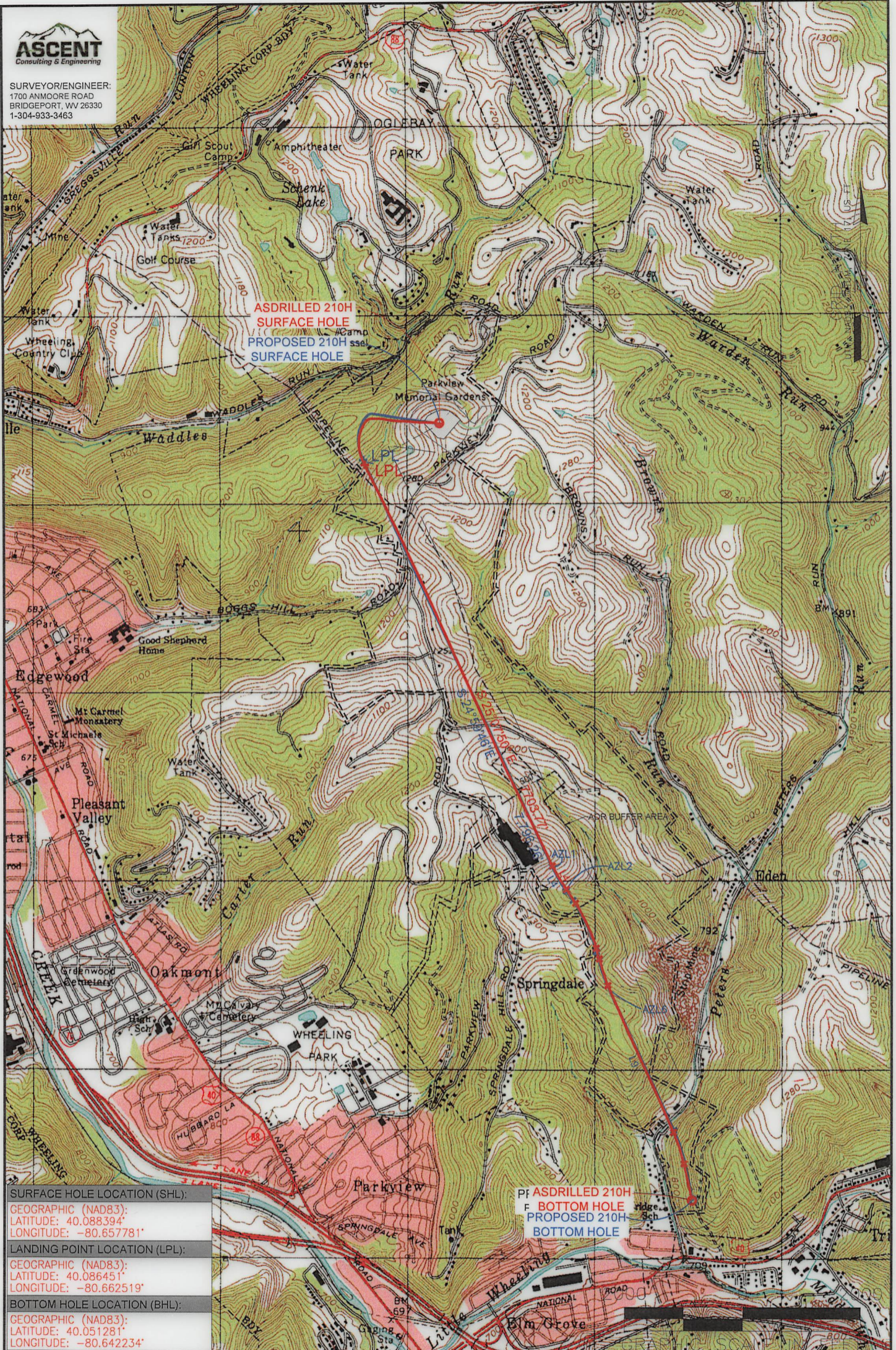




SURVEYOR/ENGINEER:
1700 ANMOORE ROAD
BRIDGEPORT, WV 26330
1-304-933-3463



SURFACE HOLE LOCATION (SHL):
GEOGRAPHIC (NAD83):
LATITUDE: 40.088394°
LONGITUDE: -80.657781°

LANDING POINT LOCATION (LPL):
GEOGRAPHIC (NAD83):
LATITUDE: 40.086451°
LONGITUDE: -80.662519°

BOTTOM HOLE LOCATION (BHL):
GEOGRAPHIC (NAD83):
LATITUDE: 40.051281°
LONGITUDE: -80.642234°

Pf ASDRILLED 210H
F BOTTOM HOLE
PROPOSED 210H
BOTTOM HOLE

NOTES ON SURVEY

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

LEGEND:

- PROPOSED SURFACE HOLE / BOTTOM HOLE
- ☼ EXISTING / PRODUCING WELLHEAD
- LPL X LANDING POINT LOCATION
- Ⓜ EXISTING WATER WELL
- Ⓢ EXISTING SPRING

- 09/15/2023
 - DRILLING UNIT
 - LEASE BOUNDARY
 - ASDRILLED PATH
 - PROPOSED PATH
 - DHP BUFFER
- 400' 1,500' 3,000'

WELL OPERATOR: SWN PRODUCTION COMPANY, LLC	WELL (FARM) NAME: SHANNON FIELDS OHI	WELL # 210H	SERIAL # XXXX
ADDRESS: 1300 FORT PIERPONT DRIVE, SUITE 201	COUNTY - CODE OHIO - 35	DISTRICT; RICHLAND	
SURFACE OWNER: SHANNON FIELDS, LLC	USGS 7 1/2 QUADRANGLE MAP NAME WHEELING, WV		

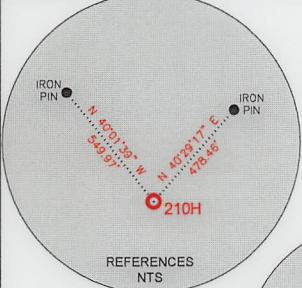
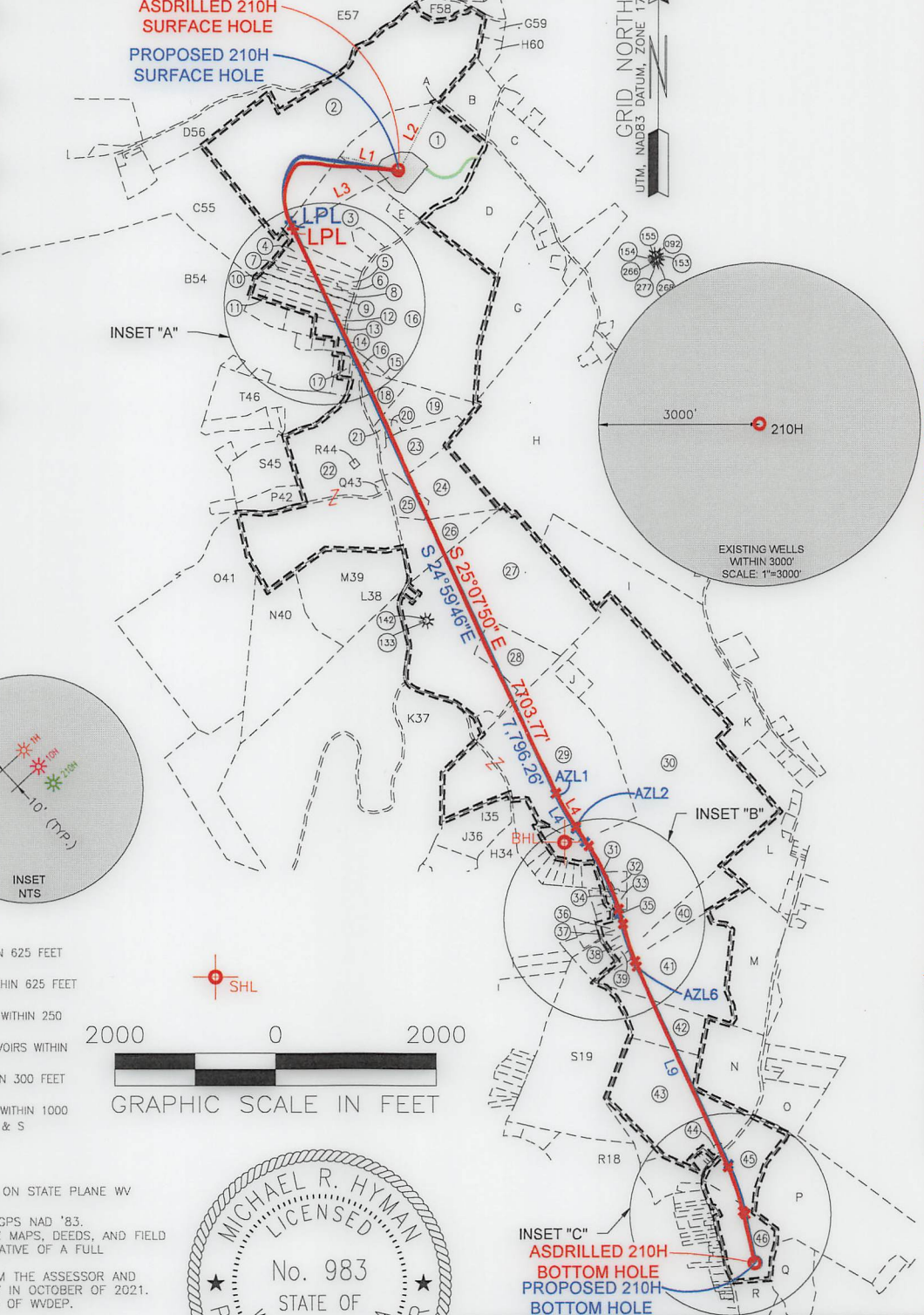


SURVEYOR/ENGINEER:
1700 ANMOORE ROAD
BRIDGEPORT, WV 26330
1-304-933-3463

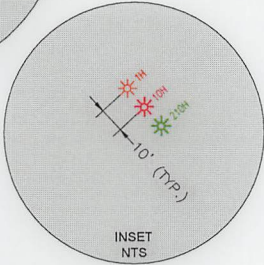
LINE	BEARING	DISTANCE	DESCRIPTION	MONUMENT
L1	N 76°23'22" W	761.25'	SHL TO LANDMARK	STONE FOUND
L2	N 26°42'58" E	958.48'	SHL TO LANDMARK	CONCRETE MONUMENT

LATITUDE: 40°07'30" SURFACE HOLE 9,169' BOTTOM HOLE 4,823'

SURFACE HOLE LOCATION (SHL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,437,624.262 EASTING: 529,174.040
LANDING POINT (LPL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,437,407.116 EASTING: 528,770.941
BOTTOM HOLE LOCATION (BHL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,433,510.188 EASTING: 530,515.961
SURFACE HOLE LOCATION (SHL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,437,623.793 EASTING: 529,174.074
LANDING POINT (LPL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,437,432.881 EASTING: 528,761.965
BOTTOM HOLE LOCATION (BHL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,433,511.331 EASTING: 530,519.104



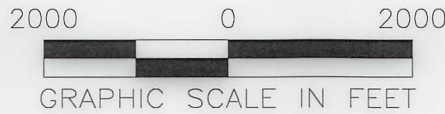
REFERENCES
NTS



INSET
NTS

WELL RESTRICTIONS

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



NOTES ON SURVEY

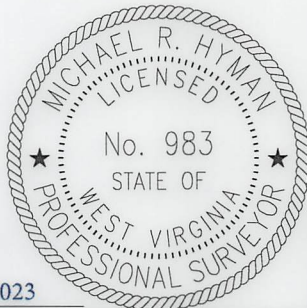
- TIES TO WELLS AND CORNERS ARE BASED ON STATE PLANE WV NORTH ZONE NAD '83.
- WELL LAT./LONG ESTABLISHED BY DIRECT GPS NAD '83.
- BOUNDARIES SHOWN ARE TAKEN FROM TAX MAPS, DEEDS, AND FIELD SURVEY. THIS DRAWING IS NOT REPRESENTATIVE OF A FULL BOUNDARY SURVEY.
- SURFACE OWNER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF OHIO COUNTY IN OCTOBER OF 2021.
- WELLS SHOWN ARE TAKEN FROM RECORDS OF WDPEP.

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 WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION.

P.S. 983

Michael R. Hyman

04/12/2023



COMPANY:

SWN

SWN

Production Company, LLC

Production Company™



(+) = T = -TI = 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)

SHANNON FIELDS OHI
OPERATOR'S WELL #: 210H
API WELL #: 47 STATE 069 COUNTY 00334 PERMIT

WELL TYPE: OIL WASTE DISPOSAL PRODUCTION DEEP GAS LIQUID INJECTION STORAGE SHALLOW

WATERSHED: UPPER OHIO SOUTH ELEVATION: 1235.8
DISTRICT: RICHLAND COUNTY: OHIO QUADRANGLE: WHEELING 7.5', WV
SURFACE OWNER: SHANNON FIELDS, LLC ACREAGE: ±35.07
OIL & GAS ROYALTY OWNER: SHANNON FIELDS, LLC ACREAGE: ±35.07

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: 6,091.15/2023 MDM

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

LEGEND:

	PROPOSED SURFACE HOLE / BOTTOM HOLE		SURVEYED BOUNDARY
	EXISTING / PRODUCING WELLHEAD		DRILLING UNIT
	LANDING POINT LOCATION		LEASE BOUNDARY
	EXISTING WATER WELL		ASDRILLED PATH
	EXISTING SPRING		PROPOSED PATH
			DHP BUFFER

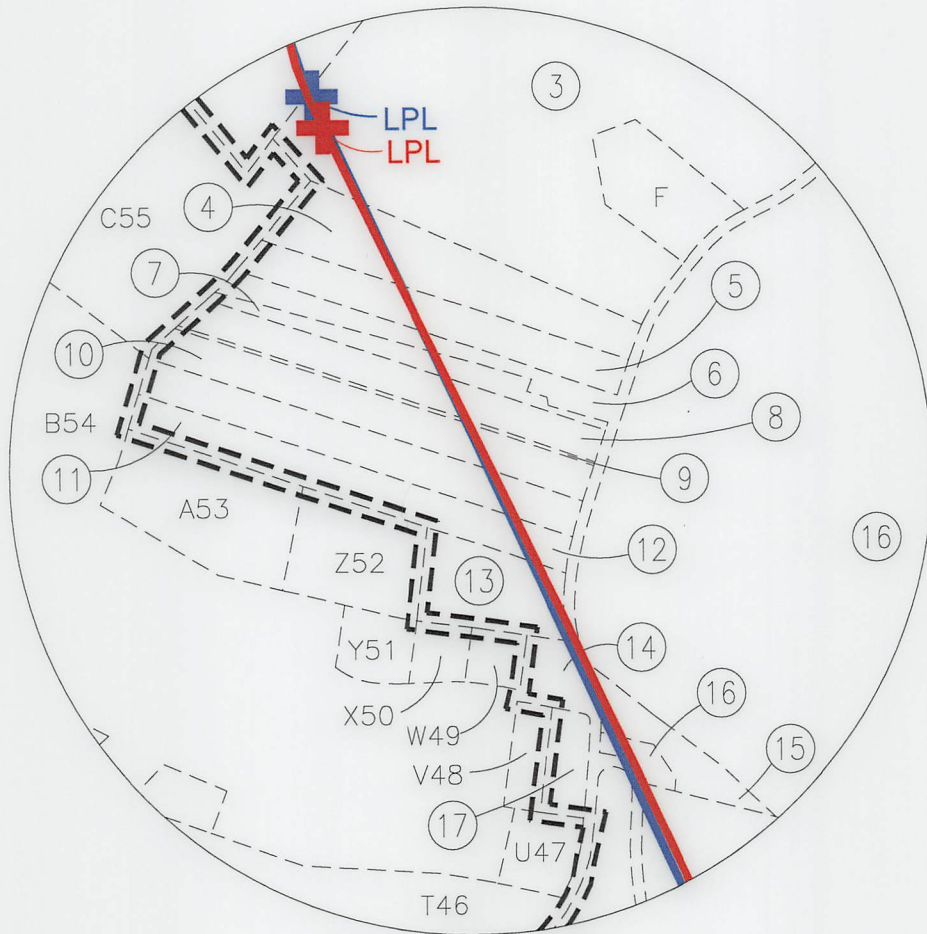
400' 1,500' 3,000'

REVISIONS:	DATE: 04/12/2023
	DRAWN BY: TMF
	SCALE: 1" = 2000'
	DRAWING NO: ACE-2326
	WELL LOCATION PLAT

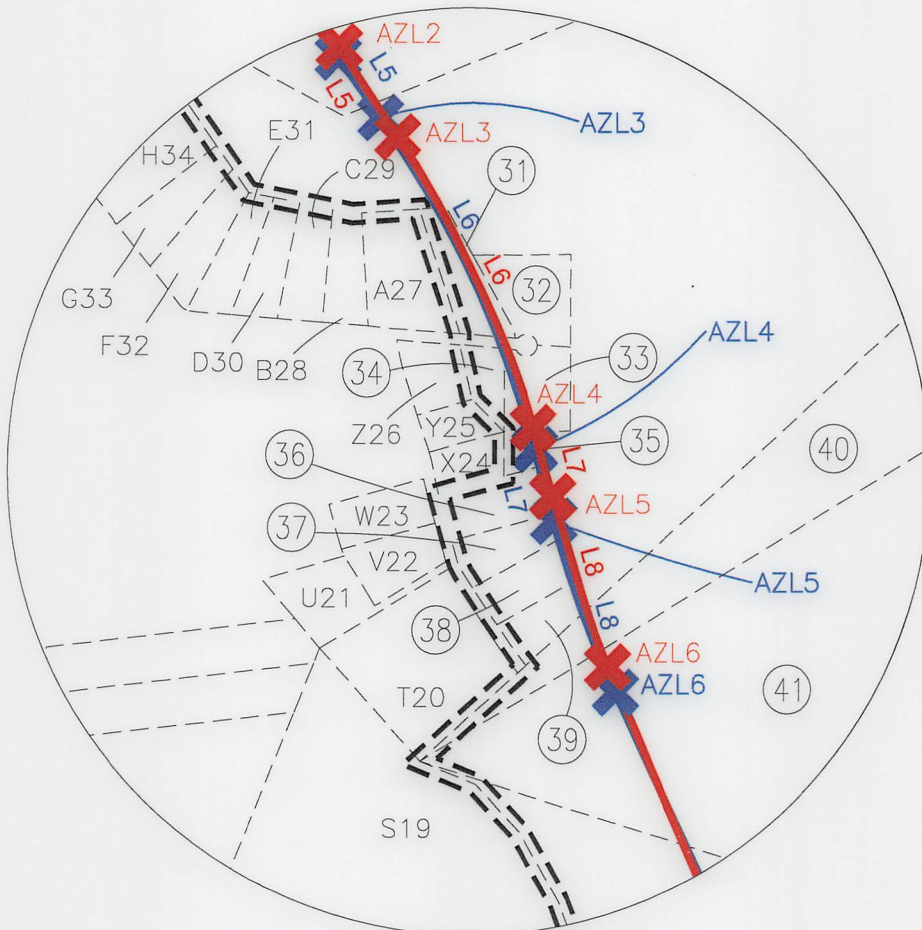
LONGITUDE: 80°37'30" SURFACE HOLE 13,334' BOTTOM HOLE 11,675'



SURVEYOR/ENGINEER:
1700 ANMOORE ROAD
BRIDGEPORT, WV 26330
1-304-933-3463



BLOW UP INSET A
SCALE: 1"=500'



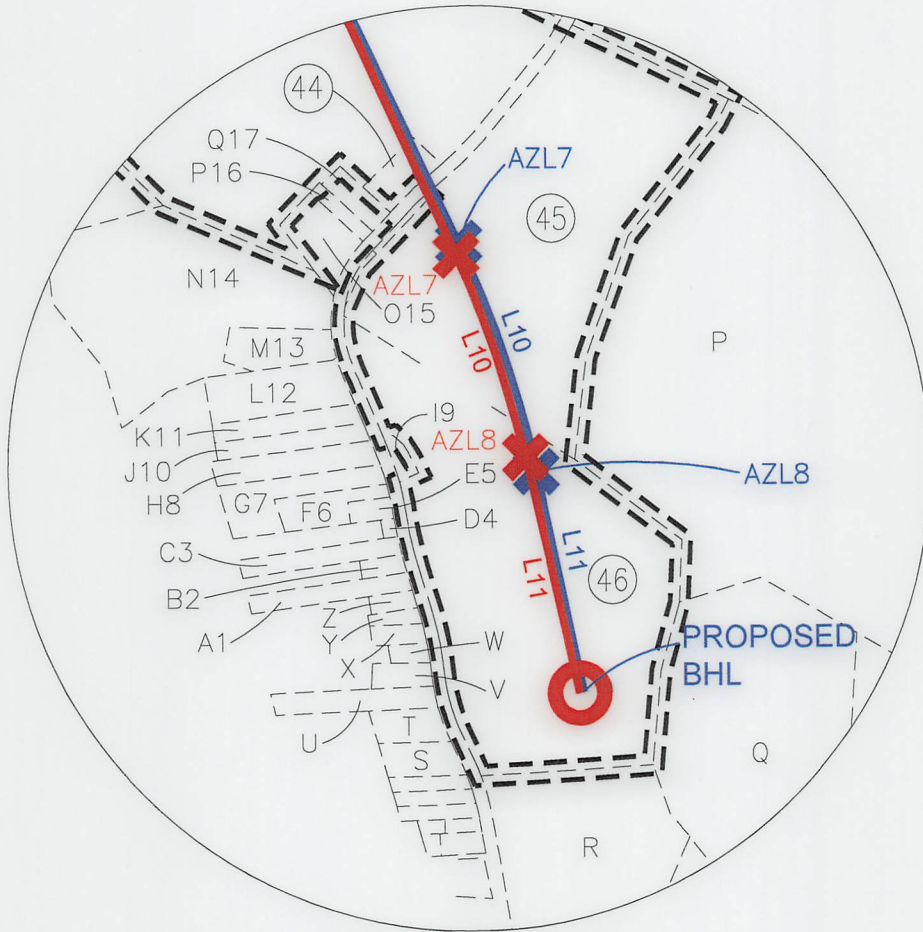
BLOW UP INSET B
SCALE: 1"=500'

09/15/2023

REVISIONS:	COMPANY:				
	OPERATOR'S				SHANNON FIELDS OHI
	WELL #:		210H		DATE: 04/12/2023
	DISTRICT:	COUNTY:	STATE:	DRAWN BY: TMF	
RICHLAND	OHIO	WV	SCALE: N/A		
			DRAWING NO: ACE-2326		
			WELL LOCATION PLAT		



SURVEYOR/ENGINEER:
1700 ANMOORE ROAD
BRIDGEPORT, WV 26330
1-304-933-3463



BLOW UP INSET C
SCALE: 1"=500'

LINE	BEARING	DISTANCE	CURVE LENGTH	DESCRIPTION
L3	S 61°41'20" W	1502.18'	2158.93'	SHL TO LPL
L4	S 30°44'19" E	480.30'	480.45'	AZL1 TO AZL2
L5	S 33°15'35" E	289.83'	289.83'	AZL2 TO AZL3
L6	S 25°09'50" E	864.42'	868.11'	AZL3 TO AZL4
L7	S 16°00'05" E	192.88'	192.88'	AZL4 TO AZL5
L8	S 17°59'02" E	481.56'	482.55'	AZL5 TO AZL6
L9	S 24°20'51" E	2795.58'	2795.58'	AZL6 TO AZL7
L10	S 18°35'15" E	577.00'	578.02'	AZL7 TO AZL8
L11	S 12°41'19" E	651.71'	651.71'	AZL8 TO BHL

LINE	BEARING	DISTANCE	CURVE LENGTH	DESCRIPTION
L3	S 65°08'38" W	1,490.09'	2,196.98'	SHL TO LPL
L4	S 29°59'53" E	499.27'	499.91'	AZL1 TO AZL2
L5	S 34°59'55" E	199.91'	199.91'	AZL2 TO AZL3
L6	S 25°05'35" E	986.25'	990.66'	AZL3 TO AZL4
L7	S 15°11'00" E	200.26'	200.26'	AZL4 TO AZL5
L8	S 20°03'20" E	488.67'	489.27'	AZL5 TO AZL6
L9	S 24°55'41" E	2,698.71'	2,698.71'	AZL6 TO AZL7
L10	S 18°24'51" E	649.64'	650.50'	AZL7 TO AZL8
L11	S 11°53'59" E	607.67'	607.67'	AZL8 TO BHL

09/15/2023

REVISIONS:	COMPANY:			DATE: 04/12/2023
	OPERATOR'S	SHANNON FIELDS OHI		DRAWN BY: TMF
	WELL #:	210H		SCALE: N/A
	DISTRICT:	COUNTY:	STATE:	DRAWING NO: ACE-2326
	RICHLAND	OHIO	WV	WELL LOCATION PLAT



SURVEYOR/ENGINEER:
1700 ANMOORE ROAD
BRIDGEPORT, WV 26330
1-304-933-3463



WELL BORE TABLE FOR SURFACE/ROYALTY OWNERS		
TRACT	SURFACE OWNER (S)/ROYALTY OWNER (R)	TAX PARCEL
1	SHANNON FIELDS, LLC (S/R)	4-R17-23.2
TRACT	SURFACE OWNER	TAX PARCEL
2	PARK VIEW MEMORIAL GARDENS, INC.	4-R17-8
3	NADA E. BENEKE, ET AL	4-R17-19
4	CRAIG V. & EMMA L. OLEARY	4-R17-17
5	JERMEY A. SCHREIBER & ELIZABETH PHILBRICK	4-R17-16
6	GUNTHER F. & M.E. HEMPELMAN	4-R17-14
7	COLUMBIA GAS TRANSMISSION CORP.	4-R17-15
8	GUNTHER F. & M.E. HEMPELMAN	4-R17-13
9	CARL D. III & JOLIN H. BURKLAND	4-R17-13.1
10	CARL D. III & JOLIN H. BURKLAND	4-R17-12
11	HARRY S. & BARBARA J. FISHER	4-R17-11
12	HARRY S. & BARBARA J. FISHER	4-R17-11.1
13	MATTHEW & VICTORIA GOMPERS	4-R17-10.2
14	SHASHI R & MONISHA URVAL	6-T2J-1
15	RICHARD P. & KIM M. CARTER	4-R17-23.1
16	RICHARD P. CARTER	4-R17-23.3
17	DAVID N. GAUDINO & ANN C. HOGE	6-T2J-2
18	ERICA D. & WARREN C. III WILCOX	6-T2-14
19	RODD A. & LISA R. FRANKE	6-T2-15.3
20	RODD A. & LISA R. FRANKE	6-T2-15.4
21	MICHAEL W. WILHELM	6-T2-15
22	CATHOLIC DIOCESE OF WHEELING - CHARLESTON	6-T2-11
23	DONALD G. & BECKY J. VILLANOVA	6-T2-15.2
24	DONALD G. & BECKY J. VILLANOVA	6-T2-16
25	LUANN & ARTHUR W. Jr. DANEHART	6-T2-16.1
26	LUANN & ARTHUR W. Jr. DANEHART	6-T2-16.2
27	WHEELING PARK COMMISSION	6-T7-95
28	BOARD OF EDUCATION	10-W56-1
29	BOARD OF EDUCATION	10-W56-2
30	FRANCES L. BRADEN - IRREVOC TRUST	6-T7-97
31	KENNETH & STEPHANIE SPENCER	6-T7-67.6
32	JONATHAN BRUCE WHARTON	6-T7-97.3
33	KEITH A. & WENDY J. POOLE	6-T7-97.2
34	W. C. & K. D. HAUGHT	6-T7-67.14
35	FRANCES L. BRADEN	6-T7-67
36	THOMAS L. & DONNA LYNNE FOLMAR	6-T7-67.18
37	WILLIAM O. IV & CANDICE M. LEWIS	6-T7-67.19
38	TODD M. & JENNY S. SCHIRTZINGER	6-T7-67.17
39	CHAD W. & REBECCA L. BROADWATER	6-T7-67.16
40	JAMES D. Jr. & CAROLINE K. MILLER	6-T7-117.2
41	JAMES D. Jr. & CAROLINE K. MILLER	6-T7-117.1
42	JAMES D. Jr. & CAROLINE K. MILLER	6-T7-117.3
43	PETERS RUN LAND Co., INC	6-T7-119
44	JOHN BUCHANAN	6-T7-121
45	JAY A. & LISA P. POWELL	6-T7-157
46	JANET NOEL	6-T7-126.3

ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER	TAX PARCEL
A	EARL P. HUFFNER	4-R17-24.1
B	JAMES R. MULL	4-R17-24
C	ROBERT W. MINCH, Jr. & HERBERT P. MINCH	4-R17-57
D	RUTH CARTER LEWIS, REVOCABLE TRUST	4-R17-23
E	NADA E. BENEKE	4-R17-22
F	THOMAS J. & MICHELLE N. JOHN	4-R17-20
G	CHARLES & DOLORES MONFRADI	4-R17-58
H	TIMMY B. & AMY L. MINCH	6-T2-18
I	WILLIAM A. & CYNTHIA ORUM	6-T7-178
J	DONALD A. & RHONDA L. BRADEN	6-T7-97.1
K	RALPH L., II & MELISSA E. FRITTER	6-T7-111
L	JAMES D., Jr. & CAROLINE K. MILLER	6-T7-112
M	JAMES D., Jr. & CAROLINE K. MILLER	6-T7-117
N	PETERS RUN LAND Co., INC.	6-T7-118
O	DANIEL F. OCH	6-T7-156

ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER	TAX PARCEL
P	LUCKY FARMS, LLC	6-T12-5
Q	BDDE PROPERTIES, LLC	6-T12-4
R	PAJASA LIMITED LIABILITY Co.	6-T12-2.1
S	OHIO VALLEY REALTY COMPANY	6-T12B-13.1
T	OHIO VALLEY REALTY COMPANY	6-T12B-13
U	JOYCE A. TSORAS	6-T12B-12
V	MARK D. PANEPINTO	6-T12B-11
W	MICHAEL M. & CATHY McCULLEY	6-T12B-8
X	MARY L. QUIGLEY	6-T12B-7
Y	DENNIS THORN	6-T12B-6
Z	JEFFERY D. GIUSTINIANI & JAMACA S. DOFKA	6-T12B-4
A1	TABATHA WILSON	6-T12B-3
C3	DENNIS R. THORN, ET AL	6-T12B-1
D4	JEFFREY D. & FRANCES M. MCKENZIE	6-T12B-1.1
E5	GRETA M. GATES & R. A. FOOSE	6-T7-133
F6	SCOTT R. STEWART & MICHELLE L. NICHOLSON	6-T7-132
G7	HAROLD H. & MARY K. BELL	6-T7-131
H8	CHRISTINA M. MARTIN	6-T7-130
I9	POPCORN PROPERTIES, LLC	6-T7-126.1
J10	ROGER L. KENT, Jr.	6-T7-129.1
K11	ROGER L. KENT, Jr.	6-T7-129
L12	CARL W. & CHRISTINE S. McCARDLE	6-T7-128
M13	CARL W. McCARDLE	6-T7-127
N14	JOSEPHINE L. TAGGART	6-T7-125
O15	CHRISTINE M. POWELL	6-T7-124
P16	JAYME E. TIMBERLAKE	6-T7-123
Q17	JOHN BUCHANAN	6-T7-122
R18	PETERS RUN LAND Co., INC.	6-T7-125.1
S19	JOSEPHINE L. TAGGART	6-T7-125
T20	JAMES D., Jr. & CAROLINE K. MILLER	6-T7-67.1
U21	JOHN P. & MEREDITH L. TRISCHLER	6-T7-75.4
V22	JOHN P. & MEREDITH L. TRISCHLER	6-T7-75.3
W23	JOHN P. & MEREDITH L. TRISCHLER	6-T7-75.2
X24	KEVIN L. & MICHELLE J. HEILMAN	6-T7-67.15
Y25	RYAN P. & MICHELLE M. HUNKER	6-T7-67.20
Z26	SCOTT L. & DEANNA L. NESTOR	6-T7-67.3
A27	GERALD & ROSETTA J. BISCHOF	6-T7-67.7
B28	DEEDRA DAVIS	6-T7-67.5
C29	RONALD A. & PATRICIA L. ZANDRON	6-T7-67.8
D30	DALE A. & CAROL ANN FORESTER	6-T7-67.9
E31	MARIO B. & LOIS R. JULIAN	6-T7-67.13
F32	BENJAMIN & DANIELLE ELLWOOD	6-T7-67.23
G33	CAYLA J. & MATTHEW D. BLACK	6-T7-67.10
H34	FRANCES L. BRADEN, IRREVOC TRUST	10-W56-3
I35	VINCENET J. MAGNONE	6-T7-6
J36	BRIAN M. HINDERLITER	6-T7-6.4
K37	WHEELING PARK COMMISSION	6-T7-1
L38	WHEELING PARK COMMISSION	6-T2-17
M39	STEPHEN T. & MICHELLE L. VOGRIN	6-T2-13
N40	RCK 2 GROUP, LLC	6-T2-13.1
O41	CATHOLIC DIOCESE OF WHEELING - CHARLESTON	6-T6-1
P42	WM & P.M. HESLOP	6-T2-8
Q43	D.A. & M.R. BECKER	6-T2-10
R44	CITY OF WHEELING	6-T2-11.1
S45	MARGUERITE M. CERRA - TOD	6-T2-7
T46	KAREN A. & VARONE K.J. PACHUTA	6-T2-3
U47	ROBERT J. & TAMI L. SEEVERS, WESBANCO TRUST	6-T2-2
V48	ROY ROGER SMITH - TOD	6-T2J-4
W49	JAMES C. & MARY E. WRIGHT	6-T2J-3
X50	ROBERT B. & K.S. NELSON	6-T2J-5
Y51	MICHAEL J. & SUSAN J. BAKER	6-T2J-7
Z52	MICHAEL J. & SUSAN J. BAKER	4-R17-10
A53	ATTILA A. LENKEY	4-R17-10.1
B54	WHEELING PARK COMMISSION	6-T1-2
C55	WHEELING PARK COMMISSION	4-R17-6.1
D56	GACS LP	10-W27A-1
E57	CITY OF WHEELING	4-R14-15
F58	SAM HINEBAUGH	4-R17-8.1
G59	KENDRA L. TAYLOR	4-R17-59.1
H60	DONALD R. & M.M. EDDY	6-T7-156

09/15/2023

REVISIONS:	

COMPANY:		 	
OPERATOR'S		SHANNON FIELDS OHI	
WELL #:		210H	
DISTRICT:	COUNTY:	STATE:	DATE: 04/12/2023
RICHLAND	OHIO	WV	DRAWN BY: TMF
			SCALE: N/A
			DRAWING NO: ACE-2326
			WELL LOCATION PLAT