

Latitude: 39°42'30"

SURFACE HOLE 9,678'

Latitude: 39°40'00"

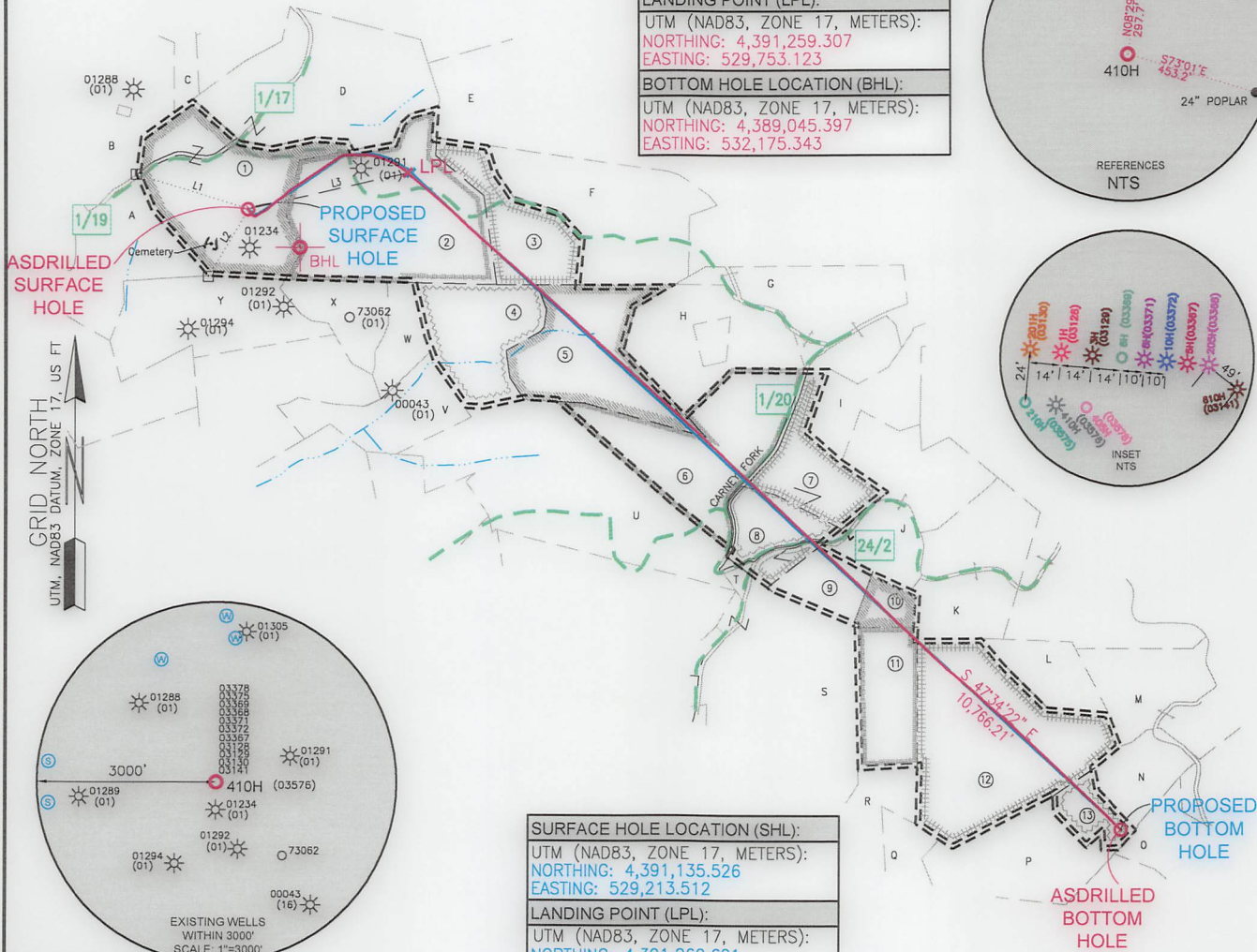
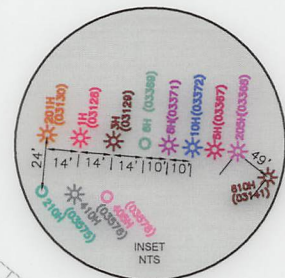
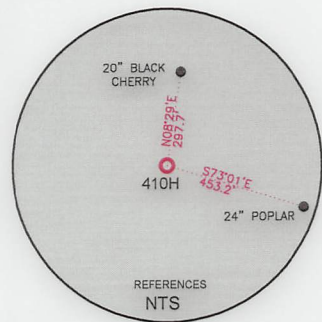
BOTTOM HOLE 11,721'

JACKSON SURVEYING INC.

2413 EAST PIKE ST. # 112
Clarksburg, WV 26302
304-623-5851

Table with columns: LINE, BEARING, DISTANCE, DESCRIPTION, MONUMENT. Contains survey data for lines L1, L2, and L3.

Table with columns: SURFACE HOLE LOCATION (SHL), LANDING POINT (LPL), BOTTOM HOLE LOCATION (BHL). Contains UTM coordinates for each location.



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

WELL RESTRICTIONS

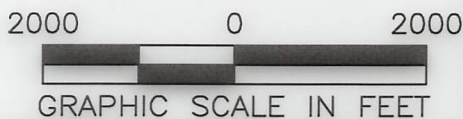
- List of 6 well restrictions including distance from dwellings, buildings, water wells, streams, and public water supply.

NOTES ON SURVEY

- Notes on survey including surface and royalty owner information, boundary accuracy, and certification of the survey.

P.S. 708

Signature of David L. Jackson



COMPANY: 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: GRADE GPS (NAVD 88, US FT)

WILLIAM RITCHEA WTZ
OPERATOR'S WELL #: 410H
API WELL #: 47 103 03576
STATE COUNTY PERMIT

Well type and details form including: WELL TYPE (Oil, Gas, etc.), WATERSHED (FISH CREEK), DISTRICT (PROCTOR), SURFACE OWNER (WILLIAM D. RITCHEA & SHIRLEY E. RITCHEA), OIL & GAS ROYALTY OWNER (WILLIAM D. RITCHEA & SHIRLEY E. RITCHEA), DRILL options, CONVERT options, and TARGET FORMATION (MARCELLUS).

Well operator and agent information: WELL OPERATOR: SWN PRODUCTION COMPANY, LLC; ADDRESS: 1300 FORT PIERPONT ROAD, SUITE 200, CITY: MORGANTOWN, STATE: WV, ZIP CODE: 26508; DESIGNATED AGENT: BRITTIANY WOODY.



Legend and Revisions table. Legend includes symbols for proposed surface/bottom hole, existing wellheads, landing points, water wells, springs, surveyed boundaries, drilling units, lease boundaries, asdrilled paths, and proposed paths. Revisions table includes date (07-11-2023), drawn by (J. COCKERHAM), scale (1" = 2000'), drawing no., and well location plat.

JACKSON SURVEYING
 INC.
 2413 EAST PIKE ST. # 112
 Clarksburg, WV 26302
 304-623-5851

WELL BORE TRACTS		
TRACT	SURFACE OWNER (S) / ROYALTY OWNER (R)	TAX PARCEL
1	RITCHEA WILLIAM D & SHIRLEY E (S/R)	12-15-21
TRACT	SURFACE OWNER (S)	
2	CHRISTY MICHAEL M JR ETAL & HALL SUSAN (S)	12-15-22
3	HEETER HAROLD JR ETAL (S)	12-15-23
4	BROWN SANDY K (S)	12-15-28
5	YOHO KIMBERLY & KEITH ALLEN (S)	12-15-29
6	MELOTT TERREL L (S)	01-10-10
7	GREATHOUSE SHIRLEY (S)	01-10-11
8	BARD VANESSA (S)	01-10-11.1
9	GREATHOUSE SHIRLEY (S)	SHOWN AS P/O 01-10-25 SHOULD BE P/O 01-10-11
10	MCMILLEN SHARON J (S)	P/o 01-10-25
11	MCMILLEN SHARON J (S)	01-10-34
12	MCMILLEN SHARON J (S)	01-10-35
13	MCMILLEN SHARON J (S)	01-10-51

ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER	TAX PARCEL
A	PITOSCIA WILLIAM R	12-14-27
B	PITOSCIA WILLIAM R	12-14-16
C	URBANEK SCOTT J & CHRYSAL A	12-15-13
D	LEMASTERS H C HRS & MANKER CHARLES V REVOC LIVING TR	12-15-18
E	LEMASTERS DOLLY G EST	12-15-19
F	FERRELL HANNAH RAINE & FERRELL JOSEPH ROSS	12-15-24
G	WYKERT WAYNE & ASHLEY	01-10-14
H	WOOD GLENN & TAMELA P	01-10-09
I	MUSGRAVE CHARLES & PATRICIA	01-10-04
J	MUSGRAVE CHARLES & PATRICIA	01-10-12
K	CRANE DONALD N	01-10-24
L	MCMILLEN SHARON J	LISTED INCORRECTLY AS P/O 01-10-25
M	HENDERSON AMIE LEE	01-10-36
N	HENDERSON AMIE LEE	01-10-37
O	MILLER JOHN G ETAL	01-10-52
P	MCMILLEN SHARON J	01-10-49
Q	COASTAL FOREST RESOURCES CO	01-14-03
R	FLEMING DEAN & ETAL	01-10-48
S	MCCRAY LINDA ETAL	01-10-33
T	WYKERT ERIC D	01-10-23
U	MELOTT TERREL LEMOYN	01-10-22
V	LEMASTERS HAROLD E & BETTY L	12-15-32
W	BROWN SANDY K	12-15-27
X	CHRISTY MICHAEL M JR ETAL & HALL SUSAN	12-15-26
Y	CHRISTY MICHAEL M JR ETAL & HALL SUSAN	12-15-25

02/16/2024

REVISIONS:	COMPANY:		
			
	OPERATOR'S	WILLIAM RITCHEA WTZ	API #:
	WELL #:	410H	47-103-03576
	DISTRICT:	COUNTY:	STATE:
	PROCTOR	WETZEL	WV
			DATE: 07-11-2023
			DRAWN BY: J. COCKERHAM
			SCALE: N/A
			DRAWING NO:
			WELL LOCATION PLAT 2