



320 O'Bryan Lane • Van Buren, AR 72956
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Surveying • handa-inc.com

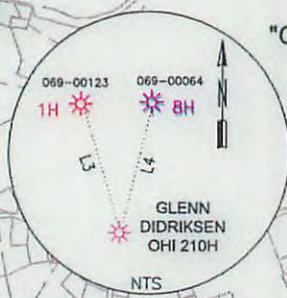
LINE	BEARING	DISTANCE	DESCRIPTION	MONUMENT
L1	S 21°29'27" E	286.30'	SHL TO LANDMARK	FOUND POST
L2	N 50°28'26" E	1107.87'	SHL TO LANDMARK	FOUND REBAR
L3	N 11°38'24" W	58.40'	SHL TO REF. PNT.	GLENN DIDRIKSEN OHI 1H WELLHEAD (069-00123)
L4	N 13°10'27" E	59.39'	SHL TO REF. PNT.	GLENN DIDRIKSEN OHI 8H WELLHEAD (069-00064)
LINE	CHORD BEARING	CHORD DIST.	CURVE LENGTH	DESCRIPTION
L5	N 88°33'54" E	1708.00'		SHL TO LP
L6	S 31°19'22" E	6338.98'		LP TO BHL

Latitude: 40°07'30"
Longitude: 80°35'00"

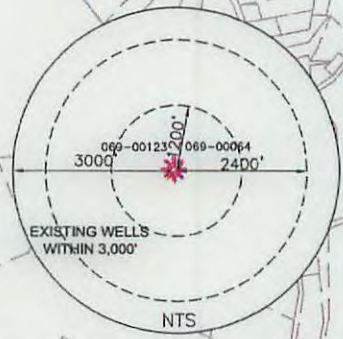
TRACT	SURFACE OWNER (S) ROYALTY OWNER (R)	TAX PARCEL	ACRES	LEASE NUMBER
1	GLENN DIDRIKSEN (S) D&D FAST FOOD, INC. (R)	3-L7-42	47.93	
2	DENSE KNOUSE-SNYDER AND STEPHEN P. SNYDER (S/R)	3-L7-42.1	22.32	1-268336-000
3	ROBERT WALTER & DONNA JEAN LASCH (S/R)	3-L10-40	141.71	1-313594-001
4	WILLIAM H. TAGGART (S/R)	3-L10-41.1	42.66	1-385461-000
5	RONALD LEMASTERS & HELEN LEMASTERS (S)	3-L10-42	5.00	
6	RICHARD J. SCOTT & KAREN SUE SCOTT (R)	3-L10-42	5.00	1-385463-000
7	C. DWANE BUTTS & LINDA J. BUTTS (S/R)	3-L10-43	79.74	1-313596-001
8	ERIC W. LITTLE (S/R)	3-L10-49	121.50	1-385466-001

SHL TO "S" #1	N 58°12'06" E	1501.69'
SHL TO "S" #2	N 75°25'03" E	1356.32'
SHL TO WATER WELL	N 82°01'29" E	1355.15'

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

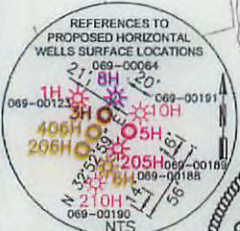


SWN PRODUCTION COMPANY, LLC
"GLENN DIDRIKSEN OHI 210H"
SURFACE HOLE
ELEV: 1,382.2'



- 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 OCCUPIED DWELLINGS AND AGRICULTURE BUILDINGS GREATER THAN 2500 SQ FT. WITHIN 625 FEET OF PROPOSED OF CENTER OF PAD.
 - NO WATER WELLS OR DEVELOPED SPRINGS WITHIN 250 FEET OF PROPOSED WELL.
 - NO 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.

SURFACE HOLE LOCATION (SHL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,440,478.640 EASTING: 534,507.250
LANDING POINT (LP):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,440,491.677 EASTING: 535,027.686
BOTTOM HOLE LOCATION (BHL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,438,841.157 EASTING: 536,032.119



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. 2315

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

GLENN DIDRIKSEN OHI
OPERATOR'S WELL #: 210H
API WELL #: 47 69 00190
STATE COUNTY PERMIT

WELL TYPE: OIL | WASTE DISPOSAL | PRODUCTION | DEEP | GAS | LIQUID INJECTION | STORAGE | SHALLOW
WATERSHED: LITTLE WHEELING CREEK
DISTRICT: LIBERTY COUNTY: OHIO
SURFACE OWNER: GLENN DIDRIKSEN
OIL & GAS ROYALTY OWNER: D&D FAST FOOD, INC.
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 DEPTH: 6,452' TVD, 13,518' 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:	REVISIONS:	DATE:
○ PROPOSED SURFACE HOLE / BOTTOM HOLE	△ REVISED SHL, LP, & BHL FOR ASDRILLED	07-21-2015
⊙ EXISTING / PRODUCING WELLHEAD	DIRECTIONAL PATH 11-16-2015	
⊗ ABANDONED WELL	△ REVISED ASDRILLED & PERMITTED DIRECTIONAL PATH COLOR, ADD LP COORDINATES 02-09-2016	
⊕ PLUGGED & ABANDONED WELL		
△ CUT CONDUCTOR		
--- LEASE BOUNDARY		
--- AS-DRILLED PATH		
--- PERMITTED DIRECTIONAL PATH		
--- ABANDONED PATH		