0	0	0	0	0	0	0	0	0
4710902571	Diversified Production, LLC	2022	0	0	0	0	0	0	0	0	0	0	0	0	0

Production NGL Information: (Volumes in Bbl) ** some operators may have reported NGL under Oil * 2023 data for H6A wells only. Other wells are incomplete at this time.

API	PRODUCING_OPERATOR	PRD_YEAR	ANN_NGL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DCM
4710902571	Enervest Operating, LLC	2013	0	0	0	0	0	0	0	0	0	0	0	0	0
4710902571	Enervest Operating, LLC	2014	0	0	0	0	0	0	0	0	0	0	0	0	0
4710902571	Enervest Operating, LLC	2015	0	0	0	0	0	0	0	0	0	0	0	0	0
4710902571	Enervest Operating, LLC	2016	0	0	0	0	0	0	0	0	0	0	0	0	0
4710902571	Nytils Exploration Co., LLC	2018	0	0	0	0	0	0	0	0	0	0	0	0	0
4710902571	Nytils Exploration Co., LLC	2019	0	0	0	0	0	0	0	0	0	0	0	0	0
4710902571	Nytils Exploration Co., LLC	2020	0	0	0	0	0	0	0	0	0	0	0	0	0
4710902571	Diversified Production, LLC	2021	0	0	0	0	0	0	0	0	0	0	0	0	0
4710902571	Diversified Production, LLC	2022	0	0	0	0	0	0	0	0	0	0	0	0	0

Production Water Information: (Volumes in Gallons) * 2023 data for H6A wells only. Other wells are incomplete at this time.

API	PRODUCING_OPERATOR	PRD_YEAR	ANN_WTR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DCM
4710902571	Nytils Exploration Co., LLC	2016	0	0	0	0	0	0	0	0	0	0	0	0	0
4710902571	Nytils Exploration Co., LLC	2018	0	0	0	0	0	0	0	0	0	0	0	0	0
4710902571	Nytils Exploration Co., LLC	2019	0	0	0	0	0	0	0	0	0	0	0	0	0
4710902571	Diversified Production, LLC	2020	0	0	0	0	0	0	0	0	0	0	0	0	0
4710902571	Diversified Production, LLC	2021	0	0	0	0	0	0	0	0	0	0	0	0	0
4710902571	Diversified Production, LLC	2022	0	0	0	0	0	0	0	0	0	0	0	0	0

Stratigraphy Information:

API	SUFFIX	FM	FM_QUALITY	DEPTH_TOP	DEPTH_QUALITY	THICKNESS	THICKNESS_QUALITY	ELEV	DATUM
4710902571	Original Loc	unidentified coal	CBM: Drill Hole	220	Reasonable		9 Reasonable	2174	Ground Level
4710902571	Original Loc	Beckley Lo Splt coal	CBM: Drill Hole	805	Reasonable		5 Reasonable	2174	Ground Level
4710902571	Original Loc	Pocahontas No.3 coal	CBM: Drill Hole	1134	Reasonable		4 Reasonable	2174	Ground Level

Wireline (E-Log) Information:

* There is no Scanned/Raster Log data for this well

* There is no Digitized/LAS Log data for this well

* There is no Scanned or Digital Logs available for download

There is no Plugging data for this well

There is no Sample data for this well

07/05/2024



Select County: (109) Wyoming (Check All)

Select datatypes: Location Production Plugging
 Owner/Completion Stratigraphy Sample
 Pay/Show/Water Logs Btm Hole Loc

Enter Permit #: 02570

Get Data Reset

[Table Descriptions](#)
[County Code Translations](#)
[Permit-Numbering Series](#)
[Usage Notes](#)
[Contact Information](#)
[Disclaimer](#)
[WVGES Main](#)
["Pipeline-Plus" New](#)

WV Geological & Economic Survey:

Well: County = 109 Permit = 02570 [Link to all digital records for well](#)

Report Time: Monday, July 01, 2024 1:46:04 PM

Location Information: [View Map](#)

API	COUNTY	PERMIT	TAX DISTRICT	QUAD_75	QUAD_15	LAT_DD	LONG_DD	UTME	UTMN
4710902570	Wyoming	2570	Center	Matheny	Pineville	37.648647	-81.506577	455312.4	4166953.5

ACCESS WELL 4710902569
FOR PRODUCTION WELL 02570

There is no Bottom Hole Location data for this well

Owner Information:

API	CMP_DT	SUFFIX	STATUS	SURFACE_OWNER	WELL_NUM	CO_NUM	LEASE	LEASE_NUM	MINERAL_OWN	OPERATOR_AT_COMPLETION	PROP_VD	PROP_TRGT_FM	TFM_EST_PR
4710902570	10/12/2006	Original Loc	Completed	Forest Land Group		WPHC-212B			Penn Virginia O&G	Penn Virginia Oil & Gas Corp.	1200	Pocahontas Fm	

Completion Information:

API	CMP_DT	SPUD_DT	ELEV DATUM	FIELD	DEEPEST_FM	DEEPEST_FMT	INITIAL_CLASS	FINAL_CLASS	TYPE	RIG	CMP_MTHD	TVD	TMD	NEW_FTG	KOD	G_BEFO	
4710902570	10/12/2006	7/14/2006	2211	Ground Level	Pineville	Pennsylvanian System	unidentified coal	Development Well	Development Well	Methane (CBM)	Rotary	unknown	1230			1230	

Pay/Show/Water Information:

API	CMP_DT	ACTIVITY	PRODUCT	SECTION	DEPTH_TOP	FM_TOP	DEPTH_BOT	FM_BOT	G_BEFO	G_AFT	O_BEFO	O_AFT	WATER_QNTY
4710902570	10/12/2006	Methane Pay	Gas	Vertical	828	Beckley Lo Split coal	831	Beckley Lo Split coal					
4710902570	10/12/2006	Methane Pay	Gas	Vertical	1151	Pocahontas No.3 coal	1153	Pocahontas No.3 coal					

Production Gas Information: (Volumes in Mcf) * 2023 data for H6A wells only. Other wells are incomplete at this time.

API	PRODUCING_OPERATOR	PRD_YEAR	ANN_GAS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DCM
4710902570	Penn Virginia Oil & Gas Corp.	2007	149,139	5,900	8,558	4,303	20,213	17,609	17,795	14,717	13,050	12,566	11,052	11,838	11,539
4710902570	Penn Virginia Oil & Gas Corp.	2008	128,887	10,907	10,990	10,568	10,183	9,086	9,080	11,857	11,463	12,015	10,309	11,605	10,824
4710902570	Penn Virginia Oil & Gas Corp.	2009	88,666	11,052	10,155	9,396	8,232	6,653	6,122	6,606	7,307	5,568	6,009	5,541	6,025
4710902570	Penn Virginia Oil & Gas Corp.	2010	59,629	4,604	3,650	5,368	5,115	5,535	5,700	5,057	3,824	4,542	5,994	5,499	4,741
4710902570	Penn Virginia Oil & Gas Corp.	2011	49,234	5,403	3,983	4,258	4,835	4,896	4,537	4,295	4,262	3,647	4,146	2,580	2,392
4710902570	Enervest Operating, LLC	2012	36,192	3,780	3,243	3,063	3,109	3,090	2,861	2,567	3,264	2,539	2,003	1,796	1,286
4710902570	Enervest Operating, LLC	2013	26,161	2,413	1,338	1,737	2,370	3,109	2,647	2,473	2,450	1,157	983	688	877
4710902570	Enervest Operating, LLC	2014	17,223	1,864	1,746	2,057	1,902	1,388	1,516	1,810	1,486	1,157	893	783	728
4710902570	Enervest Operating, LLC	2015	10,722	803	883	928	1,053	1,004	786	785	718	1,308	893	783	877
4710902570	Nytris Exploration Co., LLC	2016	12,412	1,136	998	287	123	526	1,502	1,460	1,417	1,304	1,255	1,220	1,184
4710902570	Nytris Exploration Co., LLC	2017	8,404	1,345	1,179	618	975	988	1,011	283	1,010	275	720	0	0
4710902570	Nytris Exploration Co., LLC	2018	6,870	536	728	797	326	522	0	486	635	728	772	702	638
4710902570	Nytris Exploration Co., LLC	2019	2,942	573	516	886	527	440	0	0	0	0	0	0	0
4710902570	Diversified Production, LLC	2020	0	0	0	0	0	0	0	0	0	0	0	0	0
4710902570	Diversified Production, LLC	2021	0	0	0	0	0	0	0	0	0	0	0	0	0
4710902570	Diversified Production, LLC	2022	0	0	0	0	0	0	0	0	0	0	0	0	0

Production Oil Information: (Volumes in Bbl) ** some operators may have reported NGL under Oil * 2023 data for H6A wells only. Other wells are incomplete at this time.

API	PRODUCING_OPERATOR	PRD_YEAR	ANN_OIL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DCM
4710902570	Penn Virginia Oil & Gas Corp.	2007	0	0	0	0	0	0	0	0	0	0	0	0	0
4710902570	Penn Virginia Oil & Gas Corp.	2008	0	0	0	0	0	0	0	0	0	0	0	0	0
4710902570	Penn Virginia Oil & Gas Corp.	2009	0	0	0	0	0	0	0	0	0	0	0	0	0
4710902570	Penn Virginia Oil & Gas Corp.	2010	0	0	0	0	0	0	0	0	0	0	0	0	0
4710902570	Penn Virginia Oil & Gas Corp.	2011	0	0	0	0	0	0	0	0	0	0	0	0	0
4710902570	Enervest Operating, LLC	2012	0	0	0	0	0	0	0	0	0	0	0	0	0
4710902570	Enervest Operating, LLC	2013	0	0	0	0	0	0	0	0	0	0	0	0	0
4710902570	Enervest Operating, LLC	2014	0	0	0	0	0	0	0	0	0	0	0	0	0
4710902570	Enervest Operating, LLC	2015	0	0	0	0	0	0	0	0	0	0	0	0	0
4710902570	Enervest Operating, LLC	2016	0	0	0	0	0	0	0	0	0	0	0	0	0
4710902570	Nytris Exploration Co., LLC	2017	0	0	0	0	0	0	0	0	0	0	0	0	0
4710902570	Nytris Exploration Co., LLC	2018	0	0	0	0	0	0	0	0	0	0	0	0	0
4710902570	Nytris Exploration Co., LLC	2019	0	0	0	0	0	0	0	0	0	0	0	0	0
4710902570	Nytris Exploration Co., LLC	2020	0	0	0	0	0	0	0	0	0	0	0	0	0
4710902570	Diversified Production, LLC	2021	0	0	0	0	0	0	0	0	0	0	0	0	0
4710902570	Diversified Production, LLC	2022	0	0	0	0	0	0	0	0	0	0	0	0	0

Production NGL Information: (Volumes in Bbl) ** some operators may have reported NGL under Oil * 2023 data for H6A wells only. Other wells are incomplete at this time.

API	PRODUCING_OPERATOR	PRD_YEAR	ANN_NGL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DCM
4710902570	Enervest Operating, LLC	2013	0	0	0	0	0	0	0	0	0	0	0	0	0
4710902570	Enervest Operating, LLC	2014	0	0	0	0	0	0	0	0	0	0	0	0	0
4710902570	Enervest Operating, LLC	2015	0	0	0	0	0	0	0	0	0	0	0	0	0
4710902570	Enervest Operating, LLC	2016	0	0	0	0	0	0	0	0	0	0	0	0	0
4710902570	Nytris Exploration Co., LLC	2018	0	0	0	0	0	0	0	0	0	0	0	0	0
4710902570	Nytris Exploration Co., LLC	2019	0	0	0	0	0	0	0	0	0	0	0	0	0
4710902570	Diversified Production, LLC	2020	0	0	0	0	0	0	0	0	0	0	0	0	0
4710902570	Diversified Production, LLC	2021	0	0	0	0	0	0	0	0	0	0	0	0	0
4710902570	Diversified Production, LLC	2022	0	0	0	0	0	0	0	0	0	0	0	0	0

Production Water Information: (Volumes in Gallons) * 2023 data for H6A wells only. Other wells are incomplete at this time.

API	PRODUCING_OPERATOR	PRD_YEAR	ANN_WTR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DCM
4710902570	Nytris Exploration Co., LLC	2016	0	0	0	0	0	0	0	0	0	0	0	0	0
4710902570	Nytris Exploration Co., LLC	2018	0	0	0	0	0	0	0	0	0	0	0	0	0
4710902570	Nytris Exploration Co., LLC	2019	0	0	0	0	0	0	0	0	0	0	0	0	0
4710902570	Diversified Production, LLC	2020	0	0	0	0	0	0	0	0	0	0	0	0	0
4710902570	Diversified Production, LLC	2021	0	0	0	0	0	0	0	0	0	0	0	0	0
4710902570	Diversified Production, LLC	2022	0	0	0	0	0	0	0	0	0	0	0	0	0

Stratigraphy Information:

API	SUFFIX	FM	FM_QUALITY	DEPTH_TOP	DEPTH_QUALITY	THICKNESS	THICKNESS_QUALITY	ELEV DATUM
4710902570	Original Loc	Beckley Lo Split coal	CBM: Drill Hole	828	Reasonable	3	Reasonable	2211 Ground Level
4710902570	Original Loc	Pocahontas No.3 coal	CBM: Drill Hole	1151	Reasonable	2	Reasonable	2211 Ground Level

Wireline (E-Log) Information:

* There is no Scanned/Raster Log data for this well

* There is no Digitized/LAS Log data for this well

* There is no Scanned or Digital Logs available for download

There is no Plugging data for this well

There is no Sample data for this well

4710902569P

WW-4A
Revised 6-07

1) Date: 4/18/2024
2) Operator's Well Number WPHC 212A

3) API Well No.: 47 - 109 - 02569

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
NOTICE OF APPLICATION TO PLUG AND ABANDON A WELL (CBM WELL)

4) Surface Owner(s) to be served:	5) (a) Coal Operator
(a) Name <u>James & Betty Johnson</u>	Name <u>None Reported</u>
Address <u>PO Box 151</u>	Address _____
<u>Rock View, WV 24880</u>	_____
(b) Name _____	(b) Coal Owner(s) with Declaration
Address _____	Name <u>West Virginia Mid Vol, INC.</u>
_____	Address <u>836 Euclid Ave.</u>
_____	<u>Lexington, KY 40502</u>
(c) Name _____	Name _____
Address _____	Address _____
_____	_____
6) Inspector <u>Christian Porter</u>	(c) Coal Lessee with Declaration
Address <u>PO Box 181</u>	Name <u>None Reported</u>
<u>Holden, WV 25625</u>	Address _____
Telephone <u>(304) 541-0079</u>	_____

TO THE PERSONS NAMED ABOVE: You should have received this Form and the following documents:

- (1) The application to Plug and Abandon a Well on Form WW-4B, which sets out the parties involved in the work and describes the well its and the plugging work order; and
- (2) The plat (surveyor's map) showing the well location on Form WW-6.

The reason you received these documents is that you have rights regarding the application which are summarized in the instructions on the reverses side. However, you are not required to take any action at all.

Take notice that under Chapter 22-6 of the West Virginia Code, the undersigned well operator proposes to file or has filed this Notice and Application and accompanying documents for a permit to plug and abandon a well with the Chief of the Office of Oil and Gas, West Virginia Department of Environmental Protection, with respect to the well at the location described on the attached Application and depicted on the attached Form WW-6. Copies of this Notice, the Application, and the plat have been mailed by registered or certified mail or delivered by hand to the person(s) named above (or by publication in certain circumstances) on or before the day of mailing or delivery to the Chief.



Well Operator Diversified Production, LLC
 By: Chris Veazey
 Its: Director of Administration
 Address 414 Summers Street
Charleston, WV 25301
 Telephone 304-590-7707

Subscribed and sworn before me this 18th day of April, 2024

My Commission Expires September 28, 2028

Notary Public

RECEIVED
Office of Oil and Gas
MAY 20 2024

Oil and Gas Privacy Notice

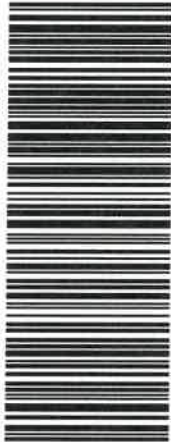
The Office of Oil and Gas processes your personal information, such as name, address and phone number, as a part of our regulatory duties. Your personal information may be disclosed to other State agencies or third parties in the normal course of business or as needed to comply with statutory or regulatory requirements, including Freedom of Information Act requests. Our office will appropriately secure your personal information. If you have any questions about our use of your personal information, please contact DEP's Chief Privacy Officer at depprivacyofficer@wv.gov.

07/05/2024

4710902569P

Diversified Gas & Oil Corporation
Permitting Department
414 SUMMERS STREET
2ND. FLOOR
CHARLESTON WV 25301

USPS CERTIFIED MAIL™



9407 1362 0855 1835 3225 32



JAMES & BETTY JOHNSON
PO BOX 151
ROCK VIEW WV 24880-0151

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Office of Oil and Gas

MAY 20 2024

WV Department of
Environmental Protection

US POSTAGE AND FEES PAID

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25301

C4000004

Retail

4.0 OZ FLAT



0901000010716

07/05/2024

SURFACE OWNER WAIVER

4710902569P

Operator's Well
Number

WPHC 212A

INSTRUCTIONS TO SURFACE OWNERS NAMED ON PAGE WW4-A

The well operator named on page WW-4A is applying for a permit from the State to plug and abandon a well. (Note: If the surface tract is owned by more than three persons, then these materials were served on you because your name appeared on the Sheriff's tax ticket on the land or because you actually occupy the surface tract. In either case, you may be the only owner who will actually receive these materials.) See Chapter 22 of the West Virginia Code. Well work permits are valid for 24 months. If you do not own any interest in the surface tract, please forward these materials to the true owner immediately if you know who it is. Also, please notify the well operator and the Office of Oil and Gas.

**NOTE: YOU ARE NOT REQUIRED TO FILE ANY COMMENT.
WHERE TO FILE COMMENTS AND OBTAIN ADDITIONAL INFORMATION:**

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

Time Limits and methods for filing comments. The law requires these materials to be served on or before the date the operator files his Application. You have **FIVE (5) DAYS** after the filing date to file your comments. Comments must be filed in person or received in the mail by the Chief's office by the time stated above. You may call the Chief's office to be sure of the date. Check with your postmaster to ensure adequate delivery time or to arrange special expedited handling. If you have been contacted by the well operator and you have signed a "voluntary statement of no objection" to the planned work described in these materials, then the permit may be issued at any time.

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

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

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

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

VOLUNTARY STATEMENT OF NO OBJECTION

I hereby state that I have read the instructions to surface owners and that I have received copies of a Notice and Application For A Permit To Plug And Abandon on Forms WW-4A and WW-4B, and a survey plat.

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

FOR EXECUTION BY A NATURAL PERSON
ETC.

FOR EXECUTION BY A CORPORATION,
Office of Oil and Gas

_____	_____	_____	_____
Signature	Date	Name	_____
		By	_____
		Its	_____
		Signature	_____
		Date	_____

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MAY 20 2024
WV Department of
Environmental Protection

07/05/2024

4710902569P

Diversified Gas & Oil Corporation
Permitting Department
414 SUMMERS STREET
2ND FLOOR
CHARLESTON WV 25301

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9407 1362 0855 1835 3313 12

WEST VIRGINIA MID VOL INC
836 EUCLID AVE
LEXINGTON KY 40502-1783



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MAY 20 2024
WV Department of
Environmental Protection

07/05/2024

WW-4B

API No. 4710902569
Farm Name Johnson James D/B
Well No. WPHC 212A

**INSTRUCTIONS TO COAL OPERATORS
OWNERS AND LESSEE**

The well operator named on the obverse side of WW-4 (B) is about to abandon the well described in the enclosed materials and will commence the work of plugging and abandoning said well on the date the inspector is notified. Which date shall not be less than five days after the day on which this notice and application so mailed is received, or in due course should be received by the Department of Environmental Protection Office of Oil & Gas.

This notice and application is given to you in order that your respective representatives may be present at the plugging and filling of said well. You are further notified that whether you are represented or not the operator will proceed to plug and fill said well in the manner required by Section 24, Article 6, Chapter 22 of the Code and given in detail on obverse side of this application.

NOTE: If you wish this well to be plugged according to 22-6-24(d) then as per Regulation 35CSR4-13.9 you must complete and return to this office on form OB-16 "Request by Coal Operator, Owner, or Lessee for plugging" prior to the issuance of this plugging permit.

WAIVER

The undersigned coal operator / owner / lessee / of the coal under this well location has examined this proposed plugging work order. The undersigned has no objection to the work proposed to be done at this location, provided, the well operator has complied with all applicable requirements of the West Virginia Code and the governing regulations.

Date: _____

By: _____
Its _____

RECEIVED
Office of Oil and Gas
MAY 20 2024
WV Department of
Environmental Protection

07/05/2024



DIVERSIFIED
energy

4710902569P

Date: 4/18/2024

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

Mr. Martin,

Due to our cement provider, LaFarge Holcem, discontinuing the manufacturing of Class A cement, DGOC will be utilizing Class L cement to plug the following well:

API Number 4710902569 Well Name WPHC 212A

Attached is the approved variance order for use of Class L cement.

Sincerely,

Chris Veazey
Permitting Supervisor
304-590-7707

RECEIVED
Office of Oil and Gas
MAY 20 2024
WV Department of
Environmental Protection

414 Summers Street • Charleston, WV 25301 • 304.353.5012

07/05/2024



west virginia department of environmental protection

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) ORDER NO. 2022-13
SECTION 14.1. AND LEGISLATIVE RULE)
35CSR8 SECTION 20.1,)
RELATING TO THE CEMENTING)
OF OIL AND GAS WELLS)**

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 plugging.

FINDINGS OF FACT

1. On July 28, 2022, Diversified Gas & Oil Co. (DGO) submitted a variance request from Legislative Rule 35CSR4 for the use of API Class L cement in place of API Class A cement, relating to the plugging of conventional wells.
2. Laboratory analysis submitted by DGO on July 28, 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 35CSR8 Section 20.1., for the use of API Class L cement in place of API Class A cement, relating to the plugging of horizontal wells.

Promoting a healthy environment.

07/05/2024

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

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 plugging 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

WW-9
(5/16)

4710902569P

API Number 47 - 109 - 02569
Operator's Well No. WPHC 212A

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS
FLUIDS/ CUTTINGS DISPOSAL & RECLAMATION PLAN

Operator Name: Diversified Production, LLC OP Code 494524121

Watershed (HUC 10) White Oak Fork of Rockcastle Creek Quadrangle Matheny 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: Production fluid and cement returns.

Will a synthetic liner be used in the pit? Yes No If so, what ml.? 20

Proposed Disposal Method For Treated Pit Wastes:

- Land Application (if selected provide a completed form WW-9-GPP)
- * Underground Injection (UIC Permit Number 2D03902327 002)
- Reuse (at API Number _____)
- Off Site Disposal (Supply form WW-9 for disposal location)
- Other (Explain _____)

Will closed loop system be used? If so, describe: N/A

Drilling medium anticipated for this well (vertical and horizontal)? Air, freshwater, oil based, etc. N/A

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

Additives to be used in drilling medium? N/A

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

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

-Landfill or offsite name/permit number? N/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 April 1, 2016, 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) Chris Veazey

Company Official Title Permitting Supervisor



Subscribed and sworn before me this 18th day of April, 2024

[Signature] Notary Public

My commission expires September 28, 2028

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Office of Oil and Gas
MAY 20 2024

WV Department of
Environmental Protection
07/05/2024

4710902569P

Form WW-9

Operator's Well No. WPHC 212A

Proposed Revegetation Treatment: Acres Disturbed +/- 1 ac. Prevegetation pH _____

Lime 3 Tons/acre or to correct to pH 6.5

Fertilizer type 10-20-20 or Equivalent

Fertilizer amount 500 lbs/acre

Mulch 2 Tons/acre

Seed Mixtures

Temporary		Permanent	
Seed Type	lbs/acre	Seed Type	lbs/acre
Red Fescue	40	Red Fescue	15
Alsike	5	Alsike 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, provide water volume, include dimensions (L, W, D) of the pit, and dimensions (L, W), and area in acres, of the land application area.

Photocopied section of involved 7.5' topographic sheet.

Plan Approved by: [Signature]

Comments: Operator to cover with cement all oil and gas fractures including Setts, elevation, leaks and freshwater

Title: Inspector

Date: 5-6-24

Field Reviewed? Yes No

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Office of Oil and Gas
MAY 20 2024
WV Department of
Environmental Protection

07/05/2024

4710902569



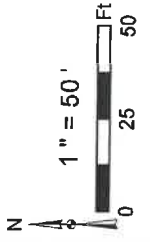
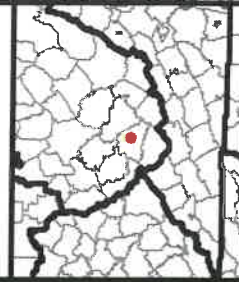
Diversified Gas & Oil Corporation
100 Diversified Way
Pikeville KY, 41051

47-109-02569

Well Plugging Map

Legend

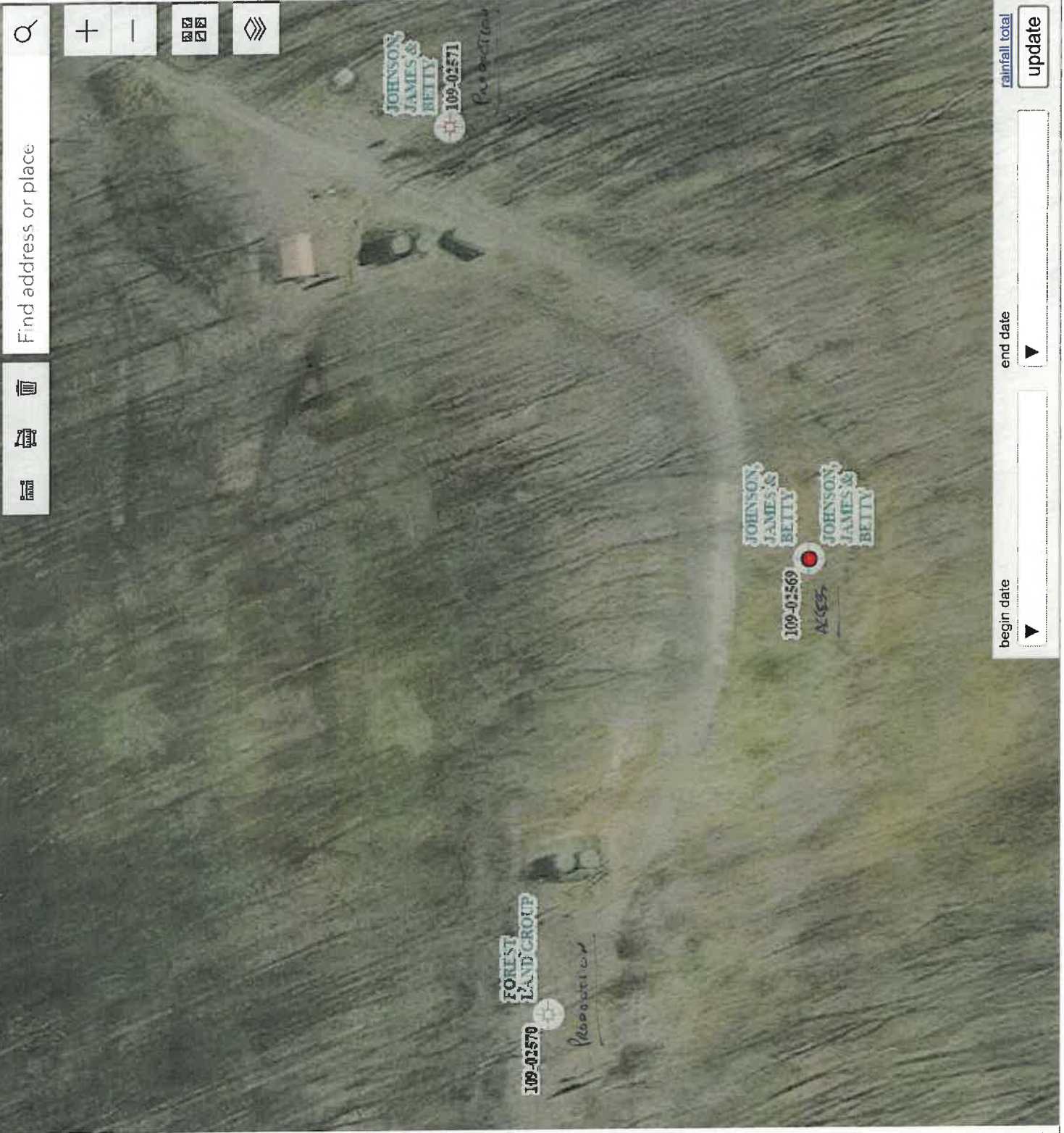
- Well
- Access Road
- ▨ Pits
- Pad
- Public Roads



Well No.: 47-109-02569
 UTM83-17, Meters
 North: 4166910.41
 East: 455385.95
 Elev.: 667.25 M
 Elev.: 2188.57 Ft

Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

07/05/2024



Oil&Gas

Wells, Horizontal Only

WellStatus

- ☀ Active Well
- ☀ Permit Issued
- ☀ Permit Application
- ☀ Plugged

Wells, Active Status Only

WellUse

- △ Brine Disposal
- ⚡ Fluid Injection
- ⚙ Gas Production
- 🏠 House Gas
- 🔍 Observation
- 🔥 Oil Production
- ⚙ Production
- ▲ Solution Mining
- ◆ Storage
- Vent
- <all other values>






Wells, Other than Active Status

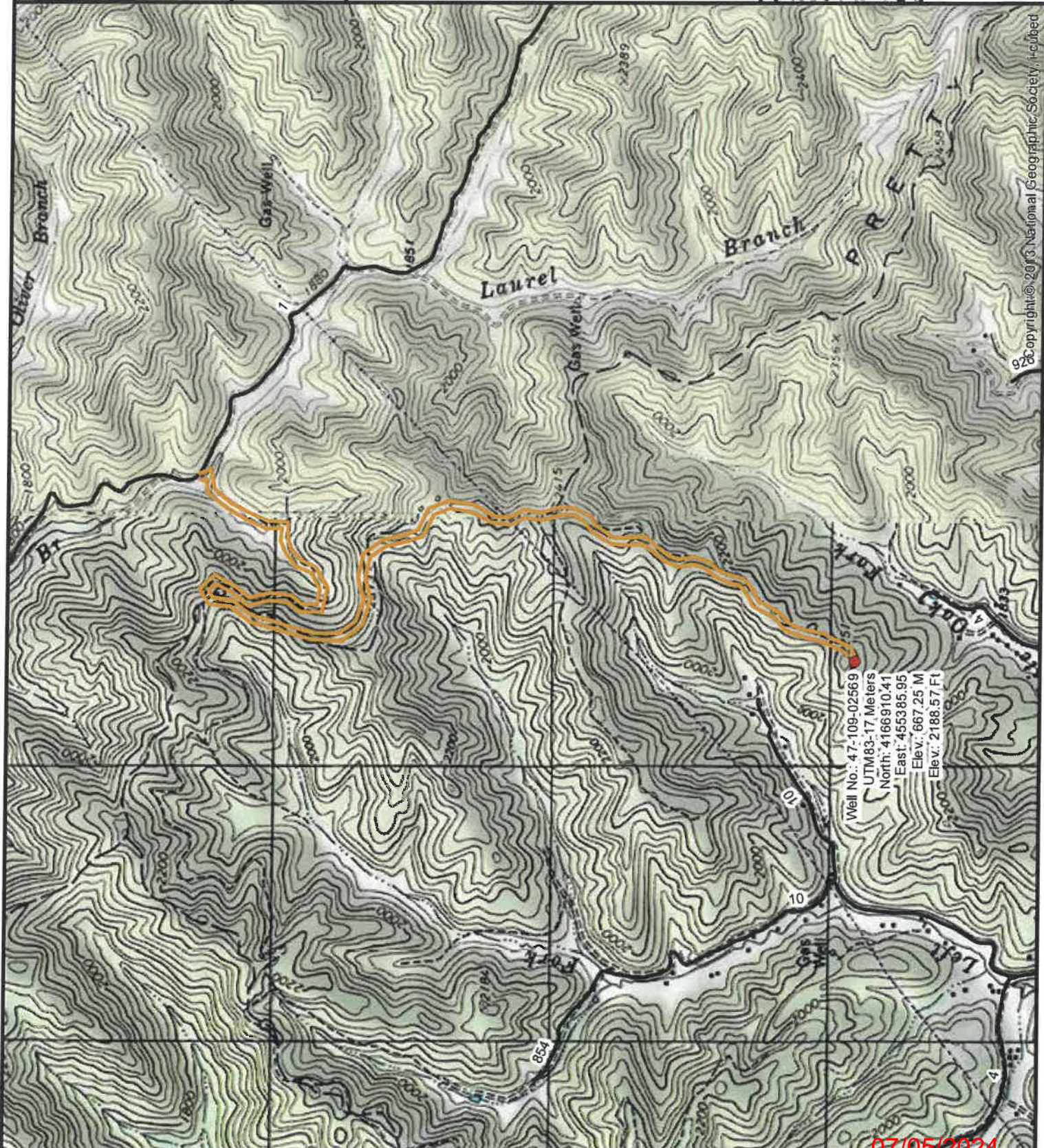
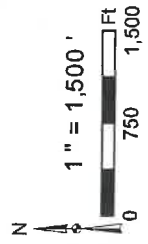
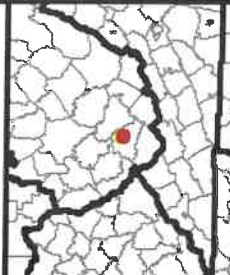


Diversified Gas & Oil Corporation
100 Diversified Way
Pikeville KY, 41051

47-109-02569
Well Plugging Map

Legend

-  Well
-  Access Road
-  Pits
-  Pad
-  Public Roads



Well No.: 47-109-02569
 UTM83: 17 Meters
 North: 4166910.41
 East: 455385.95
 Elev.: 667.25 M
 Elev.: 2188.57 Ft

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4710902569P

WW-7
8-30-06



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

API: 4710902569 WELL NO.: WPHC 212A

FARM NAME: Johnson James D/B

RESPONSIBLE PARTY NAME: Diversified Production, LLC

COUNTY: WYOMING DISTRICT: Center

QUADRANGLE: Matheny 7.5'

SURFACE OWNER: James & Betty Johnson

ROYALTY OWNER: Penn Virginia Oil & Gas Corp.

UTM GPS NORTHING: 4166910.41

UTM GPS EASTING: 455385.95 GPS ELEVATION: 2188.57'

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

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

Survey grade GPS ____ : Post Processed Differential ____

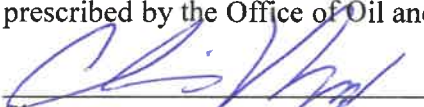
Real-Time Differential ____

Mapping Grade GPS X : Post Processed Differential X

Real-Time Differential ____

4. Letter size copy of the topography map showing the well location.

I the undersigned, hereby certify this data is correct to the best of my knowledge and belief and shows all the information required by law and the regulations issued and prescribed by the Office of Oil and Gas.


Signature

Chris Veazey - Director of Administration

Title

4/18/24
Date

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Office of Oil and Gas
MAY 20 2024
WV Department of
Environmental Protection

07/05/2024

4710902570

DATE: 09/09/2008
API#: 4710902570C

WR-35
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Office of Oil & Gas

Production Well

AS ✓

SEP 11 2008
WV Department of
Environmental Protection

State of West Virginia
Division of Environmental Production
Section of Oil and Gas
Well Operator's Report of Well Work

Farm Name Georgia Pacific Corporation Operator Well No.: WPHC-212B
LOCATION Elevation: 2211.08 Quadrangle: Matheny 7 1/2'

District: Cebter County: Wyoming
Latitude: 6620 Feet South of 37 Deg. 40 Min. 00 Sec.
Longitude: 1970 Feet West of 81 Deg. 30 Min. 00 Sec.

Company:

Penn Virginia Oil & Gas Corporation	Casing and Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
Address: 2550 East Stone Drive, Suite 110	13 3/8"	41'	41'	11.8 Cu Ft.
Kingsport, TN 37660	9 5/8"	264'	264'	236 Cu Ft.
Agent: Bryant Bowman	7"	796'	796'	212.4 Cu Ft.
Inspector: Barry Stollings				
Date Permit Issued: 04/06/2006				
Date Well Work Commenced: <u>09/14/2006</u>				
Date Well Work Completed: 10/12/2006				
Verbal Plugging:				
Date Permission granted on:				
Rotary X Cable Rig				
Total Depth (feet): <u>1,230</u>				
Fresh Water Depth (ft): None Reported				
Salt Water Depth (ft): None Reported				
Is coal being mined in area (N/Y)? <u>N</u>				
Coal Depths (ft): <u>828', 1151'</u>				

OPEN FLOW DATA

Producing formation Lower Beckley and Pocahontas #3 Pay zone depth (ft) 828-831, 1151-1153

Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/d
 Final open flow _____ MCF/d Final open flow _____ Bbl/d
 Time of open flow between initial and final tests: _____ Hours
 Static rock pressure _____ psig (surface pressure) after _____ Hours

Second producing formation _____ Pay zone depth (ft) _____

Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/d
 Final open flow _____ MCF/d Final open flow _____ Bbl/d
 Time of open flow between initial and final tests: _____ Hours
 Static rock pressure _____ psig (surface pressure) after _____ Hours

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

Signed: *Martha E. Hudson*
By: *EVELYN HUDSON*
Date: *9/10/08*

07/05/2024

DETAILS OF PERFORATIONS, FRACTURING, OR PHYSICAL CHANGE, ETC.

<u>FORMATIONS</u>	<u>TOP</u>	<u>BOTTOM</u>	<u>REMARKS</u>
Sand, Shale, & Coal	0000	0664	
Sand	0664	0750	
Shale	0750	0764	
Sand	0764	0826	
Sandy Shale	0826	0828	
Coal	0828	0831	Lower Beckley Horizontal Target
Shale	0831	0873	
Sand	0873	0885	
Sandy Shale	0885	0893	
Sand	0893	1073	
Shale	1073	1087	
Sand	1087	1149	
Shale	1149	1151	
Coal	1151	1153	Poca 3 Horizontal Target
Sandy Shale	1153	1161	
Sand	1161	1200	
Shale	1200	1203	
Sandy Shale	1203	1223	
Sand	1203	1208	
Sand	1223	1230	TD Vertical Well

4710902571

DATE: 09/09/2008

API#: 4710902571

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Office of Oil & Gas

SEP 11 2008

Production Well

State of West Virginia
Division of Environmental Production
Section of Oil and Gas

Well Operator's Report of Well Work

WV Department of
Environmental Protection

Farm Name Georgia Pacific Corporation

Operator Well No.: WPHC-212C

LOCATION Elevation: 2174.33

Quadrangle: Matheny 7 1/2'

District: Central County: Wyoming
Latitude: 6560 Feet South of 37 Deg. 40 Min. 00 Sec.
Longitude: 1500 Feet West of 81 Deg. 30 Min. 00 Sec.

Company:

Penn Virginia Oil & Gas Corporation

	Casing and Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
Address: 2550 East Stone Drive, Suite 110	13 3/8"	42'	42'	23.6 Cu Ft.
Kingsport, TN 37660	9 5/8"	220'	220'	118 Cu Ft.
Agent: Bryant Bowman	7"	795'	795'	212.4 Cu Ft.
Inspector: Barry Stollings				
Date Permit Issued: 04/07/2006				
Date Well Work Commenced: <u>07/21/2006</u>				
Date Well Work Completed: 04/25/2007				
Verbal Plugging:				
Date Permission granted on:				
Rotary X Cable Rig				
Total Depth (feet): <u>1,181</u>				
Fresh Water Depth (ft): None Reported				
Salt Water Depth (ft): None Reported				
Is coal being mined in area (N/Y)? <u>N</u>				
Coal Depths (ft): <u>220', 805', 1034'</u>				

OPEN FLOW DATA

Producing formation Lower Beckley and Pocahontas #3 Pay zone depth (ft) 905-810, 1134-1138

Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/d

Final open flow _____ MCF/d Final open flow _____ Bbl/d

Time of open flow between initial and final tests: _____ Hours

Static rock pressure _____ psig (surface pressure) after _____ Hours

Second producing formation _____ Pay zone depth (ft) _____

Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/d

Final open flow _____ MCF/d Final open flow _____ Bbl/d

Time of open flow between initial and final tests: _____ Hours

Static rock pressure _____ psig (surface pressure) after _____ Hours

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

Signed:

Martha E. Hudson
By: EVELYN HUDSON
Date: 9/10/08

07/05/2024

DETAILS OF PERFORATIONS, FRACTURING, OR PHYSICAL CHANGE, ETC.

<u>FORMATIONS</u>	<u>TOP</u>	<u>BCITOM</u>	<u>REMARKS</u>
Sand	0000	0220	
Coal	0220	0229	
Sand	0229	0301	
Shale	0301	0306	
Sand	0306	0419	
Sandy Shale	0419	0439	
Sand	0439	0579	
Sandy Shale	0579	0588	
Sand	0588	0626	
Sandy Shale	0626	0635	
Sand	0635	0730	
Sandy Shale	0730	0742	
Sand	0742	0805	
Coal	0805	0810	Lower Beckley Horizontal Target
Shale	0810	0851	
Sandy Shale	0851	0914	
Sand	0914	1054	
Shale	1054	1068	
Sand	1068	1134	
Coal	1134	1138	Poca 3 Horizontal Target
Shale	1138	1143	
Sand	1143	1181	TD Slant Producing C Well