



October 8, 2025

Taylor Brewer
Assistant Chief - Permitting
West Virginia Department of Environmental Protection
601 57th Street, SE
Charleston, WV 25304

Re: WR-34, WR-35 filing

Dear Mr. Brewer:

Please find the enclosed Final Discharge Monitoring Report and Well Operator's Report of Well Work for the Gerald Gourley 1H and Gerald Gourley 6H 5H wells.

If you have any questions or concerns, or require any additional information, feel free to contact me at (570) 290-8837 or eric.haskins@expandenergy.com

Sincerely,

Expand Operating, LLC

A blue ink handwritten signature, appearing to read "Eric Haskins", written over a blue oval-shaped stamp or background.

Eric Haskins
Appalachia Regulatory Manager

RECEIVED
Office of Oil and Gas

OCT 15 2025

WV Department of
Environmental Protection

01/23/2026

State of West Virginia
Department of Environmental Protection - Office of Oil and Gas
Well Operator's Report of Well Work

API 47-009 ⁰⁰³⁴⁶ ~~00345~~ County Brooke District Cross Creek
Quad Moundsville Pad Name Gerald Gourley Field/Pool Name Panhandle Field - Wet
Farm name Gerald Gourley BRK Well Number 6H
Operator (as registered with the OOG) SWN Production Company LLC
Address PO Box 12359 City Spring State TX Zip 77391

As Drilled location NAD 83/UTM Attach an as-drilled plat, profile view, and deviation survey
Top hole Northing 4,463,186.83 Easting 537,400.55
Landing Point of Curve Northing 4,463,238.76 Easting 537,079.35
Bottom Hole Northing 4,457,062.96 Easting 539,414.05

Elevation (ft) 1155 GL Type of Well ☒ New ☐ Existing Type of Report ☐ Interim ☒ Final
Permit Type ☐ Deviated ☒ Horizontal ☐ Horizontal 6A ☐ Vertical Depth Type ☐ Deep ☒ Shallow
Type of Operation ☐ Convert ☐ Deepen ☒ Drill ☐ Plug Back ☐ Redrilling ☐ Rework ☒ Stimulate
Well Type ☐ Brine Disposal ☐ CBM ☒ Gas ☐ Oil ☐ Secondary Recovery ☐ Solution Mining ☐ Storage ☐ Other _____
Type of Completion ☒ Single ☐ Multiple Fluids Produced ☐ Brine ☒ Gas ☐ NGL ☐ Oil ☐ Other _____
Drilled with ☐ Cable ☒ Rotary

Drilling Media Surface hole ☒ Air ☐ Mud ☒ Fresh Water Intermediate hole ☒ Air ☐ Mud ☐ Fresh Water ☐ Gas ☐ Brine
Production hole ☒ Air ☒ Mud ☐ Fresh Water ☐ Brine
Mud Type(s) and Additive(s)
SOBM

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Date permit issued 2025-02-21 Date drilling commenced 2025-03-23 Date drilling ceased 2025-04-04
Date completion activities began 2025-06-03 Date completion activities ceased 2025-07-07
Verbal plugging (Y/N) N Date permission granted N/A Granted by N/A

Please note: Operator is required to submit a plugging application within 5 days of verbal permission to plug

Freshwater depth(s) ft 474 Open mine(s) (Y/N) depths N
Salt water depth(s) ft 680 Void(s) encountered (Y/N) depths N
Coal depth(s) ft 119 Cavern(s) encountered (Y/N) depths N
Is coal being mined in area (Y/N) N

Reviewed by:

[Signature]
01/23/2026
11/20/2024

WR-35
Rev. 8/23/13

Page 2 of 3

API 47- 009 - 00345 Farm name Gerald Gourley BRK Well number 6H

CASING STRINGS	Hole Size	Casing Size	Depth	New or Used	Grade wt/ft	Basket Depth(s)	Did cement circulate (Y/N) * Provide details below*
Conductor	20.000	20.000	136		J-55/94.00		Y
Surface	17.500	13.375	600		J-55/54.50		Y
Coal							
Intermediate 1	12.250	9.625	1,533		J-55/36.00		Y
Intermediate 2							
Intermediate 3							
Production	8.500	5.500	28,602		P-110/20.00		Y
Tubing							
Packer type and depth set							

Comment Details _____

CEMENT DATA	Class/Type of Cement	Number of Sacks	Slurry wt (ppg)	Yield (ft ³ /sks)	Volume (ft ³)	Cement Top (MD)	WOC (hrs)
Conductor	Class A	Grout to Surface				Surface	24
Surface	Class A	589	15.6	1.19	0	Surface	8
Coal							
Intermediate 1	Class A	600	15.6	1.18	0	Surface	8
Intermediate 2							
Intermediate 3							
Production	Class A	5,349	14.5	1.26	0	Surface	24
Tubing							

Drillers TD (ft) 28,602 Loggers TD (ft) 28,602

Deepest formation penetrated Marcellus Plug back to (ft) _____

Plug back procedure N/A

Kick off depth (ft) 5,153

Check all wireline logs run ☒ caliper ☒ density ☒ deviated/directional ☐ induction
☒ neutron ☒ resistivity ☐ gamma ray ☒ temperature

Well cored ☐ Yes ☒ No Conventional Sidewall Were cuttings collected ☐ Yes ☒ No

DESCRIBE THE CENTRALIZER PLACEMENT USED FOR EACH CASING STRING _____

SURFACE: CENTRALIZERS - EVERY THIRD JOINT OF CASING

INTERMEDIATE: CENTRALIZERS - EVERY THIRD JOINT OF CASING

PRODUCTION: CENTRALIZERS - EVERY THIRD JOINT FROM SURFACE TO TOP OF CURVE, THEN EVERY JOINT UNTIL TD

WAS WELL COMPLETED AS SHOT HOLE ☐ Yes ☒ No DETAILS _____

WAS WELL COMPLETED OPEN HOLE? ☐ Yes ☒ No DETAILS _____

WERE TRACERS USED ☐ Yes ☒ No TYPE OF TRACER(S) USED _____

01/23/2026

Well number 6H[illegible]

STIMULATION INFORMATION PER STAGE

[illegible]

01/23/2026

PRODUCING FORMATION(S)	DEPTHS	
Marcellus	05,632	TVD 6,195 MD

GAS TEST			☐ Build up	☐ Drawdown	☒ Open Flow	OIL TEST			☒ Flow	☐ Pump									
SHUT-IN PRESSURE		Surface		1,257		psi		Bottom Hole		3,766		psi		DURATION OF TEST		24		hrs	
OPEN FLOW		Gas		Oil		NGL		Water		GAS MEASURED BY		☐ Estimated		☒ Orifice		☐ Pilot			
		9,180		mcfpd		1,011		bpd		0		bpd		1,134		bpd			

[illegible]

Drilling Contractor	SWN Drilling Company				
Address	PO Box 12395	City	Spring	State	TX Zip 77391-2359
Logging Company	Baker Hughes				
Address	9110 Grogans Mill Road	City	The Woodlands	State	TX Zip 77380
Cementing Company	Schlumberger				
Address	110 Schlumberger Drive	City	Sugar Land	State	TX Zip 77478
Stimulating Company	SWN Drilling Company				
Address	PO Box 12395	City	Spring	State	TX Zip 77391

Completed by Eric Haskins Telephone 570 290-8837
Signature _____ Title Regulatory Manager Date 10/8/2025

Submittal of Hydraulic Fracturing Chemical Disclosure Information Attach copy of FRACFOCUS Registry

01/23/2026

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Office of Oil and Gas
OCT 15 2025
Wy Department of
Environmental Protection

Hydraulic Fracturing Fluid Product Component Information Disclosure

Job Start Date:	06/03/2025
Job End Date:	07/07/2025
State:	West Virginia
County:	Brooke
API Number:	47-009-00346-00-00
Operator Name:	Expand Operating LLC
Well Name and Number:	GERALD GOURLEY BRK 6H
Latitude:	40.318298
Longitude:	-80.560002
Datum:	NAD83
Federal Well:	NO
Indian Well:	NO
True Vertical Depth:	5906.05
Total Base Water Volume (gal)*:	33220318
Total Base Non Water Volume:	165895.4



Water Source	Percent
Surface Water, < 1000TDS	83.51%
Produced Water	16.49%

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Hydraulic Fracturing Fluid Composition:

Trade Name	Supplier	Purpose	Ingredients	Chemical Abstract Service Number (CAS #)	Maximum Ingredient Concentration in Additive (% by mass)**	Maximum Ingredient Concentration in HF Fluid (% by mass)**	Comments
655 NM	Expand Completion Services	Scale Inhibitor					
Base Water	Operator	Base Fluid					
FERRIPLEX 80	Expand Completion Services	Iron Control Agent					
FSTI-CI-02	Expand Completion Services	Corrosion Inhibitor					
Hydrochloric Acid	Expand Completion Services	Solvent					
Plexslick CX 810	Expand Completion Services	Friction Reducer					
Sand	Expand Completion Services	Proppant					

01/23/2026

Tolcide 4 Frac 50	Expand Completion Services	Biocide					
Items above are Trade Names. Items below are the individual ingredients.							
			Water	7732-18-5	100.00000	87.84385	
			Crystalline Silica, Quartz	14808-60-7	100.00000	11.95185	
			HYDROCHLORIC ACID	7647-01-0	37.00000	0.14112	
			Copolymer of 2-propenamide	Proprietary	60.00000	0.02639	
			Isoalkanes	64742-47-8	30.00000	0.01979	
			Phosphonium, tetrakis(hydroxymethyl)-, sulfate (2:1)	55566-30-8	50.00000	0.00665	
			Ethoxylated Tridecanol	Proprietary	2.50000	0.00330	
			Sodium erythorbate	6381-77-7	98.00000	0.00199	
			Surfactant	Proprietary	3.00000	0.00198	
			Quaternary ammonium compounds, benzyl-C12-16- alkyldimethyl, chlorides	68424-85-1	10.00000	0.00133	
			Ethanol	64-17-5	1.50000	0.00067	
			Ethylene glycol	107-21-1	40.00000	0.00023	
			Cinnamaldehyde	104-55-2	19.00000	0.00011	
			1-Octanol	111-87-5	19.00000	0.00011	
			1-Decanol	112-30-1	19.00000	0.00011	
			N,N-Dimethylformamide	68-12-2	19.00000	0.00011	
			Triethyl phosphate	78-40-0	19.00000	0.00011	
			Poly(oxy-1,2-ethanediyl), .alpha- (nonylphenyl)-.omega.- hydroxy-	9016-45-9	19.00000	0.00011	
			2-Butoxyethanol	111-76-2	10.00000	0.00006	
			Isopropyl alcohol	67-63-0	10.00000	0.00006	
			Tar bases, quinoline derivatives, benzyl chloride- quaternized	72480-70-7	10.00000	0.00006	

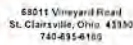
* Total Water Volume sources may include various types of water including fresh water, produced water, and recycled water

** Information is based on the maximum potential for concentration and thus the total may be over 100%

Note: For Field Development Products (products that begin with FDP), MSDS level only information has been provided.

Ingredient information for chemicals subject to 29 CFR 1910.1200(i) and Appendix D are obtained from suppliers Material Safety Data Sheets (MSDS)

01/23/2026



1. SURFACE AND ROYALTY OWNERS INFORMATION AND THEIR
BOUNDARIES SHOWN. DESIGN WITH PRINTED FROM DEEDS AND/OR
TAX PARCEL MAPS PROVIDED BY CLIENT AND/OR FIELD LOCATIONS.
2. THIS PLAT DOES NOT REPRESENT A GEOGRAPHY SURVEY OF THE
PARCELS SHOWN HEREON.
3. ALL RIGHTS ARE CONVEYED HEREON WITHOUT RESERVE.

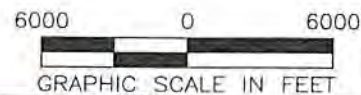
AS-DRILLED SURFACE HOLE

AS-DRILLED BOTTOM HOLE

6000 0

GRAPHIC SCALE IN FEET

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WV Department of
Environmental Protection



NOTE: ANY UTILITIES OR IMPROVEMENTS SHOWN ON THIS PLAN ARE EITHER REASONABLE VISUAL OBSERVATIONS. NO UTILITY COMPANIES WERE CONTACTED FOR UTILITY LINE LOCATIONS.

LEGEND:

-  AS-BUILT SURFACE HOT / DAYTON HOSE
-  EXISTING / PROPOSED ADJACENT
-  ABANDONED WELL
-  RILLOGETY & ASFALTOGETY WILL
-  LANDING POINT LOCATION
-  PRELIMINARY
-  EXISTING UNIT
-  LEASE BOUNDARY
-  HISTORICAL BOUNDARY
-  NATURAL WATERWAY
-  MARSHALLS PATH

COMPANY:



OPERATOR'S

GERALD GOURLEY BRK

WELL #:

6H

DISTRICT:

COUNTY:

STATE:

SWN PRODUCTION COMPANY, LLC
SURFACE HOLES

1. "GERALD GOURLEY 1946 111"
3. "GERALD GOURLEY BRK 31"
6. "GERALD GOURLEY 1946 124"
8. "GERALD GOURLEY BRK 64"

REVISIONS:

DATE: 05-08-2025

API NO: 47-009-00346

DRAWN BY:Z. WOOD

SCALE: 1" = 6000'

DRAWING NO:2024-1306

INTERNAL WELL PLAT

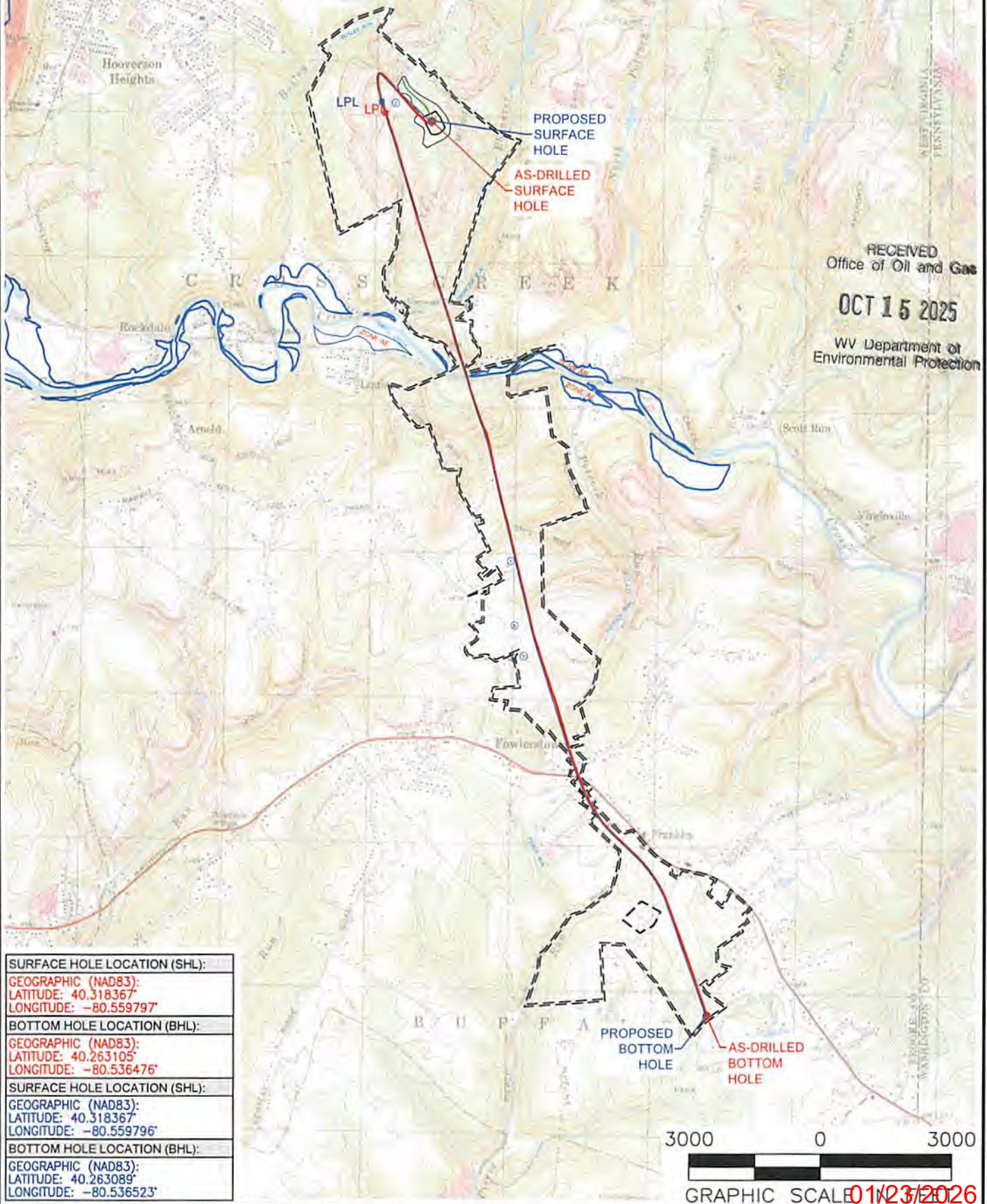
C:\USERS\ZWOO\APPDATA\LOCAL\TEMP\ACTOUBISH_44392\GEMALD COURTESY HRK 601WG
THURSDAY MAY 06 2025 11:02AM

COMPLETION ID 2501255625
PAD ID 3001155812



68011 Vineyard Road
St. Clairsville, Ohio 43950
740-695-6100

GRID NORTH
UTM, NAD83 DATUM, ZONE 17, US FT



SURFACE HOLE LOCATION (SHL):
GEOGRAPHIC (NAD83):
LATITUDE: 40.318367°
LONGITUDE: -80.559797°
BOTTOM HOLE LOCATION (BHL):
GEOGRAPHIC (NAD83):
LATITUDE: 40.263105°
LONGITUDE: -80.536476°
SURFACE HOLE LOCATION (SHL):
GEOGRAPHIC (NAD83):
LATITUDE: 40.318367°
LONGITUDE: -80.559796°
BOTTOM HOLE LOCATION (BHL):
GEOGRAPHIC (NAD83):
LATITUDE: 40.263089°
LONGITUDE: -80.536523°

NOTES ON SURVEY

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

LEGEND:

- PROPOSED SURFACE HOLE / BOTTOM HOLE
- EXISTING / PRODUCING WELLHEAD
- LPL LANDING POINT LOCATION
- FLOOD PLAIN
- NATURAL WATERWAY
- ACCESS ROAD
- PUBLIC ROAD
- ACCESS ROAD TO PREV. SITE
- LEASE BOUNDARY
- PROPOSED PATH

WELL OPERATOR: SWN PRODUCTION COMPANY, LLC	WELL (FARM) NAME: GERALD GOURLEY BRK	WELL # 6H	SERIAL # XXXX
ADDRESS: 1300 FORT PIERPONT DRIVE, SUITE 201, MORGANTOWN, WV 26508	COUNTY: BROOKE	CODE: 009	DISTRICT: CROSS CREEK
SURFACE OWNER: GERALD GOURLEY	USGS 7 1/2 QUADRANGLE MAP NAME: STUEBENVILLE EAST, WV	API # 47-009-00346	

As-Drilled

LATITUDE: 40°20'00" SURFACE HOLE (2000' SCALE)

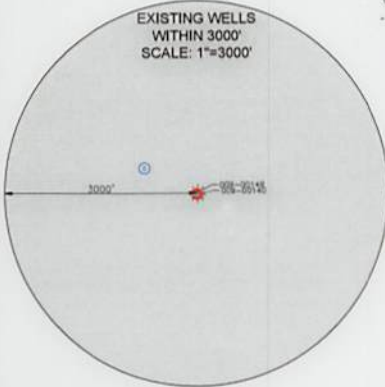
5241'

10233'
LATITUDE: 40°17'30" BOTTOM HOLE (2000' SCALE)



68011 Vineyard Road
St. Clairsville, Ohio 43950
740-695-6100

LINE	BEARING	DISTANCE
L1	N78°26'03"W	2882.77'
L2	S39°34'03"E	3306.07'



NOTES ON SURVEY

- COORDINATE SYSTEM IS UTM NAD 83 DATUM, ZONE 17, U.S. FOOT AND WELL COORDINATES ESTABLISHED USING SURVEY GRADE GPS.
- SURFACE AND ROYALTY OWNER INFORMATION AND THEIR BOUNDARIES SHOWN HEREON WERE PLOTTED FROM DEEDS AND/OR TAX PARCEL MAPS PROVIDED BY CLIENT AND/OR FIELD LOCATIONS.
- THIS PLAT DOES NOT REPRESENT A BOUNDARY SURVEY OF THE PARCELS SHOWN HEREON.
- NO DWELLINGS OR BUILDINGS WITHIN 625 FEET OF PROPOSED CENTER OF PAD.
- NO PERENNIAL STREAMS, LAKES, PONDS, RESERVOIRS OR WETLANDS WITHIN 100 FEET OF THE LIMITS OF DISTURBANCE.
- NO NATURALLY PRODUCING TROUT STREAM WITHIN 300 FEET OF THE LIMITS OF DISTURBANCE.
- NO WATER WELLS OR DEVELOPED SPRINGS WITHIN 250 FEET OF PROPOSED WELL.

SURFACE HOLE LOCATION (SHL):
UTM (NAD83, ZONE 17, METERS):
NORTHING: 4463186.83
EASTING: 537400.55
LANDING POINT LOCATION (LPL):
UTM (NAD83, ZONE 17, METERS):
NORTHING: 4463238.76
EASTING: 537079.35
BOTTOM HOLE LOCATION (BHL):
UTM (NAD83, ZONE 17, METERS):
NORTHING: 4457062.96
EASTING: 539414.05
SURFACE HOLE LOCATION (SHL):
UTM (NAD83, ZONE 17, METERS):
NORTHING: 4463186.81
EASTING: 537400.67
LANDING POINT LOCATION (LPL):
UTM (NAD83, ZONE 17, METERS):
NORTHING: 4463315.17
EASTING: 537052.40
BOTTOM HOLE LOCATION (BHL):
UTM (NAD83, ZONE 17, METERS):
NORTHING: 4457061.21
EASTING: 539410.06

I, THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.

P.E. 19809



COMPANY:

expand



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

WVDEP
OFFICE OF OIL & GAS
601 57TH STREET
CHARLESTON, WV 25034

MINIMUM DEGREE OF ACCURACY: 1/200
PROVEN SURVEY GRADE GPS
SOURCE OF ELEVATION: (NAVD 88, US FT)

GERALD GOURLEY BRK		
OPERATOR'S WELL #: 6H		
API WELL #:	47	009 00346
STATE	COUNTY	PERMIT

WELL TYPE: OIL ☐ WASTE DISPOSAL ☐ PRODUCTION ☒ DEEP ☐ GAS ☒ LIQUID INJECTION ☐ STORAGE ☐ SHALLOW ☒	ELEVATION: 1154.9'
WATERSHED: UPPER OHIO SOUTH	QUADRANGLE: STEUBENVILLE EAST, WV
DISTRICT: CROSS CREEK	ACREAGE: ±173.00
COUNTY: BROOKE	ACREAGE: ±173.00
SURFACE OWNER: GERALD GOURLEY	
OIL & GAS ROYALTY OWNER: GERALD GOURLEY	
DRILL ☐ DRILL DEEPER ☐ REDRILL ☐ FRACTURE OR STIMULATE ☐ PLUG OFF OLD FORMATION ☐ PERFORATE NEW FORMATION ☐	
CONVERT ☐ PLUG & ABANDON ☐ CLEAN OUT & REPLUG ☐ OTHER CHANGE ☒ (SPECIFY) AS-DRILLED	
TARGET FORMATION: MARCELLUS	ESTIMATED DEPTH: 5,906' TVD 28,602' TMD

WELL OPERATOR: SWN PRODUCTION COMPANY, LLC	DESIGNATED AGENT: BRITTANY WOODY
ADDRESS: 1300 FORT PIERPONT DRIVE, SUITE 201	ADDRESS: 1300 FORT PIERPONT DRIVE, SUITE 201
CITY: MORGANTOWN	CITY: MORGANTOWN
STATE: WV	STATE: WV
ZIP CODE: 26508	ZIP CODE: 26508

LEGEND:	REVISIONS:	DATE: 05-08-2025
● EXISTING BOTTOM HOLE		API NO: 47-009-00346
★ EXISTING / PRODUCING WELLHEAD		DRAWN BY: Z. WOOD
LPL★ EXISTING LANDING POINT LOCATION		SCALE: 1" = 2000'
● PROPOSED SURFACE HOLE / BOTTOM HOLE		DRAWING NO: 2024-1300
LPL★ PROPOSED LANDING POINT LOCATION		WELL LOCATION PLAT
— ACCESS ROAD		
— PUBLIC ROAD		
— FLOOD PLAIN		
— LEASE BOUNDARY		
— AS-DRILLED PATH		
— PROPOSED PATH		

As-Drilled

LATITUDE: 40°20'00" SURFACE HOLE (2000' SCALE)

5241'

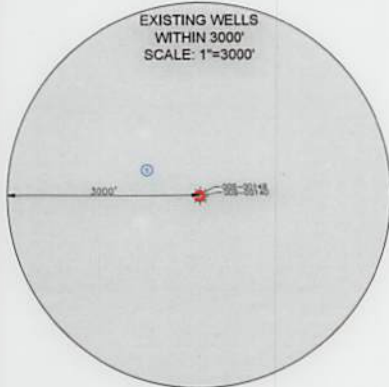
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68011 Vineyard Road
St. Clairsville, Ohio 43950
740-695-6100

LINE	BEARING	DISTANCE
L1	N78°26'03"W	2882.77'
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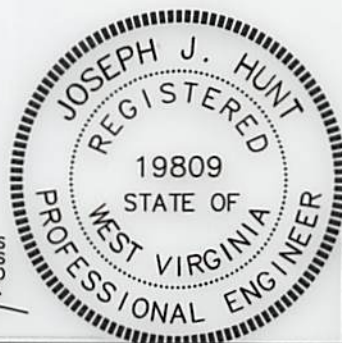
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P.E. 19809



2000 0 2000

GRAPHIC SCALE IN FEET

COMPANY:

expand



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

WVDEP
OFFICE OF OIL & GAS
601 57TH STREET
CHARLESTON, WV 25034

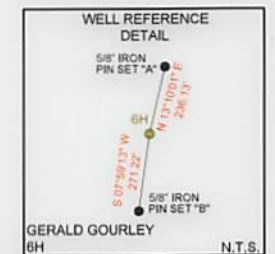
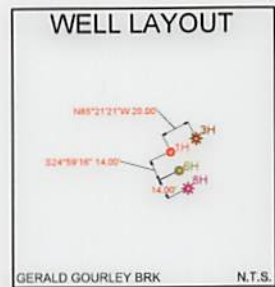
MINIMUM DEGREE OF ACCURACY: 1/200
PROVEN SOURCE OF ELEVATION: SURVEY GRADE GPS (NAVD 88, US FT)

GERALD GOURLEY BRK
OPERATOR'S WELL #: 6H
API WELL #: 47 009 00346
STATE COUNTY PERMIT

WELL TYPE: OIL ☐ WASTE DISPOSAL ☐ PRODUCTION ☒ DEEP ☐ GAS ☒ LIQUID INJECTION ☐ STORAGE ☐ SHALLOW ☒
WATERSHED: UPPER OHIO SOUTH
DISTRICT: CROSS CREEK COUNTY: BROOKE
SURFACE OWNER: GERALD GOURLEY
OIL & GAS ROYALTY OWNER: GERALD GOURLEY
DRILL ☐ DRILL DEEPER ☐ REDRILL ☐ FRACTURE OR STIMULATE ☐ PLUG OFF OLD FORMATION ☐ PERFORATE NEW FORMATION ☐
CONVERT ☐ PLUG & ABANDON ☐ CLEAN OUT & REPLUG ☐ OTHER CHANGE ☒ (SPECIFY) AS-DRILLED
TARGET FORMATION: MARCELLUS
ELEVATION: 1154.9'
QUADRANGLE: STEUBENVILLE EAST, WV
ACREAGE: ±173.00
ACREAGE: ±173.00
ESTIMATED DEPTH: 5,906' TVD 28,602' TMD

WELL OPERATOR: SWN PRODUCTION COMPANY, LLC
ADDRESS: 1300 FORT PIERPONT DRIVE, SUITE 201
CITY: MORGANTOWN STATE: WV ZIP CODE: 26508
DESIGNATED AGENT: BRITTANY WOODY
ADDRESS: 1300 FORT PIERPONT DRIVE, SUITE 201
CITY: MORGANTOWN STATE: WV ZIP CODE: 26508

LEGEND:	REVISIONS:	DATE: 05-08-2025
EXISTING BOTTOM HOLE		API NO: 47-009-00346
EXISTING / PRODUCING WELLHEAD		DRAWN BY: Z. WOOD
LPL* EXISTING LANDING POINT LOCATION		SCALE: 1" = 2000'
PROPOSED SURFACE HOLE / BOTTOM HOLE		DRAWING NO: 2024-1300
PROPOSED LANDING POINT LOCATION		WELL LOCATION PLAT
ACCESS ROAD		
PUBLIC ROAD		
FLOOD PLAIN		
LEASE BOUNDARY		
AS-DRILLED PATH		
PROPOSED PATH		



LONGITUDE: 80°30'00" BOTTOM HOLE (2000' SCALE)

10452'

LONGITUDE: 80°32'30" SURFACE HOLE (2000' SCALE)

INSET I
N.T.S.



WELL BORE TABLE FOR SURFACE/ROYALTY OWNERS		
TRACT	SURFACE OWNER (S) / ROYALTY OWNER (R)	TAX PARCEL
1	GOURLEY GERALD E	4-CC19-103
TRACT	SURFACE OWNER	TAX PARCEL
2	GOURLEY GERALD E	4-CC15-42
3	YODER MELVIN A	4-CC15-42.1
4	BALLATO NICHOLAS & CHRISTOPHER	4-CC19-192
5	GOURLEY GERALD E	4-C19K-57
6	TEMPLE LLOYD (SURV)	4-CC19-108
7	LONGWELL MARTY R II & ALYSSA A (JTWS)	4-CC19-128
8	FORESHA THOMAS E & BLASKOVICH VIRGINIA M (SURV)	4-CC19-106
9	VEMURI HOME & GARDEN LLC	4-CC19-130
10	PITTSBURGH & WV RAILROAD	4-CC19-134
11	NORFOLK & WESTERN RAILWAY CO	4-C19K-18
12	PITTSBURGH & W VA RAILWAY CO	4-CC19-191
13	COOK FAMILY REVOCABLE TRUST 4/20/17, MALSON SUSAN A	4-CC23-322
14	CORWIN BRIAN	4-CC23-78
15	HUBBARD SAMUEL	4-CC23-86
16	FERGUSON JENNIFER & JESSICA	4-CC23-100
17	LYKE EUGENE F II	4-CC23-329.1
18	RYAN REBECCA	4-CC23-345
19	ROBINSON JACK	4-CC23-344
20	REMOVED	REMOVED
21	SINGH DILRAJ	4-CC23-342
22	REMOVED	REMOVED
23	PRO MOTIVE INC.	4-CC23-410
24	WV DEPARTMENT OF TRANSPORTATION, DIVISION OF HIGHWAYS	STATE ROUTE 27
25	FRESHWATER ROBERT LEE	3-B23S-5
26	WALKER GREGORY W & NANCY	3-B23S-21
27	REMOVED	REMOVED
28	WILSON EDWARD J & CINDY J SURV	3-B23S-25
29	RODEN JOEL & JULIE (SURV)	3-B23S-26
30	PEARSON GREGORY ALLEN	3-B23S-30
31	REMOVED	REMOVED
32	FRANKLIN CEMETERY ASSOC	3-B28D-60
33	FRANKLIN CEMETERY	3-B28D-61
34	WV DEPARTMENT OF TRANSPORTATION, DIVISION OF HIGHWAYS	PIERCE RUN ROAD
35	FRANKLIN CEMETERY ASSOCIATION TRUSTEES	3-B28D-66
36	PARK & RECREATION COMMISION	3-B28-66
37	POTTER FAMILY REVOCABLE TRUST	3-B29E-1
38	CARUSO ELIZABETH A	3-B29E-19
39	RADVANSKY JOHN GABRIEL	3-B29J-7
40	CHARLESWORTH DAVID	4-CC23-348
41	MAYO LOUIS P	3-B23S-22
ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER	TAX PARCEL
A	LOAR GARY LEE & SANDRA L	4-CC15-52
B	DREXLER SALVATORE R & MARY M	4-CC15-64
C	DREXLER RENEE;MCDONAL HEATHER (LE-SAL& MARY M. DREXLER)	4-CC15-42.3
D	DREXLER RENEE;MCDONAL HEATHER (LE-SAL& MARY M. DREXLER)	4-CC15-42.2
E	YODER MELVIN A	4-CC15-43
F	BARNHART DANIEL (LC-WILLIAM & VICKY L HERCULES)	4-CC15-45
G	RIHEL MARK ANTHONY; DAVID RICHARD;WILLIAM MARTIN JR	4-CC15-27
H	GALIANO WILLIAM D & SHERRY L	4-CC19-95
I	MCQUILLIAN PAUL MATTHEW L C	4-CC19-93
J	GALIANO WILLIAM D & SHERRY L	4-CC19-92
K	FURDA MARLENE & BULLOCK JAMES & MARK	4-CC19-97
L	BALLATO NICK & CHRISTOPHER	4-CC19-102
M	MARCUM HATTIE	4-C19K-54

ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER	TAX PARCEL
N	KIMBALL LAWRENCE	4-C19K-55
O	KIMBALL LAWRENCE	4-C19K-56
P	KIMBALL LAWRENCE	4-CC19-104
Q	OSETEK JOSEPH	4-C19K-53
R	NORFOLK & WESTERN RR	4-CC19-105
S	NICKOLES CAROL L	4-CC19-129
T	NORFOLK & WESTERN RR	4-CC19-105
U	SHIMKO LORI A & JOHN (JTWS) (L EST EST)MCLAIN PATRICIA A	4-C19P-45
V	PEPE TODD A;MITCHELL MICHELE R (LE-FRANCES D PEPE)	4-C19P-46
W	NELSON MARILYN L	4-C19P-47
X	CHERIPKO HELEN & ELAINE MARCUM JTWS	4-C19P-48
Y	CLARK TODD	4-CC23-51.23
Z	WILLEY MELINDA	4-CC23-51.24
AA	HART TED JR & RUTH B	4-CC23-51.4
AB	BRAHO JOSEPH M & MCGOWAN KATELYN N (JTWS)	4-CC23-66
AC	BURCH AMY J	4-CC23-67
AD	HENTHORN WILLIAM E	4-CC23-71.1
AE	WILLEY FAMILY IRREVOC TRUST 2/24/2022	4-CC23-73
AF	WILLEY FAMILY IRREVOC TRUST 2/24/2022	4-CC23-74
AG	PHILLIPS KEVIN CHARLES & HEATHER LEE (SURV)	4-CC23-74.1
AH	SPERLAZZA MARVIN P & LYNN A (SURV)	4-CC23-76
AI	ROGERSON CRYSTAL M & THOMAS E JR	4-CC23-77
AJ	NORTHVIEW PROPERTIES LLC	4-CC23-78.1
AK	HAUGHT JOSEPH B & LISA ANN (SURVIVORSHIP)	4-CC23-79
AL	SCHWERTFEGER NORMAN	4-CC23-80
AM	SCHWERTFEGER NORMAN ALAN & JEANNIE KAYE (JTWS)	4-CC23-82
AN	MEADE STEPHEN M & JACKIE D	4-CC23-83
AO	PATTERSON JAMES R	4-CC23-84
AP	PATTERSON JAMES R	4-CC23-85
AQ	GRIFFITH ROBERT ALLEN	4-CC23-101
AR	FERGUSON JENNIFER & JESSICA	4-CC23-100
AS	ROBINSON ROBERT A & JACLYN JO (SURV)	4-CC23-99
AT	HUBBARD SAMUEL H & SHELBA J (JTWS)	4-CC23-86.2
AU	ROBINSON ROBERT A & JACLYN JO (SURV)	4-CC23-86.1
AV	FELL HOWARD F	4-CC23-87
AW	HUBBARD SAMUEL H & SHELBA J (SURV)	4-CC23-88
AX	BEIHL ELWOOD F JR & PATRICIA J (SURV)	4-CC23-97
AY	MCDONOUGH JEFFREY R & ROTHWELL CHARLOTTE D (SURV)	4-CC23-89
AZ	MCDONOUGH JEFFREY R & ROTHWELL CHARLOTTE D (SURV)	4-CC23-90
BA	COOPER MARK H	4-CC23-92
BB	LYKE ANNABELLE	4-CC23-330
BC	LYKE ANNA BELLE	4-CC23-329
BD	WILSON MARK & BONNIE (JTWS)	4-CC23-332
BE	MCGOWAN CLARENCE L & KATHERINE A (SURV)	4-CC23-336
BF	SADLER JEROMY R & ASHLEY N (JTWS)	4-CC23-338
BG	MORGAN RALPH E & BERT M	4-CC23-339
BH	MORGAN RALPH M & BERT M	4-CC23-340
BI	EDWARDS MATTHEW H	3-B23S-4.1
BJ	FRESHWATER ROBERT LEE	3-B23S-6
BK	HANLON MARLA J	3-B23S-19
BL	WOODS RYAN J & KYLE B (SURV) (LE-MARK WOODS)	3-B23S-27
BM	REMOVED	REMOVED
BN	ELSON WILLIAM KEITH, ET AL.	3-B28D-59
BO	FRANKLIN CEMETERY ASSN	3-B28D-62

01/23/2026

REVISIONS:	COMPANY: expand		
	OPERATOR'S: GERALD GOURLEY BRK		
	WELL #: 47-009-00346 6H		
	DISTRICT: CROSS CREEK	COUNTY: BROOKE	STATE: WV
	DATE: 05-08-2025		API NO: 47-009-00346
	DRAWN BY: Z. WOOD		SCALE: N/A
	DRAWING NO: 2024-1300		WELL LOCATION PLAT

As-Drilled

ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER	TAX PARCEL
BP	MILLER JENNY L & JAMES T MCCARTY (LE)	3-B28D-63
BQ	POTTER ELIZABETH A	3-B28D-64
BR	POTTER ELIZABETH ANN	3-B28D-65
BS	BENSON ANTHONY	3-B28-51
BT	JUSTICE GREGORY MICHAEL & MARY ALICE MALONEY (LE)	3-B28-52
BU	COEN CORINNA A	3-B28-53
BV	SCHUBBACH CHARLES EDWARD	3-B28-55
BW	HANCHER ERIC; GLASURE CHARLOTTE (SURV)	3-B28-54
BX	EATON JANICE	3-B28-56
BY	HANCHER ERIC DAVID	3-B28-57
BZ	KNORR BERNARD JOHN III (L EST) KNORR BERNARD J JR % RUBY F	3-B28-57.1
CA	BROOKE COUNTY PARK COMMISSION	3-B28-64
CB	PARK & RECREATION COMMISSION	3-B28-65
CC	COPERICH RICHARD M & BELINDA A (JTWS)	3-B29J-24
CD	COPERICH RICHARD M & BELINDA A (JTWS)	3-B29J-23
CE	NIEMAN GREGORY DEAN & LAUREL ANN (SURV)	3-B29J-22
CF	NIEMAN GREG & LAUREL	3-B29J-21
CG	NIEMAN GREG & LAUREL	3-B29J-20
CH	RADVANSKY JOHN	3-B29J-19
CI	RADVANSKY JOHN G	3-B29J-18
CJ	RADVANSKY JOHN G	3-B29J-17
CK	LILLY WILLIAM J & KRISTA A (SURV)	3-B29J-16
CL	LEES MARK D & MERLINDA L (SURV)	3-B29J-6
CM	SEBECK RONALD J (TOD) MARLENE E 50 %	3-B29E-20
CN	SEBECK MARLENE E (TOD) SEBECK RONALD J 50%	3-B29E-21
CO	CARUSO ELIZABETH A	3-B29E-22
CP	CARUSO ELIZABETH A	3-B29E-23
CQ	CARUSO ELIZABETH A	3-B29E-18
CR	GIBSON EDWARD R & JOYCE C SURV	3-B29E-17
CS	TAYLOR RICHARD W & TERESA R (SURV)	3-B29E-16
CT	3-B29E-15	3-B29E-15
CU	DEMARK GREG C	3-B29E-14
CV	RIGGS DAVID & PATTI J (SURV)	3-B29E-13
CW	SALVINI MATTHEW J & TONYA D	3-B29E-12
CX	COPPA SILVERIO G & DORIS E (SURV)	3-B29E-4
CY	RADICK RONALD R & CHRISTINE (SURV)	3-B29E-3
CZ	DAYTON-WHITLATCH AMITY LAEL	3-B29E-2
DA	BALLATO CHRISTOPHER A & RUTH V (SURV)	4-CC29-98
DB	BALLATO CHRISTOPHER & RUTH (SURV)	4-CC29-95
DC	BALLATO CHRISTOPHER & RUTH (SURV)	4-CC29-94
DD	BALLATO CHRISTOPHER & RUTH (SURV)	4-CC29-93
DE	WARCHOLAK MEGHAN E	4-CC29-81
DF	JEFFRIES DIANA	4-CC29-80
DG	JEFFRIES DIANA	4-CC29-79
DH	FERGUSON WALTER & EDITH	4-CC29-78
DI	FREE METHODIST CHURCH	3-B29-4
DJ	FERGUSON JASON G	4-CC29-76
DK	RALSTON CHARLES L & SANDRA	4-CC29-5
DL	RALSTON CHARLES L & SANDRA	4-CC29-4
DM	BOARD OF EDUCATION - BROOKE COUNTY	4-CC29-3
DN	THE BROOKE COUNTY PARK & RECREATION	3-B29-2
DO	DEGARMO MARY K HERVEY	3-B29-1
DP	BERDINE KATHY L	4-CC29-1
DQ	MOORE MICHAEL A II & MOORE KIMBERLYL (JTWS)	4-CC28-11
DR	FRANKLIN METHODIST CHURCH	4-CC28-10
DS	LANCASTER DAVID	4-CC28-9
DT	LANCASTER DAVID	4-CC28-8
DU	ARBOGAST WILLIAM & GRACIE E	4-CC28-7
DV	FRANKLIN CEMETERY ASSOCIATION	3-B28D-67
DW	MCDANIEL RODNEY R & ROSEMARY	3-B23S-31
DX	SMITH CAROLYN J TOD	3-B23S-32
DY	BROWN IRREVOCABLE TRUST 11/18/17 ALAN & SUSAN	3-B23S-24
DZ	BROWN IRREVOCABLE TRUST 11/18/17 ALAN & SUSAN	3-B23S-23
EA	REMOVED	REMOVED
EB	LARTER DAVID H	4-CC23-415
EC	VISYAK PATRICIA M	4-CC24-83

ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER	TAX PARCEL
ED	HUBBARD SAMUEL H & SHELBA	4-CC23-411
EE	HUBBARD SAMUEL H & SHELBA J (JTWS)	4-CC23-410.1
EF	KEMP BRENDA J	4-CC23-347
EG	REMOVED	REMOVED
EH	MERCER RICHARD LEE & MARGARET ANN	4-CC23-349
EI	YOST CLARA E	4-CC23-328
EJ	SILVER CHARLES; HALSTEAD DONNA LIVINGOOD SHERRY (1/3)	4-CC23-327
EK	THOMPSON DEBRA J	4-CC23-319
EL	BANNEN JOHN J	4-CC23-317
EM	HUBBARD SAMUEL	4-CC23-318
EN	BARONIO CURTIS R & DONNA J	4-CC23-321
EO	WEST VIRGINIA ST OF BUREAU OF COMM DIV OF NAT RES PB LC CORP	4-CC23-325
EP	MENEELY BOBBIE JO; MINICH RANDALL	4-CC23-324
EQ	CARBASHO THOMAS & CALDWELL TINA	4-CC23-323
ER	BLACK CLARENCE T JR & TAMMY L	4-CC19-186
ES	SAYTOR CHARLES J JR	4-CC19-187
ET	MARINO WILLIAM & MILDRED T	4-CC19-190
EU	MARINO WILLIAM & MILDRED T	4-CC19-190
EV	ZINK SANDRA DEMARK	4-CC19-145
EW	STATE OF WEST VIRGINIA BUREAU OF COMMERCE DIV OF NAT RESOURC	4-CC19-168
EX	BLAKE LONNIE F	4-CC19-139
EY	CLARK RUSSELL A JR	4-CC19-138
EZ	MACHEN KAREN L	4-CC19-137
FA	DOBBS CYNTHIA & STEVEN	4-CC19-136
FB	DOBBS CYNTHIA & STEVEN	4-CC19-135
FC	VEMURI HOME & GARDEN LLC	4-CC19-133
FD	MACHEN JODIE	4-CC19-132
FE	COEN DARRELL J JR	4-CC19-131
FF	TEMPLE LLOYD	4-CC19-107
FG	RYAN JOSEPH M & BOBBI J (JTWS)	4-CC19-125.1
FH	RYAN JOSEPH M & BOBBI J (JTWS)	4-CC19-124.1
FI	RYAN JOSEPH M & BOBBI J	4-CC19-123
FJ	PARR SARAH ELIZABETH	4-CC19-119
FK	BUCY GERALD L SR & CONSTANCE F	4-CC19-117.1
FL	HOBBS JOYCE ET AL	4-CC19-111
FM	BROOKE COUNTY PARK ASSOCIATION	3-B28-67
FN	BONGIORNI TIMOTHY & PENNY M (SURV)	4-CC23-343
FO	MORGAN RALPH E & BERT M	4-CC23-341
FP	HARTLINE JAMES DAVID & MARIETTA	3-B23S-20
FQ	WALDEN WM K & FLORENCE A (TOD) & BURNS LESLIE & WALDEN KENNETH	3-B23S-29

01/23/2026

REVISIONS:	COMPANY: 		
	OPERATOR'S GERALD GOURLEY BRK		DATE: 05-08-2025
	WELL #: 9-60346 6H		API NO: 47-009-00346
	DISTRICT: CROSS CREEK	COUNTY: BROOKE	DRAWN BY: Z. WOOD
		STATE: WV	SCALE: N/A
			DRAWING NO: 2024-1300
			WELL LOCATION PLAT