

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

API 47-069 - 00307 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 10H  
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 4,444,350.907 Easting 539,071.580  
Landing Point of Curve Northing 4,444,260.298 Easting 539,069.736  
Bottom Hole Northing 4,442,003.748 Easting 540,023.948

Elevation (ft) 1,291.4' 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 9/09/2019 Date drilling commenced 2/01/2020 Date drilling ceased 2/14/2020  
Date completion activities began 4/01/2020 Date completion activities ceased 5/21/2020  
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

Freshwater depth(s) ft 635 Open mine(s) (Y/N) depths N  
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:  10.13.20

API 47-069 - 00307 Farm name GARY KESTNER & TERRY KESTNER Well number GARY KESTNER OHI 10H

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	734	NEW	J-55/54.50#	502.2	Y, 25 BBLs
Coal	SEE SURFACE						
Intermediate 1	12.25	9.625	2,045	NEW	J-55/35#		Y, 25 BBLs
Intermediate 2							
Intermediate 3							
Production	8.75/8.50	5.5	14,873	NEW	P-110/20#		Y, 25 BBLs
Tubing		2.875	6,862	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 <sup>3</sup> /sks)	Volume (ft <sup>3</sup> )	Cement Top (MD)	WOC (hrs)
Conductor	CLASS A	GROUT TO SURFACE				SURFACE	24
Surface	CLASS A	642	15.60	1.20	770.4	SURFACE	8
Coal	SEE SURFACE						
Intermediate 1	CLASS A	730	15.60	1.19	868.7	SURFACE	8
Intermediate 2							
Intermediate 3							
Production	CLASS A	3,090	15.60	1.21	3,738.9	SURFACE	24
Tubing							

Drillers TD (ft) 14,880'

Loggers TD (ft) 14,880'

Deepest formation penetrated MARCELLUS

Plug back to (ft) N/A

Plug back procedure N/A

Kick off depth (ft) 5,518'

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

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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 10H  
ATTACHMENT 1  
PERF REPORT**

STAGE NUM	Perf Date	Perf Bottom MD	Perf Top MD2	# SHOTS PER STG
1	3/27/2020	14,789	14,696	36
2	4/2/2020	14,659	14,480	36
3	4/3/2020	14,441	14,267	36
4	4/3/2020	14,234	14,055	36
5	4/3/2020	14,021	13,842	36
6	4/4/2020	13,808	13,629	36
7	4/4/2020	13,596	13,417	36
8	4/4/2020	13,383	13,204	30
9	4/4/2020	13,171	12,996	30
10	4/5/2020	12,958	12,776	30
11	4/5/2020	12,748	12,566	30
12	4/5/2020	12,538	12,353	30
13	4/5/2020	12,315	12,141	30
14	4/6/2020	12,105	11,928	30
15	4/6/2020	11,895	11,715	30
16	4/6/2020	11,682	11,503	27
17	4/6/2020	11,469	11,290	27
18	4/7/2020	11,257	11,084	27
19	4/7/2020	11,044	10,865	24
20	4/7/2020	10,831	10,652	24
21	4/8/2020	10,621	10,440	24
22	4/8/2020	10,406	10,227	24
23	4/9/2020	10,194	10,014	24
24	4/9/2020	9,981	9,802	24
25	4/9/2020	9,768	9,589	24
26	4/9/2020	9,552	9,376	24
27	4/10/2020	9,343	9,164	24
28	4/10/2020	9,130	8,951	24
29	4/10/2020	8,923	8,739	24
30	4/10/2020	8,705	8,526	25
31	4/11/2020	8,492	8,313	30
32	4/11/2020	8,280	8,101	30
33	4/11/2020	8,072	7,888	30
34	4/11/2020	7,855	7,672	30
35	4/11/2020	7,642	7,463	30
36	4/12/2020	7,429	7,255	30
37	4/12/2020	7,217	7,037	30
38	4/12/2020	7,004	6,825	30

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GARY KESTNER OHI 10H  
ATTACHMENT 2  
STIM REPORT

STAGE NUM	Stim Date	Ave Pump		Max Breakdown	ISIP (PSI)	Amount of		Amount of nitrogen/othe
		Rate (BPM)	Treatment			Proppant (lbs)	water bbls	
1	4/1/2020	92	7,508	6,565	4,284	320,992	8,645	0
2	4/2/2020	99.7	7,814	5,472	4,199	312,080	9,556	0
3	4/3/2020	100	7,784	5,705	4,419	321,925	9,306	0
4	4/3/2020	100.1	7,902	5,507	4,470	314,505	9,216	0
5	4/3/2020	100.5	7,849	5,384	4,430	312,975	8,885	0
6	4/4/2020	99	7,922	6,416	4,289	313,430	8,642	0
7	4/4/2020	99.6	8,255	6,212	4,173	316,200	9,186	0
8	4/4/2020	95.5	7,791	5,896	4,249	314,450	8,802	0
9	4/4/2020	99.2	8,125	6,069	4,054	312,620	8,741	0
10	4/5/2020	96.9	7,935	6,943	4,600	312,650	8,959	0
11	4/5/2020	99.7	7,776	5,899	4,046	314,000	8,829	0
12	4/5/2020	100.4	7,924	5,196	4,247	312,390	8,786	0
13	4/5/2020	97.2	8,186	5,623	4,150	315,850	8,696	0
14	4/6/2020	98.5	8,060	5,796	4,115	311,260	8,639	0
15	4/6/2020	97.1	8,086	7,723	4,108	315,700	8,461	0
16	4/6/2020	98	8,192	6,452	4,230	313,525	8,461	0
17	4/6/2020	93.3	7,916	6,319	4,121	314,006	8,551	0
18	4/7/2020	92.8	8,183	5,816	4,127	311,190	8,646	0
19	4/7/2020	96.2	8,138	5,714	4,139	315,770	8,926	0
20	4/8/2020	99.5	7,978	7,252	4,029	314,630	8,353	0
21	4/8/2020	93.8	8,033	6,699	4,103	270,810	8,039	0
22	4/8/2020	97.7	8,016	6,042	4,172	319,725	8,622	0
23	4/9/2020	95.4	8,083	6,049	4,177	314,940	8,494	0
24	4/9/2020	96.4	7,856	6,557	3,992	313,790	8,582	0
25	4/9/2020	97.8	7,868	6,523	4,138	321,705	8,805	0
26	4/9/2020	97.6	7,910	6,555	4,359	321,065	8,526	0
27	4/10/2020	97.5	7,850	6,496	4,105	313,450	8,333	0
28	4/10/2020	94.6	7,931	6,292	4,174	332,910	8,418	0
29	4/10/2020	96.9	7,825	5,846	4,278	253,740	7,120	0
30	4/11/2020	90.9	7,604	6,055	4,249	324,475	9,773	0
31	4/11/2020	98.7	7,625	6,584	4,236	322,615	8,684	0
32	4/11/2020	99.5	7,198	5,688	5,124	315,490	8,239	0
33	4/11/2020	99.3	7,199	6,161	4,393	322,320	8,548	0
34	4/11/2020	99.2	7,216	6,106	4,387	314,985	7,739	0
35	4/12/2020	99.8	7,195	5,818	4,414	322,428	7,961	0
36	4/12/2020	99	7,403	6,698	4,198	321,080	8,575	0
37	4/12/2020	99.5	7,470	5,801	4,007	317,890	8,469	0
38	4/12/2020	99.6	7,156	5,863	4,141	314,090	8,481	0

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Well Name: Gary Kestner OHI 10H

47069003070000

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	1850.00	1850.00	
Big Injun (ss)	1850.00	1850.00	2365.00	2363.00	
Berea (siltstone)	2365.00	2363.00	5909.00	5839.00	
Rhinestreet (shale)	5909.00	5839.00	6221.00	6116.00	
Cashaqua (shale)	6221.00	6116.00	6300.00	6178.00	
Middlesex (shale)	6300.00	6178.00	6405.00	6256.00	
Burket (shale)	6405.00	6256.00	6430.00	6274.00	
Tully (ls)	6430.00	6274.00	6490.00	6311.00	
Mahantango (shale)	6490.00	6311.00	6727.00	6425.00	
Marcellus (shale)	6727.00	6425.00	NA	NA	GAS

# Hydraulic Fracturing Fluid Product Component Information Disclosure

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Job Start Date:	4/1/2020
Job End Date:	4/12/2020
State:	West Virginia
County:	Ohio
API Number:	47-069-00307-00-00
Operator Name:	Southwestern Energy
Well Name and Number:	Gary Kestner OHI 10
Latitude:	40.14859500
Longitude:	-80.54127600
Datum:	NAD83
Federal Well:	NO
Indian Well:	NO
True Vertical Depth:	6,507
Total Base Water Volume (gal):	13,684,904
Total Base Non Water Volume:	0



## Hydraulic Fracturing Fluid Composition:

Trade Name	Supplier	Purpose	Ingredients	Chemical Abstract Service Number (CAS #)	Maximum Ingredient Concentration in Additive (% by mass)**	Maximum Ingredient Concentration in HF Fluid (% by mass)**	Comments
Fresh Water	Halliburton	Base Fluid					
			Water	7732-18-5	100.00000	90.04273	Density = 8.34
Ingredients	Listed Above	Listed Above					
			Water	7732-18-5	100.00000	0.40902	



FSTI-IC-002	FSTI	Iron Control Agent							
				Listed Below					
FSTI HCl	FSTI	Acid							
				Listed Below					
Sand-Common White-100 Mesh, SSA-2	Halliburton	Proppant							
				Listed Below					
FSTI-CI-02	FSTI	Corrosion Inhibitor							
				Listed Below					
MC MX 8-4743	MultiChem	Additive							
				Listed Below					
LEGEND(TM) LD-7750W	MultiChem	Scale Control							
				Listed Below					
LD-2950	MultiChem	Friction Reducer							
				Listed Below					
Sand-Premium White-40/70	Halliburton	Proppant							
				Listed Below					
Items above are Trade Names with the exception of Base Water. Items below are the individual ingredients.									
			Crystalline silica, quartz	14808-60-7	100.00000	9.41014			

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# SWN PRODUCTION COMPANY, LLC

Location: Ohio County, WV  
 Field: Ohio  
 Facility: Gary Kestner OHI Pad

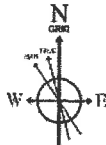
Slot: Slot #10  
 Well: Gary Kestner OHI 10H  
 Wellbore: Gary Kestner OHI 10H PWB



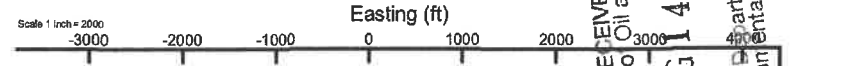
Plot reference wellpath is Gary Kestner OHI 10H PWB Rev A.0	Grid System: NAD83 / UTM Zone 17 North, US feet
True vertical depths are referenced to SDC 41 (RKB)	North Reference: Grid north
Reference wellpath measured depths are referenced to SDC 41 (RKB)	Scale: True distance
SDC 41 (RKB) to Mean Sea Level 1317.4 feet	Coordinates are in feet referenced to Slot
Mean Sea Level to Ground level (At Slot #10): -1291.4 feet	Depths are in feet
Offset wellpath MDs are referenced to each path's default MD datum	Created by: stnjon on 2020-02-13; Database: WA_MPL_EASTERNUS_Deft

Location Information					
Facility Name		Grid East (US ft)	Grid North (US ft)	Latitude	Longitude
Gary Kestner OHI Pad		1768593.470	14581181.307	40°08'55.0100"N	80°32'28.7300"W
Slot	Local N (ft)	Local E (ft)	Grid East (US ft)	Grid North (US ft)	Latitude
Slot #10	-6.71	10.54	1768804.010	14581174.600	40°08'54.9432"N
SDC 41 (RKB) to Ground level (At Slot: Slot #10)					26ft
Mean Sea Level to Ground level (At Slot: Slot #10)					-1291.4ft
SDC 41 (RKB) to Mean Sea Level					1317.4ft

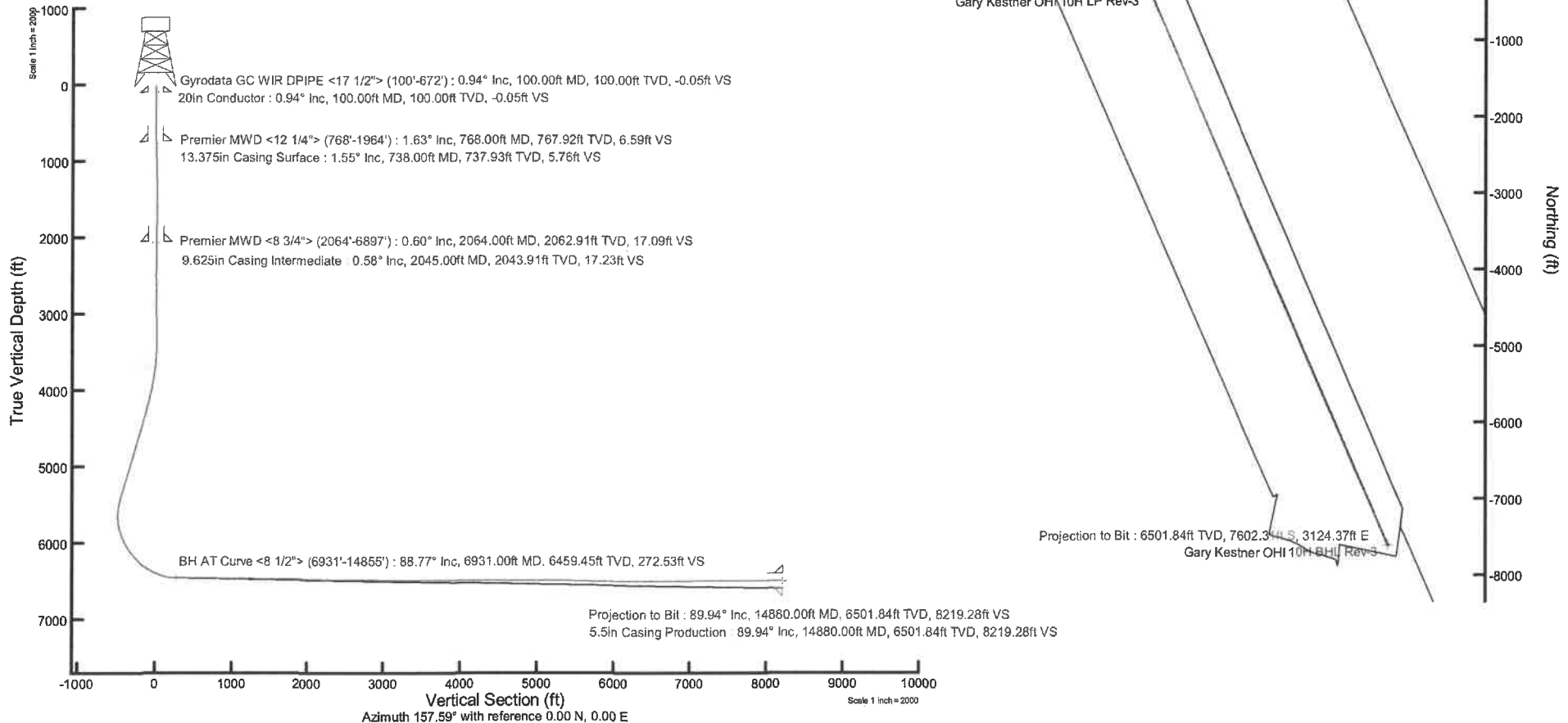
Comments	
API: 47-069-00307-0000	
BH Job #: 110186743A	
Rig: SDC 41	
Duration: 02/10/2020 - 02/12/2020	



User specified Dip: 67.37° Flat: 52560 nT  
 Magnetic North is 8.38 degrees West of True North (at 2/9/2020)  
 Grid North is 0.30 degrees East of True North  
 To correct azimuth from True to Grid subtract 0.30 degrees  
 To correct azimuth from Magnetic to Grid subtract 8.68 degrees



Gyrodota GC WIR DPIPE <17 1/2"> (100'-672') : 100.00ft TVD, 0.28ft N, 0.54ft E  
 Premier MWD <12 1/4"> (768'-1964') : 767.92ft TVD, 4.69ft S, 5.91ft E  
 Premier MWD <8 3/4"> (2064'-6897') : 2062.91ft TVD, 25.52ft S, 17.06ft W  
 BH AT Curve <8 1/2"> (6931'-14855') : 6459.45ft TVD, 297.30ft S, 0.24ft W  
 Gary Kestner OHI 10H LP Rev-3



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Latitude: 40°10'00"

SURFACE HOLE 11.5337'

Latitude: 40°10'00"

BOTTOM HOLE 8.451'

### 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: 4,444,350.907  
EASTING: 539,071,580

#### LANDING POINT (LPL):

UTM (NAD83, ZONE 17, METERS):  
NORTHING: 4,444,260,298  
EASTING: 539,069,736

#### BOTTOM HOLE LOCATION (BHL):

UTM (NAD83, ZONE 17, METERS):  
NORTHING: 4,442,033,748  
EASTING: 540,023,948

#### SURFACE HOLE LOCATION (SHL):

UTM (NAD83, ZONE 17, METERS):  
NORTHING: 4,444,350.907  
EASTING: 539,071,580

#### LANDING POINT (LPL):

UTM (NAD83, ZONE 17, METERS):  
NORTHING: 4,444,278,059  
EASTING: 539,063,531

#### BOTTOM HOLE LOCATION (BHL):

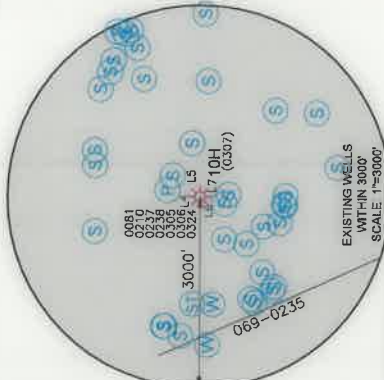
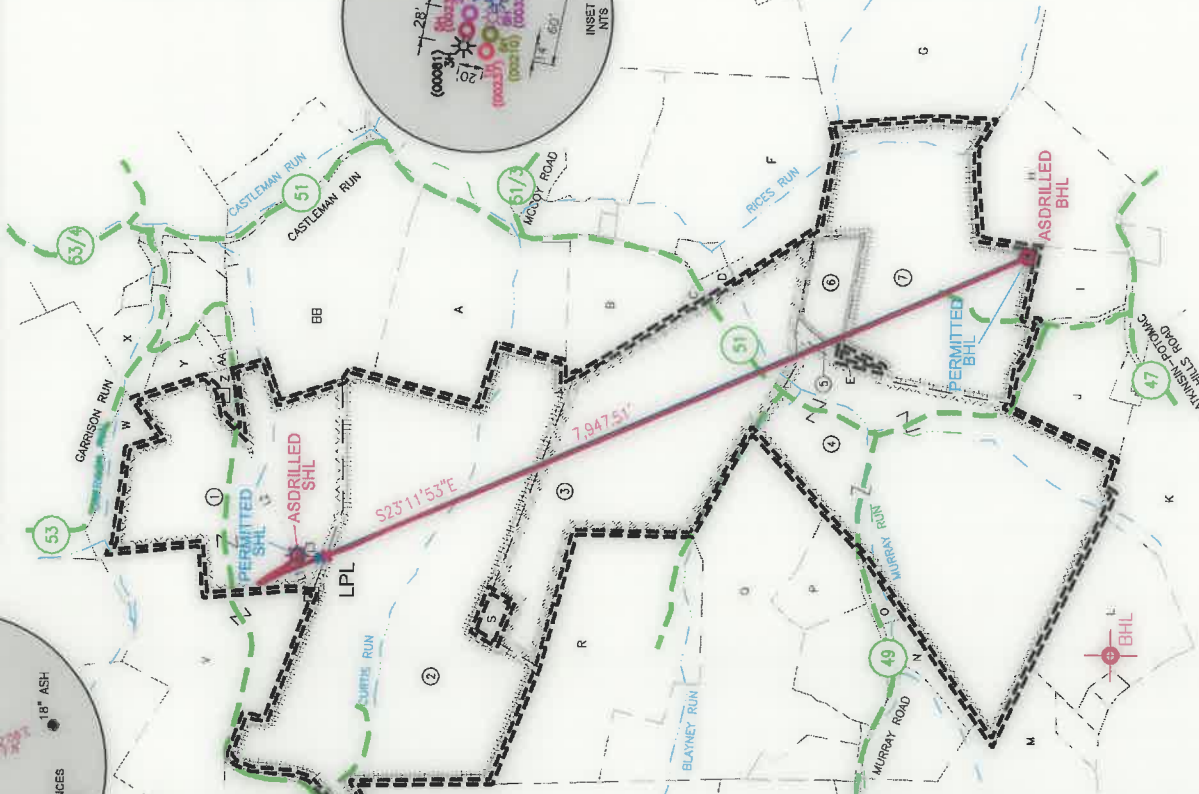
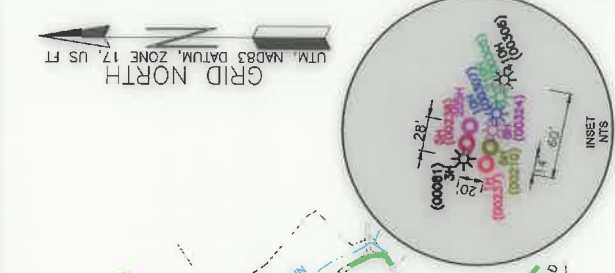
UTM (NAD83, ZONE 17, METERS):  
NORTHING: 4,441,5,670  
EASTING: 540,026,478

LINE	BEARING	DISTANCE	DESCRIPTION	MONUMENT
L1	S 70°50'40" W	436.16'	SHL TO LANDMARK	CNR FENCE POST
L2	N 64°15'17" E	1841.45'	SHL TO PIPELINE	3/4" REBAR FOUND
L4	N 13°09'31" E	537.19'	SHL TO SPRING	PIPELINE
L5	N 38°37'20" E	570.39'	SHL TO SPRING	SPRING
L6	S 13°01'35" W	370.35'	SHL TO SPRING	SPRING
L7	S 07°18'48" E	426.09'	SHL TO SPRING	SPRING
LINE <th>BEARING</th> <th>DISTANCE</th> <th>CURVE LENGTH</th> <th>DESCRIPTION</th>	BEARING	DISTANCE	CURVE LENGTH	DESCRIPTION
L3	S 01°09'57" W	297.33'	1,341.91'	SHL TO LP

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

BOTTOM HOLE 14.205'

Longitude: 80°30'00"



**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.
- NO PERENNIAL STREAMS, LAKES, PONDS, OR RESERVOIRS WITHIN 100 FEET OF THE LIMITS OF DISTURBANCE.
- NO NATURALLY PRODUCING TROUT STREAM WITHIN 300 FEET OF PROPOSED WELL.
- 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

- 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 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



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

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

COMPANY:

**SWN**  
Production Company, LLC Production Company™

GRAPHIC SCALE IN FEET



MINIMUM DEGREE OF ACCURACY: 1/200

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

OPERATOR'S WELL #: GARY KESTNER OHI

10H

API WELL #: 47 069 00307

STATE COUNTY PERMIT

LIQUID INJECTION  STORAGE  SHALLOW

ELEVATION: 1291.4'

QUADRANGLE: BETHANY, WV

ACREAGE: ±95.981

ACREAGE: ±95.981

FRAC TURE OR STIMULATE  PLUG OFF OLD FORMATION  PERFORATE NEW FORMATION

OTHER CHANGE  (SPECIFY) ASDRILLED

ESTIMATED DEPTH: 6,508 TVD 14,880 TMD

DESIGNATED AGENT: BRITTANY WOODY

ADDRESS: 1300 FORT PIERPONT RD. SUITE 200

CITY: MORGANTOWN STATE: WV ZIP CODE: 26508

#### REVISIONS:

- SURVEYED BOUNDARY
- DRILLING UNIT
- LEASE BOUNDARY
- ASDRILLED PATH
- PROPOSED PATH

- PROPOSED SURFACE HOLE / BOTTOM HOLE
- EXISTING / PRODUCING WELLHEAD
- LANDING POINT LOCATION
- EXISTING WATER WELL
- EXISTING SPRING

WELL OPERATOR: SWN PRODUCTION COMPANY, LLC

ADDRESS: 1300 FORT PIERPONT RD. SUITE 200

CITY: MORGANTOWN STATE: WV ZIP CODE: 26508

#### LEGEND:

- SURVEYED BOUNDARY
- DRILLING UNIT
- LEASE BOUNDARY
- ASDRILLED PATH
- PROPOSED PATH

- PROPOSED SURFACE HOLE / BOTTOM HOLE
- EXISTING / PRODUCING WELLHEAD
- LANDING POINT LOCATION
- EXISTING WATER WELL
- EXISTING SPRING

Z:\2020 BACKUPS\1-02-20 DU\SWN\GARY KESTNER 10H OHI WELL PLAT 06-02-20.DWG\PROPERTY NUMBER 2501163409 TUESDAY JUNE 02 2020 02:22PM

PAD ID 3001155487



**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	JOHN I. TOMINACK JR. (S)	03-L5-10
3	DELMER K. LOEW & VIRGINIA G. LOEW (S)	03-L6-19
4	HOLLY HOLLOWAY & JOSHUA REASS (S)	03-L9-01
5	RODNEY G. PLANTS & JESSICA J. PLANTS (S)	03-L9-2.2
6	RODNEY G. PLANTS & JESSICA J. PLANTS (S)	03-L9-2.1
7	RODNEY G. PLANTS & JESSICA J. PLANTS (S)	03-L9-02

ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER	TAX PARCEL
A	WILLIAM I. RODGERS (LIFE)	03-L6-15
B	JEFFREY J. EISENHauer	03-L6-18
C	DELMER K. LOEW & VIRGINIA G. LOEW	03-L6-18.1
D	TUNNEL RIDGE, LLC.	03-L6-18.3
E	RODNEY G. PLANTS & JESSICA J. PLANTS	03-L9-2.3
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 A. 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	GLENN A. DILLE	03-L8-9.7
R	LYNN MCELVANY	03-L5-26
S	TUNNEL RIDGE, LLC.	03-L6-22
T	GEORGE F. SMITH	03-L5-27
U	JOAN L. DOLENCE	03-L5-11
V	JOSEPH E. ENNIS & MARJORIE G. ENNIS	03-L5-08
W	GREGORY D. ATKINSON, ET AL	03-L6-10.1
X	GREGORY D. ATKINSON, ET AL	03-L6-10.2
Y	VANESSA M. HICKS & BRAYDEN J. HICKS	03-L6-9.1
Z	RICHARD C. COWEN SR. & C.A. WILLIAMS	03-L6-21
AA	PATRICK J. MONTGOMERY & BRENDA LEE MONTGOMERY	03-L6-11.1
BB	GREGORY N. MORMANIS & SHARON LEE MORMANIS	03-L6-13

REVISIONS:

COMPANY:

**SWN**  
Production Company, LLC

**SWN**  
Production Company™

OPERATOR'S	GARY KESTNER OHI	API #:	047-069-00307	DATE:	06-02-2020
WELL #:	10H			DRAWN BY:	N. MANO
DISTRICT:	LIBERTY	COUNTY:	OHIO	SCALE:	N/A
		STATE:	WV	DRAWING NO:	
		WELL LOCATION	PLAT 2		



**JACKSON SURVEYING**

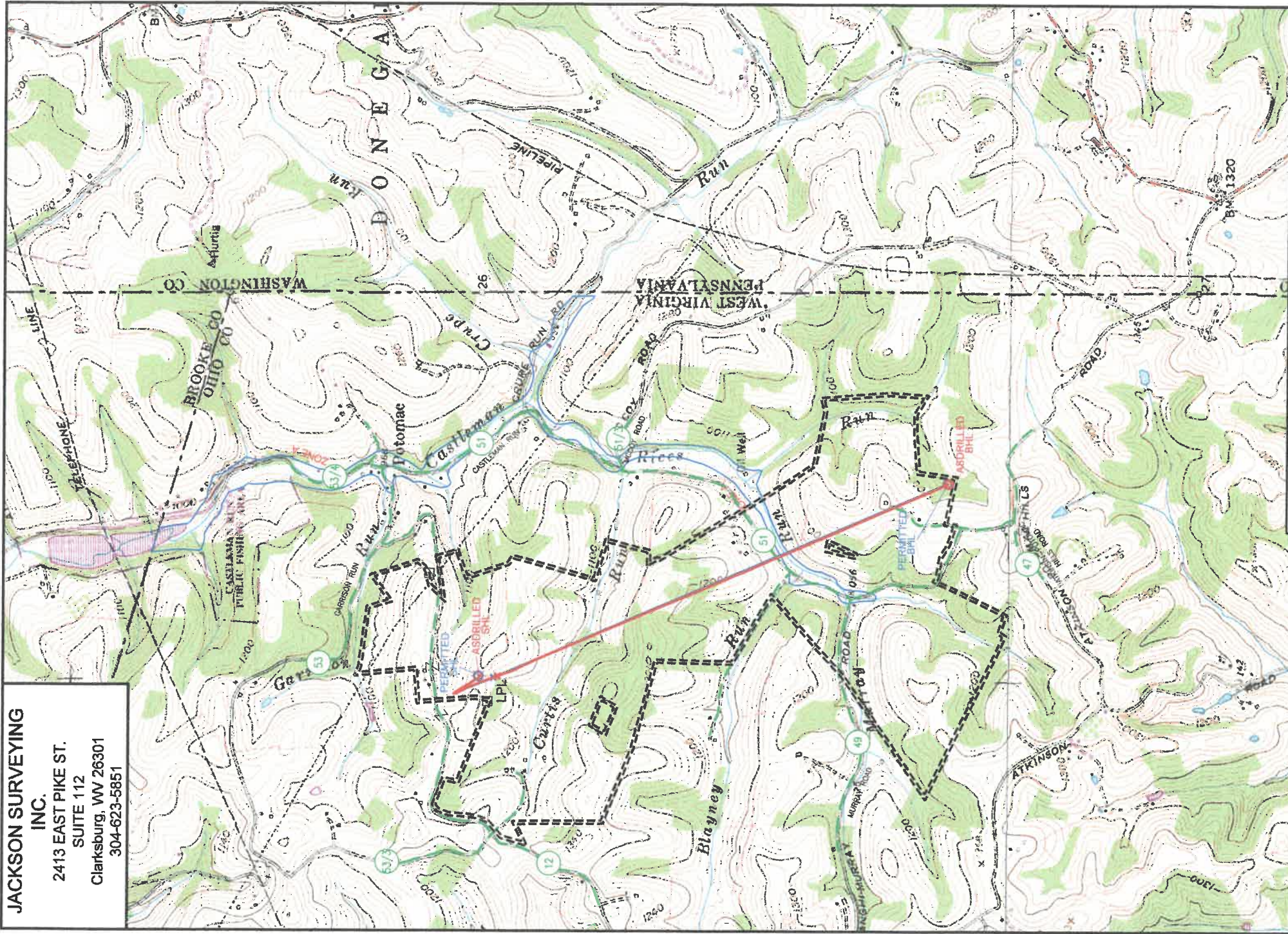
**INC.**

2413 EAST PIKE ST.

SUITE 112

Clarksburg, WV 26301

304-623-5851



**SURFACE HOLE LOCATION (SHL):**

GEOGRAPHIC (NAD83):

LATITUDE: 40.148593

LONGITUDE: -80.541276

**BOTTOM HOLE LOCATION (BHL):**

GEOGRAPHIC (NAD83):

LATITUDE: 40.127675

LONGITUDE: -80.530239

2000 0 2000



GRAPHIC SCALE IN FEET

**LEGEND:**

- ACCESS ROAD
- PUBLIC ROAD
- ACCESS ROAD TO PREV. SITE
- LEASE BOUNDARY
- PROPOSED PATH
- ASDRILLED PATH
- PROPOSED SURFACE HOLE / BOTTOM HOLE
- EXISTING / PRODUCING WELLHEAD
- LPL\* LANDING POINT LOCATION
- FLOOD PLAN

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

**ADDRESS:**

1300 FORT PIERPONT RD, SUITE 200 MORGANTOWN, WV 26508

**SURFACE OWNER:**

GARY KESTNER & TERRY KESTNER

**WELL (FARM) NAME:**

GARY KESTNER OH1

**COUNTY**

OHIO

**USGS 7 1/2 QUADRANGLE MAP NAME**

BETHANY, WV

**WELL #**

10H

**DISTRICT;**

LIBERTY

**API #:**

047-069-00307