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west virginia department of environmental protection

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

Harold D. Ward, Cabinet Secretary  
[www.dep.wv.gov](http://www.dep.wv.gov)

Tuesday, August 23, 2022  
WELL WORK PERMIT  
Vertical / Plugging

UNKNOWN - DEP PAID PLUGGING CONTRACT  
601 57TH STREET

CHARLESTON, WV 25304

Re: Permit approval for POWDER MILL # 1  
47-099-02275-00-00

This well work permit is evidence of permission granted to perform the specified well work at the location described on the attached pages and located on the attached plat, subject to the provisions of Chapter 22 of the West Virginia Code of 1931, as amended, and all rules and regulations promulgated thereunder, and to any additional specific conditions and provisions outlined in the pages attached hereto. Notification shall be given by the operator to the Oil and Gas Inspector at least 24 hours prior to the construction of roads, locations, and/or pits for any permitted work. In addition, the well operator shall notify the same inspector 24 hours before any actual well work is commenced and prior to running and cementing casing. Spills or emergency discharges must be promptly reported by the operator to 1-800-642-3074 and to the Oil and Gas Inspector.

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

Per 35 CSR 4-5.2.g this permit will expire in two (2) years from the issue date unless permitted well work is commenced. If there are any questions, please feel free to contact me at (304) 926- 0450.

James A. Martin  
Chief

Operator's Well Number: POWDER MILL # 1  
Farm Name: VINSON, JUANITA & ALEX  
U.S. WELL NUMBER: 47-099-02275-00-00  
Vertical Plugging  
Date Issued: 8/23/2022

## 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.

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### CONDITIONS

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

4709902275 P  
1) Date 7/12, 2022  
2) Operator's Well No. \_\_\_\_\_ Powder Mill # 1  
3) API Well No. 47-099-02275

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

APPLICATION FOR A PERMIT TO PLUG AND ABANDON

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

5) Location: Elevation 570' Watershed Powder Mill creek, Tug Fork River  
District Lincoln County Wayne Quadrangle Louisa

6) Well Operator Unknown - WV DEP PAID PLUGGING CONTRACT 7) Designated Agent Jason Harmon  
Address 601 57th Street S.E. Address 601 57th Street S.E.  
Charleston, WV 25304 Charleston, WV 25304

8) Oil and Gas Inspector to be notified 9) Plugging Contractor  
Name Allen D Flowers Name Unknown at this time  
Address 165 Grassy Lick Road Address \_\_\_\_\_  
Liberty, WV 25124

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

See plugging work order on next page.....

. THIS WELL MAY HAVE BEEA @ ≈ 1631' AND INJUN @ ≈ 1133.  
• MAKE SURE TO COVER BOTH ZONES.

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

Work order approved by inspector Allen D Flowers Date 7/12/2022

08/26/2022

WELL API # 47 - 099 - 02275

POWDER MILL # 1

## PLUGGING WORK ORDER

The work order for the manner of plugging this well is as follows:

1. Notify inspector specialist, Allen Flowers @ (304) 552-8308. Email address is [Allen.D.Flowers@wv.gov](mailto:Allen.D.Flowers@wv.gov) , Notification is required 24 hrs prior to commencing plugging operations.
2. Move in and rig up to existing 7 inch casing.
3. TIH check TD @ or below 1710', if estimated TD cannot be reached Begin cleaning out uncased hole to approved Depth/TD by inspector specialist.
4. Once TD has been reached and approved by inspector specialist a bond Log will be run inside any casing found to determine casing depth, cement Bonding location, free point and casing cuts.
5. TIH to estimated TD @ 1710' or inspector approved depth with tubing and spot gel followed by cement plug from 1690' to 1490' TOH. WOC, tag top of plug. Add cement if needed.
6. TIH spot 6% Gel from 1490 to 1200'. Pull all free 4 inch casing. Cut pipe if required. If 4 inch cannot be retrieved from hole, perforate pipe at 603', 560'.
7. TIH with tubing and set cement plug from 1200' to 900' TOH. WOC, tag top of plug. Add cement if needed.
8. TIH spot 6% Gel from 900' to 650' followed by cement plug from 650' to 500' TOH. WOC, tag top of plug. Add cement if needed.
9. TIH attempt to pull all free 7 inch casing. If 7 inch casing cannot be retrieved, perforate casing at 200' and 100'.
10. TIH with tubing and spot 6% gel from 500' to 250' followed by cement plug from 250' to surface.
11. Set monument and reclaim site.
12. NOTE.. Any casing found in the well with out cement in the annulus that can not be retrieved must be perforated and cemented at all saltwater, freshwater, coal, oil, gas, casing shoe and elevation points.
11. Tag all cement plugs. Pull all free pipe, perforate/shot pipe where required.
12. Reference well used for plugging procedure ( 47-099-01510 )

DATE 2/7/2022 Allen D Flowers

08/26/2022



4709902275f

## POWDER MILL #1 WELL PLUGGING PROJECT

API # 47-099-02275

### SITE CONDITIONS

#### Well detail:

The Office of Oil and Gas has no record for this well ( 099-02275 ). The reference well used for the plugging procedure and down hole conditions is ( 47-099-01510 ). The record shows well TD at 1718' with 8 1/4" casing from surface to 301' and 6 5/8" casing from surface to 992'. The remainder of the hole is uncased. The cement locations is unknown. The record shows salt water at 560', fresh water at 40', coal at 120' and elevation at 603'. The well is currently open at the surface and is flowing salt water into Powder Mill creek.

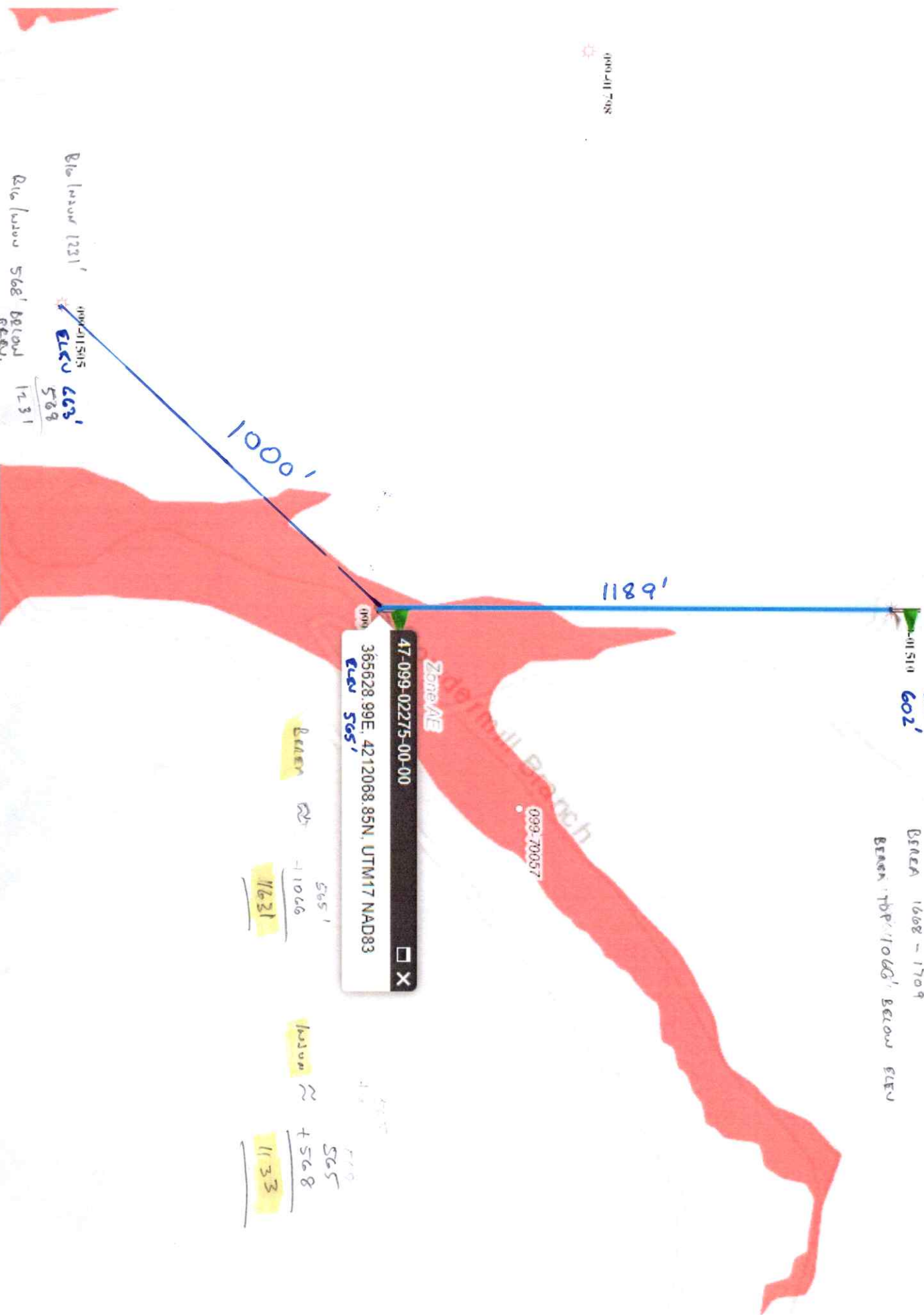
#### Site based conditions:

To access the well site a bridge will need to be constructed across Powder Mill creek using timber tie mats. The width of Powder Mill creek is 12'. A service road will need to be constructed from the well site to the coal company service road. The well is located on the bank of Powder Mill creek. The Office of Oil and Gas will contact Miss Utility to locate all sub surface utilities. All trees and brush cut during the construction of the well site and service road must be hauled to off site disposal.

08/26/2022

Measurement Result

1,189.6 Feet



09-10



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

Permit No. WAY- 1505 **WELL RECORD** Oil or Gas Well GAS  
(KIND)

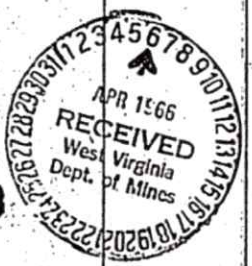
Company R. Wayne Christenson  
Address 1161 N. Ballenger Hwy.  
Flint Michigan  
Farm Vinson Acres 60  
Location (waters) Tug River  
Well No. 1 Elev 662.5  
District Lincoln County Wayne  
The surface of tract is owned in fee by Vinson Hairs  
Address Louisa, Ky.  
Mineral rights are owned by SAME  
Address \_\_\_\_\_  
Drilling commenced Feb. 9, 1966  
Drilling completed Mar. 5, 1966  
Date Shot \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_  
With \_\_\_\_\_  
Open Flow 60 /10ths Water in \_\_\_\_\_ Inch  
60 /10ths Merc. in \_\_\_\_\_ 2 Inch  
Volume 560,000 1,200,000 Cu. Ft.  
Rock Pressure 520 lbs. 24 hrs.  
Oil \_\_\_\_\_ bbls., 1st 24 hrs.  
Fresh water 160 feet \_\_\_\_\_ feet  
Salt water 572 feet \_\_\_\_\_ feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13			
10		308	Size of
8 1/2	1051		Depth set
6 1/2		1355	Perf. top <u>1201</u>
4 1/2			Perf. bottom <u>1204</u>
2			Perf. top _____
			Perf. bottom _____

CASING CEMENTED 1/2" SIZE 300 No. Ft. 3/8/66  
COAL WAS ENCOUNTERED AT \_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES \_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES \_\_\_\_\_ FEET \_\_\_\_\_ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Surface	Yellow	soft	1	10			
sand	white	soft	10	35			
slate	blue	soft	35	75			
sand	white	soft	75	103			
slate	blue	soft	103	211			
sand	white	soft	211	244			
slate	blue	soft	244	400			
sand	white	soft	400	444			
slate	blue	soft	444	526			
sand	white	soft	526	850			
lime	blue	hard	850	906			
slate	blue	soft	906	937			
sand	white	hard	937	966			
slate	blue	soft	966	970			
sand	white	hard	970	1025			
slate	blue	soft	1025	1027			
lime	blue	hard	1027	1180			
slate	blue	soft	1180	1198			
sand	white	soft	1198	1231			
slate	blue	soft	1231	1273			

1198  
536  
572



(Over)



PARTICIPANTS: DATE: 1-17-80 BUYER-SELLER CODE  
 WELL OPERATOR: O & D Gas Company N/A  
 FIRST PURCHASER: Columbia Gas Trans. Corp. 004030  
 OTHER:

W. Va. Department of Mines, Oil & Gas Division  
 WELL DETERMINATION FILE NUMBER  
 79D-430-108-099-1505  
 Use Above File Number on all Communications  
 Relating to Determination of this Well

See letter regarding production history, also note 79-80 production attached 8-12-80  
 J. Wolfinger J. H. Huggins

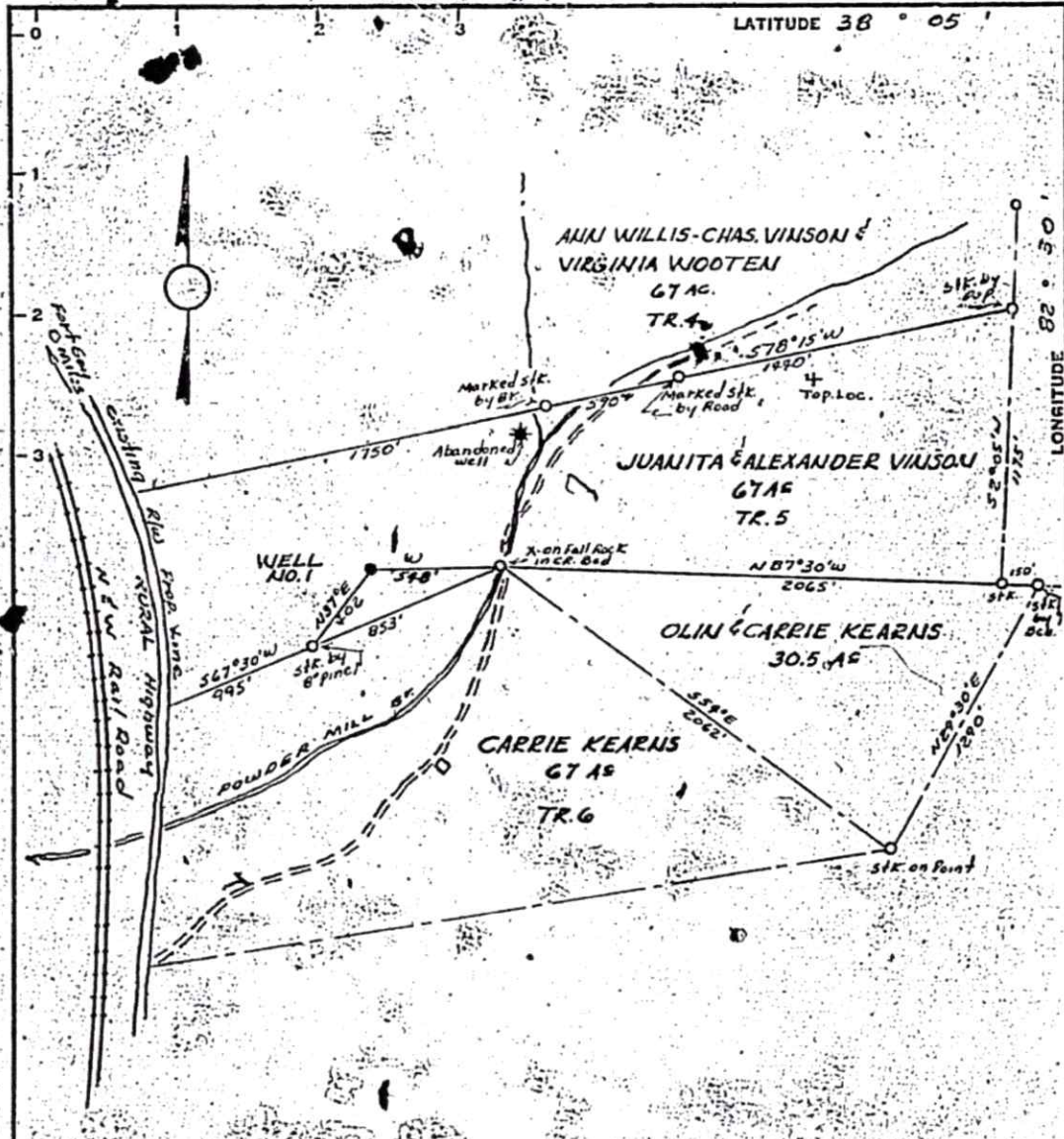
CHECK EACH AS COMPLETE OR NOTE WHAT IS MISSING

- ITEM NO.
- 1 FERC-121  It is not completed - Line No. \_\_\_\_\_
  - 2 IV-1 - Agent Jack C. Dyer, Sr.
  - 3 IV-2 - Well Permit \_\_\_\_\_
  - 4 IV-6 - Well Plat
  - 5 IV-35 - Well Record  Drilling  Deepening \_\_\_\_\_
  - 6 IV-35 - Gas-Oil Test: Gas Only  Was Oil Produced? \_\_\_\_\_ Ratio \_\_\_\_\_
  - 7 IV-35 - Annual Production 14 months
  - 8 IV-40 - 90 day Production 92 Days/off line: \_\_\_\_\_
  - 9 IV-48 - Application for Certification. Complete?
  - 10 - 17 IV Form #51 - 52 - 53 - 54 - 55 - 56 - 57 - 58. Compl. Affidavit Signed
  - 18 - 28 Other: Survey  Logs  Geological Charts  Structure Map   
 1:4000 Map  Well Illustrations  Gas Analyses
  - (5) Date Commenced: 2-9-66  
 Date Completed: 3-5-66 Deepened \_\_\_\_\_
  - (5) Production Depth: 1198-1231
  - (5) Production Formation: Sand
  - (5) Final OPEN Prod 1,200 MCF
  - (5) Rock Pressure: 520 - 24 hrs
  - (6) Other Gas Test: \_\_\_\_\_
  - (7) Avg. Daily Gas from Annual Production: May 79 to April 80 14128 368 38.6 M 1974 272 308 7.5 M
  - (8) Avg. Daily Gas from 90-day prod. w/1-120 days: 294 MCF No Oil
  - (8) Line Pressure: N/A PSIG from Daily Report: \_\_\_\_\_
  - (5) Oil Production: NO From Completion Report: \_\_\_\_\_
  - (10-17) Does lease inventory indicate enhanced recovery being done: NO
  - (10-17) Is affidavit signed:  Retained?
  - Does official well record with the Department confirm the submitted information? Yes
  - Additional Information: \_\_\_\_\_ Computer program confirm? \_\_\_\_\_
  - Was Determination Objected to: \_\_\_\_\_

SML



47-099-01505 OFFICE 4709902275



Minimum Error of Closure 1:200  
 Source of Elevation U.S. GOV. B.M. NO. W-85 - Elev. 592.765  
 Located 900'± south of Powder Mill Br.

- Fracture
- New Location
- Drill Deeper
- Abandonment

I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all the information required by paragraph 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia.

Signed: R.C. Hampton  
 Map No. \_\_\_\_\_ Squares: N S E W

Company R. WAYNE CHRISTENSON  
 Address 1161 NORTH BALLANGER Hwy, FLINT, MICH  
 Farm JUANITA & ALEXANDER VINSON  
 Tract 5 Acres 67 Lease No. \_\_\_\_\_  
 Well (Farm) No. 1 Serial No. \_\_\_\_\_  
 Elevation (Spirit Level) 662.50  
 Quadrangle LOUISA W.VA.  
 County WAYNE District LINCOLN  
 Engineer C.C. HAMPTON  
 Engineer's Registration No. KY 2275  
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_  
 Date DEC. 8, 1965 Scale 1"=600'

STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION  
 CHARLESTON

**WELL LOCATION MAP**  
 FILE NO. WAY-1505

+ Denotes location of well on United States Topographic Maps, scale 1 to 62,500, latitude and longitude lines being represented by border lines as shown.  
 - Denotes one inch spaces on border line of original tracing.



Select County: (099) Wayne

Enter Permit #: 01505

Get Data    Reset

Select datatypes:  (Check All)

Location     Production     Plugging

Owner/Completion     Stratigraphy     Sample

Pay/Show/Water     Logs     Btm Hole Loc

- Table Descriptions
- Country/Code Translations
- Permit-Numbering Series
- Usage Notes
- Contact Information
- Disclaimer
- MWGES Main
- "Pipeline-Plus" New

Well: County = 99 Permit = 01505

Report Time: Thursday, August 18, 2022 2:31:03 PM

08/26/2022

WV Geological & Economic Survey

Location Information: [View Map](#)

API 4709901505 COUNTY WAYNE PERMIT TAX DISTRICT QUAD 75 QUAD 15 LAT DD LON DD UTMN UTMN

4709901505 Wayne 1505 Lincoln Louisiana 38.0444408 -92.5338014 365413.5 4271852.5

There is no Bottom Hole Location data for this well

Owner Information:

API 4709901505 CMP\_DT\_SUFFIX STATUS SURFACE\_OWNER WELL\_NUM CO\_NUM LEASE LEASE\_NUM MINERAL\_OWN OPERATOR\_AT\_COMPLETION PROP\_YD PROP\_TRGT\_FM TFM\_EST\_PR

4709901505 3/5/1966 688 Ground Level Henry-Covea Ck Price Fm & equivs Price Fm & equivs Development Well Development Well Gas unknown Nat/Open H 1273 1273

Completion Information:

API 4709901505 CMP\_DT\_SUFFIX STATUS SURFACE\_OWNER WELL\_NUM CO\_NUM LEASE LEASE\_NUM MINERAL\_OWN OPERATOR\_AT\_COMPLETION PROP\_YD PROP\_TRGT\_FM TFM\_EST\_PR

4709901505 3/5/1966 688 Ground Level Henry-Covea Ck Price Fm & equivs Price Fm & equivs Development Well Development Well Gas unknown Nat/Open H 1273 1273

Pay/Show/Water Information:

API	CMP_DT	ACTIVITY	PRODUCT	SECTION	DEPTH	TOP	FM	TOP	DEPTH	TOP	FM	BOT	G_BEF	G_AFT	O_BEF	O_AFT	WATER_QNTY
4709901505	3/5/1966	Water	Fresh Water	Vertical					160				572				0
4709901505	3/5/1966	Pay	Salt Water	Vertical					1231	Big Injun (Price&eqn)			0				0

Production Gas Information: (Volumes in Mcf)

API	PRODUCING_OPERATOR	PRD_YEAR	ANN_GAS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DCM
4709901505	D & D Gas Co.	1991	3,412	258	309	285	217	272	399	257	240	300	277	258	0
4709901505	D & D Gas Co.	1992	1,224	57	57	157	157	157	155	155	142	142	142	142	0
4709901505	D & D Gas Co.	1993	1,428	139	146	150	150	150	150	150	150	150	150	150	0
4709901505	Ja Mar Land Co., Inc.	1994	1,907	150	150	150	150	150	150	150	150	150	150	150	0
4709901505	Ja Mar Land Co., Inc.	1995	1,805	150	150	150	150	150	150	150	150	150	150	150	0
4709901505	Ja Mar Land Co., Inc.	1996	1,805	150	150	150	150	150	150	150	150	150	150	150	0
4709901505	Elnhs Gas Co.	1998	1,880	138	138	138	138	138	138	142	142	142	142	142	0
4709901505	Elnhs Gas Co.	1999	1,406	150	100	105	100	100	100	140	140	140	140	140	0
4709901505	Elnhs Gas Co.	2000	3,096	258	258	258	258	258	258	258	258	258	258	258	0
4709901505	Elnhs Gas Co.	2001	1,428	119	119	119	119	119	119	119	119	119	119	119	0
4709901505	Elnhs Gas Co.	2002	1,537	165	125	139	51	64	118	112	114	127	174	171	0
4709901505	Elnhs Gas Co.	2003	1,571	125	127	166	155	141	170	125	164	182	109	50	0
4709901505	Elnhs Gas Co.	2004	833	99	63	83	84	89	84	80	88	93	87	9	0
4709901505	Elnhs Gas Co.	2005	337	99	63	65	54	56	0	0	0	0	0	0	0
4709901505	Elnhs Gas Co.	2006	573	0	0	54	45	53	70	67	48	68	72	63	33
4709901505	Elnhs Gas Co.	2010	672	0	0	177	0	0	176	0	0	176	0	0	147
4709901505	Elnhs Gas Co.	2011	642	0	0	169	0	0	144	0	0	166	0	0	163
4709901505	Elnhs Gas Co.	2012	690	0	0	182	0	0	170	0	0	180	0	0	161
4709901505	Elnhs Gas Co.	2013	675	0	0	157	0	0	170	0	0	180	0	0	168
4709901505	Elnhs Gas Co.	2014	511	0	0	137	0	0	113	0	0	115	0	0	156
4709901505	Elnhs Gas Co.	2016	403	0	0	108	0	0	123	0	0	132	0	0	125
4709901505	Elnhs Gas Co.	2017	487	0	0	118	0	0	111	0	0	124	0	0	109
4709901505	Elnhs Gas Co.	2018	423	0	0	73	0	0	96	0	0	124	0	0	64
4709901505	Elnhs Gas Co.	2019	362	0	0	73	0	0	100	0	0	172	0	0	44
4709901505	Elnhs Gas Co.	2020	286	0	0	78	0	0	75	0	0	72	0	0	41
4709901505	Elnhs Gas Co.	2021	186	0	0	32	0	0	25	0	0	46	0	0	61

Production Oil Information: (Volumes in Bbl) \*\* some operators may have reported NGL under Oil

API	PRODUCING_OPERATOR	PRD_YEAR	ANN_OIL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DCM
4709901505	Unknown	1991	0	0	0	0	0	0	0	0	0	0	0	0	0
4709901505	D & D Gas Co.	1992	0	0	0	0	0	0	0	0	0	0	0	0	0
4709901505	D & D Gas Co.	1993	0	0	0	0	0	0	0	0	0	0	0	0	0
4709901505	Ja Mar Land Co., Inc.	1994	0	0	0	0	0	0	0	0	0	0	0	0	0
4709901505	Ja Mar Land Co., Inc.	1995	0	0	0	0	0	0	0	0	0	0	0	0	0
4709901505	Ja Mar Land Co., Inc.	1996	0	0	0	0	0	0	0	0	0	0	0	0	0
4709901505	Elnhs Gas Co.	1998	0	0	0	0	0	0	0	0	0	0	0	0	0
4709901505	Elnhs Gas Co.	1999	0	0	0	0	0	0	0	0	0	0	0	0	0
4709901505	Elnhs Gas Co.	2001	0	0	0	0	0	0	0	0	0	0	0	0	0
4709901505	Elnhs Gas Co.	2002	0	0	0	0	0	0	0	0	0	0	0	0	0
4709901505	Elnhs Gas Co.	2004	0	0	0	0	0	0	0	0	0	0	0	0	0
4709901505	Elnhs Gas Co.	2007	0	0	0	0	0	0	0	0	0	0	0	0	0
4709901505	Elnhs Gas Co.	2008	0	0	0	0	0	0	0	0	0	0	0	0	0
4709901505	Elnhs Gas Co.	2009	0	0	0	0	0	0	0	0	0	0	0	0	0
4709901505	Elnhs Gas Co.	2010	0	0	0	0	0	0	0	0	0	0	0	0	0
4709901505	Elnhs Gas Co.	2011	0	0	0	0	0	0	0	0	0	0	0	0	0
4709901505	Elnhs Gas Co.	2012	0	0	0	0	0	0	0	0	0	0	0	0	0
4709901505	Elnhs Gas Co.	2013	0	0	0	0	0	0	0	0	0	0	0	0	0
4709901505	Elnhs Gas Co.	2014	0	0	0	0	0	0	0	0	0	0	0	0	0
4709901505	Elnhs Gas Co.	2016	0	0	0	0	0	0	0	0	0	0	0	0	0
4709901505	Elnhs Gas Co.	2017	0	0	0	0	0	0	0	0	0	0	0	0	0
4709901505	Elnhs Gas Co.	2018	0	0	0	0	0	0	0	0	0	0	0	0	0
4709901505	Elnhs Gas Co.	2019	0	0	0	0	0	0	0	0	0	0	0	0	0
4709901505	Elnhs Gas Co.	2020	0	0	0	0	0	0	0	0	0	0	0	0	0
4709901505	Elnhs Gas Co.	2021	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

API	PRODUCING_OPERATOR	PRD_YEAR	ANN_NGL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DCM
4709901505	Elnhs Gas Co.	2013	0	0	0	0	0	0	0	0	0	0	0	0	0

47-099-01505 OFFSET 4709902275P







47-099-01570

OFF-SET TO

4709902275 P

9902275P

Nancy Wickline

REFERENCE WELL

Farm OC-10

B-1



STATE OF WEST VIRGINIA DEPARTMENT OF MINES OIL AND GAS DIVISION

Miss Phillip  
over parting  
6-16-66  
68

Quadrangle

Permit No. WAX-1510

WELL RECORD

Oil or Gas Well Gas

Company R. Wayne Christenson  
 Address 1161 Ballanger Hwy.  
 Farm Flint, Mich. Acrea 67  
 Location (waters) McClothlin Farm Big Sandy River  
 Well No. 2A Elev. 603  
 District Lincoln County Way no  
 The surface of tract is owned in fee by \_\_\_\_\_  
 Mineral rights are owned by \_\_\_\_\_  
 Drilling commenced April 3, 1966  
 Drilling completed May 22, 1966  
 Date Shot 5-23-66 From 1663 To 1708  
 With Gelatin  
 Open Flow /10ths Water in \_\_\_\_\_ Inch  
 /10ths Merc. in \_\_\_\_\_ Inch  
 Volume 80,000 Ca. Ft.  
 Rock Pressure 400 lbs. 24 hrs.  
 Oil \_\_\_\_\_ bbls. 1st 24 hrs.  
 WELL ACIDIZED \_\_\_\_\_  
 WELL FRACTURED \_\_\_\_\_

Casing and Tubing	Used in Drilling	Left in Well	Packers
16			Kind of Packer _____
12			Size of _____
10			Depth set _____
8 1/2		301' 7"	
6 3/4		992' 1 1/2"	
5 3/16			
3			Perf. top _____
2			Perf. bottom _____
			Perf. top _____
			Perf. bottom <u>All</u>

CASING CEMENTED \_\_\_\_\_ SIZE \_\_\_\_\_ No. Ft. \_\_\_\_\_ Date \_\_\_\_\_

COAL WAS ENCOUNTERED AT \_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
 \_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES  
 \_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES

RESULT AFTER TREATMENT \_\_\_\_\_  
 ROCK PRESSURE AFTER TREATMENT \_\_\_\_\_  
 Fresh Water 40 Feet Salt Water 560 Feet

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Surface	yellow	soft	0	10			
slate	blue	soft	10	30			
coal	black	soft	30	32			
sand	white	soft	32	45			
slate	blue	soft	45	60			
sand	white	soft	60	103			
slate	blue	soft	103	350			
sand	white	soft	360	409			
slate	blue	soft	409	500			
sand	white	soft	500	872			
slate	blue	soft	872	959			
sand	white	soft	959	973			
big line	white	hard	973	1137			
Injun	gray	hard	1137	1153			
slate	blue	soft	1153	1663			
coffee shale	brown	soft	1663	1663	1668		
Berea Grit	gray	hard	1668	1709			
slate	blue	soft	<del>1668</del> 1709	1716	gas at 1683 " " 1691		

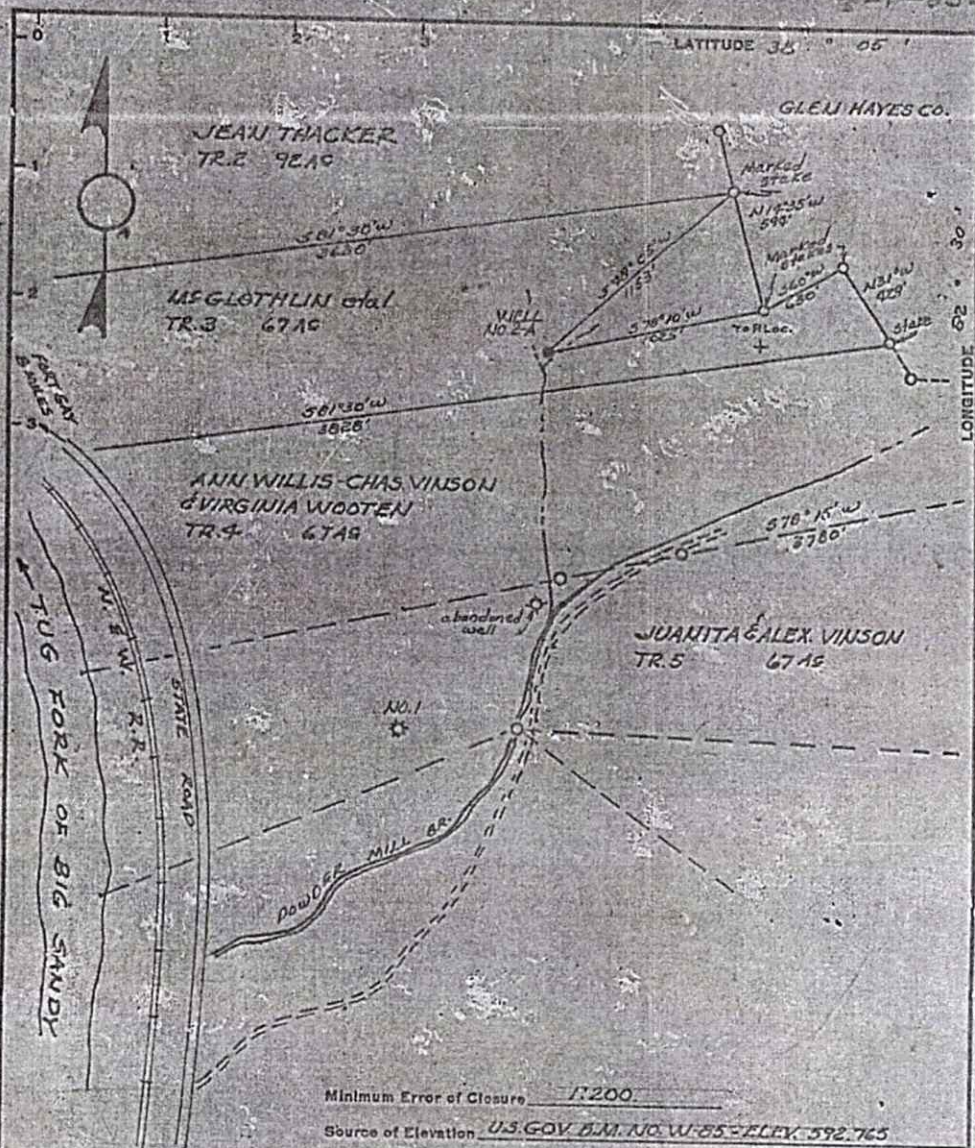
(over)



Nancy Wickline

REFERENCE WELL

41-56-105



Minimum Error of Closure 1/200

Source of Elevation U.S. GOV. D.M. NO. W-85-ELEV. 592.765

LOCATED 900' SOUTH OF POWDER MILL BRANCH

I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all the information required by paragraph 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia.

Signed: *C. C. Hampton*  
 Map No.      Squares:    N    S    W

- Fracture
- New Location
- Drill Deeper
- Abandonment

Company R. WAYNE CHRISTENSON  
 Address 701 N. BALL ANGER HWY, FLINT, MI  
 Farm MESGLOTHLIN et al  
 Tract 5 Acres 67 Lease No. \_\_\_\_\_  
 Well (Farm) No. 2-A Serial No. \_\_\_\_\_  
 Elevation (Spirit Level) 602.30  
 Quadrangle 2015A, 30, VA  
 County WAYNE District LINCOLN  
 Engineer C.C. HAMPTON  
 Engineer's Registration No. RX 2235  
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_  
 Date MARCH 16, 1966 Scale 1"=600'

STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION  
 CHARLESTON

**WELL LOCATION MAP**  
 FILE NO. WAY-1510

+ Denotes location of well on United States Topographic Maps, scale 1 to 62,500, latitude and longitude lines being represented by border lines as shown.  
 - Denotes one inch spaces on border line of original tracing.





Select County: (099) Wayne

Enter Permit #: 01510

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  
Lease Notes  
Contact Information  
Disclaimer  
MVGES Main  
Pipeline-Plug- New

Well: County = 99 Permit = 01510

Report Time: Thursday, August 18, 2022 2:02:25 PM

08/26/2022

Location Information: [View Map](#)  
 API 4709901510 COUNTY Wayne PERMIT 1510 TAX DISTRICT 1510 QUAD 75 QUAD 15 LAT DD 38.049629 LON DD -82.531359 UTIME 4212428.3

There is no Bottom Hole Location data for this well

Owner Information:  
 API 4709901510 CMP\_DT 5/22/1966 SUFFIX Original Loc Completed McJannolin et al  
 STATUS 2-A  
 SURFACE\_OWNER Well Development Wall Development Well Development Well Gas  
 WELL\_NUM 1691  
 CO\_LEASE LEASE MINERAL\_OWN OPERATOR AT\_COMPLETION PROP\_VD PROP\_TRGT\_FM TRM\_EST\_PR  
 2-A  
 CHRISTENSON, R. WAYNE

Completion Information:  
 API 4709901510 CMP\_DT 5/22/1966 SUFFIX Original Loc Completed McJannolin et al  
 STATUS 2-A  
 SURFACE\_OWNER Well Development Wall Development Well Development Well Gas  
 WELL\_NUM 1691  
 CO\_LEASE LEASE MINERAL\_OWN OPERATOR AT\_COMPLETION PROP\_VD PROP\_TRGT\_FM TRM\_EST\_PR  
 2-A  
 CHRISTENSON, R. WAYNE

Pay/Show/Water Information:

API	CMP_DT	SUFFIX	PRODUCT	SECTION	DEPTH_TOP	FM_TOP	DEPTH_BOT	FM_BOT	G_BEF	G_AFT	O_BEF	O_AFT	WATER	QNTY
4709901510	5/22/1966		Fresh Water	Vertical				540						0
4709901510	5/22/1966		Salt Water	Vertical				1691						0
4709901510	5/22/1966		Gas	Vertical				1691						0

Production Gas Information: (Volumes in Mcf)

API	PRODUCING_OPERATOR	PRD_YEAR	ANN_YEAR	ANN_GAS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DCM
4709901510	Unknown	1991	1991	4,020	309	360	360	332	313	305	460	313	292	347	332	297
4709901510	D & D Gas Co.	1992	1992	1,505	189	188	188	188	188	188	188	188	188	188	188	188
4709901510	D & D Gas Co.	1993	1993	1,205	122	175	131	87	51	132	133	131	129	114	0	0
4709901510	D & D Gas Co.	1994	1994	2,288	190	190	190	190	191	191	191	191	191	191	191	191
4709901510	Ja Mar Land Co., Inc.	1996	1996	1,858	150	150	150	150	150	150	150	150	150	150	150	150
4709901510	Ja Mar Land Co., Inc.	1998	1998	1,680	138	138	138	138	138	138	138	138	138	138	138	138
4709901510	Elians Gas Co.	2001	2001	3,086	258	258	258	258	258	258	258	258	258	258	258	258
4709901510	Elians Gas Co.	2002	2002	1,537	165	125	139	51	64	118	112	114	127	174	171	177
4709901510	Elians Gas Co.	2004	2004	1,571	125	127	168	155	141	170	125	164	182	109	50	57
4709901510	Elians Gas Co.	2006	2006	320	94	56	88	68	0	0	0	0	0	0	0	32
4709901510	Elians Gas Co.	2007	2007	833	90	66	83	84	69	84	80	88	93	87	9	0
4709901510	Elians Gas Co.	2008	2008	337	99	66	63	65	54	56	0	0	0	0	0	0
4709901510	Elians Gas Co.	2009	2009	573	0	0	54	45	53	70	67	48	68	72	63	33
4709901510	Elians Gas Co.	2010	2010	672	0	0	177	0	172	0	176	0	176	0	147	0
4709901510	Elians Gas Co.	2011	2011	642	0	0	169	0	144	0	166	0	166	0	163	0
4709901510	Elians Gas Co.	2012	2012	680	0	0	182	0	170	0	170	0	180	0	161	0
4709901510	Elians Gas Co.	2013	2013	675	0	0	157	0	170	0	180	0	168	0	168	0
4709901510	Elians Gas Co.	2014	2014	511	0	0	137	0	87	0	131	0	156	0	156	0
4709901510	Elians Gas Co.	2016	2016	403	0	0	108	0	123	0	115	0	125	0	125	0
4709901510	Elians Gas Co.	2017	2017	487	0	0	118	0	111	0	132	0	140	0	109	0
4709901510	Elians Gas Co.	2018	2018	423	0	0	78	0	100	0	124	0	124	0	64	44
4709901510	Elians Gas Co.	2019	2019	362	0	0	78	0	72	0	72	0	72	0	44	44
4709901510	Elians Gas Co.	2020	2020	266	0	0	32	0	25	0	0	0	46	0	0	61
4709901510	Elians Gas Co.	2021	2021	166	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

Producing Operator: (Volumes in Bbl) \*\* some operators may have reported NGL under Oil

API	PRODUCING_OPERATOR	PRD_YEAR	ANN_YEAR	ANN_OIL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DCM
4709901510	Unknown	1991	1991	0	0	0	0	0	0	0	0	0	0	0	0	0
4709901510	D & D Gas Co.	1992	1992	0	0	0	0	0	0	0	0	0	0	0	0	0
4709901510	D & D Gas Co.	1993	1993	0	0	0	0	0	0	0	0	0	0	0	0	0
4709901510	D & D Gas Co.	1994	1994	0	0	0	0	0	0	0	0	0	0	0	0	0
4709901510	Ja Mar Land Co., Inc.	1996	1996	0	0	0	0	0	0	0	0	0	0	0	0	0
4709901510	Elians Gas Co.	1998	1998	0	0	0	0	0	0	0	0	0	0	0	0	0
4709901510	Elians Gas Co.	2001	2001	0	0	0	0	0	0	0	0	0	0	0	0	0
4709901510	Elians Gas Co.	2002	2002	0	0	0	0	0	0	0	0	0	0	0	0	0
4709901510	Elians Gas Co.	2003	2003	0	0	0	0	0	0	0	0	0	0	0	0	0
4709901510	Elians Gas Co.	2004	2004	0	0	0	0	0	0	0	0	0	0	0	0	0
4709901510	Elians Gas Co.	2006	2006	0	0	0	0	0	0	0	0	0	0	0	0	0
4709901510	Elians Gas Co.	2007	2007	0	0	0	0	0	0	0	0	0	0	0	0	0
4709901510	Elians Gas Co.	2008	2008	0	0	0	0	0	0	0	0	0	0	0	0	0
4709901510	Elians Gas Co.	2009	2009	0	0	0	0	0	0	0	0	0	0	0	0	0
4709901510	Elians Gas Co.	2010	2010	0	0	0	0	0	0	0	0	0	0	0	0	0
4709901510	Elians Gas Co.	2011	2011	0	0	0	0	0	0	0	0	0	0	0	0	0
4709901510	Elians Gas Co.	2012	2012	0	0	0	0	0	0	0	0	0	0	0	0	0
4709901510	Elians Gas Co.	2013	2013	0	0	0	0	0	0	0	0	0	0	0	0	0
4709901510	Elians Gas Co.	2014	2014	0	0	0	0	0	0	0	0	0	0	0	0	0
4709901510	Elians Gas Co.	2016	2016	0	0	0	0	0	0	0	0	0	0	0	0	0
4709901510	Elians Gas Co.	2017	2017	0	0	0	0	0	0	0	0	0	0	0	0	0
4709901510	Elians Gas Co.	2018	2018	0	0	0	0	0	0	0	0	0	0	0	0	0
4709901510	Elians Gas Co.	2019	2019	0	0	0	0	0	0	0	0	0	0	0	0	0
4709901510	Elians Gas Co.	2020	2020	0	0	0	0	0	0	0	0	0	0	0	0	0
4709901510	Elians Gas Co.	2021	2021	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

API	PRODUCING_OPERATOR	PRD_YEAR	ANN_YEAR	ANN_NGL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DCM
4709901510	Elians Gas Co.	2013	2013	0	0	0	0	0	0	0	0	0	0	0	0	0

47-099-01510 OFF-SRT TO 4709902275P



4709901510	Elahs Gas Co.	2014	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4709901510	Elahs Gas Co.	2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4709901510	Elahs Gas Co.	2018	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4709901510	Elahs Gas Co.	2019	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4709901510	Elahs Gas Co.	2020	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4709901510	Elahs Gas Co.	2021	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Production Water Information: (Volumes in Gallons)

API	PRODUCING OPERATOR	PRD_YEAR	ANN_WTR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DCM
4709901510	Elahs Gas Co.	2016	0	0	0	0	0	0	0	0	0	0	0	0	0
4709901510	Elahs Gas Co.	2018	0	0	0	0	0	0	0	0	0	0	0	0	0
4709901510	Elahs Gas Co.	2019	0	0	0	0	0	0	0	0	0	0	0	0	0
4709901510	Elahs Gas Co.	2020	0	0	0	0	0	0	0	0	0	0	0	0	0
4709901510	Elahs Gas Co.	2021	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
4709901510	Original Loc.	Greenhrier Group	Well Record		973	Reasonable	164	Reasonable		603	Ground Level
4709901510	Original Loc.	Base of Greenhrier	Well Record		1137	Reasonable	0	Reasonable		603	Ground Level
4709901510	Original Loc.	Price Fm & equivs	Well Record		1137	Reasonable	572	Reasonable		603	Ground Level
4709901510	Original Loc.	Sunbury Sh	Well Record		1663	Reasonable	5	Reasonable		603	Ground Level
4709901510	Original Loc.	Berea Ss	Well Record		1668	Reasonable	41	Reasonable		603	Ground Level
4709901510	Original Loc.	Berford	Well Record		1709	Reasonable	0	Reasonable		603	Ground Level

There is no Wireline (E-Log) data for this well

There is no Plugging data for this well

There is no Sample data for this well

e-5

PARTICIPANTS: \_\_\_\_\_ DATE: 1-17-80 \_\_\_\_\_  
 WELL OPERATOR: D & D Gas Company \_\_\_\_\_  
 FIRST PURCHASER: Columbia Gas TRANS. CORP. \_\_\_\_\_  
 OTHER: \_\_\_\_\_

W. Va. Department of Mines, Oil & Gas Division  
 WELL DETERMINATION FILE NUMBER  
790-430-108-099-1539  
 Use Above File Number on all Communications  
 Relating to Determination of this Well

*Defunct permit # 100*  
 See letter regarding production history attached to this filing and also 79-80 production attached.  
 Qualifies J. H. Huggins 8-12-80

CHECK EACH ITEM AS COMPLETE OR NOTE WHAT IS MISSING

- ITEM NO. \_\_\_\_\_
- 1 FERC-121  Items not completed - Line No. \_\_\_\_\_
  - 2 IV-1 - Agent Jack C. Oyer, SR.
  - 3 IV-2 - Well Permit
  - 4 IV-6 - Well Plat
  - 5 IV-35- Well Record  Drilling  Deepening \_\_\_\_\_
  - 6 IV-36- Gas-Oil Test: Gas Only  Was Oil Produced? \_\_\_\_\_ Ratio \_\_\_\_\_
  - 7 IV-39- Annual Production 1.4 months years
  - 8 IV-40- 90 day Production: 92 days off Line: \_\_\_\_\_
  - 9 IV-48- Application for Certification. Complete?
  - 10 - 17 IV Form #51 - 52 - 53 - 54 - 55 - 56 - 57 - 58. Complete  Affidavit Signed
  - 18 - 28 Other: Survey \_\_\_\_\_ Logs \_\_\_\_\_ Geological Charts \_\_\_\_\_ Structure Map \_\_\_\_\_  
 1:4000 Map \_\_\_\_\_ Well Tabulations \_\_\_\_\_ Gas Analyses \_\_\_\_\_  
 Date commenced: 12-27-66  
 Date Completed: 1-20-67 Deepened \_\_\_\_\_  
 (5) Production Depth: 1176-1210  
 (5) Production Formation: Togus  
 Final OPEN FLOW: 45 MCF  
 (5) After FRAC 550-48 hrs  
 State R.P. initially  
 (6) Other Gas Test: \_\_\_\_\_  
 (7) Avg. Daily Gas from Annual Production: 183 6.6 MCFD 277 7.5 MCFD  
2709 1474 prod.  
 (8) Avg. Daily Gas from 90-day end. 11-120 days 2709 29.4 MCFD  
 (8) Line Pressure: N/A PSIG from Daily Report \_\_\_\_\_  
 (5) Oil Production: NO From Completion Report \_\_\_\_\_  
 (10-17) Does lease inventory indicate enhanced recovery being done: NO  
 (10-17) Is affidavit signed?  Notarized?   
 Does official well record with the Department confirm the submitted information? YES  
 Additional Information \_\_\_\_\_ Does computer program confirm? \_\_\_\_\_  
 Was Determination Objected to? \_\_\_\_\_ By Whom? \_\_\_\_\_  
SML



4709902275

P



08/26/2022



4709902275P

**POWDERMILL #1 Well  
PLUGGING PROJECT  
API #47-099-02275**

**I. SPECIAL PROVISIONS**

**1.0 Location/Site Description**

Located at Powder mill Branch, Wayne County WV

The GPS location is as follows:

Coordinates, Decimal Degrees 38.046389 E; -82.531389 W

**Directions to site:**

**From the Charleston Area:**

**Take I-64 W continue 51 miles to exit 1 for US-52. Turn left on Rte. 52 S continue 1.9 miles. Turn right to stay on Rte. 52 S. Continue 450 Ft turn left to stay on Rte. 52 S. Continue 27 miles turn left on Powder mill Branch/Meadow Fork mining service road. Continue 0.8 mile and the well site will be on the left.**

**Approaching from the Huntington Area:**

**Take I-64 E to exit 1 US - Rte 52. Turn right on Rte. 52 S continue 1.9 miles. Turn right to stay on Rte. 52 S continue 450 Ft. Turn left on Rte. 52 S continue 27 miles turn left on Powder mill branch/Meadow Fork mining service road. Continue 0.8 mile and well site will be on the left.**

08/26/2022

4709002275 P

WW-4A  
Revised 6-07

1) Date: 7/12/2022  
2) Operator's Well Number  
Powder Mill # 1  
3) API Well No.: 47 - 099 - 02275

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

4) Surface Owner(s) to be served: (a) Name Paul & Emma Maynard, Address 77 Ever Green Drive, Louisa, KY 41230. (b) Name, Address. (c) Name, Address. 5) (a) Coal Operator Name, Address. (b) Coal Owner(s) with Declaration Name Paul & Emma Maynard, Address 77 Ever Green Drive, Louisa, KY 41230. (c) Coal Lessee with Declaration Name, Address. 6) Inspector Name Allen D Flowers, Address 165 Grassy Lick Road, Liberty, WV 25124, Telephone (304) 552-8308.

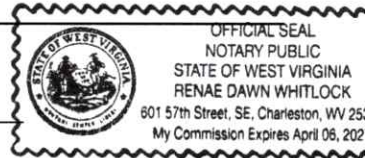
TO THE PERSONS NAMED ABOVE: You should have received this Form and the following documents:

- (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 UNKNOWN - WV DEP PAID PLUGGING CONTRACT  
By: Harry J. Hanna  
Its: Scott  
Address 601 57th Street S.E. Charleston, WV 25304  
Telephone (304) 926-0499 ex 41100



Subscribed and sworn before me this 12th day of July 2022  
Renae Dawn Whitlock Notary Public  
My Commission Expires 4/6/27

Oil and Gas Privacy Notice

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

08/26/2022



**SURFACE OWNER WAIVER**

Operator's Well  
Number

49-099-02275 *P*

**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 57<sup>th</sup> 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,

*Paul K Maynard*  
Signature

Date 7/13/22 Name \_\_\_\_\_  
By \_\_\_\_\_  
Its \_\_\_\_\_

\_\_\_\_\_  
Date

Signature

**08/26/2022**

API No. 49-099-02295 P  
Farm Name Paul Maynard  
Well No. #-1

**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: 7/13-22

By: Paul K Maynard  
Its \_\_\_\_\_



WW-9  
(5/16)

4709902275P  
API Number 47 - 099 - 02275  
Operator's Well No. \_\_\_\_\_  
Powder Mill # 1

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

Operator Name UNKNOWN - WV DEP PAID PLUGGING CONTRACT OP Code \_\_\_\_\_

Watershed (HUC 10) Powder Mill Creek, Tug Fork River Quadrangle \_\_\_\_\_ Louisa

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

ANY WELL EFFLUENT WILL BE CONTAINED IN TANKS BEFORE DISPOSING OFF SITE. J. Harmon

If so, please describe anticipated pit waste: N/A

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

Proposed Disposal Method For Treated Pit Wastes:

- Land Application (if selected provide a completed form WW-9-GPP)
- Underground Injection ( UIC Permit Number Unknown at this time )
- 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.

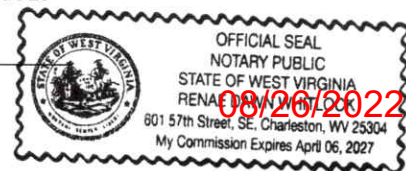
I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments thereto and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is 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 Jason Harmon  
Company Official (Typed Name) Jason Harmon  
Company Official Title Deputy Chief

Subscribed and sworn before me this 12th day of July, 2022

Kevin A. White Notary Public

My commission expires 4/6/27



Proposed Revegetation Treatment: Acres Disturbed 0.5 Prevegetation pH N/A

Lime 2-3 Tons/acre or to correct to pH 6 - 6.5

Fertilizer type 10-10-20

Fertilizer amount 400 lbs/acre

Mulch 2 Tons/acre

**Seed Mixtures**

Temporary		Permanent	
Seed Type	lbs/acre	Seed Type	lbs/acre
N/A		Fescue	40
		Clover	5
		Rye Grass	10

**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: Allen D Flowers

Comments: N/A

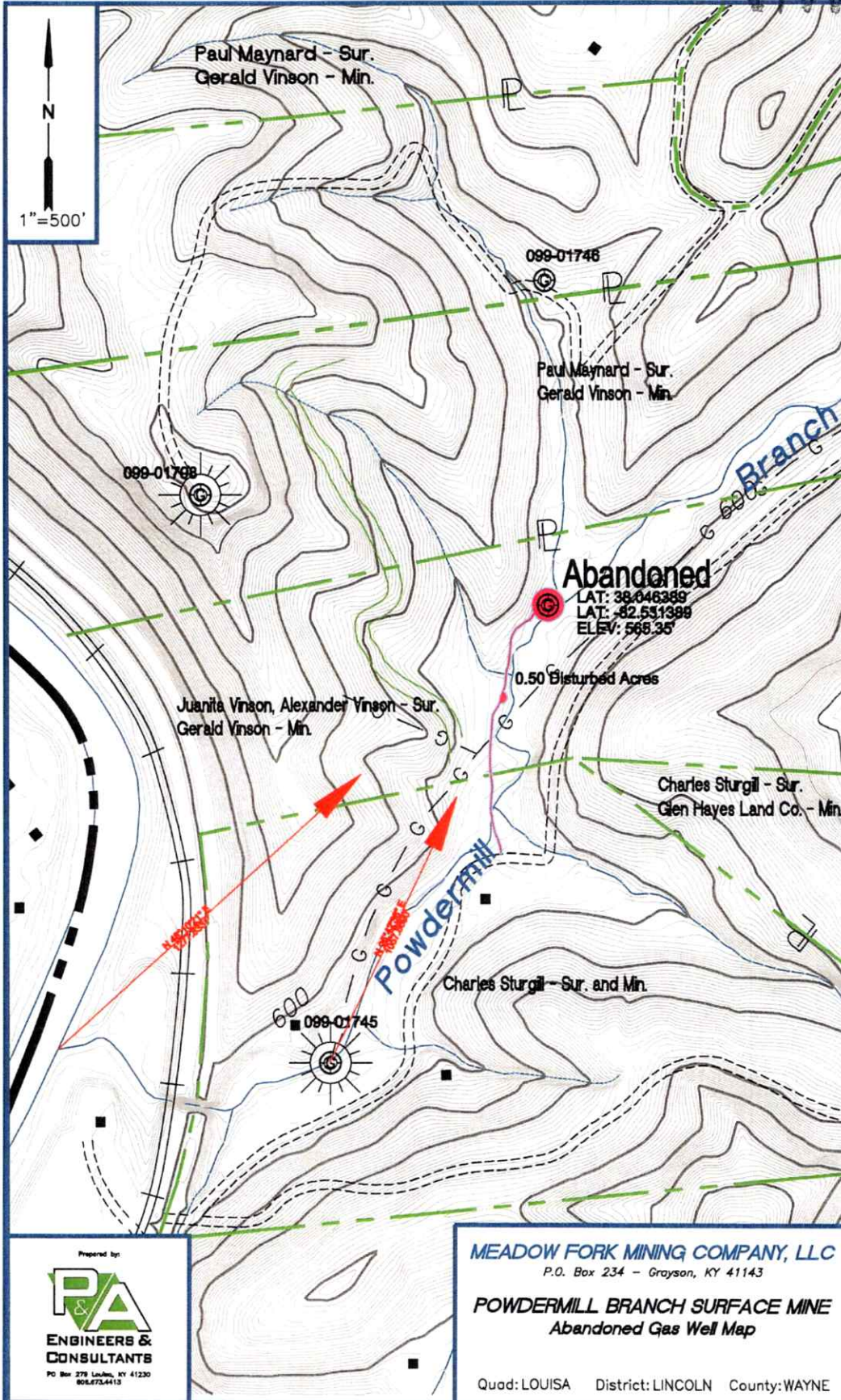
Title: Inspector ~~Inspector Specialist~~ Date: 7/12/2022

Field Reviewed? () Yes () No



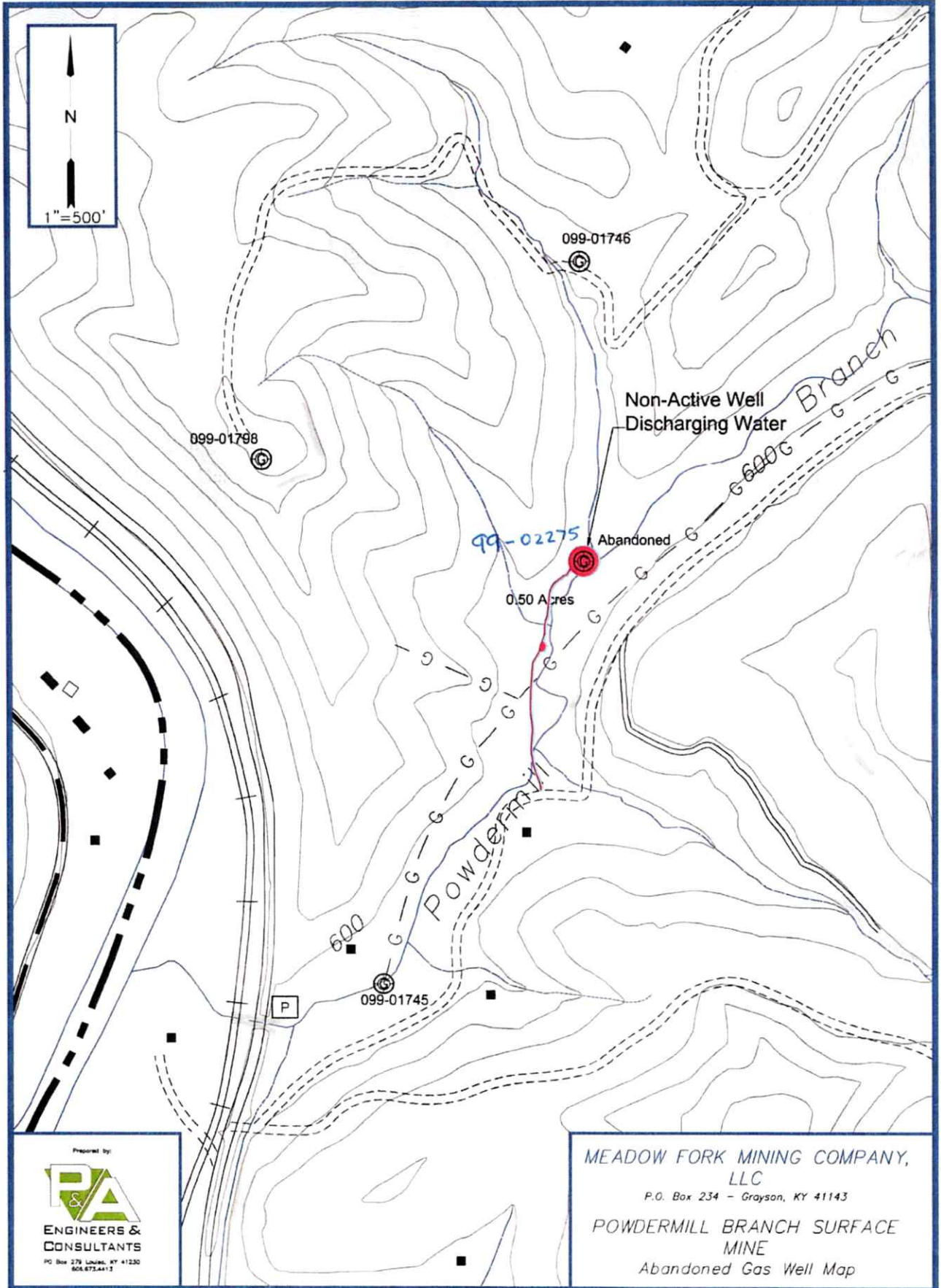
9902275P

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08/26/2022





Prepared by:

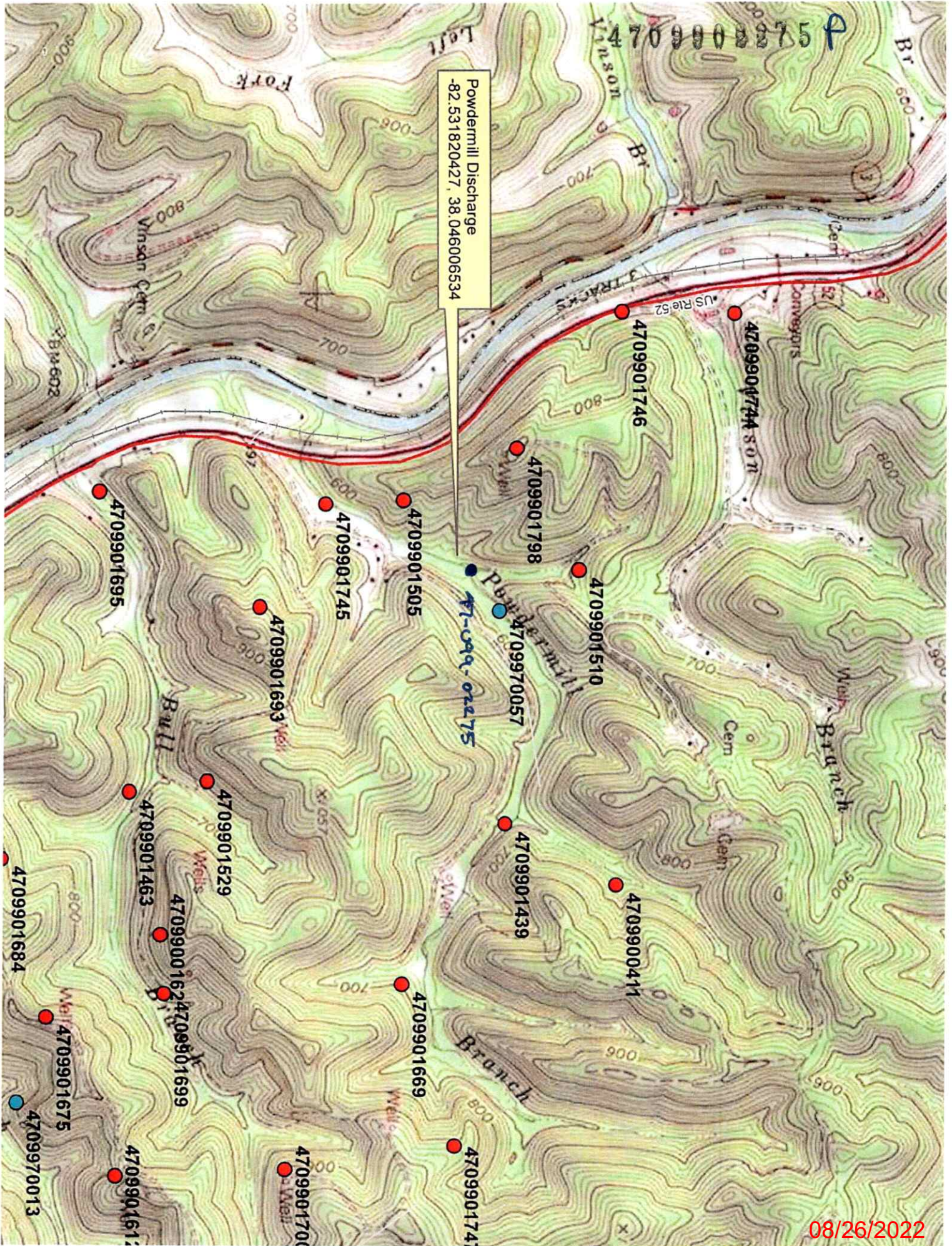


**ENGINEERS & CONSULTANTS**

PO Box 279 LINDSAY, KY 41230  
502.675.4413

**MEADOW FORK MINING COMPANY, LLC**  
 P.O. Box 234 - Grayson, KY 41143  
**POWDERMILL BRANCH SURFACE MINE**  
 Abandoned Gas Well Map





Powdermill Discharge  
 -82.531820427, 38.046006534

47-099-02275



WW-7  
8-30-06

4709902275P



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

API: 47 - 099 - 02275 WELL NO.: # 1

FARM NAME: Paul & Emma Maynard

RESPONSIBLE PARTY NAME: UNKNOWN - WV DEP PAID PLUGGING CONTRACT

COUNTY: Wayne - 099 DISTRICT: Lincoln

QUADRANGLE: Louisa

SURFACE OWNER: Paul & Emma Maynard

ROYALTY OWNER: Paul & Emma Maynard

UTM GPS NORTHING: 4212068.85

UTM GPS EASTING: 365628.99 GPS ELEVATION: 565

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

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

Survey grade GPS  : Post Processed Differential

Real-Time Differential

Mapping Grade GPS  : Post Processed Differential

Real-Time Differential

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.

	<b>Inspector</b>	7/12/2022
Signature	Title	Date

08/26/2022





Select County: (99) Wayne

Enter Permit #: 02275

Get Data Reset

Select datatypes: (Check All)

- Location
- Owner/Completion
- Pay/Show/Water
- Production
- Stratigraphy
- Logs
- Plugging
- Sample
- Btm Hole Loc

- Table Descriptions
- County Code Translations
- Permit-Numbering Series
- Larger Notes
- Contact Information
- Disclaimer
- WVGES Main
- "Pipeline-Plug" New

Well: County = 99 Permit = 02275

Report Time: Thursday, August 18, 2022 1:24:23 PM

Well Reassignment Information: Reassigned From  
 OLD\_COUNTY\_OLD\_PERMIT\_NEW\_COUNTY\_NEW\_PERMIT  
 99 70057 99 2275

Location Information: View Map  
 API COUNTY PERMIT TAX\_DISTRICT QUAD\_15 LAT\_DD LON\_DD UTM\_E UTM\_N  
 4709902275 -- Lincol 2275 Louisa 38.046399 -82.531389 365629 4212068.9

There is no Bottom Hole Location data for this well

Owner Information:  
 API CMP\_DT SURFAC STATUS SURFACE\_OWNER WELL\_NUM CO\_NUM LEASE LEASE\_NUM MINERAL\_OWN OPERATOR AT\_COMPLETION PROP\_VD PROP\_TRGT\_FM TFM\_EST\_PR  
 4709902275 -- Plugging Cancelled J & A Vinson 1 Vinson General Vinson  
 4709902275 -- Original Loc Completed L K Vinson OP=Tug River Oil & Gas Oper in Min. owner (Id: no code assign(Orphan well prof))

Completion Information:  
 API CMP\_DT SPUD\_DT ELEV\_DATUM FIELD DEEPEST\_FM DEEPEST\_FMT INITIAL\_CLASS FINAL\_CLASS TYPE RIG CMP\_MTHD TYD TMD NEW\_FTG KOD G\_BEF G\_AFT O\_BEF O\_AFT NGL\_BEF NGL\_AFT P\_BEF TI\_BEF P\_AFT TI\_AFT BH\_P\_BEF BH\_P\_J  
 4709902275 -- -- 565 Ground Level unclassified unclassified not available unknown unknown  
 4709902275 -- -- 805 Ground Level unclassified unclassified not available unknown unknown

- There is no Pay data for this well
- There is no Production Gas data for this well
- There is no Production Oil data for this well \*\* some operators may have reported NGL under Oil
- There is no Production NGL data for this well \*\* some operators may have reported NGL under Oil
- There is no Production Water data for this well
- There is no Stratigraphy data for this well
- There is no Wireline (E-Log) data for this well
- There is no Plugging data for this well
- There is no Sample data for this well

11/10/2016

PLUGGING PERMIT CHECKLIST

Plugging Permit

- WW-4B
- WW-4B signed by inspector
- WW-4A
- SURFACE OWNER WAIVER or PROOF THAT APPLICATION WAS SENT BY REGISTERED OR CERTIFIED MAIL
- COAL OWNER/COAL OPERATOR/COAL LESSEE WAIVERS or PROOF THAT APPLICATION WAS SENT BY REGISTERED OR CERTIFIED MAIL
- WW-9 PAGE 1 (NOTARIZED)
- WW-9 PAGE 2 with attached drawing of road, location, pit and proposed area for land application
- WW-9 GPP PAGE 1 and 2 if well effluent will be land applied
- RECENT MYLAR PLAT OR WW-7
- WELL RECORDS/COMPLETION REPORT
- TOPOGRAPHIC MAP OF WELL, SHOWING PIT IF PIT IS USED
- MUST HAVE VALID BOND IN OPERATOR'S NAME
- CHECK FOR \$100 IF PIT IS USED

08/26/2022





Kennedy, James P <james.p.kennedy@wv.gov>

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## Plugging permit issued 4709902275

1 message

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**Kennedy, James P** <james.p.kennedy@wv.gov>

Tue, Aug 23, 2022 at 1:58 PM

To: Henry J Harmon <henry.j.harmon@wv.gov>, Allen D Flowers <allen.d.flowers@wv.gov>, Terry W Urban <terry.w.urban@wv.gov>, assessor@waynecountywv.org


To whom it may concern, a plugging permit has been issued for 4709902275.

James Kennedy

WVDEP OOG

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### 2 attachments

 **4709902275.pdf**  
6938K

 **IR-8 Blank.pdf**  
237K

08/26/2022