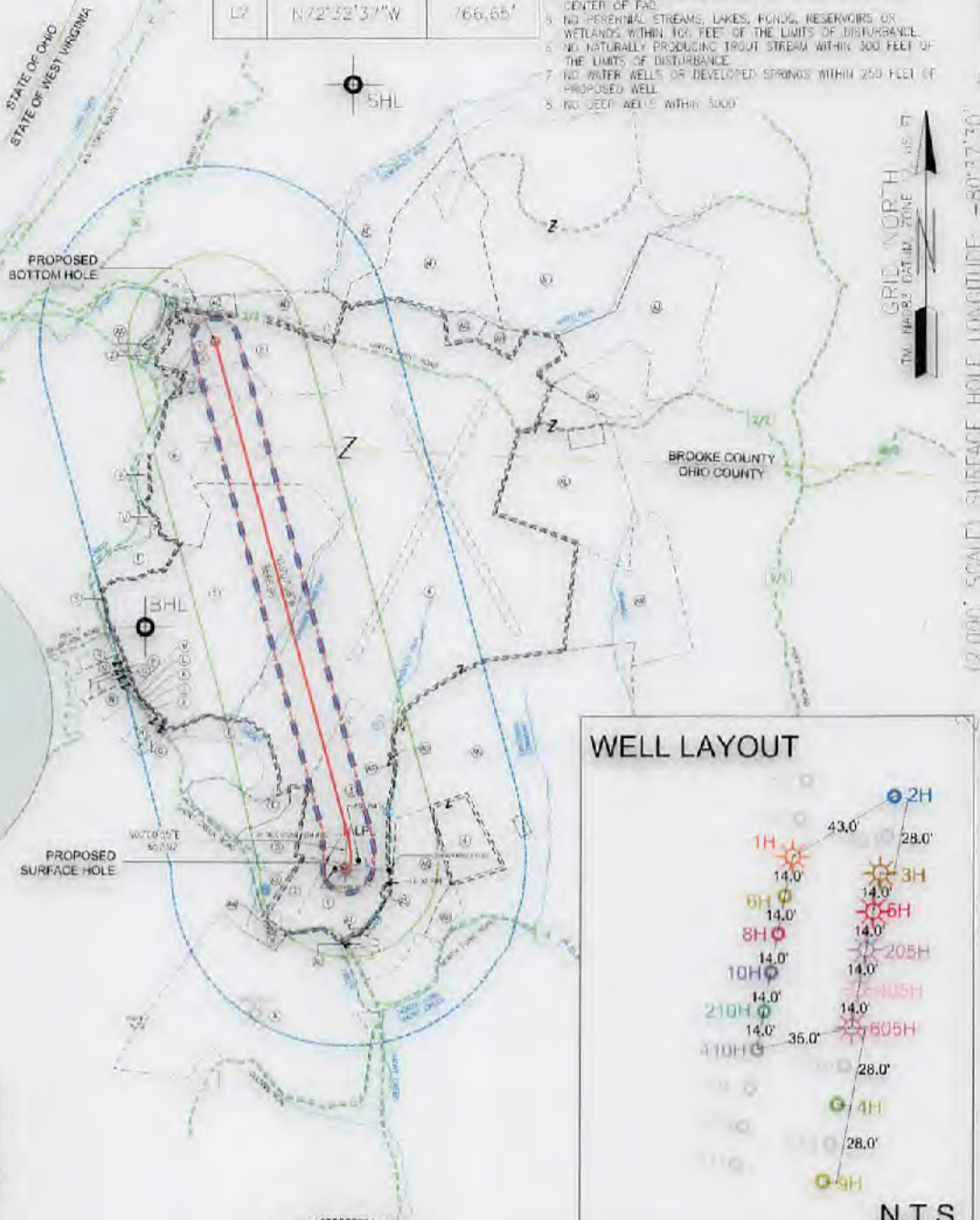


**JHA**  
SURVEYORS  
ENGINEERS  
ENVIRONMENTAL  
GIS MAPPING  
www.jhacompanies.com  
68011 Vineyard Road  
St. Clairsville, Ohio 43950  
740-695-6100



LINE	BEARING	DISTANCE
L1	N89°04'21\"/>	

- NOTES ON SURVEY**
1. COORDINATE SYSTEM IS UTM RAD 83 LAT/UTM, ZONE 17, U.S. FOOT AND WELL COORDINATES ESTABLISHED USING SURVEY GRADE GPS.
  2. 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.
  3. THIS PLAT DOES NOT REPRESENT A BOUNDARY SURVEY OF THE PARCELS SHOWN HEREON.
  4. NO DWELLINGS OR BUILDINGS WITHIN 625 FEET OF PROPOSED CENTER OF PAD.
  5. NO RESIDENTIAL STREAMS, LAKES, PONDS, RESERVOIRS OR WETLANDS WITHIN 100 FEET OF THE LIMITS OF DISTURBANCE.
  6. NO NATURALLY PRODUCING FROST STREAMS WITHIN 300 FEET OF THE LIMITS OF DISTURBANCE.
  7. NO WATER WELLS OR DEVELOPED SPRINGS WITHIN 250 FEET OF PROPOSED WELL.
  8. NO DEEP WELLS WITHIN 500'



<b>SURFACE HOLE LOCATION (SHL):</b> UTM (NAD83, ZONE 17, METERS): NORTHING: 4445444.87 EASTING: 529682.80
<b>LANDING POINT LOCATION (LPL):</b> UTM (NAD83, ZONE 17, METERS): NORTHING: 4445643.82 EASTING: 529579.51
<b>BOTTOM HOLE LOCATION (BHL):</b> UTM (NAD83, ZONE 17, METERS): NORTHING: 4448131.19 EASTING: 528948.19



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.S. 2041

(+) 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)

COMPANY: **SWN** Production Company, LLC

EDWARD DREMAK UP OHI  
OPERATOR'S WELL #: 2H  
API WELL #: 47 STATE 069 COUNTY 00332 PERMIT

WELL TYPE: OIL WASTE DISPOSAL PRODUCTION X DEEP X GAS X LIQUID INJECTION STORAGE SHALLOW  
WATERSHED: UPPER OHIO SOUTH ELEVATION: 1,087.9'  
DISTRICT: RICHLAND COUNTY: OHIO QUADRANGLE: TILTONVILLE, OH  
SURFACE OWNER: ANDREW JOHN EVICK ACREAGE: ±34.19  
OIL & GAS ROYALTY OWNER: JOANNE V. DREMAK ACREAGE: ±34.19  
DRILL X DRILL DEEPER REDRILL FRACTURE OR STIMULATE X PLUG OFF OLD FORMATION PERFORATE NEW FORMATION  
CONVERT PLUG & ABANDON CLEAN OUT & REPLUG OTHER CHANGE (SPECIFY)  
TARGET FORMATION: POINT PLEASANT UNIT SIZE: 183.683 ACRES ESTIMATED DEPTH: 10,414' TVD 19,458.4' 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 STATE: WV ZIP CODE: 26508 CITY: MORGANTOWN STATE: WV ZIP CODE: 26508



<b>LEGEND:</b> PROPOSED SURFACE HOLE / BOTTOM HOLE EXISTING / PRODUCING WELLHEAD LPL LANDING POINT LOCATION EXISTING WATER WELL EXISTING SPRING	SURVEYED BOUNDARY DAILING UNIT LEASE BOUNDARY PROPOSED PATH DPE BUFFER	REVISIONS: REVISED LEASE BOUNDARY LINE AND SURFACE OWNERS DATE: 08-25-2021 DRAWN BY: R. GRIMES SCALE: 1" = 3000' DRAWING NO: 2018-284 WELL LOCATION PLAT
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WELL BORE TABLE FOR SURFACE / ROYALTY OWNERS		
TRACT	SURFACE OWNER (S) / ROYALTY OWNER (R)	TAX PARCEL
1	ANDREW JOHN EVICK (S) / JOANNE V. DREMAK (R)	04-R5-54
TRACT	SURFACE OWNER	TAX PARCEL
2	JOSEPH W. CRAFT III FOUNDATION	04-R5-53
3	ANDREW JOHN EVICK (S/R)	04-R5-49
4	BOARD OF COMMISSIONERS OHIO COUNTY (S) / CAROLE E. FREELAND, ET AL	04-R5-10
5	S.F.W. TRUST, C/O SHANE E. WOLOSZAN (S)/ S.F.W. TRUST, SHANE E. WOLOSZAN, TRUSTEE (R)	04-R5-9
6	RODNEY K. MCCONNELL & NEDRA C. MCCONNELL (S/R)	04-R2-20
7	RODNEY K. & NEDRA C. MCCONNELL	03-346-0014.0000
8	HENRY W. ZEIDLER, JUDITH K. ZEIDLER, MARGARET L. BURGGRAF (S) / HENRY W. ZEIDLER, JUDITH K. ZEIDLER, MARGARET ZEIDLER BURGGRAF	03-B46-0015.0000

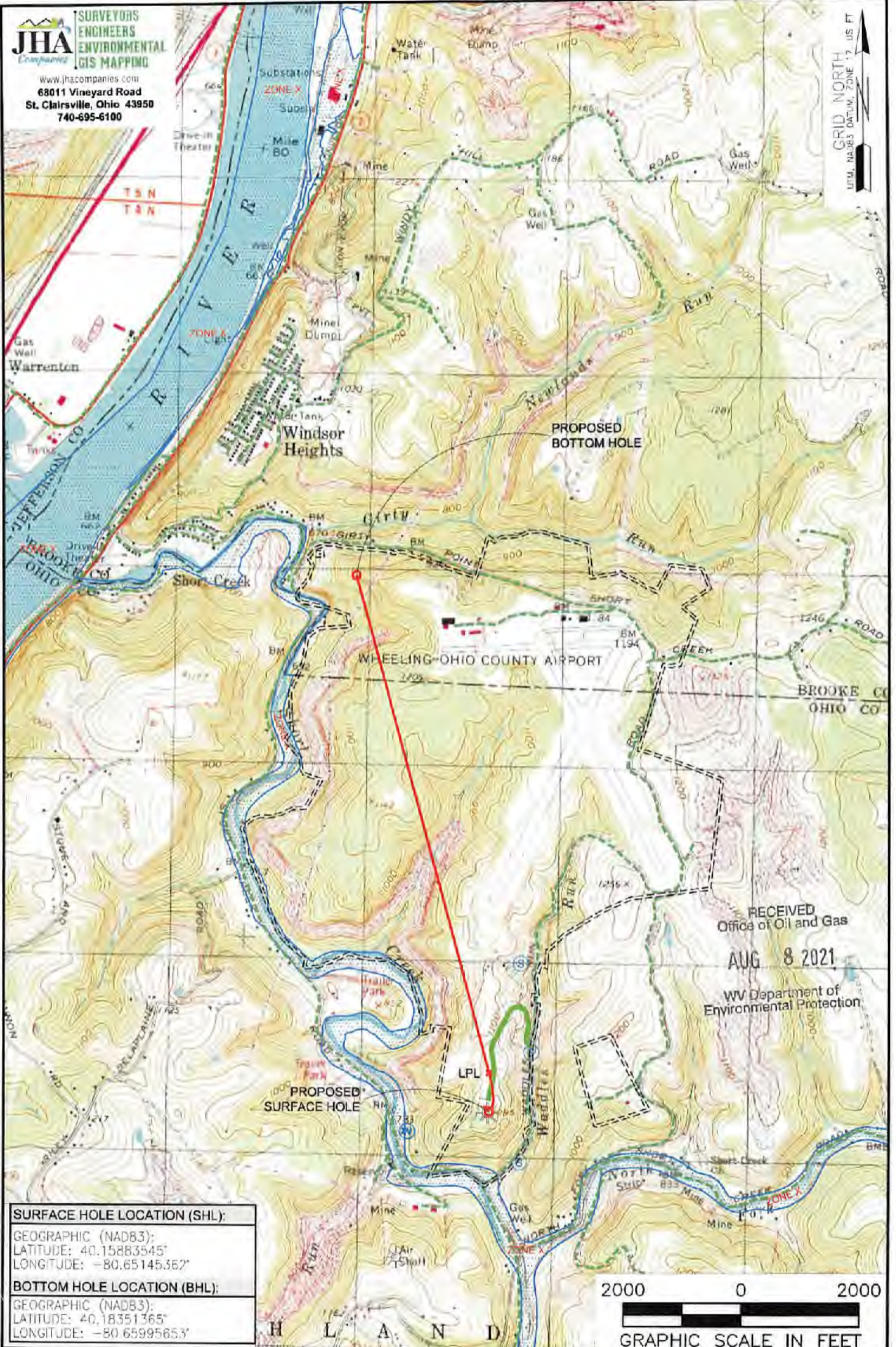
ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER	TAX PARCEL
A	JOSEPH W. CRAFT III FOUNDATION	04-R8-6
B	JOSEPH W. CRAFT III FOUNDATION	04-R5-52
D	WINDSOR COAL COMPANY (C/O CNX LAND-PROPERTY TAX)	04-R5-50
E	JOHN W. METZ	04-R5-46
F	BURNT MILL ACRES, LLC (C/O MARK FOSTER)	04-R5-13
G	JULIE A. KOEHLER	04-R5-45.4
H	JULIE A. KOEHLER	04-R5-45.13
I	HELEN TAYLOR	04-R5-12
J	HELEN TAYLOR	04-R5-14
K	HUMPHREY D., JR. & T.M. FLICK	04-R5-15
L	DALE A. & JENNIFER VILLANI	04-R5-16
M	DALE A. & JENNIFER A. VILLANI	04-R5-12.1
N	CHARLOTTE L. CONNER	04-R5-17
O	PATRICIA ROUSH	04-R5-18
P	ERVAN D. & NANCY G. TRUBIANO	04-R5-19
Q	BRIAN W. & MELINDA K. SOWZRAL	04-R5-20.1
R	DENNIS J. & SHEILA L. HOSKINS	04-R5-20.4
S	HAROLD & LINDA COAST	04-R5-2.9
T	ROBERT KUBOWICZ	04-R5-8
U	EDITH ROSE HARWATH	04-R5-8.2
V	RODNEY K. MCCONNELL & NEDRA C. MCCONNELL	04-R2-9999.9999
X	RODNEY K. & N.C. MCCONNELL	04-R2-18.2
Y	SYLVIA A. HAWRANICK	04-R2-18.1
Z	HENRY W. ZEIDLER, JUDITH K. ZEIDLER & MARGARET L. BURGGRAF	03-346-0015.0000
AA	KENNETH D. & BARBARA J. COVER	03-346-0012.0000
AB	JOHN W. AND CHRISTINA M. GARRETT (JTWS)	03-346-0009.0000
AC	JOHN W. AND CHRISTINA M. GARRETT (JTWS)	03-346-0017.0000
AD	EVERT RUNYAN	03-341-0018.0000
AE	BARRY L. GREATHOUSE	03-341-0032.0000
AF	BARRY L. GREATHOUSE	03-341-0083.0000
AG	BARRY L. GREATHOUSE	03-346-0019.0000
AH	FREDERICK CLAY, JR. AND STACY ANN HAYMAN (JTWS)	03-346-0041.0000
AI	BARRY L. GREATHOUSE	03-341-0082.0000
AJ	DANNY GENE & VIRGINIA MARGARET BRITT (SURVIVOR)	03-346-0027.0000
AK	TRACY GILBERT	03-346-0022.0001
AL	BRUCE G. BONAR (J) & WILLIAM BONAR (J)	03-346-0020.0000
AM	MARC SEAMON	04-R6-2
AN	OHIO COUNTY BOARD OF COMMISSIONERS	04-R5-55
AO	RICHARD L. & DEBORAH K. BLACK	04-R5-58.1
AP	LARRY AND LISA WALLEY	04-R5-58
AQ	WINDSOR COAL COMPANY	04-R8-8.1
AR	ALLIED WASTE, INC.	04-R5-56
AS	ANDREW JOHN EVICK	04-R5-54.1
AT	TUNNEL RIDGE, LLC	04-R8-8.1B
AU	DEBRA S. GRALL AND WILLIAM A. CAIN	04-R8-8.3
AV	HAMMOND PUBLIC SERVICE DISTRICT	03-346-0016.0000
AW	WHEELING ELECTRIC CO. C/O AEP	04-R5-52.1
AX	THE JOSEPH W. CRAFT III FOUNDATION AND THE KATHLEEN S. CRAFT FOUNDATION	04-R5-01.1

09/10/2021

REVISIONS:	COMPANY:	 	
REVISED DDR 11-20-2018 PER DEP COMMENTS		OPERATOR'S	EDWARD DREMAK UP OHI
		WELL #:	47-069-00332 Deep 2H
		DISTRICT:	RICHLAND
		COUNTY:	OHIO
		STATE:	WV
		DATE:	08-25-2021
		DRAWN BY:	R. GRIMES
		SCALE:	N/A
		DRAWING NO:	2018-284
		WELL LOCATION PLAT	

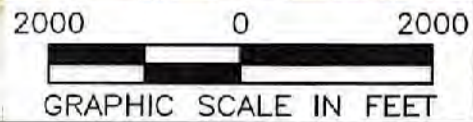
PROPERTY NUMBER 2501169011  
PAD ID 3001165800





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 Office of Oil and Gas  
 AUG 8 2021  
 WV Department of  
 Environmental Protection

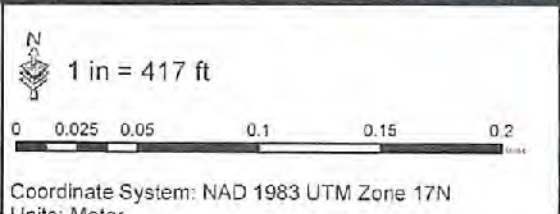
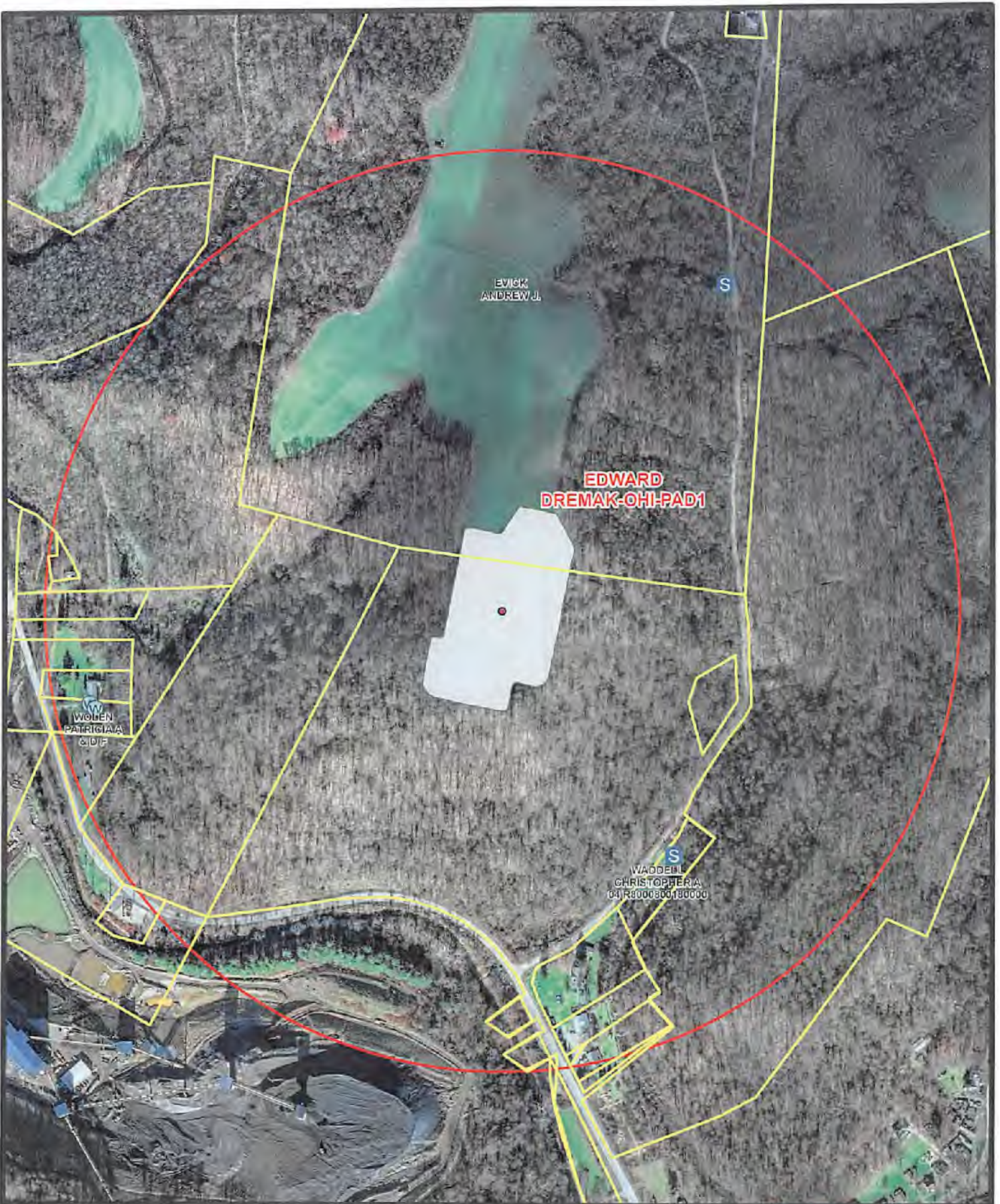
<b>SURFACE HOLE LOCATION (SHL):</b>
GEOGRAPHIC (NAD83): LATITUDE: 40.15883545° LONGITUDE: -80.65145362°
<b>BOTTOM HOLE LOCATION (BHL):</b>
GEOGRAPHIC (NAD83): LATITUDE: 40.18351365° LONGITUDE: -80.65995653°



<b>NOTES ON SURVEY</b>	<b>LEGEND:</b>	09/10/2021
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.	○ PROPOSED SURFACE HOLE / BOTTOM HOLE	— ACCESS ROAD
2. THIS PLAT DOES NOT REPRESENT A BOUNDARY SURVEY OF THE PARCELS SHOWN HEREON.	⊙ EXISTING / PRODUCING WELLHEAD	- - - PUBLIC ROAD
3. ALL INSETS ARE GRID NORTH UNLESS OTHERWISE DEPICTED.	LPL ✖ LANDING POINT LOCATION	— ACCESS ROAD TO PREV. SITE
	— LEASE BOUNDARY	— PROPOSED PATH
	— FLOOD PLAIN	

<b>WELL OPERATOR:</b> SWN PRODUCTION COMPANY, LLC	<b>WELL (FARM) NAME:</b> EDWARD DREMAK UP OH	<b>WELL #</b> 2H	<b>SERIAL #</b> XXXX
<b>ADDRESS:</b> P.O. BOX 1300 JANE LEW, WV 26378	<b>COUNTY:</b> OHIO	<b>CODE:</b> 069	<b>DISTRICT:</b> RICHLAND
<b>SURFACE OWNER:</b> ANDREW JOHN EVICK	<b>USGS 7 1/2 QUADRANGLE MAP NAME:</b> TILTONVILLE, OH		





S Spring  
 W Water Well  
 P Pond  
 1500' Buffer

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SWN  
 Southwestern Energy

Water Purveyor Map  
 Well Pad: Edward Dremak  
 County: OH

SWN <sup>R2</sup> <sup>V+</sup>  
 Southwestern Energy  
 09/10/2021

Date: 7/3/2018 | Author: willch