

SURFACE HOLE 348'

JACKSON SURVEYING INC.

P.O. Box 1460
677 W. Main St.
Clarksburg, WV 26302
304-623-5851

Latitude: 40°05'00" BOTTOM HOLE

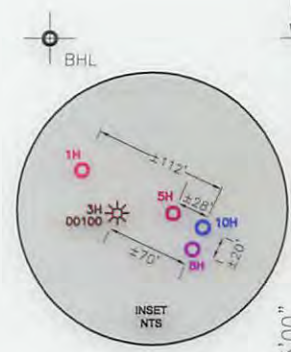
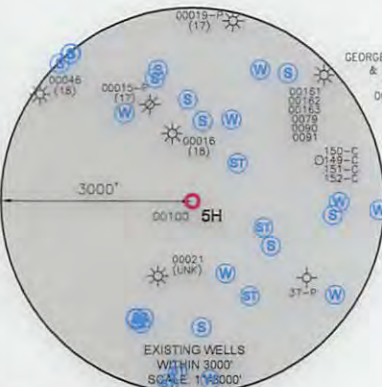
2739'

Table with 2 columns: Location Name and UTM Coordinates (Northing, Easting).

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

WELL BORE TABLE FOR SURFACE / ROYALTY OWNERS. Table with 4 columns: TRACT, SURFACE OWNER (S) / ROYALTY OWNER (R), TAX PARCEL, ACRES.

Table with 5 columns: LINE, BEARING, DISTANCE, DESCRIPTION, MONUMENT.



WELL RESTRICTIONS

- List of 6 well restrictions including distance from dwellings, agriculture, streams, and public water supply.

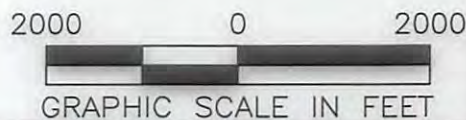
NOTES ON SURVEY

- List of 4 survey notes regarding owner information, boundaries, and inlets.

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. 708

David L. Jackson



COMPANY: SWN Production Company, LLC

STATE OF WEST VIRGINIA seal and WVDEP address: 601 57TH STREET CHARLESTON, WV 25034

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

DEBORAH CRAIG OHI
OPERATOR'S WELL #: 5H
API WELL #: 47 STATE 069 COUNTY PERMIT

Well type and location details: OIL, WASTE DISPOSAL, PRODUCTION, DEEP, GAS, LIQUID INJECTION, STORAGE, SHALLOW. Watershed: TANYARD RUN OF MIDDLE WHEELING CREEK. District: TRIADELPHIA. County: OHIO. Surface Owner: DEBORAH ANN CRAIG & SETH COLLIN CRAIG. Oil & Gas Royalty Owner: DEBORAH ANN CRAIG & SETH COLLIN CRAIG. 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: 6,550 TVD 12,447 TMD.



WELL OPERATOR: SWN PRODUCTION COMPANY, LLC
ADDRESS: P.O. BOX 1300
CITY: JANE LEW STATE: WV ZIP CODE: 26378
DESIGNATED AGENT: DEE SOUTHALL
ADDRESS: P.O. BOX 1300
CITY: JANE LEW STATE: WV ZIP CODE: 26378

Legend and Revisions table. Legend includes symbols for proposed surface hole, existing wellhead, landing point, existing water well, and existing spring. Revisions table includes Date, Drawn By, Scale, Drawing No, and Well Location Plat.

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ADJOINING OWNERS TABLE			
TRACT	SURFACE OWNER	TAX PARCEL	ACRES
A	OHIO COUNTY DEVELOPMENT AUTHORITY	06-T8-46.8	1.402
B	OHIO COUNTY DEVELOPMENT AUTHORITY	06-T8-46.19	0.33
C	OHIO COUNTY DEVELOPMENT AUTHORITY	06-T8-39.5	1.4452
D	OHIO COUNTY DEVELOPMENT AUTHORITY	06-T8-39.3	0.93
E	OHIO COUNTY DEVELOPMENT AUTHORITY	06-T8-39.6	0.85
F	OHIO COUNTY DEVELOPMENT AUTHORITY	06-T8-39.1	1.31
G	OHIO COUNTY DEVELOPMENT AUTHORITY	06-T8-39.2	1.54
H	OHIO COUNTY DEVELOPMENT AUTHORITY	06-T8-39	1.0842
I	KG DEVELOPMENT LLC	06-T8-39.4	0.9812
J	KG DEVELOPMENT LLC	06-T8-39.7	0.8514
K	OMNIVIA INC.	06-T8-39.8	0.8574
L	WHEELING POWER COMPANY C/O AEP	06-T8-27.12	3.176
M	COUSINS REALTY, INC.	06-T8-27.4	0.464
N	OHIO COUNTY DEVELOPMENT AUTHORITY	06-T8-45.6	3.07
O	OHIO COUNTY DEVELOPMENT AUTHORITY	06-T8-45.3	4.433
P	JONATHAN P. DUGGAN & JAMES DUGGAN	06-T8-46.21	0.99
Q	QUADRANT 11, LLC	06-T8-69	0.321
R	QUADRANT 11, LLC	06-T8-46.16	2.32
S	HOLIDAY INN EXPRESS WHEELING HOSPITALITY	06-T8-46.17	2.42
T	JOHN DUGGAN & ANN DUGGAN	06-T8-46.24	0.125
U	JOHN DUGGAN & ANN DUGGAN	06-T8-46.20	0.39
V	JOHN DUGGAN & ANN DUGGAN	06-T8-46.22	0.72
W	BEVERLY E. KNIERIM	06-T8-46.3	1.00
X	BEVERLY E. KNIERIM	06-T8-47.8	1.00
Y	DONNA L. CROW	06-T8-46.5	0.50
Z	WILLIAM A. CROW	06-T8-47.3	1.0348
AA	JAMES P. RICHMOND & D.L. RICHMOND	06-T8-47.4	1.0003
BB	JEFFREY A. FOSTER	06-T8-47.5	0.6774
CC	LOUIS A. SHELLER & B.M. SHELLER	06-T8-47.7	0.15
DD	LOUIS A. SHELLER & B.M. SHELLER	06-T8-53.3	1.00
EE	CHARLES H. FRYE & D.V. FRYE	06-T8-48	0.468
FF	DEBORAH ANN CRAIG & SETH C. CRAIG	06-T8-52	0.94

02/17/2017

REVISIONS:	COMPANY:	 	
	OPERATOR'S	DEBORAH CRAIG OHI	
	WELL #:	5H	
	DISTRICT:	COUNTY:	STATE:
	TRIADELPHIA	OHIO	WV
			DATE: 12-21-2016
			DRAWN BY: J. COCKERHAM
			SCALE: N/A
			DRAWING NO:
			WELL LOCATION PLAT 2