

(2,000' SCALE) LATITUDE: 40°12'30" SURFACE HOLE

6664'

(2,000' SCALE) LATITUDE: 40°12'30" BOTTOM HOLE

3246'

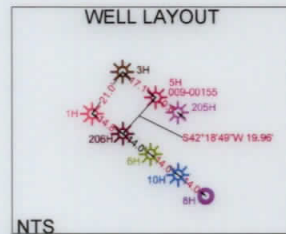


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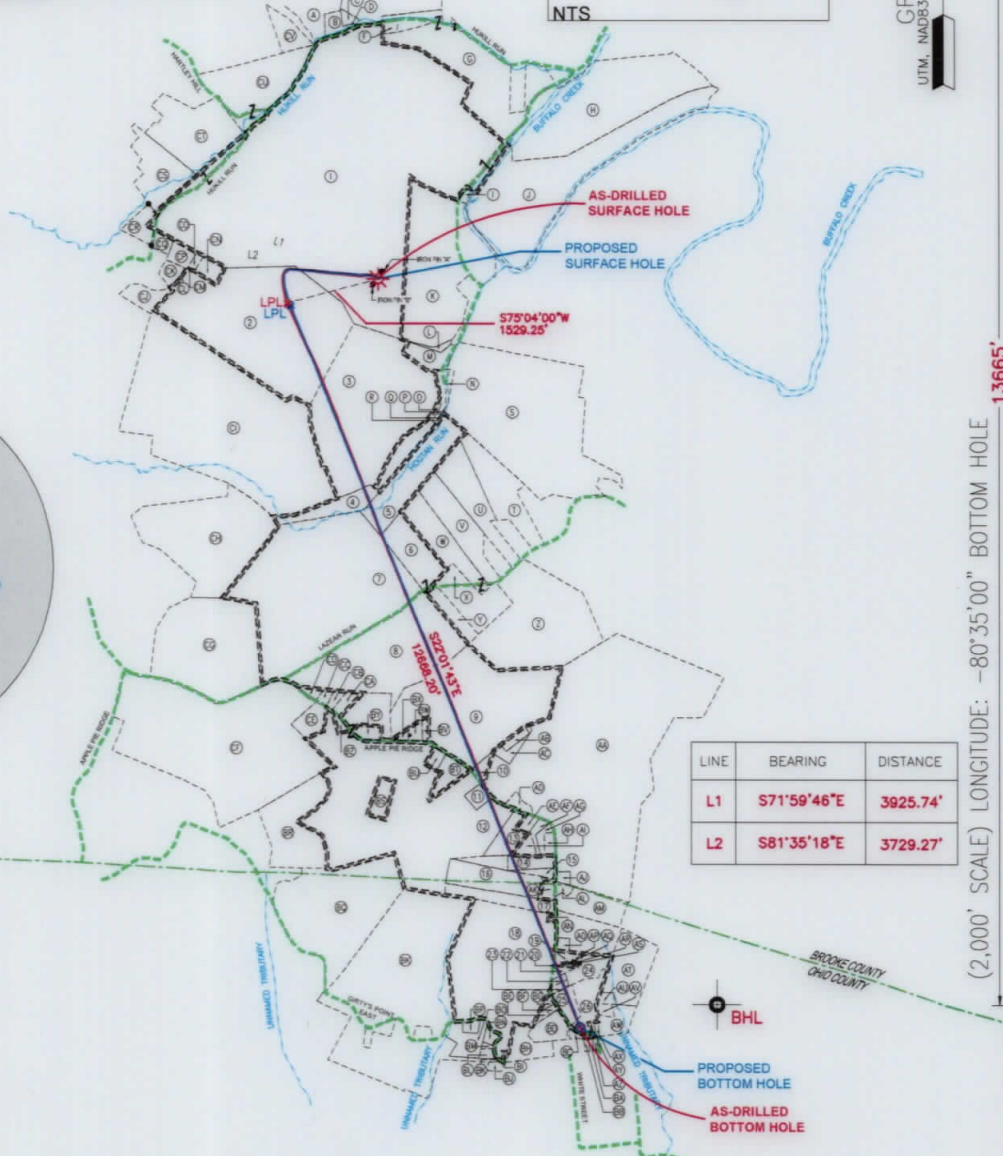
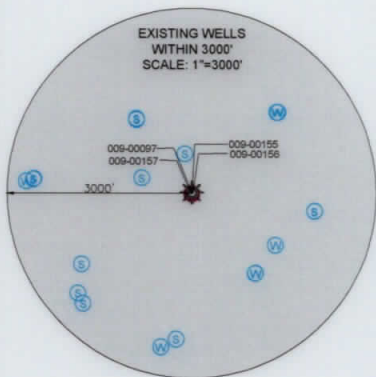
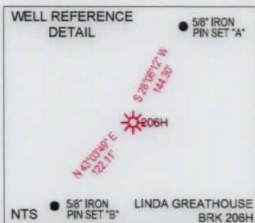
68011 Vineyard Road  
St. Clairsville, Ohio 43950  
740-695-6100

NOTES ON SURVEY

1. COORDINATE SYSTEM IS UTM NAD 83 DATUM, 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. THIS PLAT DOES NOT REPRESENT A BOUNDARY SURVEY OF THE PARCELS SHOWN HEREON.
3. NO DWELLINGS OR BUILDINGS WITHIN 625 FEET OF PROPOSED CENTER OF PAD.
4. NO PERENNIAL STREAMS, LAKES, PONDS, RESERVOIRS OR WETLANDS WITHIN 100 FEET OF THE LIMITS OF DISTURBANCE.
5. NO NATURALLY PRODUCING TROUT STREAM WITHIN 300 FEET OF THE LIMITS OF DISTURBANCE.
6. NO WATER WELLS OR DEVELOPED SPRINGS WITHIN 250 FEET OF PROPOSED WELL.



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



LINE	BEARING	DISTANCE
L1	S71°59'46"E	3925.74'
L2	S81°35'18"E	3729.27'

<b>SURFACE HOLE LOCATION (SHL):</b>
UTM (NAD83, ZONE 17, METERS):
NORTHING: 4450484.49
EASTING: 533447.37
<b>LANDING POINT LOCATION (LPL):</b>
UTM (NAD83, ZONE 17, METERS):
NORTHING: 4450356.90
EASTING: 532999.24
<b>BOTTOM HOLE LOCATION (BHL):</b>
UTM (NAD83, ZONE 17, METERS):
NORTHING: 4446803.60
EASTING: 534506.67
<b>SURFACE HOLE LOCATION (SHL):</b>
UTM (NAD83, ZONE 17, METERS):
NORTHING: 4450484.49
EASTING: 533447.37
<b>LANDING POINT LOCATION (LPL):</b>
UTM (NAD83, ZONE 17, METERS):
NORTHING: 4450342.24
EASTING: 533015.62
<b>BOTTOM HOLE LOCATION (BHL):</b>
UTM (NAD83, ZONE 17, METERS):
NORTHING: 4446803.67
EASTING: 534506.62

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



**SWN** Production Company, LLC **SWN** Production Company, LLC

(+) 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 SOURCE OF ELEVATION: SURVEY GRADE GPS (NAVD 88, US FT)

LINDA GREATHOUSE BRK  
OPERATOR'S WELL #: 206H  
API WELL #: 47 009 00278  
STATE COUNTY PERMIT

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

WATERSHED: UPPER OHIO SOUTH ELEVATION: 1,139.1'

DISTRICT: BUFFALO COUNTY: BROOKE QUADRANGLE: BETHANY, WV

SURFACE OWNER: LINDA REEVES GREATHOUSE & VICKI LYNN HAMILTON ACREAGE: ±322.84

OIL & GAS ROYALTY OWNER: LINDA REEVES GREATHOUSE & VICKI LYNN HAMILTON ACREAGE: ±322.84

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: 6,019' TVD 19,102' 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

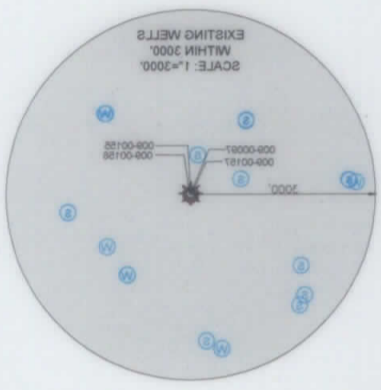
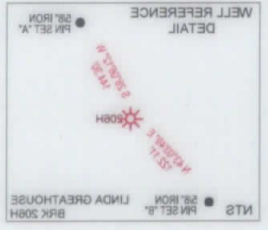
LEGEND:  

 REVISIONS:  
 DATE: 02-18-2020  
 API #: 47-009-00278  
 DRAWN BY: R. GRIMES  
 SCALE: 1" = 3000'  
 DRAWING NO: 2018-204  
 WELL LOCATION PLAT



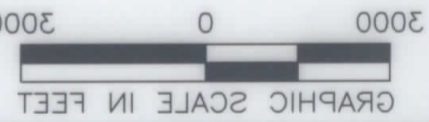
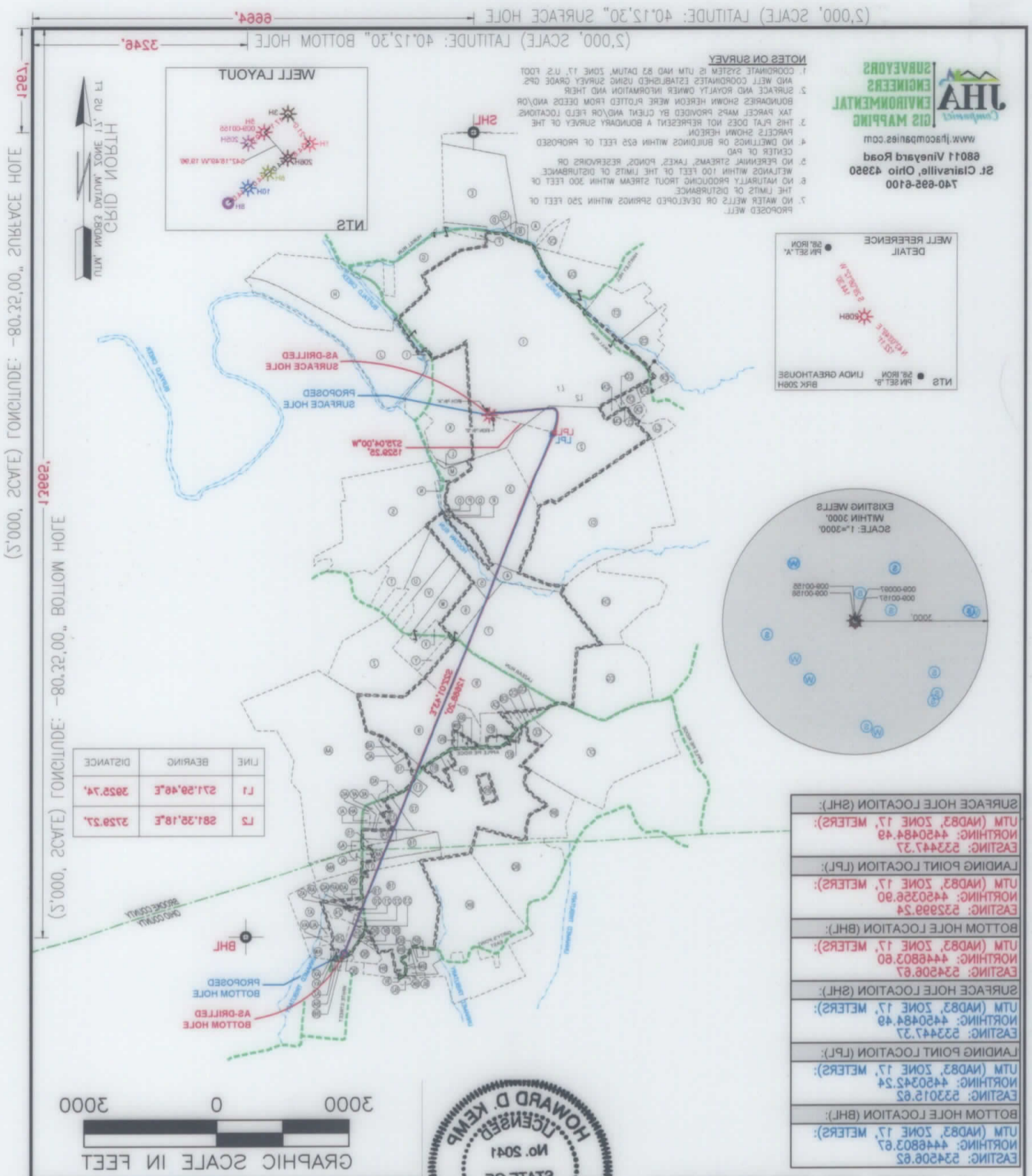
**JHA**  
**ENGINEERS**  
**ENVIRONMENTAL**  
**GIS MAPPING**  
 www.jhacompanies.com  
 88011 Vineyard Road  
 St Clairsville, Ohio 43950  
 740-682-8100

**NOTES ON SURVEY**  
 1. COORDINATE SYSTEM IS UTM AND 83 DATUM, ZONE 17 U.S. FOOT  
 2. SURFACE AND BATHYMETRY INFORMATION AND THEIR  
 BOUNDARIES SHOWN HEREON WERE PLOTTED FROM DEEDS AND/OR  
 TAX PARCEL MAPS PROVIDED BY CLIENT AND/OR FIELD LOCATIONS.  
 3. THIS PLAN DOES NOT REPRESENT A BOUNDARY SURVEY OF THE  
 PARCELS SHOWN HEREON.  
 4. NO DWELLINGS OR BUILDINGS WITHIN 625 FEET OF PROPOSED  
 CENTER OF PATH.  
 5. NO PERMANENT STREAMS, LAKES, PONDS, RESERVOIRS OR  
 WETLANDS WITHIN 100 FEET OF THE LIMITS OF DISTURBANCE.  
 6. NO NATURALLY PRODUCING TROUT STREAM WITHIN 300 FEET OF  
 THE LIMITS OF DISTURBANCE.  
 7. NO WATER WELLS OR DEVELOPED SPRINGS WITHIN 300 FEET OF  
 PROPOSED WELL.



LINE	BEARING	DISTANCE
L1	S71°50'46"E	2028.74'
L2	S81°30'18"E	2120.23'

SURFACE HOLE LOCATION (SHL): UTM (NAD83, ZONE 17, METERS): NORTHING: 4450484.49 EASTING: 523447.37
LANDING POINT LOCATION (L.P.): UTM (NAD83, ZONE 17, METERS): NORTHING: 4450256.90 EASTING: 523999.24
BOTTOM HOLE LOCATION (BHL): UTM (NAD83, ZONE 17, METERS): NORTHING: 4448803.60 EASTING: 524508.67
SURFACE HOLE LOCATION (SHL): UTM (NAD83, ZONE 17, METERS): NORTHING: 4450484.49 EASTING: 523447.37
LANDING POINT LOCATION (L.P.): UTM (NAD83, ZONE 17, METERS): NORTHING: 4450242.24 EASTING: 523018.82
BOTTOM HOLE LOCATION (BHL): UTM (NAD83, ZONE 17, METERS): NORTHING: 4448803.67 EASTING: 524508.62



I, THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAN 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.

**SWN**  
 Production Company, LLC  
 Production Company



WELL OPERATOR: SWN PRODUCTION COMPANY, LLC ADDRESS: 1300 FORT PIERPONT DRIVE, SUITE 201 CITY: MORGANTOWN STATE: WV ZIP CODE: 26508	DESIGNATED AGENT: BRITANNY WOODY ADDRESS: 1300 FORT PIERPONT DRIVE, SUITE 201 CITY: MORGANTOWN STATE: WV ZIP CODE: 26508
WELL TYPE: OIL <input type="checkbox"/> WASTE DISPOSAL <input type="checkbox"/> PRODUCTION <input checked="" type="checkbox"/> DEEP <input type="checkbox"/> SHALLOW <input checked="" type="checkbox"/> WATERSHED: UPPER OHIO SOUTH DISTRICT: BUFFALO COUNTY: BROOKE SURFACE OWNER: LINDA REEVES GREATHOUSE & VICKI LYNN HAMILTON OIL & GAS ROYALTY OWNER: LINDA REEVES GREATHOUSE & VICKI LYNN HAMILTON	(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS ACCURACY: 1/500 MINIMUM DEGREE OF PROVEN SOURCE OF GRADE GPS ELEVATION: (NAD 88, US FT)
TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: 6,019' TVD 18,102' TMD OTHER CHANGE <input checked="" type="checkbox"/> (SPECIFY AS-DRILLED) PERFORATE NEW FORMATION <input type="checkbox"/> PLUG OFF OLD FORMATION <input type="checkbox"/> FRACURE OR STIMULATE <input type="checkbox"/> REDRILL <input type="checkbox"/> DRILL DEEPER <input type="checkbox"/> PLUG & ABANDON <input type="checkbox"/> CLEAN OUT & REPLUG <input type="checkbox"/>	API WELL #: 47 STATE: WV COUNTY: PERMIT: 009 005278 OPERATOR'S WELL #: 206H LINDA GREATHOUSE BRK 206H
REVISIONS: DATE: 02-18-2020 API #: 47-009-005278 DRAWN BY: R. GRIMES SCALE: 1" = 3000' DRAWING NO: 2018-204 WELL LOCATION PLAN	LEGEND: EXISTING BOTTOM HOLE EXISTING PRODUCING WELLS EXISTING LANDING POINT LOCATION PROPOSED SURFACE HOLE / BOTTOM HOLE PROPOSED LANDING POINT LOCATION PROPOSED PATH AS-DRILLED PATH LEASE BOUNDARY FLOOD PLAIN PUBLIC ROAD ACCESS ROAD



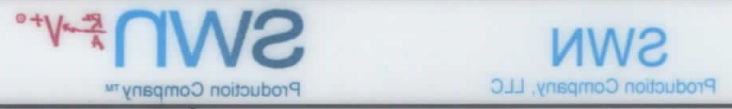
WELL BORE TABLE FOR SURFACE / ROYALTY OWNERS		
TRACT	SURFACE OWNER (S) / ROYALTY OWNER (R)	TAX PARCEL
1	LINDA REEVES GREATHOUSE & VICKI LYNN HAMILTON (S/R)	03-B37-0087.0000
TRACT	SURFACE OWNER	TAX PARCEL
2	ROCCO BASIL	03-B42-0019.0000
3	PHYLLIS P. MARKER	03-B42-0052.0000
4	JAMES L. BONAR & ET AL	03-B42-0054.0000
5	WINDSOR POWER HOUSE COAL COMPANY	03-B42-0055.0000
6	RALPH O. & GINA L. SMITH	03-B42-0064.0000
7	MIKE RYNIAWEC	03-B42-0033.0000
8	MIKE RYNIAWEC	03-B42-0034.0000
9	CAROL G. DWYER	03-B47-0030.0000
10	TERRY D. HARWATT	03-B47-0032.0001
11	JOHN WILSON, MARK WILSON, CAROL SHAIN & BETH HOOD	03-B47-0025.0003
12	CAROL DWYER	03-B47-0025.0000
13	SUSAN IRENE ROEDER, GLEN FRANCIS & ET AL	03-B47-0034.0000
14	ROBERT W. & EDITH A. MILVET	03-B47-0040.0000
15	RONALD G. & DONNA M. KELLER	03-B47-0041.0000
16	DEREK J. & NICOLE L. ENNIS	03-B47-0043.0000
17	DEREK J. & NICOLE L. ENNIS	09-L1-4.3
18	DEREK J. & NICOLE ENNIS	03-L1-4.2
19	JANICE L. SEYLER	09-WL1-9.3
20	DEBORAH J. & THOMAS W. BUKOVAC	09-WL1-9.1
21	DEBORAH J. & THOMAS W. BUKOVAC	09-WL1-9
22	BERNARD PETTIT	09-WL1-10
23	BERNARD R. PETTIT	09-WL1-11
24	BERNARD R. PETTIT	09-WL1-7
25	JEFFREY W. & JULIE L. RYAN	09-WL1-12
26	BENJAMIN T. BORDAS	09-WL1-12.1

ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER	TAX PARCEL
A	DEBRA F. CYPHERT, MATTHEW H. FAIR & ET AL	03-B37-0091.0000
B	ROBERT BONE	03-B37-0090.0000
C	ROBERT BONE	03-B37-0089.0000
D	ROBERT BONE	03-B37-0090.0001
E	DEBRA F. CYPHERT, MATTHEW H. FAIR & ET AL	03-B37-0088.0000
F	CARL R. & SANDRA S. CLARK	03-B37-0086.0000
G	BRIAN K. & GINA M. HANEY	03-B37-0077.0000
H	LPS INVESTMENT PARTNERSHIP	03-B37-0066.0000
I	EDGAR S. & CECELIA M. ERDMAN	03-B42-0049.0000
J	ELLEN B. SANFORD	03-B37-0076.0000
K	JAMES & JO ELLEN HAIZLETT	03-B42-0060.0002
L	AUSTIN WAYNE & JUSTINE ADAH WADE	03-B42-0060.0001
M	AUSTIN WAYNE & JUSTINE ADAH WADE	03-B42-0050.0000
N	TRUMAN A. & MARY SPEECE, DOROTHY SPEECE & THURMAN SPEECE, JR.	03-B42-0058.0000
O	WINDSOR POWER HOUSE COAL COMPANY	03-B42-0053.0000
P	WINDSOR POWER HOUSE COAL COMPANY	03-B42-0051.0000
Q	WINDSOR POWER HOUSE COAL COMPANY	03-B42-0056.0000
R	WINDSOR POWER HOUSE COAL COMPANY	03-B42-0057.0000
S	JEFFREY S. & DAWNA J. WARD	03-B42-0059.0004
T	RALPH O. & GINA L. SMITH	03-B42-0070.0000
U	RALPH O. & GINA L. SMITH	03-B42-0068.0000
V	RALPH O. & GINA L. SMITH	03-B42-0066.0000
W	RALPH & GINA SMITH	03-B42-0065.0000
X	MICHAEL DAVID & BETH ANN FINK	03-B42-0038.0000
Y	DOUGLAS L. & BELINDA TURNER	03-B42-0035.0000
Z	NOEL R. & JOYCE L. SCHWERTFEGER	03-B42-0040.0000
AA	JOHN E. HARWATT, TERRY D. HARWATT & SHIRLEY MAE NEIL	03-B47-0032.0000
AB	TERRY D. HARWATT	03-B47-0031.0000
AC	TERRY D. HARWATT	03-B47-0032.0004
AD	TERRY D. HARWATT	03-B47-0032.0002
AE	SANDRA K. ROEDER, GLENN I. FRANCIS, JR. & ET AL	03-B47-0035.0000
AF	BRIAN G. & DEBORA I. FEIST	03-B47-0036.0000
AG	ERNEST, JR. & SUSAN ROEDER	03-B47-0037.0000
AH	SUSAN ROEDER, GLENN IRWIN FRANCIS, JR. & ET AL	03-B47-0038.0000
AI	SUSAN IRENE ROEDER, GLEN FRANCIS & ET AL	03-B47-0039.0000
AJ	JOHN E. & EDITH R. HARWATT	03-B47-0032.0003
AK	DEREK J. & NICOLE L. ENNIS	03-B47-0033.0001
AL	OHIO COUNTY COMMISSION	09-WL1-1
AM	BONNIE J. CARR & DEAN S. CARR	09-WL1-2
AN	CHILDRENS FARM TRUST	09-WL1-14
AO	JANICE J. SEYLER	09-WL1-4
AP	BERNARD R. PETTIT	09-WL1-9.5
AQ	THOMAS W. & DEBROAH J. BUKOVAC	09-WL1-9.2
AR	DEBORAH J. & THOMAS W. BUKOVAC	09-WL1-9.7
AS	DEBORAH J. & THOMAS W. BUKOVAC	09-WL1-9.6
AT	MISTI D. PASSARELLO	03-L1-13
AU	GEORGE E. DENNIS	09-WL1-13
AV	JEREMIAH J. & CHELSIE C. BUKOVAC	09-WL3-22.1
AW	AMANDA J. & DOUGLAS G. NAYLOR	09-WL3-22
AX	META M. LASCH	09-WL3-133
AY	TIMOTHY L. & PATRICIA L. SCHERF	09-WL3-132
AZ	B. SEIDLER, R. TAYLOR, M. MAUCK & F. STANLEY (L/E)	09-WL3-17
BA	B. SEIDLER, R. TAYLOR, M. MAUCK & F. STANLEY (L/E)	09-WL3-16
BB	B. SEIDLER, R. TAYLOR, M. MAUCK & F. STANLEY (L/E)	03-WL3-15
BC	PAUL E. DAWSON	09-WL3-21
BD	R.L. CLARK, JR. & C.L. HLEBICZKI	09-WL3-131
BE	JERALDINE W. DAILEY	09-WL3-130
BF	JERALDINE W. DAILEY	09-WL3-129
BG	ROBERT S. & JANET L. WISE	09-WL3-127.1
BH	LIBERTY HIGH SCHOOL	09-WL3-7
BI	MASONIC LODGE 26 A.F.A.M	09-WL3-6

ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER	TAX PARCEL
BJ	NJS HOLDINGS, LLC	09-WL3-51
BK	CHARLES BONAR	03-L1-4
BL	MICHAEL A. & DIANA L. RICE	09-WL3-3
BM	FRANK, JR. & J.D. BLASKOVICH	09-WL3-2
BN	FRANK BLASKOVICH, JR. & JENNIFER D. BLASKOVICH	09-WL3-1
BO	CHARLES BONAR	03-L1-21.1
BP	MATTHEW P. BONAR	03-L1-21.3
BQ	CHARLES W. & CHARLOTTE R. BONAR	03-L1-2.6
BR	LAWRENCE & MARTHA SAYRE	03-B47-0014.0000
BS	CAROL DWYER	03-B47-0026.0000
BT	BETH ANN HOOD	03-B47-0025.0002
BU	RONALD J. & BETH A. HOOD	03-B47-0027.0000
BV	CAROL G. DWYER	03-B47-0029.0000
BW	WAYNE A. ABERCROMBIE, JR.	03-B47-0028.0000
BX	SCOTT T. WILHELM	03-B47-0028.0001
BY	PHILIPS R. & CORISSA DWAYER	03-B47-0025.0004
BZ	THURMAN D., JR. & KATHY I. SPEECE	03-B47-0024.0000
CA	ROBERT E. & LAURA G. GREATHOUSE	03-B47-0025.0001
CB	JOHN D. MILLER & JENNIFER LYN NEWMAN	03-B47-0022.0000
CC	LAWRENCE G. & CATHIE SUE PAUGH	03-B47-0021.0000
CD	LAWRENCE GRANT PAUGH	03-B47-0020.0000
CE	STETSON E. & WENDY S. SUTER	03-B47-0023.0000
CF	JOSEPH S. & JANE M. BUREK	03-B47-0019.0000
CG	ELIZABETH ELLEN FLUHARTY	03-B47-0018.0000
CH	APPALACHIA MIDSTREAM SERVICES, LLC	03-B47-0029.0000
CI	HENRY HEINZROTH	03-B42-0032.0000
CJ	HAROLD RICHARD & JOY LYNN KENNY	03-B42-0020.0000
CK	BRUCE & DARLENE HENTHORN	03-B42-0014.0000
CL	BRUCE & DARLENE HENTHORN	03-B42-0019.0001
CM	EDWARD E. & NANCY J. CONLEY	03-B42-0017.0000
CN	RICKEY & DEBRA CONLEY	03-B42-0018.0000
CO	EDWARD E. & NANCY J. CONLEY	03-B42-0016.0000
CP	EDWARD E. & NANCY J. CONLEY	03-B42-0015.0000
CQ	DANIEL R. GORBY	03-B42-0026.0000
CR	DANIEL R. GORBY	03-B42-0003.0000
CS	ELLEN M. STANLEY	03-B42-0001.0000
CT	VICTOR CHARLES SMITH	03-B37-0130.0000
CU	CHRISTOPHER SCOTT MILLER	03-B37-0094.0000
CV	KEVIN CHUMNEY	03-B37-0093.0000

REVISIONS:	COMPANY:	 	
	OPERATOR'S	LINDA GREATHOUSE BRK	DATE: 02-18-2020
	WELL #:	206H	API #: 47-009-00278
	DISTRICT:	BUFFALO	DRAWN BY: R. GRIMES
	COUNTY:	BROOKE	SCALE: N/A
	STATE:	WV	DRAWING NO: 2018-204
			WELL LOCATION PLAT



WELL LOCATION PLAT	DRAWING NO: 2018-204	SCALE: N/A	DRAWN BY: R. GRIMES	DATE: 02-18-2020
DISTRICT: BUFFALO	COUNTY: BROOKE	STATE: WV	WELL #: 206H	OPERATOR'S: LINDA GREATHOUSE BRK
				
COMPANY:				

REVISIONS:

TRACT	SURFACE OWNER	TAX PARCEL
BI	MASONIC LODGE 28 A.F.A.M.	09-WJ-8
BH	LIBERTY HIGH SCHOOL	09-WJ-7
BO	ROBERT S & JANET L WISE	09-WJ-1271
BR	JERALDINE W DAILEY	09-WJ-3-129
BE	JERALDINE W DAILEY	09-WJ-3-130
BD	R.L. CLARK, JR & C.L. HEBICZKI	09-WJ-3-131
BC	PAUL E. DAWSON	09-WJ-3-131
BB	B. SEIDLER, R. TAYLOR, M. MAUCK & F. STANLEY (J/E)	09-WJ-3-128
BA	B. SEIDLER, R. TAYLOR, M. MAUCK & F. STANLEY (J/E)	09-WJ-3-128
AA	B. SEIDLER, R. TAYLOR, M. MAUCK & F. STANLEY (J/E)	09-WJ-3-127
AX	TIMOTHY J & PATRICIA J SCHERR	09-WJ-3-122
AY	META M LASCH	09-WJ-3-123
AW	AMANDA J & DOUGLAS G HAYLOR	09-WJ-3-25
AV	JEREMIAH J & CHELSE C BUKOVAC	09-WJ-3-251
AU	GEORGE E DENNIS	09-WJ-1-13
AT	MSTI D. PASSARELLO	03-L-1-13
AS	DEBORAH J & THOMAS W BUKOVAC	09-WJ-1-9.8
AR	DEBORAH J & THOMAS W BUKOVAC	09-WJ-1-9.7
AO	THOMAS W & DEBORAH J BUKOVAC	09-WJ-1-9.3
AP	BERNARD R. PETTIT	09-WJ-1-9.5
AA	CHILDRENS FARM TRUST	09-WJ-1-14
AM	BONNIE J. CARR & DEAN S. CARR	09-WJ-2
AL	OHIO COUNTY COMMISSION	09-WJ-1
AK	DEREK J & NICOLE J ENNIS	03-B42-0023.0001
AJ	JOHN E & EDITH R HARWATT	03-B42-0023.0003
AI	SUZAN RENE ROEDER, GLEN FRANCIS & ET AL	03-B42-0028.0000
AH	SUZAN RENE ROEDER, GLEN FRANCIS, JR & ET AL	03-B42-0028.0000
AG	FRNEST, JR & SUSAN ROEDER	03-B42-0023.0000
AF	BRIAN C & DEBORAH J FIST	03-B42-0026.0000
AE	SANDRA K. ROEDER, GLEN I. FRANCIS, JR & ET AL	03-B42-0022.0000
AD	TERRY D. HARWATT	03-B42-0022.0002
AC	TERRY D. HARWATT	03-B42-0022.0004
AB	TERRY D. HARWATT	03-B42-0021.0000
AA	JOHN E HARWATT, TERRY D. HARWATT & SHIRLEY MAE NEIL	03-B42-0022.0000
Z	NOEL R. & JOYCE L. SCHWERTFELDER	03-B42-0040.0000
Y	DOUGLAS J & BELINDA TURNER	03-B42-0025.0000
X	MICHAEL DAVID & BETH ANN LINK	03-B42-0028.0000
W	RALPH & GINA SMITH	03-B42-0025.0000
V	RALPH O & GINA L SMITH	03-B42-0026.0000
U	RALPH O & GINA L SMITH	03-B42-0026.0000
T	RALPH O & GINA L SMITH	03-B42-0020.0000
S	JEFFREY S & DAWN J. WARD	03-B42-0029.0004
R	WINDSOR POWER HOUSE COAL COMPANY	03-B42-0027.0000
Q	WINDSOR POWER HOUSE COAL COMPANY	03-B42-0026.0000
P	WINDSOR POWER HOUSE COAL COMPANY	03-B42-0021.0000
O	WINDSOR POWER HOUSE COAL COMPANY	03-B42-0023.0000
N	TRUMAN A & MARY SPEECE DOROTHY SPEECE & THURMAN SPEECE, JR	03-B42-0028.0000
M	AUSTIN WAYNE & JUSTINE ADAH WADE	03-B42-0020.0000
L	AUSTIN WAYNE & JUSTINE ADAH WADE	03-B42-0020.0001
K	JAMES & JO ELLIEN HAZLETT	03-B42-0020.0002
J	ELLEN B. SANFORD	03-B42-0028.0000
I	EDGAR S & CECILIA M. ERDMAN	03-B42-0049.0000
H	LPS INVESTMENT PARTNERSHIP	03-B42-0026.0000
G	BRIAN K & GINA M HANEY	03-B42-0027.0000
F	CARL R & SANDRA S CLARK	03-B42-0028.0000
E	DEBRA F. CYPHERT, MATTHEW H. FAIR & ET AL	03-B42-0028.0000
D	ROBERT BONE	03-B42-0020.0001
C	ROBERT BONE	03-B42-0028.0000
B	ROBERT BONE	03-B42-0020.0000
A	DEBRA F. CYPHERT, MATTHEW H. FAIR & ET AL	03-B42-0021.0000

ADJOINING OWNERS TABLE

TRACT	SURFACE OWNER	TAX PARCEL
28	BENJAMIN T BORDAS	09-WJ-1-121
25	JEFFREY W & JULIE J RYAN	09-WJ-1-12
24	BERNARD R. PETTIT	09-WJ-1-7
23	BERNARD R. PETTIT	09-WJ-1-11
22	BERNARD PETTIT	09-WJ-1-10
21	DEBORAH J & THOMAS W BUKOVAC	09-WJ-9
20	DEBORAH J & THOMAS W BUKOVAC	09-WJ-9.1
19	JANICE J SEYLER	09-WJ-1-9.3
18	DEREK J & NICOLE ENNIS	03-L-1-4.2
17	DEREK J & NICOLE J ENNIS	09-L-1-4.3
16	DEREK J & NICOLE J ENNIS	03-B42-0043.0000
15	RONALD G. & DONNA M KELLER	03-B42-0041.0000
14	ROBERT W & EDITH A MILVET	03-B42-0040.0000
13	SUZAN RENE ROEDER, GLEN FRANCIS & ET AL	03-B42-0024.0000
12	CAROL DWYER	03-B42-0025.0000
11	JOHN WILSON, MARK WILSON, CAROL SHAIN & BETH HOOD	03-B42-0025.0003
10	TERRY D. HARWATT	03-B42-0023.0001
9	CAROL G DWYER	03-B42-0020.0000
8	MIKE RYANWEC	03-B42-0024.0000
7	MIKE RYANWEC	03-B42-0023.0000
6	RALPH O & GINA L SMITH	03-B42-0024.0000
5	WINDSOR POWER HOUSE COAL COMPANY	03-B42-0025.0000
4	JAMES L BONA & ET AL	03-B42-0024.0000
3	PHYLLIS P MARKER	03-B42-0025.0000
2	ROCCO BASIL	03-B42-0019.0000
1	LINDA REVEZ GREATHOUSE & VICKI LYNN HAMILTON (S/R)	03-B42-0027.0000

WELL BORE TABLE FOR SURFACE \ ROYALTY OWNERS

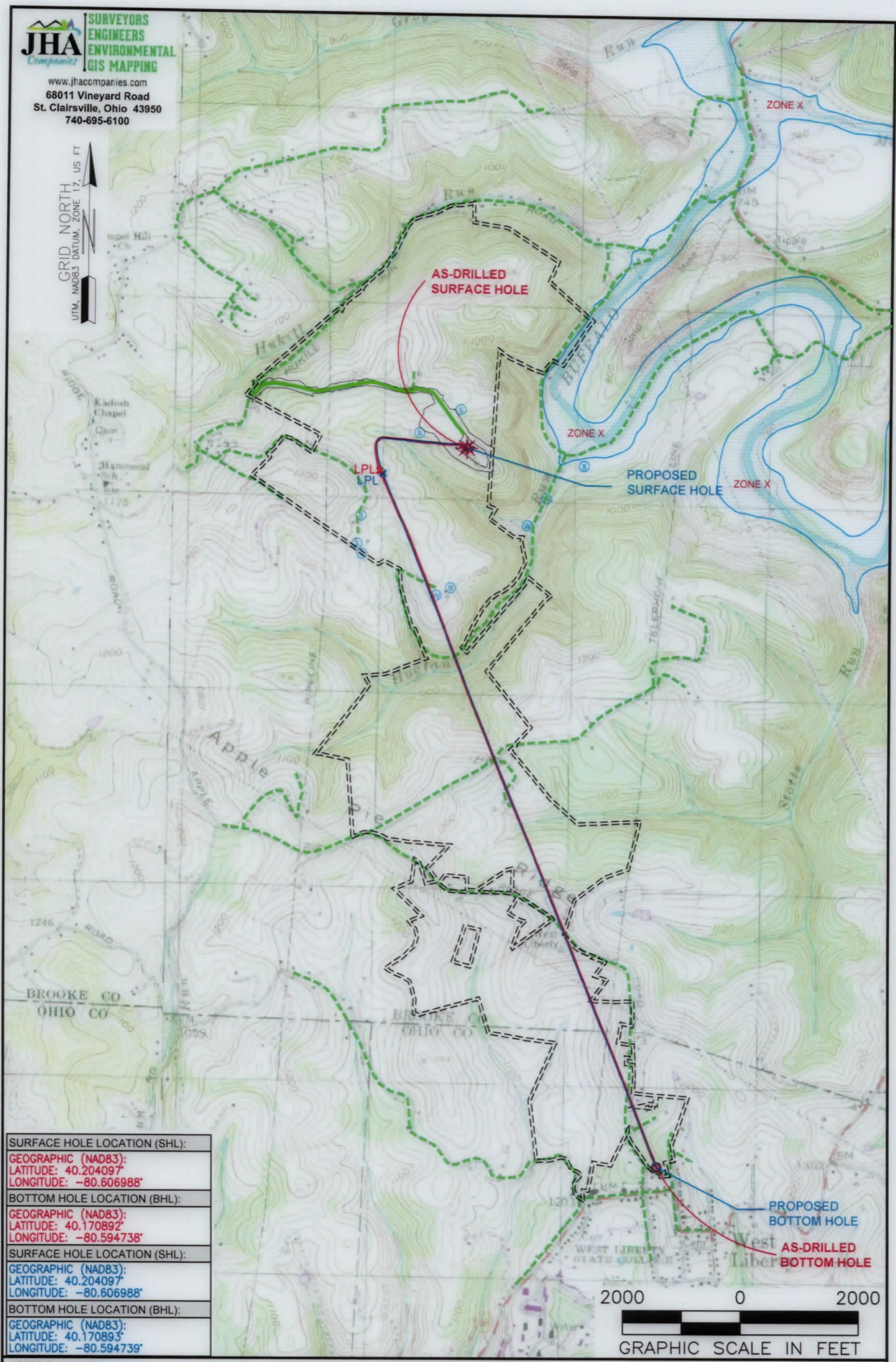
TRACT	SURFACE OWNER	TAX PARCEL
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ADJOINING OWNERS TABLE

TRACT	SURFACE OWNER	TAX PARCEL
CV	KEVIN CHUMNEY	03-B42-0023.0000
CU	CHRISTOPHER SCOTT MILLER	03-B42-0024.0000
CT	VICTOR CHARLES SMITH	03-B42-0130.0000
CS	ELLEN M STANLEY	03-B42-0021.0000
CR	DANIEL R. GORBY	03-B42-0023.0000
CQ	DANIEL R. GORBY	03-B42-0026.0000
CP	EDWARD E & NANCY J. CONLEY	03-B42-0021.0000
CO	EDWARD E & NANCY J. CONLEY	03-B42-0026.0000
CN	RICKY & DEBRA CONLEY	03-B42-0028.0000
CM	EDWARD E & NANCY J. CONLEY	03-B42-0021.0000
CL	BRUCE & DARLENE HEINTHORN	03-B42-0024.0000
CK	BRUCE & DARLENE HEINTHORN	03-B42-0024.0000
CJ	HAROLD RICHARD & JOY LYNN KENNY	03-B42-0020.0000
CI	HENRY HEINZROTH	03-B42-0023.0000
CH	APPALACHIA MIDSTREAM SERVICES, LLC	03-B42-0028.0000
CC	ELIZABETH ELLEN FLUHARTY	03-B42-0018.0000
CD	JOSEPH S. & JANE M. BUREK	03-B42-0019.0000
CE	STETSON E. & WENDY S. STUER	03-B42-0023.0000
CF	LAWRENCE GRANT PAUGH	03-B42-0020.0000
CG	LAWRENCE GRANT PAUGH	03-B42-0021.0000
CH	JOHN D. MILLER & JENNIFER LYNN NEWMAN	03-B42-0025.0000
CI	ROBERT E & LAURA G. GREATHOUSE	03-B42-0025.0001
CJ	THURMAN O. JR & KATHY L. SPEECE	03-B42-0024.0000
CK	PHILIP R. & CORISSA DWYER	03-B42-0025.0004
CL	SCOTT T. WILHELM	03-B42-0028.0001
CM	WAYNE A. BERGROBIE, JR.	03-B42-0028.0000
CN	CAROL G DWYER	03-B42-0029.0000
CO	RONALD J. & BETH A HOOD	03-B42-0027.0000
CP	BETH ANN HOOD	03-B42-0025.0002
CQ	CAROL DWYER	03-B42-0026.0000
CR	LAWRENCE & MARTHA SZYRE	03-B42-0014.0000
CS	CHARLES W & CHARLOTTE R. BONAAR	03-L-1-2
CT	MATTHEW P. BONAAR	03-L-1-21.3
CU	CHARLES BONAAR	03-L-1-21.1
CV	FRANK BLASKOVICH, JR. & JENNIFER D. BLASKOVICH	09-WJ-3-1
BM	FRANK, JR. & J.D. BLASKOVICH	09-WJ-3-2
BL	MICHAEL A. & DIANA L. RICE	09-WJ-3-3
BK	CHARLES BONAAR	03-L-1-4
BJ	MRS HOLDINGS, LLC	09-WJ-3-1



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



<b>SURFACE HOLE LOCATION (SHL):</b>
<b>GEOGRAPHIC (NAD83):</b>
<b>LATITUDE: 40.204097°</b>
<b>LONGITUDE: -80.606988°</b>
<b>BOTTOM HOLE LOCATION (BHL):</b>
<b>GEOGRAPHIC (NAD83):</b>
<b>LATITUDE: 40.170892°</b>
<b>LONGITUDE: -80.594738°</b>
<b>SURFACE HOLE LOCATION (SHL):</b>
<b>GEOGRAPHIC (NAD83):</b>
<b>LATITUDE: 40.204097°</b>
<b>LONGITUDE: -80.606988°</b>
<b>BOTTOM HOLE LOCATION (BHL):</b>
<b>GEOGRAPHIC (NAD83):</b>
<b>LATITUDE: 40.170893°</b>
<b>LONGITUDE: -80.594739°</b>

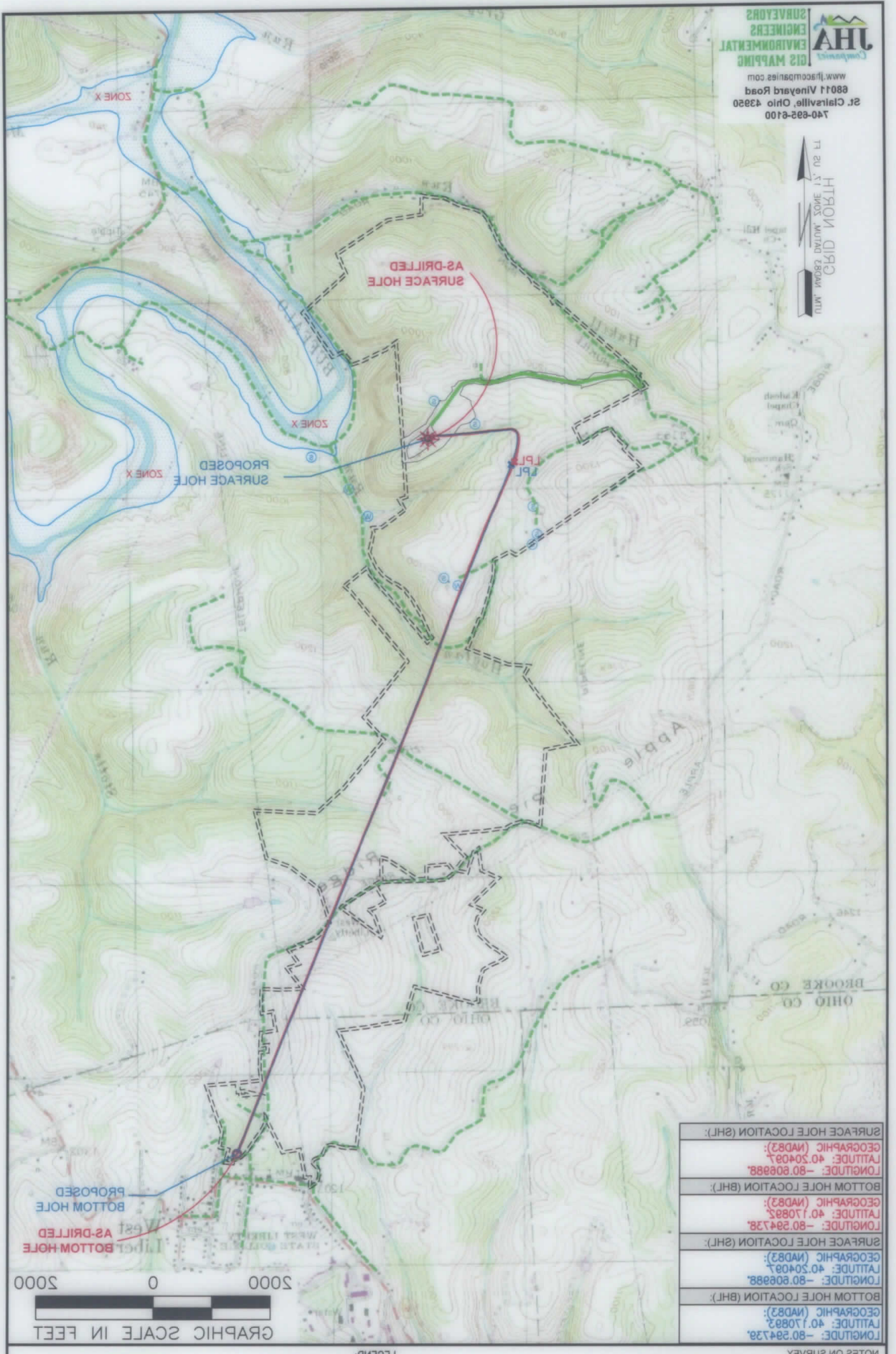
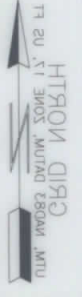
**NOTES ON SURVEY**  
 1. SURFACE AND ROYALTY OWNER INFORMATION AND THEIR BOUNDARIES SHOWN HEREON WERE PLOTTED FROM DEEDS AND/OR TAX PARCEL MAPS PROVIDED BY CLIENT AND/OR FIELD LOCATIONS.  
 2. THIS PLAT DOES NOT REPRESENT A BOUNDARY SURVEY OF THE PARCELS SHOWN HEREON.  
 3. ALL INSETS ARE GRID NORTH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

**LEGEND:**

EXISTING BOTTOM HOLE	ACCESS ROAD
EXISTING / PRODUCING WELLHEAD	PUBLIC ROAD
EXISTING LANDING POINT LOCATION	FLOOD PLAIN
PROPOSED SURFACE HOLE / BOTTOM HOLE	LEASE BOUNDARY
PROPOSED LANDING POINT LOCATION	ASDRILLED PATH
	PROPOSED PATH

<b>WELL OPERATOR:</b> SWN PRODUCTION COMPANY, LLC	<b>WELL (FARM) NAME:</b> LINDA GREATHOUSE BRK	<b>WELL #</b> 206H	<b>SERIAL #</b> XXXX
<b>ADDRESS:</b> 1300 FORT PIERPONT DRIVE, SUITE 201, MORGANTOWN, WV 26508	<b>COUNTY - CODE:</b> BROOKE - 009	<b>DISTRICT:</b> BUFFALO	<b>API:</b> 47-009-00278
<b>SURFACE OWNER:</b> LINDA REEVES GREATHOUSE & VICKI LYNN HAMILTON	<b>USGS 7 1/2 QUADRANGLE MAP NAME:</b> BETHANY, WV		





SURFACE HOLE LOCATION (SHL):	LONGITUDE: -80.806888
GEOGRAPHIC (NAD83):	LATITUDE: 40.204097
BOTTOM HOLE LOCATION (BHL):	LONGITUDE: -80.294738
GEOGRAPHIC (NAD83):	LATITUDE: 40.170897
SURFACE HOLE LOCATION (SHL):	LONGITUDE: -80.806888
GEOGRAPHIC (NAD83):	LATITUDE: 40.204097
BOTTOM HOLE LOCATION (BHL):	LONGITUDE: -80.294738
GEOGRAPHIC (NAD83):	LATITUDE: 40.170897

**LEGEND:**

PROPOSED LANDING POINT LOCATION	EXISTING \ PRODUCING WELLS
PROPOSED SURFACE HOLE \ BOTTOM HOLE	EXISTING LANDING POINT LOCATION
AS-DRILLED SURFACE HOLE \ BOTTOM HOLE	PROPOSED SURFACE HOLE \ BOTTOM HOLE
PROPOSED PATH	LEASE BOUNDARY
ACCESS ROAD	FLOOD PLAIN
PUBLIC ROAD	LEASE BOUNDARY

**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 INSERTS ARE GRID NORTH UNLESS OTHERWISE DEPICTED.

SURFACE OWNER: LINDA REEVES GREATHOUSE & NICKI LYNN HAMILTON		WELL OPERATOR: SWN PRODUCTION COMPANY, LLC	
ADDRESS: 1300 FORT PIERPONT DRIVE SUITE 201 MORGANTOWN, WV 26508		WELL (FARM) NAME: LINDA GREATHOUSE BRK	
COUNTY - CODE BROOKE - 009		WELL # SERIAL # 206H XXXX	
DISTRICT: BUFAFO		API: 47-009-00278	
PROPERTY NUMBER 2501188483			