



SWN Production Company, LLC
P O Box 12359
Spring, Texas 77381-2359
www.swn.com

Via Federal Express

August 13, 2020

State of West Virginia
Department of Environmental Protection
Office of Oil & Gas
601 57th Street
Charleston, WV 25304

RE: SWN Production Company, LLC
Operator ID: 494512924
Regulatory Filings: WR-34 & WR-35

To Whom It May Concern:

Please find enclosed form WR-34 Discharge Monitoring Report and WR-35 Operator's Report of Well Work along with supporting documentation, for the wells listed below :

API	Well Name
47-069-00324	Gary Kestner OHI 8H
47-069-00307	Gary Kestner OHI 10H
47-069-00305	Gary Kestner OHI 210H
47-069-00306	Gary Kestner OHI 410H

If you have any questions or require additional information, please contact me via email at liz_gee@swn.com or telephone at (832) 796-2873.

Sincerely,

Elizabeth Gee
Staff Regulatory Analyst
SW Appalachia Division

/lg
Encl.

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State of West Virginia
Department of Environmental Protection - Office of Oil and Gas
Well Operator's Report of Well Work

API 47-069-00324 County OHIO District LIBERTY
Quad BETHANY Pad Name GARY KESTNER OHI PAD Field/Pool Name PANHANDLE FIELD WEST
Farm name GARY KESTNER & TERRY KESTNER Well Number GARY KESTNER OHI 8H
Operator (as registered with the OOG) SWN PRODUCTION COMPANY, LLC
Address PO BOX 12359 City SPRING State TX Zip 77391-2359

As Drilled location NAD 83/UTM Attach an as-drilled plat, profile view, and deviation survey
Top hole Northing 4,444,351.498 Easting 539,068.282
Landing Point of Curve Northing 4,444,136.748 Easting 538,820.497
Bottom Hole Northing 4,442,047.367 Easting 539,761.712

Elevation (ft) 1,291.2' GL Type of Well New Existing Type of Report Interim Final
Permit Type Deviated Horizontal Horizontal 6A Vertical Depth Type Deep Shallow
Type of Operation Convert Deepen Drill Plug Back Redrilling Rework Stimulate
Well Type Brine Disposal CBM Gas Oil Secondary Recovery Solution Mining Storage Other

Type of Completion Single Multiple Fluids Produced Brine Gas NGL Oil Other
Drilled with Cable Rotary


Drilling Media Surface hole Air Mud Fresh Water Intermediate hole Air Mud Fresh Water Brine
Production hole Air Mud Fresh Water Brine

Mud Type(s) and Additive(s)
SOBM

Date permit issued 12/12/2019 Date drilling commenced 2/14/2020 Date drilling ceased 2/29/2020
Date completion activities began 4/01/2020 Date completion activities ceased 5/19/2020
Verbal plugging (Y/N) N Date permission granted N/A Granted by N/A

Please note: Operator is required to submit a plugging application within 5 days of verbal permission to plug RECEIVED
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Freshwater depth(s) ft 635 Open mine(s) (Y/N) depths Environmental Protection
Salt water depth(s) ft 780 Void(s) encountered (Y/N) depths Y
Coal depth(s) ft 635 (Coal void filled with FW) Cavern(s) encountered (Y/N) depths N
Is coal being mined in area (Y/N) N

Reviewed by: 
8-10-13-20

API 47-069 - 00324 Farm name GARY KESTNER & TERRY KESTNER Well number GARY KESTNER OHI 8H

CASING STRINGS	Hole Size	Casing Size	Depth	New or Used	Grade wt/ft	Basket Depth(s)	Did cement circulate (Y/N) * Provide details below*
Conductor	24	20	126	NEW	H-40/94#		Y
Surface	17.5	13.375	714	NEW	J-55/54.50#	506.5	Y, 21 BBLS
Coal	SEE SURFACE						
Intermediate 1	12.25	9.625	2045	NEW	J-55/36#		Y, 30 BBLS
Intermediate 2							
Intermediate 3							
Production	8.75/8.50	5.5	14552	NEW	P-110/20#		Y, 20 BBLS
Tubing		2.875	6955	NEW	P-110/6.50#		N
Packer type and depth set							

Comment Details

CEMENT DATA	Class/Type of Cement	Number of Sacks	Slurry wt (ppg)	Yield (ft ³ /sks)	Volume (ft ³)	Cement Top (MD)	WOC (hrs)
Conductor	CLASS A	GROUT TO SURFACE				SURFACE	24
Surface	CLASS A	642	15.60	1.20	770.40	SURFACE	8
Coal	SEE SURFACE						
Intermediate 1	CLASS A	730	15.60	1.19	868.70	SURFACE	8
Intermediate 2							
Intermediate 3							
Production	CLASS A	2,355	15.60	1.21	2,849.55	SURFACE	24
Tubing							

Drillers TD (ft) 14,552'

Loggers TD (ft) 14,552'

Deepest formation penetrated MARCELLUS

Plug back to (ft) N/A

Plug back procedure N/A

Kick off depth (ft) 5,976'

Check all wireline logs run caliper density deviated/directional induction neutron resistivity gamma ray temperature sonic

Well cored Yes No Conventional Sidewall Were cuttings collected Yes No

DESCRIBE THE CENTRALIZER PLACEMENT USED FOR EACH CASING STRING

SURFACE: 7 CENTRALIZERS - EVERY THIRD JOINT OF CASING

INTERMEDIATE: 24 CENTRALIZERS - EVERY THIRD JOINT OF CASING

PRODUCTION: 181 CENTRALIZERS - EVERY THIRD JOINT FROM SURFACE TO TOP OF CURVE, THEN EVERY JOINT UNTIL TD

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WAS WELL COMPLETED AS SHOT HOLE Yes No DETAILS DETAILS

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WAS WELL COMPLETED OPEN HOLE? Yes No DETAILS

WERE TRACERS USED Yes No TYPE OF TRACER(S) USED

**GARY KESTNER OHI 8H
ATTACHMENT 1
PERF REPORT**

1	3/27/2020	14,469	14,376	36
2	4/12/2020	14,340	14,159	36
3	4/16/2020	14,122	13,945	36
4	4/16/2020	13,911	13,730	36
5	4/17/2020	13,697	13,516	36
6	4/17/2020	13,482	13,301	36
7	4/17/2020	13,268	13,088	36
8	4/17/2020	13,053	12,872	36
9	4/18/2020	12,839	12,658	36
10	4/18/2020	12,622	12,443	36
11	4/18/2020	12,410	12,229	36
12	4/18/2020	12,195	12,014	36
13	4/19/2020	11,981	11,800	36
14	4/19/2020	11,766	11,585	36
15	4/19/2020	11,557	11,371	36
16	4/20/2020	11,337	11,156	30
17	4/20/2020	11,123	10,942	30
18	4/20/2020	10,908	10,727	30
19	4/20/2020	10,694	10,511	30
20	4/21/2020	10,476	10,298	30
21	4/22/2020	10,265	10,084	30
22	4/22/2020	10,050	9,869	30
23	4/22/2020	9,836	9,655	30
24	4/23/2020	9,621	9,440	30
25	4/23/2020	9,407	9,224	30
26	4/23/2020	9,193	9,011	30
27	4/24/2020	8,976	8,797	30
28	4/24/2020	8,763	8,582	30
29	4/24/2020	8,549	8,368	30
30	4/24/2020	8,334	8,153	30
31	4/24/2020	8,120	7,939	30
32	4/25/2020	7,905	7,723	30
33	4/25/2020	7,691	7,510	30
34	4/25/2020	7,478	7,295	30
35	4/25/2020	7,262	7,081	27
36	4/25/2020	7,047	6,866	27

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GARY KESTNER OHI 8H
 ATTACHMENT 2
 STIM REPORT

1	4/2/2020	98.2	7,747	6,840	4,027	311,910	8,406	0
2	4/16/2020	99.4	7,911	5,732	4,540	317,755	9,250	0
3	4/16/2020	100	7,781	5,349	4,400	316,190	8,549	0
4	4/16/2020	100.1	7,743	5,851	4,435	320,925	8,598	0
5	4/17/2020	100	7,689	5,925	4,550	315,775	8,800	0
6	4/17/2020	100	7,749	6,133	4,389	312,140	8,543	0
7	4/17/2020	99.4	7,887	6,215	4,727	313,680	8,568	0
8	4/18/2020	93.3	7,643	5,935	4,412	315,775	8,607	0
9	4/18/2020	100	7,839	5,495	4,395	322,922	8,580	0
10	4/18/2020	100	7,800	6,082	4,249	313,330	8,443	0
11	4/18/2020	99.4	7,963	5,860	4,494	314,125	8,499	0
12	4/19/2020	99	8,126	5,986	4,459	313,505	8,500	0
13	4/19/2020	98	7,909	6,454	4,381	311,775	8,387	0
14	4/19/2020	99.6	7,976	6,495	4,386	312,350	8,430	0
15	4/19/2020	99.2	7,897	6,273	4,316	314,445	8,379	0
16	4/20/2020	100	7,668	5,854	4,429	319,335	8,600	0
17	4/20/2020	100	7,658	6,266	4,483	311,450	8,502	0
18	4/20/2020	99.9	7,713	5,773	4,292	315,290	8,472	0
19	4/20/2020	99.4	7,837	5,797	4,265	310,130	8,334	0
20	4/21/2020	100	7,505	5,816	4,360	311,835	8,329	0
21	4/22/2020	100	7,625	5,945	4,297	311,960	8,587	0
22	4/22/2020	100	7,789	5,921	4,364	313,485	8,503	0
23	4/22/2020	97.9	7,550	5,442	4,380	311,835	8,296	0
24	4/23/2020	100	7,621	5,416	4,329	313,105	8,458	0
25	4/23/2020	98	7,607	5,190	4,361	314,580	8,413	0
26	4/23/2020	99.6	7,473	5,803	4,313	313,095	8,323	0
27	4/24/2020	100	7,410	5,390	4,344	310,150	8,179	0
28	4/24/2020	100	7,438	5,747	4,398	317,950	8,430	0
29	4/24/2020	100	7,480	5,987	4,362	313,885	8,387	0
30	4/24/2020	99.7	7,275	5,548	4,326	312,595	8,516	0
31	4/24/2020	92.8	7,022	5,110	4,324	303,325	8,437	0
32	4/25/2020	100	7,041	5,320	4,390	314,720	8,342	0
33	4/25/2020	100	7,237	5,549	4,357	321,165	8,560	0
34	4/25/2020	100	7,074	5,338	4,209	313,518	8,303	0
35	4/25/2020	97.5	7,460	5,358	4,360	315,990	8,329	0
36	4/25/2020	99.6	7,152	5,363	4,361	316,080	8,548	0

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Southwestern Energy™

Well Name:

Gary Kestner OHI 8H

47069003240000

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LITHOLOGY/FORMATION	TOP DEPTH, MD (FT)	TOP DEPTH, TVD (FT)	BOTTOM DEPTH, MD (FT)	BOTTOM DEPTH, TVD (FT)	QUANTITY AND TYPE OF FLUID
Base of Fresh Water	0.00	0.00	635.00	635.00	
Top of Salt Water	780.00	780.00	NA	NA	
Pittsburgh Coal	635.00	635.00	646.00	646.00	
Pottsville (ss)	770.00	770.00	1386.00	1386.00	
Raven Cliff (ss)	1386.00	1386.00	1817.00	1814.00	
Big Injun (ss)	1817.00	1814.00	2292.00	2292.00	
Berea (siltstone)	2295.00	2292.00	5909.00	5839.00	
Rhinestreet (shale)	6019.00	5839.00	6318.00	6115.00	
Cashqua (shale)	6318.00	6115.00	6388.00	6176.00	
Middlesex (shale)	6388.00	6176.00	6487.00	6255.00	
Burket (shale)	6487.00	6255.00	6512.00	6273.00	
Tully (ls)	6512.00	6273.00	6565.00	6311.00	
Mahantango (shale)	6565.00	6311.00	6769.00	6421.00	
Marcellus (shale)	6769.00	6421.00	NA	NA	GAS

Hydraulic Fracturing Fluid Product Component Information Disclosure

Job Start Date: 4/2/2020

Job End Date: 4/25/2020

State: West Virginia

County: Ohio

API Number: 47-069-00324-00-00

Operator Name: Southwestern Energy

Well Name and Number: Gary Kestner OH1 8

Latitude: 40.14860000

Longitude: -80.54130000

Datum: NAD83

NO

NO

6,502

12,753,132

0

Job Start Date:

Job End Date:

State:

County:

API Number:

Operator Name:

Well Name and Number:

Latitude:

Longitude:

Datum:

Federal Well:

Indian Well:

True Vertical Depth:

Total Base Water Volume (gal):

Total Base Non Water Volume:

Hydraulic Fracturing Fluid Composition:

Trade Name	Supplier	Purpose	Ingredients	Chemical Abstract Number (CAS #)	Maximum Ingredient Concentration (% by mass)**	Maximum Ingredient Concentration in HF Fluid (% by mass)**	Comments
Fresh Water	Halliburton	Base Fluid					
Ingredient	Listed Above	Listed Above					
			Water	7732-18-5	100.00000	89.89973	Density = 8.34
			Water	7732-18-5	100.00000	0.41668	

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0.04960	60.00000	Proprietary	Complex Amine Compound
0.03312	36.00000	7647-01-0	Hydrochloric acid
0.02480	30.00000	64742-47-8	Hydrotreated light petroleum distillate
0.02332	60.00000	7631-99-4	Sodium nitrate
0.00543	60.00000	67-56-1	Methanol
0.00413	5.00000	Proprietary	Ethoxylated alcohols
0.00194	5.00000	10102-40-6	Sodium molybdate
0.00083	1.00000	124-04-9	Adipic acid
0.00083	1.00000	69011-36-5	Poly(oxy-1,2-ethanediyl), alpha-tridecyl-omega-hydroxy-, branched
0.00070	60.00000	64-19-7	Acetic acid
0.00049	5.00000	7647-14-5	Sodium chloride
0.00046	40.00000	77-92-9	Citric acid
0.00045	5.00000	Proprietary	Phosphoric Acid Salt
0.00016	40.00000	107-21-1	Ethylene glycol
0.00007	19.00000	112-30-1	1-Decanol
0.00007	19.00000	104-55-2	Cinnamaldehyde
0.00007	19.00000	9016-45-9	Poly(oxy-1,2-ethandiyl), .alpha.-(nonylphenyl)-.omega.-hydroxy-
0.00007	19.00000	68-12-2	N,N-Dimethylformamide
0.00004	10.00000	72480-70-7	Tar bases, quinoline derivatives, benzyl chloride- quaternized
0.00004	10.00000	67-63-0	Isopropyl alcohol
0.00004	10.00000	111-76-2	2-Butoxyethanol
0.00004	0.10000	127-09-3	Sodium acetate
0.00004	0.10000	7778-77-0	Monopotassium phosphate
0.00004	0.10000	8013-01-2	Yeast extract
0.00004	0.10000	72-17-3	Sodium lactate
0.00001	0.10000	50-00-0	Formaldehyde

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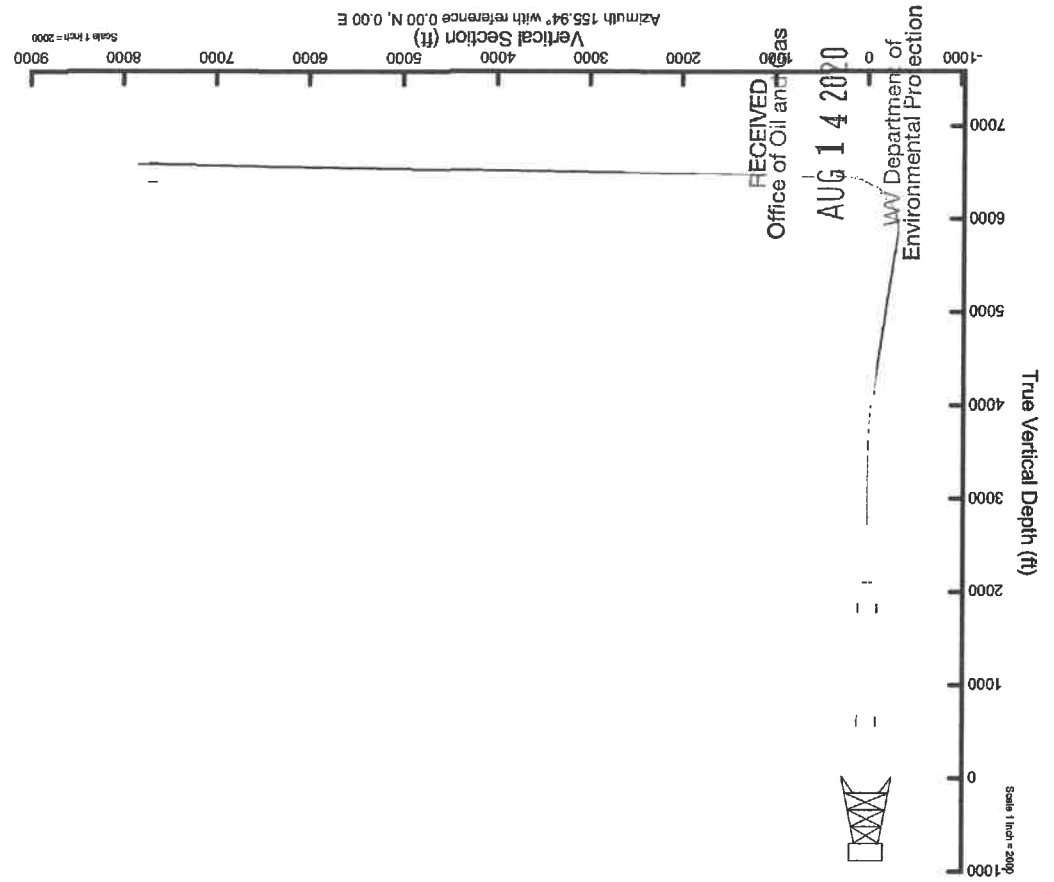
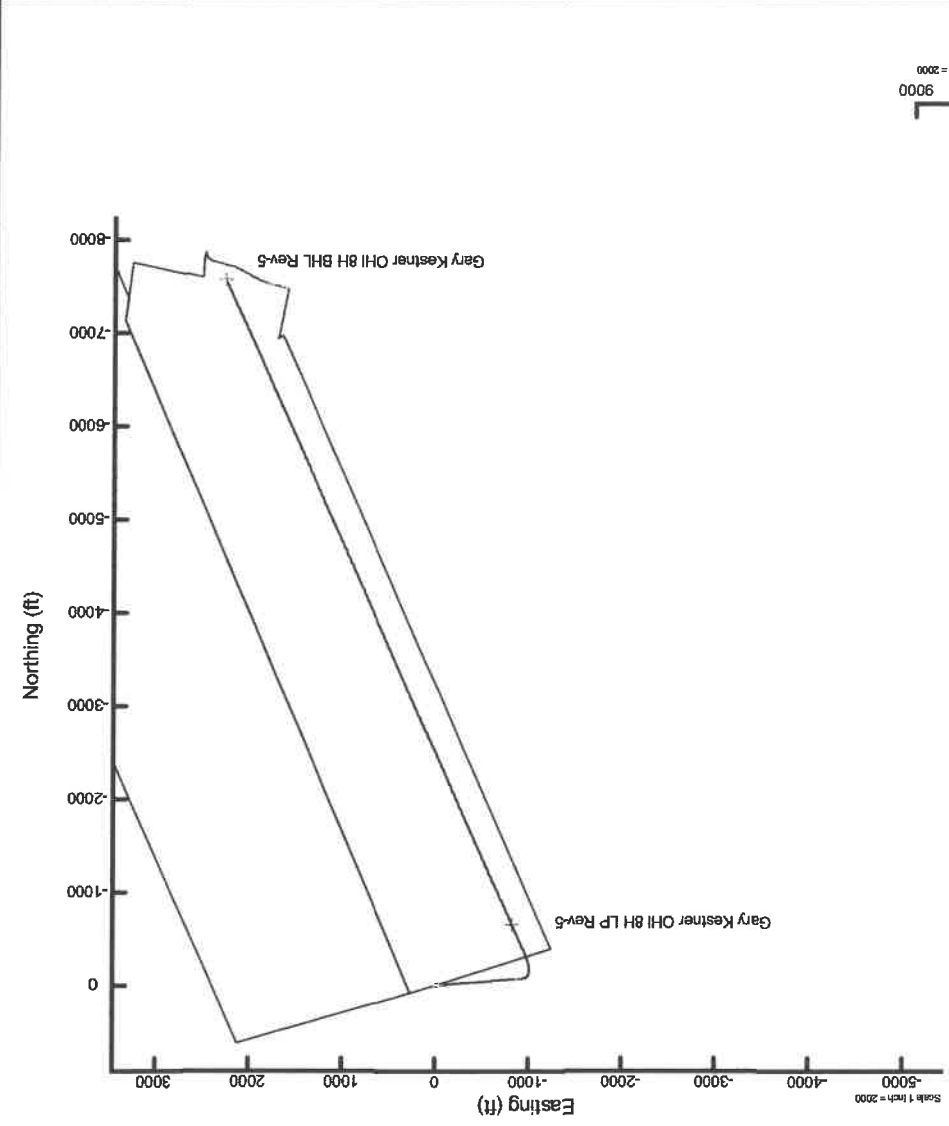
Note: For Field Development Products (products that begin with FDP), MSDS level only information has been provided.
Ingredient information for chemicals subject to 29 CFR 1910.1200(i) and Appendix D are obtained from suppliers Material Safety Data Sheets (MSDS)

* Total Water Volume sources may include various types of water including fresh water, produced water, and recycled water
** Information is based on the maximum potential for concentration and thus the total may be over 100%
*** If you are calculating a percentage of total ingredients do not add the water volume below the green line to the water volume above the green line

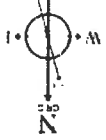
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True vertical depth is Gary Kestner OHI 8H PMP Rev-C-0
 Grid System: NAD83 / UTM Zone 17 North, US feet
 North Reference: Grid north
 Scale: True distance
 Reference weight measurements are referenced to SDC 41 (RKB)
 SDC 41 (RKB) to Mean Sea Level: 1817.3 feet
 Coordinates are in feet referenced to Slot
 Depth are in feet
 Created by: sllj on 2020-02-27; Database: WA_MPL_EASTERNUS_DWH



Location Information	
Facility Name	Gary Kestner OHI Pad
Grid East (US ft)	1768593.470
Grid North (US ft)	14581181.307
Latitude	40°08'56.0100"N
Longitude	80°32'28.7300"W
Slot #08	Local N (ft) Local E (ft)
	-4.77 -0.28
Grid East (US ft)	1768593.190
Grid North (US ft)	14581176.540
Latitude	40°08'54.9629"N
Longitude	80°32'28.7339"W
26R	
SDC 41 (RKB) to Ground level (At Slot: Slot #08)	
Mean Sea Level to Ground level (At Slot: Slot #08)	-1291.3ft
SDC 41 (RKB) to Mean Sea Level	1317.3ft
Comments	



Location:	Ohio County, WV
Field:	Ohio
Facility:	Gary Kestner OHI Pad
Wellbore:	Gary Kestner OHI 8H PWB
Well:	Gary Kestner OHI 8H
Slot:	Slot #08
Vertical Section (ft)	Vertical Section (ft)
Scale: 1 inch = 2000	Scale: 1 inch = 2000
Grid System: NAD83 / UTM Zone 17 North, US feet	Grid System: NAD83 / UTM Zone 17 North, US feet
North Reference: Grid north	North Reference: Grid north
Scale: True distance	Scale: True distance
Reference weight measurements are referenced to SDC 41 (RKB)	Reference weight measurements are referenced to SDC 41 (RKB)
SDC 41 (RKB) to Mean Sea Level: 1817.3 feet	SDC 41 (RKB) to Mean Sea Level: 1817.3 feet
Coordinates are in feet referenced to Slot	Coordinates are in feet referenced to Slot
Depth are in feet	Depth are in feet
Created by: sllj on 2020-02-27; Database: WA_MPL_EASTERNUS_DWH	Created by: sllj on 2020-02-27; Database: WA_MPL_EASTERNUS_DWH

SWN PRODUCTION COMPANY, LLC
 Location: Ohio County, WV
 Field: Ohio
 Facility: Gary Kestner OHI Pad
 Wellbore: Gary Kestner OHI 8H PWB
 Well: Gary Kestner OHI 8H
 Slot: Slot #08

Latitude: 40°10'00"
JACKSON SURVEYING
 INC.

2413 EAST PIKE ST.
 SUITE 112
 Clarksburg, WV 26301
 304-623-5851

SURFACE HOLE LOCATION (SHL):	
UTM (NAD83, ZONE 17, METERS):	
NORTHING: 4,444,351.562	
EASTING: 539,068.331	
LANDING POINT (LPL):	
UTM (NAD83, ZONE 17, METERS):	
NORTHING: 4,444,196.733	
EASTING: 538,798.400	
BOTTOM HOLE LOCATION (BHL):	
UTM (NAD83, ZONE 17, METERS):	
NORTHING: 4,442,046.764	
EASTING: 539,758.186	
LANDING POINT (LPL):	
UTM (NAD83, ZONE 17, METERS):	
NORTHING: 4,444,136.748	
EASTING: 538,820.497	
BOTTOM HOLE LOCATION (BHL):	
UTM (NAD83, ZONE 17, METERS):	
NORTHING: 4,442,047.367	
EASTING: 539,761,712	

Latitude: 40°10'00" — BOTTOM HOLE 9,311'

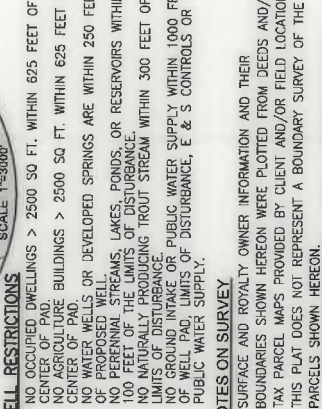
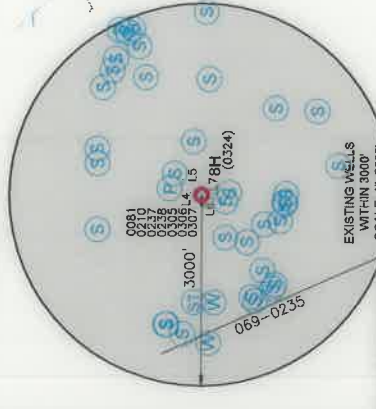
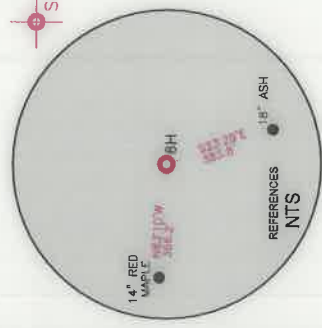
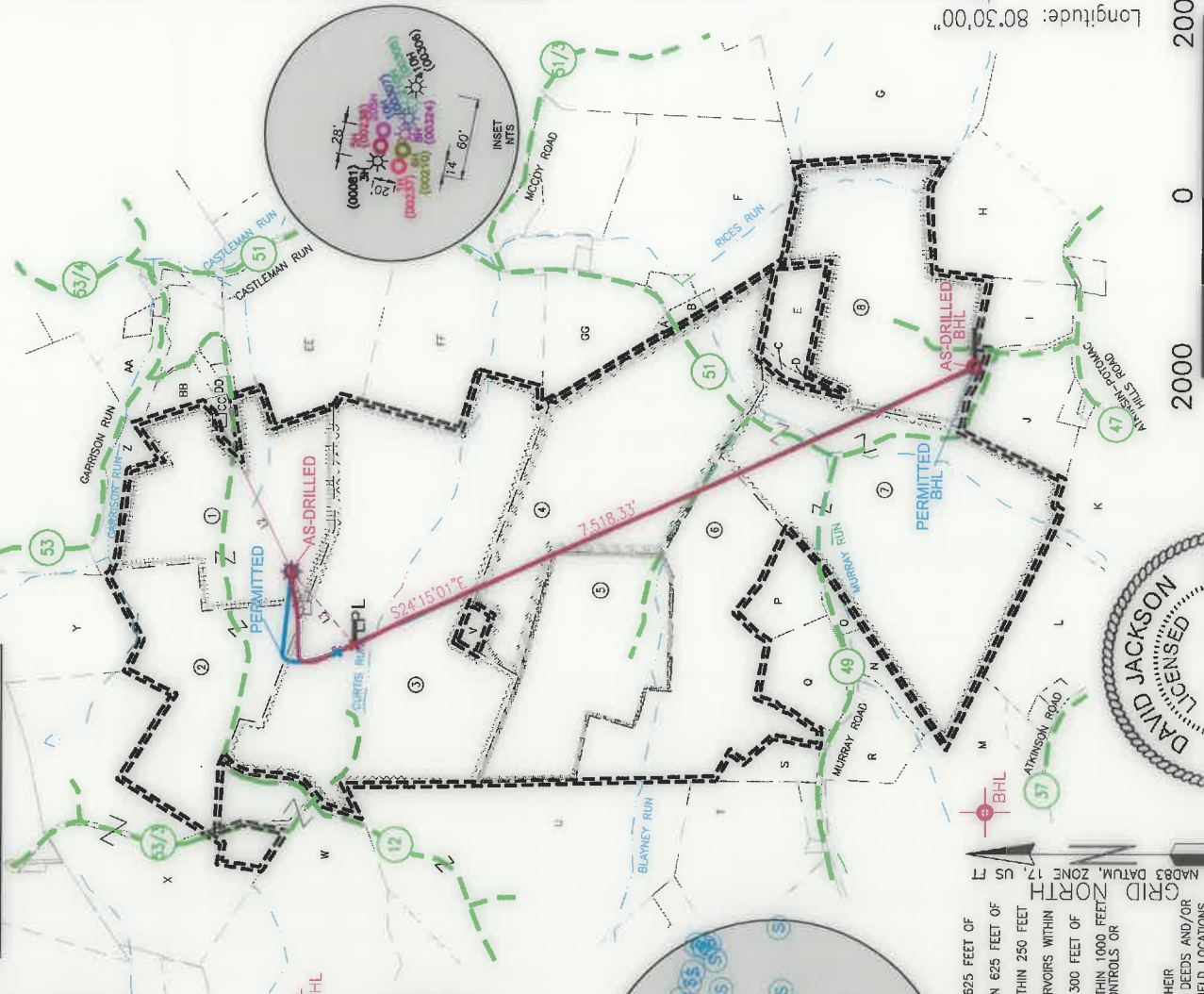
LINE	BEARING	DISTANCE	DESCRIPTION	MONUMENT
L1	S 70°07'16" W	426.61'	SHL TO LANDMARK	CNR FENCE POST
L2	N 64°27'16" E	1650.34'	SHL TO PIPELINE	3/4" REBAR FOUND
L4	N 14°19'33" E	537.88'	SHL TO SPRING	PIPELINE
L5	N 39°35'04" E	575.71'	SHL TO SPRING	SPRING
L6	S 11°19'31" W	369.99'	SHL TO SPRING	SPRING
L7	S 08°42'45" E	429.53'	SHL TO SPRING	SPRING
L8	S 49°05'06" W	1696.30'	CURVE LENGTH	
L9	S 49°05'06" W	1075.77'		

Latitude: 40°10'00" — BOTTOM HOLE 9,311'

Surface Hole 11,547'

Longitude: 80°30'00" — BOTTOM HOLE 14,156'

Longitude: 80°30'00" — SURFACE HOLE 6,582'



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 WATERS OR DEVELOPED SPRINGS ARE 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 LIMITS OF DISTURBANCE, E & S CONTROLS OR PUBLIC WATER SUPPLY.



NOTES ON SURVEY

- 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.
- ALL INSETS ARE GRID NORTH UNLESS OTHERWISE DEPICTED.
- THIS PLAT IS HEREBY CERTIFIED 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 Jackson



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

WVDEP
 OFFICE OF OIL & GAS
 601 57TH STREET
 CHARLESTON, WV 25034

GRAPHIC SCALE IN FEET



COMPANY: **SWN** **SWN**
 Production Company, LLC Production Company™

OPERATOR'S WELL #: GARY KESTNER OHI 8H
 API WELL #: 47 069 00324
 STATE WV COUNTY PERMIT

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

WELL TYPE: OIL WASTE DISPOSAL PRODUCTION DEEP GAS
 WATERSHED: CASTLEMAN RUN OF BUFFALO CREEK (HUC-10)
 DISTRICT: LIBERTY COUNTY: OHIO
 SURFACE OWNER: GARY KESTNER & TERRY KESTNER
 OIL & GAS ROYALTY OWNER: GARY KESTNER & TERRY KESTNER

WELL OPERATOR: SWN PRODUCTION COMPANY, LLC
 ADDRESS: 1300 FORT PIERPONT RD, SUITE 200
 CITY: MORGANTOWN STATE: WV ZIP CODE: 26508

DESIGNED AGENT: BRITTANY WOODY
 ADDRESS: 1300 FORT PIERPONT RD, SUITE 200
 CITY: MORGANTOWN STATE: WV ZIP CODE: 26508

WELL OPERATOR: SWN PRODUCTION COMPANY, LLC
 ADDRESS: 1300 FORT PIERPONT RD, SUITE 200
 CITY: MORGANTOWN STATE: WV ZIP CODE: 26508

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DATE: 06-02-2020
 DRAWN BY: N. MANO
 SCALE: 1" = 2000'
 DRAWING NO:
 WELL LOCATION PLAT

**JACKSON SURVEYING
INC.**

2413 EAST PIKE ST.
SUITE 112
Clarksburg, WV 26301
304-623-5851

WELL BORE TABLE FOR SURFACE / ROYALTY OWNERS			
TRACT	SURFACE OWNER (S) / ROYALTY OWNER (R)	TAX PARCEL	
1	GARY KESTNER & TERRY KESTNER (S/R)	03-L5-09	
TRACT	SURFACE OWNER	TAX PARCEL	
2	JOSEPH E. ENNIS & MARJORIE G. ENNIS (S)	03-L5-08	
3	JOHN I. TOMINACK JR. (S)	03-L5-10	
4	DELMER K. LOEW & VIRGINIA G. LOEW (S)	03-L6-19	
5	LYNN MCELVANY (S)	03-L5-26	
6	GLENN A. DILLE (S)	03-L8-9.7	
7	HOLLY HOLLOWAY & JOSHUA REASS (S)	03-L9-01	
8	RODNEY G. PLANTS & JESSICA J. PLANTS (S)	03-L9-02	

ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER	TAX PARCEL
A	DELMER K. LOEW & VIRGINIA G. LOEW	03-L6-18.1
B	TUNNEL RIDGE, LLC.	03-L6-18.3
C	RODNEY G. PLANTS & JESSICA J. PLANTS	03-L9-2.2
D	RODNEY G. PLANTS & JESSICA J. PLANTS	03-L9-2.3
E	RODNEY G. PLANTS & JESSICA J. PLANTS	03-L9-2.1
F	DELMER K. LOEW & VIRGINIA G. LOEW	03-L6-18.2
G	DAVID J. HALL & C.J. HALL	03-L9-03
H	MARK S. MIKESINOVICH	03-L9-6.9
I	DAVID E. MCNABB & B.L. MCNABB	03-L9-6.8
J	MICHAEL H. FISHER & SUSAN K. FISHER	03-L9-6.6
K	LARRY G. BALL	03-L8-42
L	JODY LEE SHILLING	03-L8-10
M	ROBERT C. JONES, HRS.	03-L8-11
N	GEORGE E. PORTER III & MARGARET ANN PORTER	03-L8-9.5
O	MARGARET ANN PORTER & GEORGE E. PORTER III	03-L8-9.2
P	JARRETT K. REEDY & LESLIE K. REEDY	03-L8-9.4
Q	FRED E. FOSTER & JANET K. FOSTER	03-L8-9
R	SCOTT A. DILLE & JILL L. DILLE	03-L8-9.3
S	NEAL P. BROWN	03-L8-9.6
T	DONALD L. WADDELL & DEBORAH JO WADDELL	03-L5-23
U	GEORGE F. SMITH	03-L5-27
V	TUNNEL RIDGE, LLC.	03-L6-22
W	JOAN L. DOLENCE	03-L5-11
X	TIMOTHY R. HAYS & THELMA C. HAYS	03-L5-29
Y	ROBERT H. FISH & PATSY CARROLL FISH (LIFE), & HARRY ALAN FISH	03-L2-13
Z	GREGORY D. ATKINSON, ET AL	03-L6-10.1
AA	GREGORY D. ATKINSON, ET AL	03-L6-10.2
BB	VANESSA M. HICKS & BRAYDEN J. HICKS	03-L6-9.1
CC	RICHARD C. COWEN SR. & C.A. WILLIAMS	03-L6-21
DD	PATRICK J. MONTGOMERY & BRENDA LEE MONTGOMERY	03-L6-11.1
EE	GREGORY N. MORMANIS & SHARON LEE MORMANIS	03-L6-13
FF	WILLIAM I. RODGERS (LIFE)	03-L6-15
GG	JEFFREY J. EISENHAEUER	03-L6-18

REVISIONS:

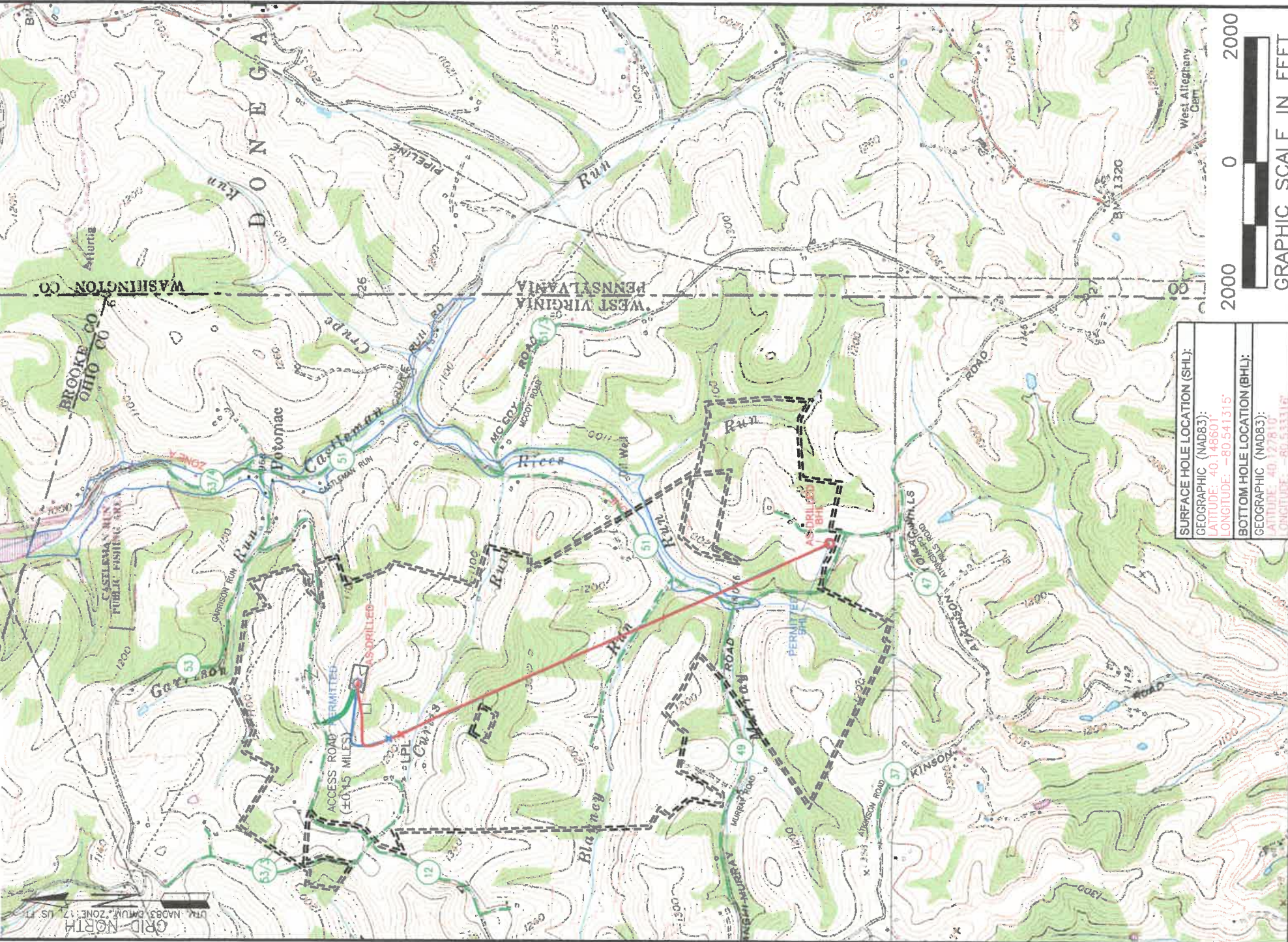
COMPANY:



OPERATOR'S	GARY KESTNER OHI	API NUMBER:	47-069-00324	DATE:	06-02-2020
WELL #:	8H	DRAWN BY:	N. MANO	SCALE:	N/A
DISTRICT:	LIBERTY	COUNTY:	OHIO	DRAWING NO:	WELL LOCATION PLAT 2

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SURFACE HOLE LOCATION (SHL):
GEOGRAPHIC (NAD83):
LATITUDE: 40.146601
LONGITUDE: -80.541315

BOTTOM HOLE LOCATION (BHL):
GEOGRAPHIC (NAD83):
LATITUDE: 40.127810
LONGITUDE: -80.533316

- LEGEND:**
- ACCESS ROAD
 - PROPOSED SURFACE HOLE / BOTTOM HOLE
 - EXISTING / PRODUCING WELLHEAD
 - LPL*
 - LANDING POINT LOCATION
 - FLOOD PLAIN
 - PUBLIC ROAD
 - ACCESS ROAD TO PREV. SITE
 - LEASE BOUNDARY
 - PROPOSED PATH
 - AS DRILLED PATH

NOTES ON SURVEY

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

WELL OPERATOR: SWN PRODUCTION COMPANY, LLC	WELL (FARM) NAME: GARY KESTNER OHI	WELL # 8H	SERIAL #
ADDRESS: 1300 FORT PIERPONT RD, SUITE 200, MORGANTOWN, WV 26508	COUNTY OHIO	CODE - 069	DISTRICT; LIBERTY
SURFACE OWNER: GARY KESTNER & TERRY KESTNER	USGS 7 1/2 QUADRANGLE MAP NAME BETHANY, WV	API # 047-069-00324	