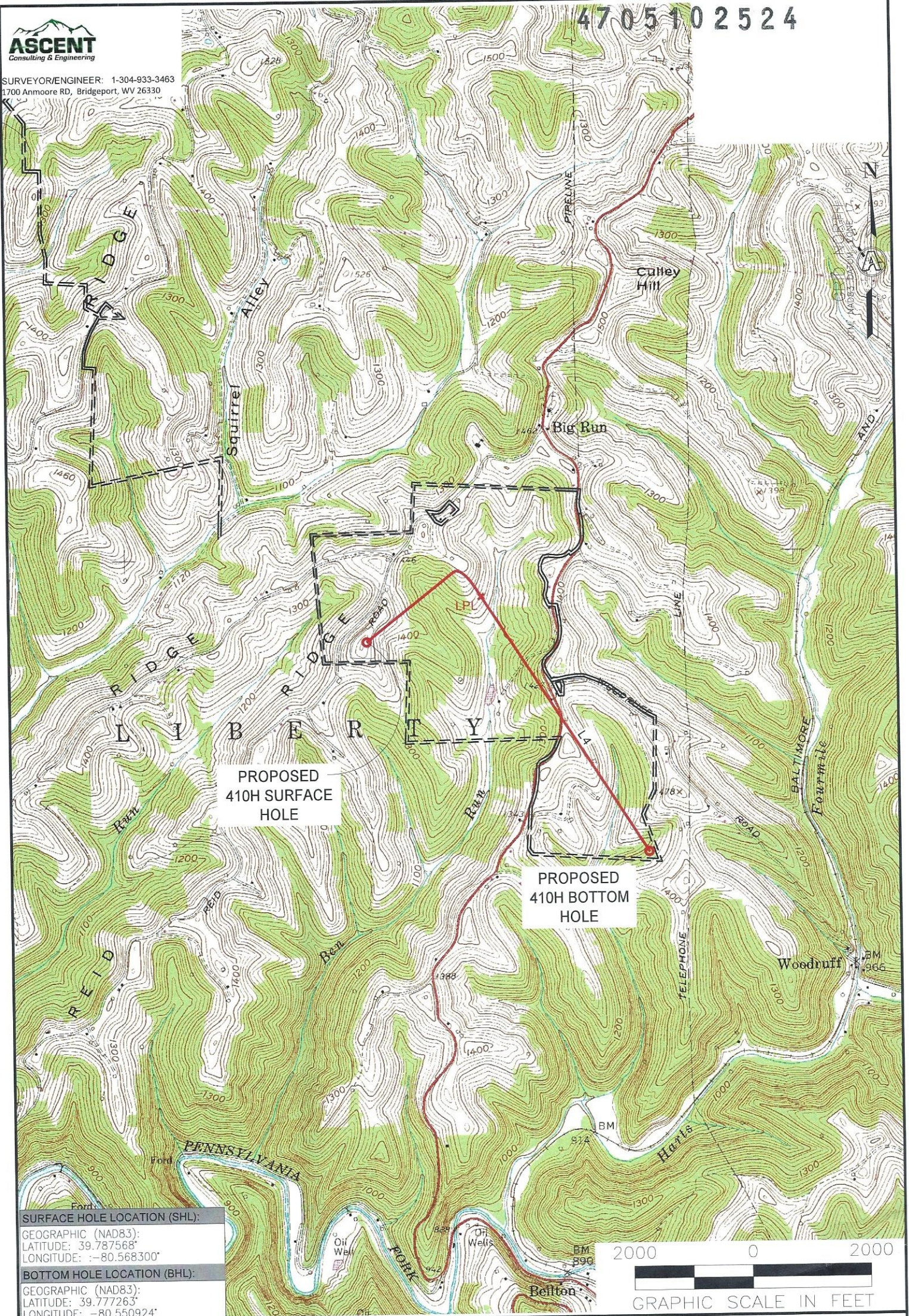




SURVEYOR/ENGINEER: 1-304-933-3463
1700 Anmoore RD, Bridgeport, WV 26330

4705102524



PROPOSED
410H SURFACE
HOLE

PROPOSED
410H BOTTOM
HOLE

SURFACE HOLE LOCATION (SHL):

GEOGRAPHIC (NAD83):
LATITUDE: 39.787568°
LONGITUDE: -80.568300°

BOTTOM HOLE LOCATION (BHL):

GEOGRAPHIC (NAD83):
LATITUDE: 39.777263°
LONGITUDE: -80.550924°

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.
4. ALL INSETS ARE GRID NORTH UNLESS OTHERWISE DEPICTED.

LEGEND:

- PROPOSED SURFACE HOLE / BOTTOM HOLE
- EXISTING / PRODUCING WELLHEAD
- FLOOD PLAIN
- PUBLIC ROAD
- ACCESS ROAD TO PREV. SITE
- LEASE BOUNDARY
- PROPOSED PATH



11/22/2024

WELL OPERATOR:
SWN PRODUCTION COMPANY, LLC

ADDRESS:
1300 FORT PIERPONT DRIVE, SUITE 201

SURFACE OWNER:
JOHN C. RICHARDS, et ux

WELL (FARM) NAME:
SONIA R MSH

WELL #
410H

SERIAL #
XXXX

COUNTY - CODE
MARSHALL - 25

USGS 7 1/2 QUADRANGLE MAP NAME
WHEELING, WV

DISTRICT;
LIBERTY

LATITUDE: 39°47'30"

SURFACE HOLE 7,482'

LATITUDE: 39°47'30" BOTTOM HOLE 2,601'



LINE	BEARING	DISTANCE	DESCRIPTION	MONUMENT
L1	S 64°25'50" W	862.33'	SHL TO MONUMENT	STONE MONUMENT
L2	N 46°43'06" E	1,063.46'	SHL TO MONUMENT	STONE MONUMENT
L3	N 68°57'36" E	2,159.14'	SHL TO LPL	SHL TO LPL
L4	S 32°38'38" E	5,348.07'	LPL TO BHL	LPL TO BHL

SURVEYOR/ENGINEER: 1-304-933-3463
 1700 ANMOORE RD,
 BRIDGEPORT, WV 26330



SURFACE HOLE LOCATION (SHL):

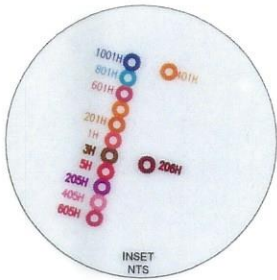
UTM (NAD83, ZONE 17, METERS):
 NORTHING: 4,404,268.859
 EASTING: 536,963.808

LANDING POINT (LPL):

UTM (NAD83, ZONE 17, METERS):
 NORTHING: 4,404,505.131
 EASTING: 537,578.039

BOTTOM HOLE LOCATION (BHL):

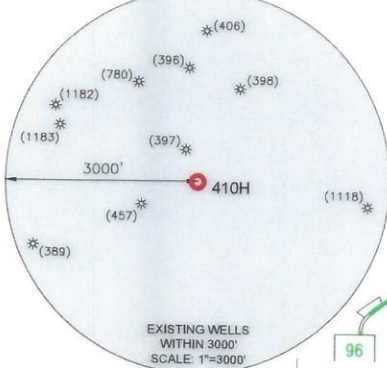
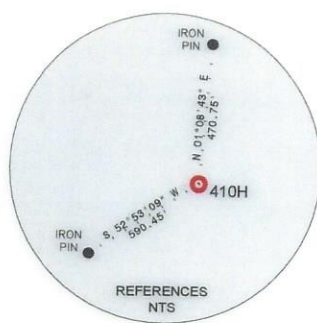
UTM (NAD83, ZONE 17, METERS):
 NORTHING: 4,403,132.528
 EASTING: 538,457.340



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



WELL BORE TRACTS		
TRACT	SURFACE OWNER (S) / ROYALTY OWNER (R)	TAX PARCEL
1	JOHN C. RICHARDS, et ux (S) / AMP IV, LP; CYNTHIA SUE DAVIS; FRANK D. ROBINSON; JENNIE ROBINSON (R)	7-11-13
TRACT	SURFACE OWNER (S)	TAX PARCEL
2	REID JAMES L & SHERRY L	7-12-1
3	O'NEIL GARRETT D & AMY L	7-12-7
4	TEDROW ROBERT A & ROSE M	7-12-7.1
5	SCHERRICK KEITH A ET UX	7-12-7.2
6	EARNEST LLOYD & DONNA FAMILY TRUST	7-12-10
7	EARNEST JANICE L TRUST - LIFE WARSINSKY ANDREW	7-12-9



WELL RESTRICTIONS

- NO OCCUPIED DWELLINGS > 2500 SQ FT. WITHIN 625 FEET OF CENTER OF PAD.
- NO AGRICULTURE BUILDINGS > 2500 SQ FT. WITHIN 625 FEET OF CENTER OF PAD.
- NO WATER WELLS OR DEVELOPED SPRINGS ARE WITHIN 250 FEET OF PROPOSED WELL.
- PERENNIAL STREAMS, LAKES, PONDS, OR RESERVOIRS WITHIN 100 FEET OF THE LIMITS OF DISTURBANCE.
- NO NATURALLY PRODUCING TROUT STREAM WITHIN 300 FEET OF LIMITS OF DISTURBANCE.
- NO GROUND INTAKE OR PUBLIC WATER SUPPLY WITHIN 1000 FEET OF WELL PAD, LIMITS OF DISTURBANCE, E & S CONTROLS OR PUBLIC WATER SUPPLY.

NOTES ON SURVEY

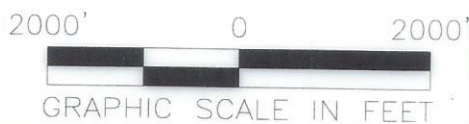
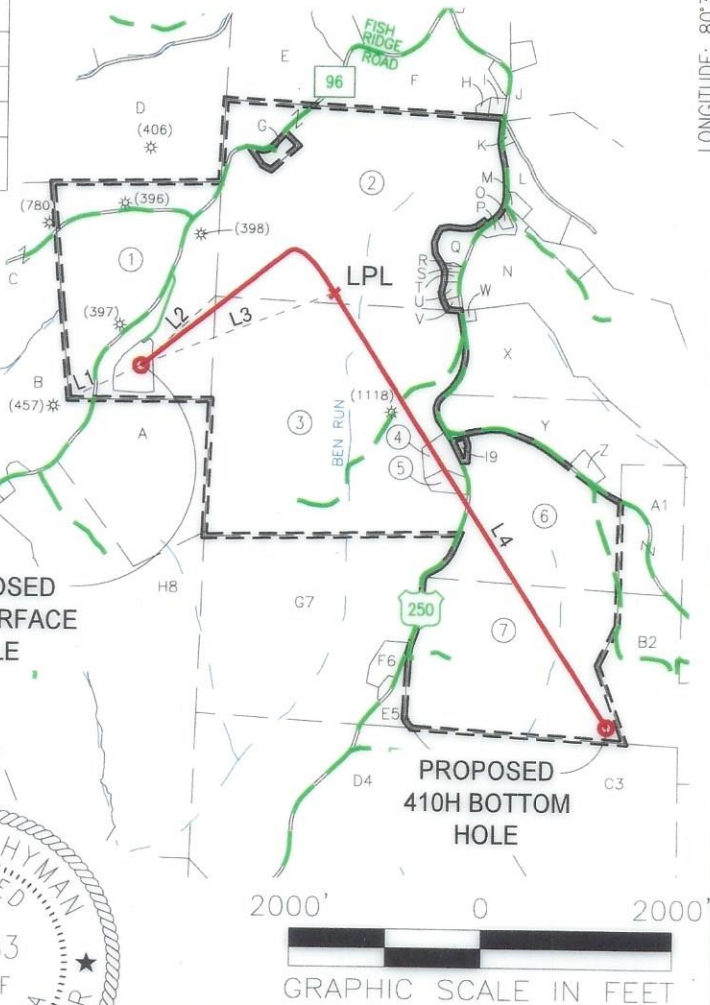
- TIES TO WELLS AND CORNERS ARE BASED ON UTM, NAD83 DATUM, ZONE 17, US FT.
- WELL LAT./LONG ESTABLISHED BY DIRECT GPS NAD '83.
- BOUNDARIES SHOWN ARE TAKEN FROM TAX MAPS, DEEDS, AND FIELD SURVEY. THIS DRAWING IS NOT REPRESENTATIVE OF A FULL BOUNDARY SURVEY.
- SURFACE OWNER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF OHIO COUNTY IN OCTOBER OF 2021.
- WELLS SHOWN ARE TAKEN FROM RECORDS OF WVDEP.

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.

Michael R. Hyman

09-24-2024

P.S. 983



LONGITUDE: 80°32'30" SURFACE HOLE 1,493'

COMPANY: **SWN** Production Company, LLC **SWN** Production 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 SURVEY SOURCE OF ELEVATION: GRADE GPS (NAVD 88, US FT)	OPERATOR'S WELL #: SONIA R MSH 410H API WELL #: 47 STATE 51 COUNTY 02524 PERMIT
---	--	--

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

WATERSHED: UPPER OHIO-WHEELING ELEVATION: 1533.10'

DISTRICT: LIBERTY COUNTY: MARSHALL QUADRANGLE: CAMERON 7.5', WV

SURFACE OWNER: JOHN C. RICHARDS, et ux ACREAGE: ±83.00

OIL & GAS ROYALTY OWNER: AMP IV, LP; CYNTHIA SUE DAVIS; FRANK D. ROBINSON; JENNIE ROBINSON ACREAGE: ±83.00

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

CONVERT PLUG & ABANDON CLEAN OUT & REPLUG OTHER CHANGE (SPECIFY) xxxxxxxx **11/22/2024**

TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: 7,610 TVD 13,504 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: PROPOSED SURFACE HOLE / BOTTOM HOLE EXISTING / PRODUCING WELLHEAD EXISTING WATER WELL EXISTING SPRING SURVEYED BOUNDARY DRILLING UNIT LEASE BOUNDARY PROPOSED PATH	REVISIONS: <table border="1"> <tr> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> </tr> </table>							DATE: 09-25-2024 FILE NO.: DRAWN BY: TMF SCALE: 1" = 2500' DRAWING NO: ACE-2257 WELL LOCATION PLAT





SURVEYOR/ENGINEER: 1-304-933-3463
 1700 ANMOORE RD,
 BRIDGEPORT, WV 26330

ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER	TAX PARCEL
A	MACKEY ROY A ET AL	7-11-14
B	BAKER MARK ALLEN	7-11-15.2
C	MCCURDY TIMOTHY S	7-11-12
D	STEWART KIMBERLY A	7-6-21
E	REID JAMES P ZERVOS SHAWNA L & CROW BRADLEY A	7-6-27
F	BIG RUN CHRISTIAN CHURCH TR	7-5-6
G	REID JAMES LAWRENCE ET UX	7-12-1.2
H	PETTIT LILA	7-5-6.3
I	PETTIT LILA L	7-5-6.1
J	PETTIT MICHAEL R ET UX	7-5-7
K	CHAMBERS JOHN W	7-12-3
L	CHAMBERS LAWRENCE D & JOHN W	7-12-2
M	MIDCAP LESLIE J & VIRGINIA M	7-12-2.1
N	MIDCAP LESLIE ET UX	7-12-4
O	ROHM GREG R	7-12-4.1
P	ROHM GREG R	7-12-4.3
Q	FOX MARGARET O - TOD	7-12-1.4
R	DARMAFALL JOSEPH W III & CHELSIE J	7-12-1.6
S	DARMAFALL JOSEPH W III & CHELSIE J	7-12-1.5
T	DARMAFALL JOSEPH W III & CHELSIE J	7-12-1.3
U	LOGSDON TERRY & DONNA	7-12-1.1
V	YEATER JARED P & TERESA	7-12-6
W	CUMPSTON SANDRA & KEITH IRREVOCABLE TRUST	7-12-5.1
X	CUMPSTON SANDRA & KEITH IRREVOCABLE TRUST	7-12-5
Y	EARNEST LLOYD & DONNA FAMILY TRUST	7-12-10.2
Z	EARNEST LLOYD & DONNA FAMILY TRUST	7-12-10.1
A1	GREGG SANDRA J	7-12-11
B2	EARNEST LLOYD L & DONNA FAM TR & JANICE LEE	7-12-12
C3	EARNEST LLOYD L & DONNA FAM TR & JANICE LEE	7-14-1
D4	APPALACHIA MIDSTREAM SERVICES LLC	7-15-6
E5	APPALACHIA MIDSTREAM SERVICES LLC	7-12-8.2
F6	APPALACHIA MIDSTREAM SERVICES LLC	7-12-8.1
G7	KIRKENDALL SAMUEL D & CHRISTINE	7-12-8
H8	MCCOMBS DOUGLAS R & REBECCA J	7-11-19
I9	EARNEST LLOYD & DONNA FAMILY TRUST	7-12-10.3

*HIGHLIGHTED PARCELS MAY BE IMPACTED DURING DRILLING.

11/22/2024

47-051-02524

REVISIONS:	COMPANY:		 	
	OPERATOR'S		SONIA R MSH	
	WELL #:		410H	
	DISTRICT:	COUNTY:	STATE:	DATE:
LIBERTY	MARSHALL	WV	09-25-2024	
			DRAWN BY: TMF	
			SCALE: N/A	
			DRAWING NO: ACE-2257	
			WELL LOCATION PLAT	