



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

Friday, October 2, 2026
WELL WORK PLUGGING PERMIT
Vertical Plugging

BENS RUN LAND COMPANY LIMITED PARTNERSHIP
1105 SCHROCK ROAD, SUITE 602

COLUMBUS, OH 432290000

Re: Permit approval for 4
47-073-00583-00-00

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.

H. Jason Harmon
Chief

Operator's Well Number: 4
Farm Name: WELLS, EARL & ROSALENE
U.S. WELL NUMBER: 47-073-00583-00-00
Vertical Plugging
Date Issued: 10/2/2026

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.
5. No sooner than sixty (60) days and no greater than ninety (90) days after the completion of the plugging of the well, the operator shall conduct an evaluation of the plugging operations to verify that the well is not leaking any fluid or gases and is properly sealed at the surface to prevent fluids or other materials from entering the well. Reports of such analysis are required to be provided to the agency with the permittee's filing of the WR-38. Wells affirmed to be leaking after plugging operations have completed, will be considered to not be properly plugged and may be required to be retested, repaired, and/or replugged.

WW-4B
Rev. 2/01

1) Date 7/8, 2026
2) Operator's
Well No. Bens Run #4
3) API Well No. 47-073 - 00583

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 ____ / Liquid injection ____ / Waste disposal ____ /
(If "Gas, Production ____ or Underground storage ____) Deep X / Shallow ____

5) Location: Elevation 652 Watershed Middle Ohio North
District Union County Pleasants Quadrangle Bens Run

6) Well Operator Bens Run Land Company LP 7) Designated Agent Darren Brown (CT Corp)
Address 1105 Schrock Road, Suite 602 Address 5098 Washington St. W. Ste 407
Columbus, Ohio Charleston, WV 25313

8) Oil and Gas Inspector to be notified 9) Plugging Contractor
Name Stephen McCoy Name _____
Address 13016 Indian Creek Road Address _____
Jacksonburg, WV 26377

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

See Attached

RECEIVED
AUG 18 2026
E. J. ...
... ..

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

Work order approved by inspector Jeremy Newlon Date 8-18-2026

10/02/2026

BEN'S RUN BRINE FIELD

Well #4 – Procedure to Plug and Abandon

(11 3/4" & 8 5/8" Casing To Be Pulled @ Free point)

RECEIVED
AUG 18 2026
E. J. Schumacher
P. O. Box 1122
Bridgeport, WV 26330

Prepared by:

**Mark V. Schumacher, P.E.
Applied Petroleum Engineering LLC
P.O. Box 1122
Bridgeport, WV 26330
August 6, 2026**

Parameters:

- Elevation – 652'
- 20" set @ 41'
- 16" set @ 180' (cement to surface)
- 11 3/4" set @ 1805' (TOC estimated at 1500')
- 8 5/8" set @ 6381' (TOC estimated @ 4000')
- Salina Salt Cavern (Depth Estimated @ 6403'-6409')
- Well is under roof-skid or tear down

Set Cast Iron Bridge Plug

1. Notify State Inspector at least 24 hrs prior to commencement of any well work.
2. Move in wireline truck with self-contained mast.
3. RIH under lubricator with gauge ring/junk basket to bottom of 8 5/8" casing.
4. POH with GR/JB.
5. RIH with Cast Iron Bridge Plug (CIBP). Set CIBP @ 6376' (5' from the bottom of the 8 5/8" casing).
6. Bleed casing pressure down to zero psig. Assure that CIBP is holding.
7. If unable to set CIBP due to scale buildup in the 8 5/8" casing, then move in coil tubing equipment and run tricone bit, scraper brush, and motor to clean casing ID to allow for a good plug set.

Plugging Operation

1. Move in double derrick service rig, mud pump, 6500' of 2 3/8" J55, EUE tubing (rental), 2ea - 500 bbl storage tanks, open top circulating tank, pipe racks, catwalk, light plant, and rental telehandler.
2. Rig up all equipment. Conduct operational safety meeting.
3. Fill open top tank and 1ea – 500 bbl storage tank with fresh water.
4. TIH "open ended" with 2 3/8" tubing. Run 4' perforated joint with "mule shoe" end on bottom of tubing.
5. Tag CIBP @ 6376'. Establish circulation with fresh water. Circulate 1 complete "bottoms up" and check for gas cut fluid.
6. Mix and spot "Bottomhole Plug" Class A cement F/6376'-T/5900'.
7. Pull tubing to 5900'. Reverse circulate tubing clean.
8. Mix and spot 6% gel F/5900'-T/5500'.
9. Pull tubing to 5500'.
10. Mix and spot Class A cement F/5500'-T/5000'.
11. Pull tubing to 5000'.
12. Mix and spot 6% gel F/5000'-T/4100'.

13. TOH 2 3/8" tubing.
14. MIRU wireline truck. Freepoint and cut 8 5/8" casing (estimate casing cut @ 4000').
15. Pull 8 5/8" casing.
16. TIH 2 3/8" tubing to 4100'.
17. Mix and spot Class A cement F/4100'-T/3500'.
18. Pull tubing to 3500'.
19. Mix and spot 6% gel F/3500'-T/3000'.
20. Pull tubing to 3000'.
21. Mix and spot Class A cement F/3000'-T/2500'.
22. Pull tubing to 2500'.
23. Mix and spot 6% gel F/2500'-T/1900'.
24. Pull tubing to 1900'.
25. Mix and spot Class A cement F/1900'-T/1500'.
26. Pull tubing to 1500'.
27. Reverse circulate to clear hole.
28. POH 2 3/8" tubing.
29. Move in wireline truck. Freepoint and cut 11 3/4" casing (estimated casing cut @ 1400').
30. Pull 11 3/4" casing.
31. TIH 2 3/8" tubing to 1500'.
32. Mix and spot Class A cement F/1500'-T/1100'.
33. Pull tubing to 800'.
34. Mix and spot 6% gel F/1100'-T/250'.
35. Pull tubing to 250'.
36. Mix and spot Class A cement F/250'-T/Surface.
37. Pull remainder of tubing.
38. "Top fill" well to surface with Class A cement.
39. Move out all equipment.
40. Erect monument per WV State regulations.
41. Reclaim location.
42. Plugging job complete.

RECEIVED
Office of Oil and Gas

AUG 18 2026

via [unclear]
E [unclear]



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION 27

4707300583 P

Quadrangle St. MarysPermit No. PLEAS-583

WELL RECORD

Salt
GASOLINE Well (KIND)Company Food Machinery & Chemical CorporationAddress 161 East 42nd Street, New York 17, N. Y.Farm Earl & Rosalene Wells Acres 358

Location (waters)

No. Well No. Benjamin No. 4 Elev. 652'District Union County PleasantThe surface of tract is owned in fee by Food Machinery & Chemical Corporation Address New YorkSalt rights are owned by Food Machinery & Chemical Corporation Address New YorkDrilling commenced 11/17/59Drilling completed 1/1/60

Date Shot From To

With

Open Flow /10ths Water in Inch

/10ths Merc. in Inch

Volume Cu. Ft.

Rock Pressure lbs. hrs.

Oil bbls., 1st 24 hrs.

Fresh water feet

Salt water feet

Casing and
TubingUsed in
DrillingLeft in
Well

Packers

Size

20"

41'

Kind of Packer

16"

180'

Size of

11-3/4"

1805'

8-5/8"

6381'

Depth set

7" Securoloy

33'

53/16

1

Perf. top

2

Perf. bottom

Liners Used

Perf. top

Perf. bottom

CASING CEMENTED 11-3/4" SIZE 1805 No. Ft. 11/30/59 Date

7" Plus 8-5/8" 6414 1/3/60

COAL WAS ENCOUNTERED AT FEET INCHES

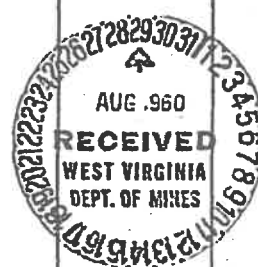
None Recorded

FEET INCHES

FEET INCHES

FEET INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil Gas or Water	Depth Found	Remarks
ALL FORMATION DATA TAKEN FROM DRILLER'S RECORDS							
GRAVELINE	NO	NO	0	40			
GRAVELINE			40	56			
SANDSTONE	RECORD	RECORD	56	115			
SANDSTONE			115	125			
SHALE			125	172			
LIMESTONE			172	690			
SHALE	"	"	690	839			
SANDSTONE			839	924			
SHALE			924	1056			
SANDSTONE			1056	1330			
SHALE			1330	1387			
SANDSTONE	RECORD	RECORD	1387	1469			
SHALE			1469	1785			



10/02/2026

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
SANDSTONE SHALE	"	"	1785	1970			
SILTSTONE SANDSTONE	NO	NO	1970	2030			
SANDSTONE SHALE	RECORD	RECORD	2030	2142			
SHALE SANDSTONE			2142	2300			
SILTSTONE SANDSTONE			2300	2490			
SHALE SILTSTONE			2490	2995			
SHALE SANDSTONE			2995	3305			
SHALE SANDSTONE			3305	5455			
LIMESTONE SANDSTONE	"	"	5455	5660			
LIMESTONE SANDSTONE			5660	5711			
SANDSTONE SANDSTONE			5711	5985			
LIMESTONE SANDSTONE			5985	6015			
LIMESTONE SANDSTONE	RECORD	RECORD	6015	6044			
SANDSTONE			6044	6079			
DOLOMITE LIMESTONE	NO	NO	6079	6084			
LIMESTONE			6084	6090			
DOLOMITE			6090	6107			
DOLOMITE ANHYDRITE LIMESTONE			6107	6313			
SALT		Soft to medium	6313	6376			W/Anhydrite bands & Anhydrite inclusion
ANHYDRITE		Hard	6376	6395			W/Some intergrade dolomite
SALT	Clear	Soft	6395	6401			
ANHYDRITE		Hard	6401	6403			
SALT		Soft	6403	6409			
ANHYDRITE DOLOMITE		Med. hard	6409	6414			
				6414 Total Depth			

Pleas 583



AUG 18 1960

Date August 26, 1960

APPROVED FOOD MACHINERY & CHEM. CORPORATION, Owner

By [Signature] Project Engineer

10/02/2026

(Title)



Select County: (073) Pleasants ☒ (Check All)

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

Enter Permit #: 00583

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

WV Geological & Economic Survey:

Well: County = 73 Permit = 00583 [Link to all digital records for well](#)

Report Time: Friday, October 2, 2026 10:15:06 AM

Location Information: [View Map](#)

API	COUNTY	PERMIT	TAX_DISTRICT	QUAD_75	QUAD_15	LAT_DD	LON_DD	UTME	UTMN
4707300583	Pleasants	583	Union	Bens Run	St. Marys	39.456964	-81.095135	491815.4	4367492.7

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_ES
4707300583	1/1/1960	Original Loc	Completed	Earl & Rosalene Wells	4					FMC Corp., (Food, Machinery & Chemical Corp.)			

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_AFT
4707300583	1/1/1960	11/17/1959	652 Ground Level	Bens Run	Salina		Miscellaneous Well	Unsuccessful	Salt Water Prod	unknown	Nat/Open H	6414		6414		0	0

There is no Pay data for this well

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
4707300583	Bens Run Land Co., Limited Partnership	2003	0	0	0	0	0	0	0	0	0	0	0	0	0
4707300583	Bens Run Land Co., Limited Partnership	2004	0	0	0	0	0	0	0	0	0	0	0	0	0
4707300583	Bens Run Land Co., Limited Partnership	2005	0	0	0	0	0	0	0	0	0	0	0	0	0
4707300583	Bens Run Land Co., Limited Partnership	2016	0	0	0	0	0	0	0	0	0	0	0	0	0
4707300583	Bens Run Land Co., Limited Partnership	2018	0	0	0	0	0	0	0	0	0	0	0	0	0
4707300583	Bens Run Land Co., Limited Partnership	2019	0	0	0	0	0	0	0	0	0	0	0	0	0
4707300583	Bens Run Land Co., Limited Partnership	2020	0	0	0	0	0	0	0	0	0	0	0	0	0
4707300583	Bens Run Land Co., Limited Partnership	2021	0	0	0	0	0	0	0	0	0	0	0	0	0
4707300583	Bens Run Land Co., Limited Partnership	2022	0	0	0	0	0	0	0	0	0	0	0	0	0
4707300583	Bens Run Land Co., Limited Partnership	2023	0	0	0	0	0	0	0	0	0	0	0	0	0
4707300583	Bens Run Land Co., Limited Partnership	2024	0	0	0	0	0	0	0	0	0	0	0	0	0
4707300583	Bens Run Land Co., Limited Partnership	2025	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

API	PRODUCING_OPERATOR	PRD_YEAR	ANN_OIL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DCM
4707300583	Bens Run Land Co., Limited Partnership	2003	0	0	0	0	0	0	0	0	0	0	0	0	0
4707300583	Bens Run Land Co., Limited Partnership	2004	0	0	0	0	0	0	0	0	0	0	0	0	0
4707300583	Bens Run Land Co., Limited Partnership	2006	0	0	0	0	0	0	0	0	0	0	0	0	0
4707300583	Bens Run Land Co., Limited Partnership	2016	0	0	0	0	0	0	0	0	0	0	0	0	0
4707300583	Bens Run Land Co., Limited Partnership	2018	0	0	0	0	0	0	0	0	0	0	0	0	0
4707300583	Bens Run Land Co., Limited Partnership	2019	0	0	0	0	0	0	0	0	0	0	0	0	0
4707300583	Bens Run Land Co., Limited Partnership	2020	0	0	0	0	0	0	0	0	0	0	0	0	0
4707300583	Bens Run Land Co., Limited Partnership	2021	0	0	0	0	0	0	0	0	0	0	0	0	0
4707300583	Bens Run Land Co., Limited Partnership	2022	0	0	0	0	0	0	0	0	0	0	0	0	0
4707300583	Bens Run Land Co., Limited Partnership	2023	0	0	0	0	0	0	0	0	0	0	0	0	0
4707300583	Bens Run Land Co., Limited Partnership	2024	0	0	0	0	0	0	0	0	0	0	0	0	0
4707300583	Bens Run Land Co., Limited Partnership	2025	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
4707300583	Bens Run Land Co., Limited Partnership	2016	0	0	0	0	0	0	0	0	0	0	0	0	0
4707300583	Bens Run Land Co., Limited Partnership	2018	0	0	0	0	0	0	0	0	0	0	0	0	0
4707300583	Bens Run Land Co., Limited Partnership	2019	0	0	0	0	0	0	0	0	0	0	0	0	0
4707300583	Bens Run Land Co., Limited Partnership	2020	0	0	0	0	0	0	0	0	0	0	0	0	0
4707300583	Bens Run Land Co., Limited Partnership	2021	0	0	0	0	0	0	0	0	0	0	0	0	0
4707300583	Bens Run Land Co., Limited Partnership	2022	0	0	0	0	0	0	0	0	0	0	0	0	0
4707300583	Bens Run Land Co., Limited Partnership	2023	0	0	0	0	0	0	0	0	0	0	0	0	0
4707300583	Bens Run Land Co., Limited Partnership	2024	0	0	0	0	0	0	0	0	0	0	0	0	0
4707300583	Bens Run Land Co., Limited Partnership	2025	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
4707300583	Bens Run Land Co., Limited Partnership	2016	0	0	0	0	0	0	0	0	0	0	0	0	0
4707300583	Bens Run Land Co., Limited Partnership	2018	0	0	0	0	0	0	0	0	0	0	0	0	0
4707300583	Bens Run Land Co., Limited Partnership	2019	0	0	0	0	0	0	0	0	0	0	0	0	0
4707300583	Bens Run Land Co., Limited Partnership	2020	0	0	0	0	0	0	0	0	0	0	0	0	0
4707300583	Bens Run Land Co., Limited Partnership	2021	0	0	0	0	0	0	0	0	0	0	0	0	0
4707300583	Bens Run Land Co., Limited Partnership	2022	0	0	0	0	0	0	0	0	0	0	0	0	0
4707300583	Bens Run Land Co., Limited Partnership	2023	0	0	0	0	0	0	0	0	0	0	0	0	0
4707300583	Bens Run Land Co., Limited Partnership	2024	0	0	0	0	0	0	0	0	0	0	0	0	0
4707300583	Bens Run Land Co., Limited Partnership	2025	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
4707300583	Original Loc	UDev undf:Berr/LoHURN	Well Record	1870	Reasonable	1202	Reasonable	652	Ground Level
4707300583	Original Loc	Lower Huron	Well Record	3072	Reasonable	1145	Reasonable	652	Ground Level
4707300583	Original Loc	Java Fm	Well Record	4217	Reasonable	188	Reasonable	652	Ground Level
4707300583	Original Loc	Angola Sh Mbr	Well Record	4405	Reasonable	298	Reasonable	652	Ground Level
4707300583	Original Loc	Rhinestreet Sh	Well Record	4703	Reasonable	465	Reasonable	652	Ground Level
4707300583	Original Loc	Sonyea Fm	Well Record	5168	Reasonable	160	Reasonable	652	Ground Level
4707300583	Original Loc	Genesee Fm	Well Record	5328	Reasonable	95	Reasonable	652	Ground Level
4707300583	Original Loc	Marcellus Fm	Well Record	5423	Reasonable	32	Reasonable	652	Ground Level
4707300583	Original Loc	Onondaga Ls	Well Record	5455	Reasonable	205	Reasonable	652	Ground Level
4707300583	Original Loc	Oriskany	Past WVGES Staff Geologist	5660	Reasonable	51	Reasonable	652	Ground Level
4707300583	Original Loc	Heiderberg	Past WVGES Staff Geologist	5711	Reasonable	396	Reasonable	652	Ground Level
4707300583	Original Loc	Salina	Past WVGES Staff Geologist	6107	Reasonable			652	Ground Level

Wireline (E-Log) Information:

* Scanned/Raster Log Information:

API	STATUS	LOG_TOP	LOG_BOT	DEEPEST_FML	LOGS_AVAIL	SCAN	GR_TOP	GR_BOT	D_TOP	D_BOT	N_TOP	N_BOT	I_TOP	I_BOT	T_TOP	T_BOT	S_TOP	S_BOT	O_TOP	O_BOT	INCH2	IN
4707300583	Regular Entry	1780	6425		C.N.*	Y					5359	6425							1780	6413	Y	Y

Scanned/Raster Comment: *logs: directional log, caliper, laterolog, CCL.

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

[Downloadable Log Images/Data](#): We advise you to save the scanned log or digitized log file(s) to your PC for viewing. To do so, right-click the file of interest and select the save option. Then you can direct the file to a location of your choice. Please note the scanned log images vary in size and some may take several minutes to download.

Quick Reference Guide for Log File Names For more info about WVGES scanned logs click [here](#)

geologic log types:

- d density (includes bulk density, compensated density, density, density porosity, grain density, matrix density, etc.)
- e photoelectric adsorption (PE or Pe, etc.)
- g gamma ray
- i induction (includes dual induction, medium induction, deep induction, etc.)

Scanned/Raster

Logs

FILENAME

10/02/2026

4707300583c.tif
4707300583d.tif
4707300583c_2.tif
4707300583n.tif
4707300583no.tif
4707300583o.tif

- l laterolog
 - m dipmeter
 - n neutron (includes neutron porosity, sidewall neutron--SWN, etc.)
 - o other¹
 - s sonic or velocity
 - t temperature (includes borehole temperature, BHT, differential temperature, etc.)
 - z spontaneous potential or potential
- mechanical log types:**
- b cement bond
 - c caliper
 - o other¹
 - p perforation depth control or perforate

¹other logs may include, but are not limited to, such curves as audio, bit size, CCL--casing collar locator, continuous meter, directional survey, gas detector, guard, NCTL--Nuclear Cement Top Locator, radioactive tracer, tension

4707300583P

There is no Plugging data for this well

Sample Information:

API	CUT1_TOP	CUT1_BOT	CUT2_TOP	CUT2_BOT	CORE1_TOP	CORE1_BOT	FM1_TOP	FM1_BOT	CORE2_TOP	CORE2_BOT	FM2_TOP	FM2_BOT	SMPL	THN_SEC1	SCAN1	SLAB1	PERM1	THN_SEC
4707300583		5390		6412														

WW-4A
Revised 6-07

1) Date: 7-8-26
2) Operator's Well Number
Bens Run #4

3) API Well No.: 47 - 073 - 00583

**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:	5) (a) Coal Operator
(a) Name Bens Run Land Company LP	Name _____
Address 1105 Shrock Road, Suite 602	Address _____
Columbus, Ohio 43229	_____
(b) Name _____	(b) Coal Owner(s) with Declaration
Address _____	Name _____
_____	Address _____
(c) Name _____	Name _____
Address _____	Address _____
_____	_____
6) Inspector Jeremy Newlon	(c) Coal Lessee with Declaration
Address 8402 Staunton Ave	Name _____
MacFarlan, WV 26148	Address _____
Telephone _____	_____

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 Bens Run Land Company LP
By: David L. Jacobs
Its: PRESIDENT
Address 1105 Schrock Road, Suite 602
Columbus, Ohio 43229
Telephone 614-885-1902

RECEIVED

AUG 18 2026

Subscribed and sworn before me this 6th day of August, 2026

My Commission Expires 8/14/2027

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.



DENISE M IRWIN
Notary Public, State of Ohio
My Commission Expires
08/14/2027

10/02/2026

SURFACE OWNER WAIVER

4707300583 P

Operator's Well
Number

Bens Run #4

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,



Signature

Date 8-6-26

Name

By

Its

Date

Signature

Date

10/02/2026

WW-4B

API No. 4707300583

Farm Name _____

Well No. Bens Run #4

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.

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AUG 18 2026

Date: _____

By: _____

Its _____

E: _____

10/02/2026

WW-9
(5/16)

API Number 47 - 073 - 00583
Operator's Well No. Bens Run #4

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

Operator Name Bens Run Land Company LP OP Code 309751

Watershed (HUC 10) French Creek-Ohio River Quadrangle Bens Run

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

Will a pit be used? Yes ☐ No ☒

If so, please describe anticipated pit waste: _____

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

Proposed Disposal Method For Treated Pit Wastes:

- ☐ Land Application (if selected provide a completed form WW-9-GPP)
☐ Underground Injection (UIC Permit Number TBD)
☐ 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. _____

Additives to be used in drilling medium? N/A RECEIVED

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) AUG 18 2026

-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 Gerald Jacobs

Company Official (Typed Name) Gerald Jacobs

Company Official Title PRESIDENT

Subscribed and sworn before me this 6th day of August, 2026

Denise M. Irwin

My commission expires 8/14/2027



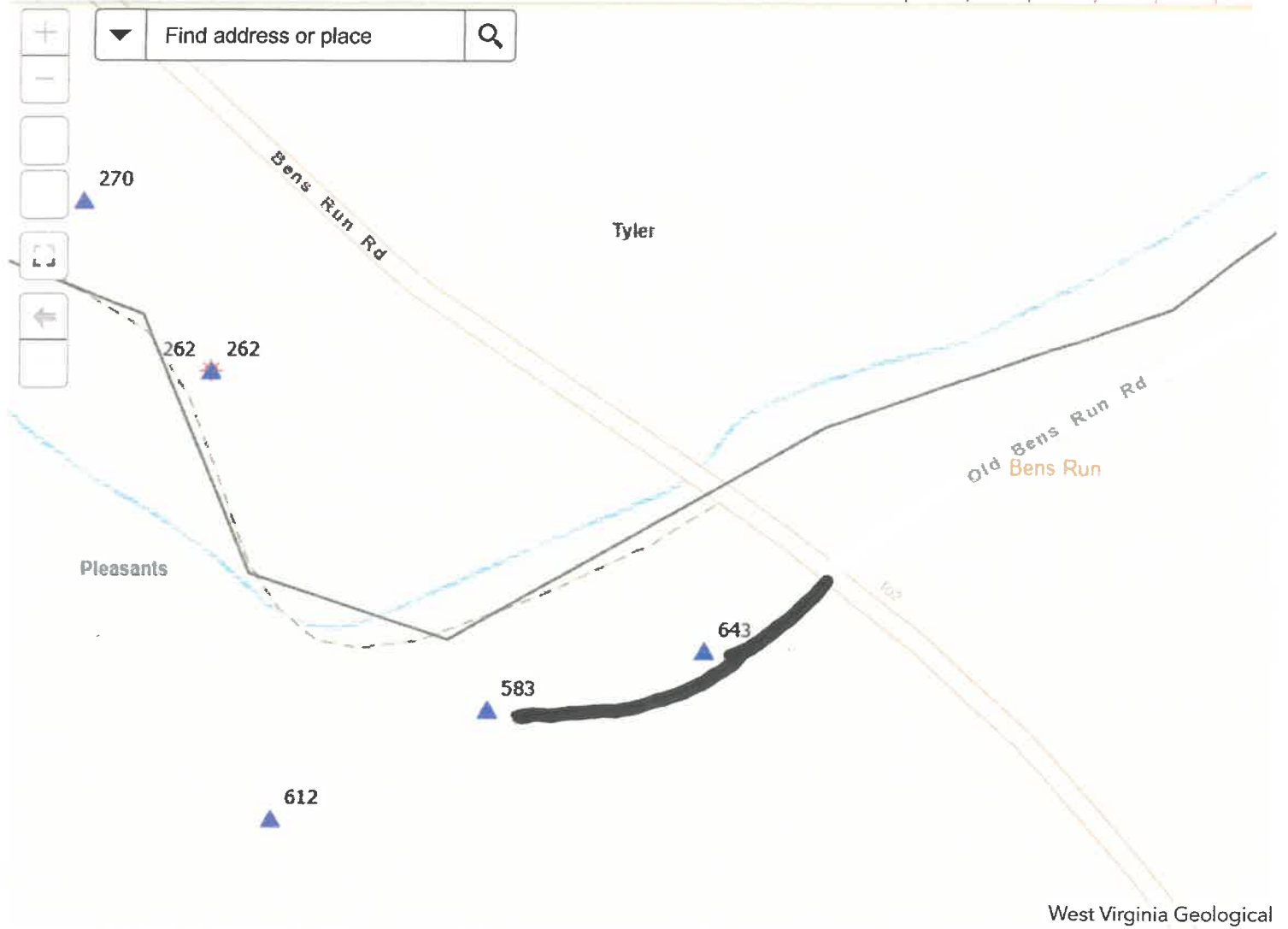
DENISE M IRWIN

Notary Public, State of Ohio

My Commission Expires

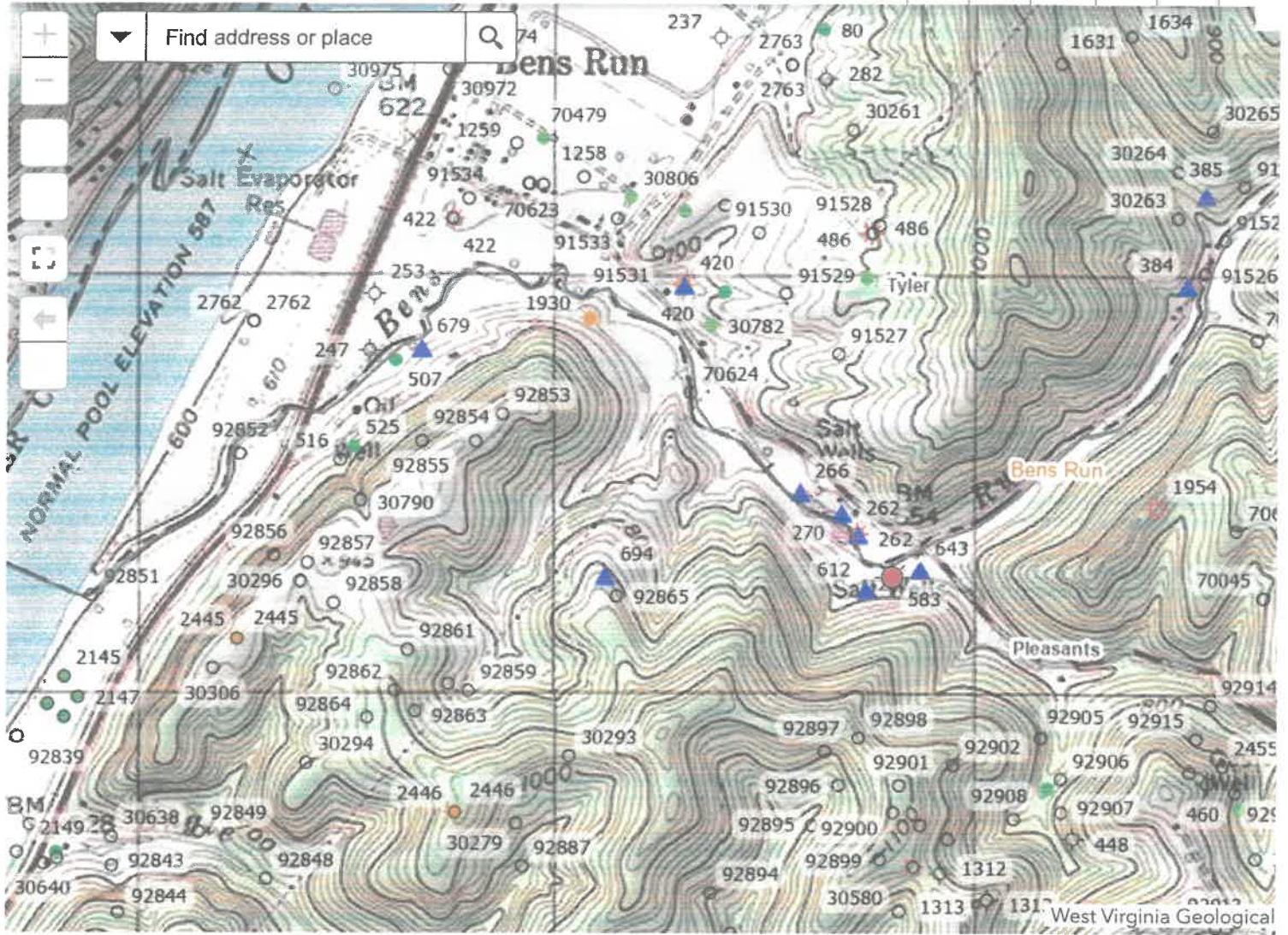
08/14/2027

10/02/2026



47-073-583
47-073-643

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AUG 18 2026
E

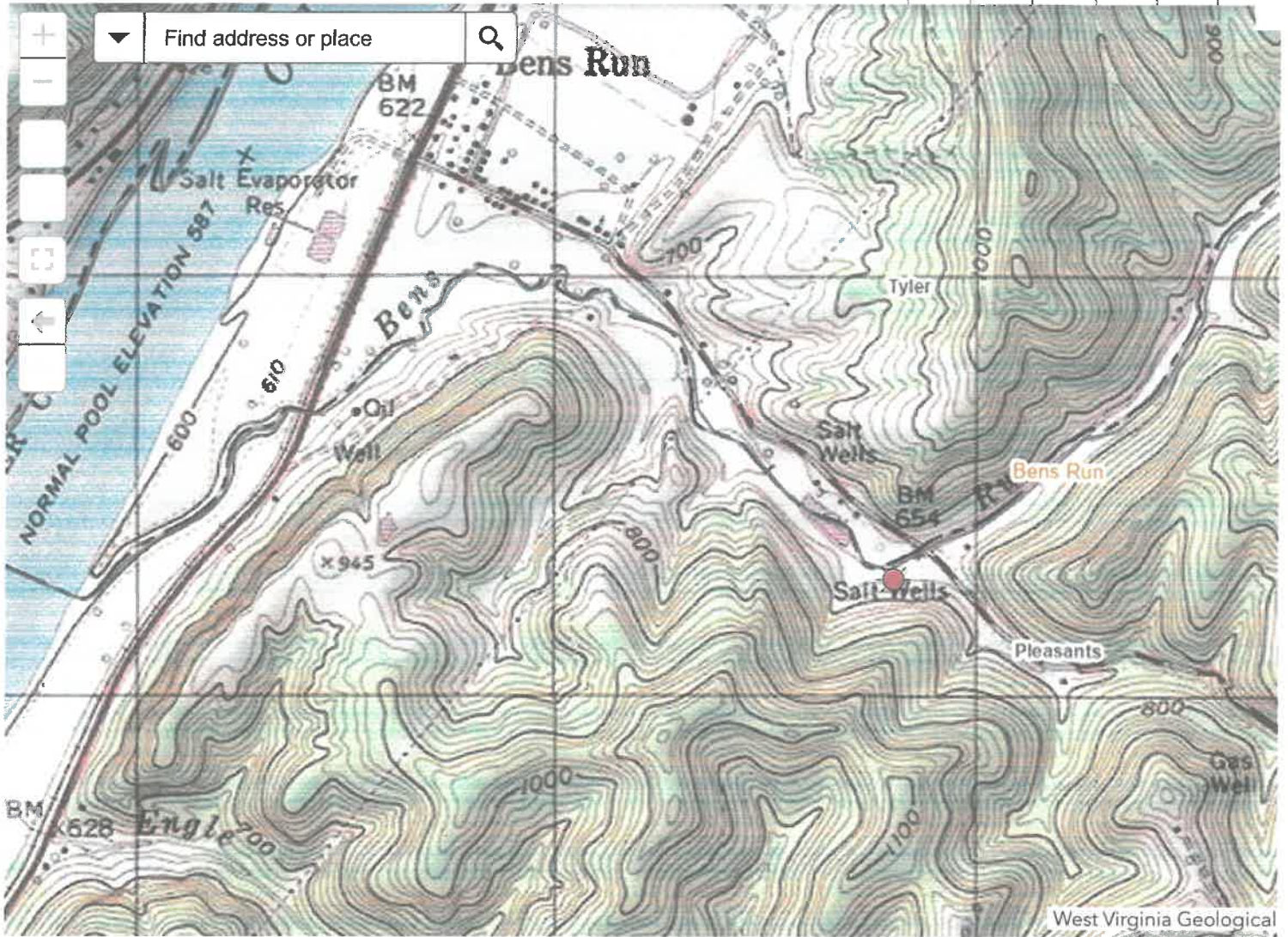


4707300583

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AUG 18 2026
West Virginia
Geological Survey



4707300583P



4707300583

RECEIVED
AUG 18 2026
E. J. F. 1011

0 0.1 0.2mi

81 092 19462 Degree

10/02/2026

WW-7
8-30-06



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

API: 4707300583 WELL NO.: Bens Run #4
FARM NAME: Earl and Rosalee Wells
RESPONSIBLE PARTY NAME: Bens Run Land Company LP
COUNTY: Pleasants DISTRICT: Union
QUADRANGLE: Bens Run
SURFACE OWNER: Bens Run Land Company LP
ROYALTY OWNER: Bens Run Land Company LP
UTM GPS NORTHING: 4367492.7
UTM GPS EASTING: 491815.4 GPS ELEVATION: 652

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 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.

Gene Smith Consultant 7-16-26
Signature Title Date

RECEIVED
Office of Oil and Gas
AUG 18 2026
West Virginia
Department of Environmental Protection

47-073-00583P

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

RECEIVED
AUG 18 2026
Mr. St. James
E. J. St. James

10/02/2026