

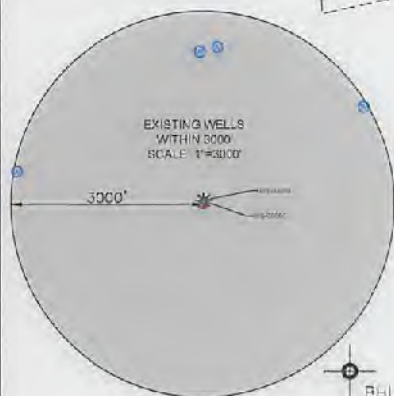
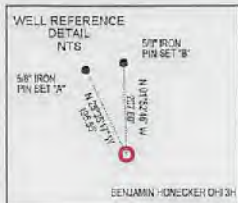
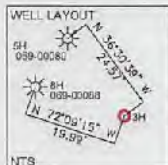
Latitude: 40°12'30"

BOTTOM HOLE 11343'



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

LINE	BEARING	DISTANCE
L1	S 02°28'16" E	1041.75'
L2	N 29°10'58" W	987.80'



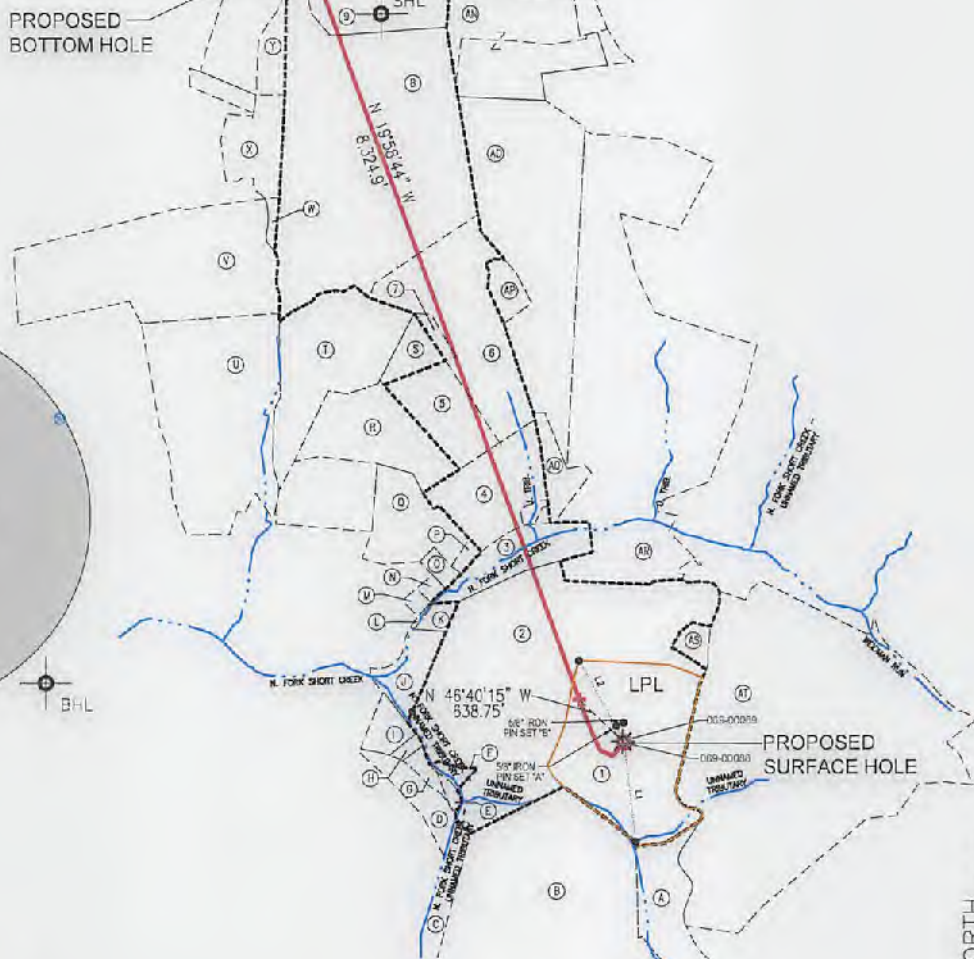
SURFACE HOLE
Latitude: 40°10'00"

NOTES ON SURVEY

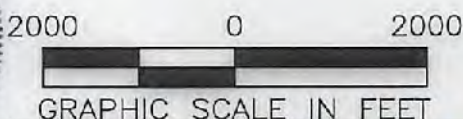
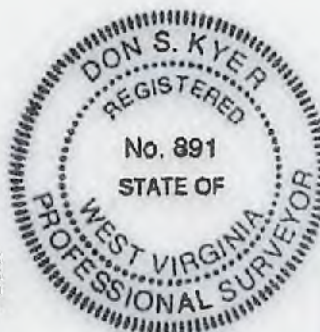
- COORDINATE SYSTEM IS UTM NAD 83 DATUM, ZONE 17, U.S. FOOT AND WELL COORDINATES ESTABLISHED USING SURVEY GRADE GPS.
- SURFACE AND ROYALTY OWNER INFORMATION AND THEIR BOUNDARIES SHOWN HEREON WERE PLOTTED FROM DEEDS AND/OR TAX PARCEL MAPS PROVIDED BY CLIENT AND/OR FIELD LOCATIONS.
- THIS PLAT DOES NOT 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.

PROPOSED BOTTOM HOLE

BROOKE CO.
OHIO CO.



SURFACE HOLE LOCATION (SHL): UTM (NAD83, ZONE 17, METERS): NORTHING: 4445002.80 EASTING: 533112.59
LANDING POINT LOCATION (LPL): UTM (NAD83, ZONE 17, METERS): NORTHING: 4445133.95 EASTING: 532968.81
BOTTOM HOLE LOCATION (BHL): UTM (NAD83, ZONE 17, METERS): NORTHING: 4447502.96 EASTING: 532062.36



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. 891

Don S. Kyer 10-25-17

COMPANY:



(+) 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)

OPERATOR'S WELL #: BENJAMIN HONECKER OHI 3H

API WELL #: 47 069 00260
STATE COUNTY PERMIT

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

WATERSHED: UPPER OHIO SOUTH ELEVATION: 1104.0'

DISTRICT: LIBERTY COUNTY: OHIO QUADRANGLE: BETHANY, WV

SURFACE OWNER: JANET L. HONECKER AND ELIZABETH H. HESTICK ACREAGE: ±102.0

OIL & GAS ROYALTY OWNER: JANET L. HONECKER AND ELIZABETH H. HESTICK ACREAGE: ±102.0

DRILL DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION PERFORATE NEW FORMATION

CONVERT PLUG & ABANDON CLEAN OUT & REPLUG OTHER CHANGE (SPECIFY)

TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: 5,909

WELL OPERATOR: SWN PRODUCTION COMPANY, LLC DESIGNATED AGENT: DEE SOUTHALL

ADDRESS: P.O. BOX 1300 ADDRESS: P.O. BOX 1300


CITY: JANE LEW STATE: WV ZIP CODE: 26378 CITY: JANE LEW STATE: WV ZIP CODE: 26378

LEGEND: LPL 	 	REVISIONS:	DATE: 10-25-2017
			DRAWN BY: C.THOMAS SCALE: 1" = 2000' DRAWING NO: 2017-220 WELL LOCATION PLAT

WELL BORE TABLE FOR SURFACE / ROYALTY OWNERS			
TRACT	SURFACE OWNER (S) / ROYALTY OWNER (R)	TAX PARCEL	ACRES
1	JANET L. HONECKER (LIFE ESTATE), AND ELIZABETH H. HESTICK (REMAINDER)	03-L04-0124.0000	50.287
TRACT	SURFACE OWNER	TAX PARCEL	ACRES
2	JANET L. HONECKER (LIFE ESTATE), AND ELIZABETH H. HESTICK (REMAINDER)	03-L01-0042.0000	97.703
3	TOWN OF WEST LIBERTY	09-WL09-0001.0000	12.47
4	ELIZABETH M. DAVIS	04-R06-0014.0002	20.06
5	ELIZABETH M. DAVIS	04-R06-0014.0003	15.339
6	MADONA DAVIS	04-R06-0014.0000	36.693
7	SUZANNE D. CLUTTER AND CHAD D. CLUTTER	04-R06-0014.0006	1.09
8	WINDSOR COAL COMPANY	04-R06-0012.0000	115.22
9	MARK A. WADE AND MARY IVA SMITH WADE	04-R06-0011.0000	17.11
10	MARK A. WADE AND MARY IVA SMITH WADE	03-B47-0004.0000	100.39

ADJOINING OWNERS TABLE			
TRACT	SURFACE OWNER	TAX PARCEL	ACRES
A	PAUL M. MCKAY & DEBORAH A. MCKAY	03-B42-0055.0000	14.64
B	PAUL M. MCKAY & DEBORAH A. MCKAY	03-B42-0055.0000	159.15
C	PAUL M. MCKAY & DEBORAH A. MCKAY	03-B42-0055.0000	12.33
D	JOHN C. RATCLIFFE	04-R09-0022.0021	6.35
E	JOHN P. GRIFFITH	04-R09-0024.0001	0.70
F	FRANK W. PATTERSON ETAL.	04-R09-0023.0001	1.57
G	JOHN P. GRIFFITH	04-R09-0024.0000	2.47
H	PHILLIP E. COSS & SHIRLEY A. COSS	04-R09-0021.0000	1.00
I	PHILLIP E. COSS & SHIRLEY A. COSS	04-R09-0021.0001	4.94
J	MARVIN BURKHART & BETTY BURKHART	04-R06-0035.0000	7.16
K	CALVARY BAPTIST CHURCH	04-R06-0035.0001	2.09
L	CALVARY BAPTIST CHURCH	04-R06-0028-0004	0.44
M	STEVEN W. WHITMIRE & E.K. WHITMIRE	04-R06-0028.0005	0.98
N	STEVEN W. WHITMIRE & E.K. WHITMIRE	04-R06-0028.0001	0.99
O	CINDY LOU CANTWELL	04-R06-0030.0000	2.00
P	CINDY LOU CANTWELL	04-R06-0031.0000	1.36
Q	JAMES E. O'DONNELL & PAULINE O'DONNELL	04-R06-0027.0003	15.66
R	ELIZABETH M. DAVIS	04-R06-0014.0004	20.339
S	SUZANNE D. CLUTTER AND CHAD D. CLUTTER	04-R06-0014.0005	5.00
T	WAYNE E. SHOOK	04-R06-0015.0000	32.80
U	SHORT CREEK COAL CO.	04-R06-0017.0004	61.53
V	SHORT CREEK COAL CO.	04-R06-0017.0003	61.53
W	GARY WAYNE HERCULES	04-R06-0016.0000	1.25
X	MARTHA HERCULES	04-R06-0007.0000	13.22
Y	WANDA L. WHITE	04-R06-0010.0000	4.27
Z	TIMOTHY E. & J.M. KERNS	04-R06-0008.0001	1.25
AA	MELISSA KERNS; CHRISTINA A. LE; TIMOTHY & JEANETTE KERNS	03-B46-0040.0000	5.47
AB	JEFFREY A. HORNICK	03-B47-0005.0000	2.20
AC	ERIC J. TUSTIN	03-B46-0029.0001	14.70
AD	BETSY D. TUSTIN	03-B47-0002.0001	54.03
AE	JOHN E. SHARIER III	03-B47-0003.0000	2.00
AF	JOSEPH S. & JANE M. BUREK	03-B47-0019.0000	117.68
AG	DAVID A & CRYSTAL G. DUNN	03-B47-0007.0000	3.46
AH	DAVID A & CRYSTAL G. DUNN	03-B47-0006.0000	0.38
AI	JODY L & JANIE L. BRITTON	03-B47-0009.0000	0.68
AJ	CHRISTIAN FAITH FELLOWSHIP TRUSTEES	03-B47-0004.0001	2.27
AK	ROXIE FOSTER	03-B47-0016.0000	1.95
AL	PATRICK E & DONNA M. KING	03-B47-0015.0000	3.37
AM	ALBERT H. POSTLEWAIT, JR. AND CINDY S. POSTLEWAIT	04-R06-0018.0001	4.354
AN	DALE M. SAMPSON	03-L01-0002.0000	36.553
AO	DALE M. SAMPSON	04-R06-0013.0000	50.03
AP	CHAS B. DAVIS & MADONA DAVIS	04-R06-0014.0001	3.98
AQ	DALE M. SAMPSON	04-R06-0032.0000	5.85
AR	DALE M. SAMPSON	03-L01-0024.0000	77.86
AS	DEBRA HAMSTEAD & DAVID HAMSTEAD	03-L01-0042.0001	2.56
AT	JANET L. HONECKER & ELIZABETH HONECKER	03-L04-0103.0000	158.99

03/02/2018

REVISIONS:	COMPANY:				
	OPERATOR'S				
	WELL #:			DRAWN BY: C.THOMAS	
	DISTRICT:	COUNTY:	STATE:	SCALE: N/A	
	LIBERTY	OHIO	WV	DRAWING NO: 2017-220	
				WELL LOCATION PLAT	