

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

API 47-069-00279 County OHIO District LIBERTY
Quad BETHANY,WV Pad Name DALLAS HALL-OHI-PAD1 Field/Pool Name PANHANDLE FIELD WET
Farm name AGNES L. HALL Well Number DALLAS HALL OHI 205H
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 4,442,625.302 Easting 532,978.464
Landing Point of Curve Northing 4,442,943.651 Easting 533,306.441
Bottom Hole Northing 4,445,299.494 Easting 532,561.277

Elevation (ft) 1274.2 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 08/31/2018 Date drilling commenced 01/04/2019 Date drilling ceased 01/16/2019
Date completion activities began 03/07/2019 Date completion activities ceased 04/21/2019
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 411' Open mine(s) (Y/N) depths N
Salt water depth(s) ft 602' Void(s) encountered (Y/N) depths N
Coal depth(s) ft 447' Cavern(s) encountered (Y/N) depths N
Is coal being mined in area (Y/N) N

Reviewed

C. [Signature] 9-9-19

Reviewed by: CBG-9-19

API 47-069 - 00279 Farm name AGNES L. HALL Well number DALLAS HALL OHI 205H

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	J-55/94#		Y
Surface	17.5	13.375	530	NEW	J-55/54.5#	447.6 / 368.9	Y
Coal	SEE SURFACE						
Intermediate 1	12.25	9.625	1,926	NEW	J-55/36#		Y
Intermediate 2							
Intermediate 3							
Production	8.75/8.50	5.5	14,832	NEW	HCP-110/20#		Y
Tubing		2.375	6,658	NEW	P-110/4.7#		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	515	15.60	1.20	618	SURFACE	8
Coal	SEE SURFACE						
Intermediate 1	CLASS A	736	15.60	1.19	875.84	SURFACE	8
Intermediate 2							
Intermediate 3							
Production	CLASS A	2,703	15.60	1.19	3,216.57	SURFACE	24
Tubing							

Drillers TD (ft) 14,832' Loggers TD (ft) 14,832'
 Deepest formation penetrated MARCELLUS Plug back to (ft) N/A
 Plug back procedure N/A

Kick off depth (ft) 6,704'

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

WAS WELL COMPLETED AS SHOT HOLE Yes No DETAILS _____

WAS WELL COMPLETED OPEN HOLE? Yes No DETAILS _____

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

**DALLAS HALL OHI 205H
ATTACHMENT 1
PERF REPORT**

STAGE NUM	Perf Date	Perf Top MD	Perf Bottom MD	# SHOTS PER STG
1	2/27/2019	14,789	14,693	36
2	3/7/2019	14,658	14,481	36
3	3/8/2019	14,448	14,271	36
4	3/9/2019	14,238	14,061	36
5	3/9/2019	14,028	13,851	36
6	3/9/2019	13,818	13,641	36
7	3/10/2019	13,608	13,431	36
8	3/10/2019	13,398	13,221	36
9	3/11/2019	13,188	13,011	36
10	3/11/2019	12,978	12,801	36
11	3/12/2019	12,768	12,591	36
12	3/13/2019	12,558	12,381	36
13	3/13/2019	12,348	12,171	36
14	3/13/2019	12,138	11,961	36
15	3/14/2019	11,928	11,751	36
16	3/14/2019	11,718	11,541	36
17	3/14/2019	11,508	11,331	36
18	3/15/2019	11,298	11,121	36
19	3/15/2019	11,088	10,911	36
20	3/15/2019	10,878	10,701	36
21	3/16/2019	10,668	10,491	36
22	3/16/2019	10,458	10,281	36
23	3/16/2019	10,248	10,071	36
24	3/16/2019	10,038	9,861	36
25	3/16/2019	9,828	9,651	36
26	3/17/2019	9,618	9,441	36
27	3/17/2019	9,408	9,231	36
28	3/17/2019	9,198	9,021	36
29	3/18/2019	8,988	8,811	36
30	3/18/2019	8,778	8,601	36
31	3/18/2019	8,568	8,391	36
32	3/19/2019	8,358	8,181	36
33	2/18/2019	8,148	7,971	36
34	3/19/2019	7,938	7,761	36
35	3/20/2019	7,728	7,551	36
36	3/20/2019	7,518	7,341	36
37	3/13/2019	7,308	7,131	36
38	3/20/2019	7,098	6,921	36
39	3/21/2019	6,888	6,711	36

DALLAS HALL OHI 205H

ATTACHMENT 2

STIM REPORT

STAGE NUM	Stim Date	Ave Pump Rate (BPM)	Ave Treatment	Max Breakdown	ISIP (PSI)	Amount of Proppant (lbs)	Amount of water bbls	Amount of nitrogen/othe
1	3/7/2019	91.7	7,870	7,684	4,410	279,660	7,312	0
2	3/7/2019	92.3	8,015	5,304	4,486	420,830	11,570	0
3	3/8/2019	92.3	7,984	5,453	4,589	423,370	10,884	0
4	3/9/2019	93.2	8,011	5,335	4,468	420,680	11,012	0
5	3/9/2019	98.9	8,070	4,910	4,596	420,430	10,681	0
6	3/9/2019	94	8,160	5,996	4,617	421,078	7,508	0
7	3/10/2019	94.5	8,140	5,543	4,523	419,840	7,463	0
8	3/10/2019	90.7	8,132	5,885	4,743	410,862	6,580	0
9	3/11/2019	94	8,195	5,503	4,250	420,770	7,424	0
10	3/11/2019	90.8	8,138	5,824	4,456	298,950	7,675	0
11	3/12/2019	97.6	8,029	5,358	4,490	420,780	7,560	0
12	3/13/2019	92.8	8,066	5,493	4,399	420,320	7,409	0
13	3/13/2019	95.7	8,162	4,964	4,669	420,460	7,462	0
14	3/13/2019	95.6	7,958	5,709	4,753	424,150	7,604	0
15	3/14/2019	92.1	7,808	5,237	4,625	419,927	7,344	0
16	3/14/2019	96.4	8,107	5,330	4,398	420,430	7,434	0
17	3/14/2019	98.2	7,881	5,549	4,540	420,520	7,434	0
18	3/15/2019	99.5	8,080	5,033	4,608	419,850	7,207	0
19	3/15/2019	97	8,041	5,393	4,518	419,960	7,330	0
20	3/15/2019	89.3	7,482	5,398	4,439	420,212	8,594	0
21	3/16/2019	98	7,876	5,220	4,501	419,724	7,293	0
22	3/16/2019	98.6	8,080	5,197	4,311	421,160	7,220	0
23	3/16/2019	99	7,951	5,170	4,599	420,060	7,129	0
24	3/16/2019	99	7,879	5,337	5,441	420,235	7,410	0
25	3/17/2019	98.2	7,749	5,231	4,343	419,753	7,295	0
26	3/17/2019	98.2	7,942	5,592	4,658	419,750	7,006	0
27	3/17/2019	99.9	7,834	5,551	4,313	420,900	7,272	0
28	3/17/2019	100.3	7,621	5,342	4,488	419,980	7,120	0
29	3/18/2019	100.1	7,568	4,940	4,628	419,280	7,116	0
30	3/18/2019	99.7	7,734	5,333	4,759	421,300	7,161	0
31	3/19/2019	99.9	7,722	5,145	4,470	420,200	7,031	0
32	3/19/2019	100.4	7,450	5,169	4,582	419,980	7,110	0
33	3/19/2019	100	7,606	5,103	4,577	419,910	6,900	0
34	3/19/2019	99.9	7,424	4,890	4,603	420,830	6,798	0
35	3/20/2019	99.8	7,383	5,091	4,802	421,180	6,712	0
36	3/20/2019	100.3	7,265	5,395	4,578	416,980	6,964	0
37	3/20/2019	100.4	6,947	5,240	4,508	420,790	6,826	0
38	3/20/2019	100.2	7,403	5,044	4,909	422,900	6,649	0
39	3/21/2019	100.3	6,904	5,165	4,924	420,320	6,738	0



Well Name: Dallas Hall OHI 205H

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	411.00	411.00	
Top of Salt Water	602.00	602.00	NA	NA	
Pittsburgh Coal	447.00	447.00	453.00	453.00	
Pottsville (ss)	589.00	589.00	653.00	653.00	
Raven Cliff (ss)	925.00	925.00	1114.00	1114.00	
Big Injun (ss)	1644.00	1644.00	1871.00	1871.00	
Rhinestreet (shale)	5726.00	5577.00	6011.00	5831.00	
Cashaqua (shale)	6011.00	5831.00	6075.00	5882.00	
Middlesex (shale)	6075.00	5882.00	6170.00	5953.00	
Burket (shale)	6170.00	5953.00	6193.00	5969.00	
Tully (ls)	6193.00	5969.00	6266.00	6017.00	
Mahantango (shale)	6266.00	6017.00	6467.00	6114.00	
Marcellus (shale)	6467.00	6114.00	NA	NA	GAS

Hydraulic Fracturing Fluid Product Component Information Disclosure

Job Start Date:	3/7/2019
Job End Date:	3/21/2019
State:	West Virginia
County:	Ohio
API Number:	47-069-02790-00-00
Operator Name:	Southwestern Energy
Well Name and Number:	Dallas Hall OHI 205H
Latitude:	40.13331166
Longitude:	-80.61289888
Datum:	NAD83
Federal Well:	NO
Indian Well:	NO
True Vertical Depth:	6,107
Total Base Water Volume (gal):	12,435,487
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	Operator	Base Fluid					
			Water	7732-18-5	100.00000	85.17755	Density = 8.330
Fresh Water	Operator	Base Fluid					
			Water	7732-18-5	100.00000	0.80770	Density = 9.000

Ingredients	Listed Above	Listed Above							
			Water		7732-18-5	100.00000	0.60747		
HYDROCHLORIC ACID	Halliburton	Solvent							
IC-001	FSTI	Additive			Listed Below				
CI-01	FSTI	Corrosion Inhibitor			Listed Below				
SCAL16486A	Nalco Champion	Scale Inhibitor							
EXCELERATE LX-1	Halliburton	Friction Reducer			Listed Below				
SAND-PREMIUM WHITE-40/70, BULK	Halliburton	Proppant			Listed Below				
BE-9W	Halliburton	Biocide			Listed Below				
					Listed Below				

SAND-COMMON WHITE-100 MESH, SSA-2, BULK (100003676)	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	13.37835						
			Hydrochloric acid	7647-01-0		15.00000	0.07685						
			Polyacrylate	Proprietary		30.00000	0.02714						
			Hydrotreated light petroleum distillate	64742-47-8		30.00000	0.02714						
			Propylene glycol	57-55-6		60.00000	0.02450						
			Fatty acid ester	Proprietary		5.00000	0.00905						
			Ethoxylated fatty acid	Proprietary		5.00000	0.00452						
			Sodium chloride	7647-14-5		5.00000	0.00452						
			Ammonium chloride	12125-02-9		5.00000	0.00452						
			Tributyl tetradecyl phosphonium chloride	81741-28-8		10.00000	0.00408						
			Acetic Acid	64-19-7		60.00000	0.00380						
			Citric Acid	77-92-9		40.00000	0.00253						
			Ethylene Glycol	107-21-1		30.00000	0.00151						
			Amine Triphosphate	Proprietary		30.00000	0.00151						Denise Tuck, Halliburton, 3000 N. Sam Houston Pkwy E., Houston, TX 77032, 281-871-6226
			Methanol	67-56-1		70.00000	0.00125						
			Fatty Acids	Trade Secret		10.00000	0.00018						

* Total Water Volume sources may include various types of water including fresh water, produced water, and recycled water

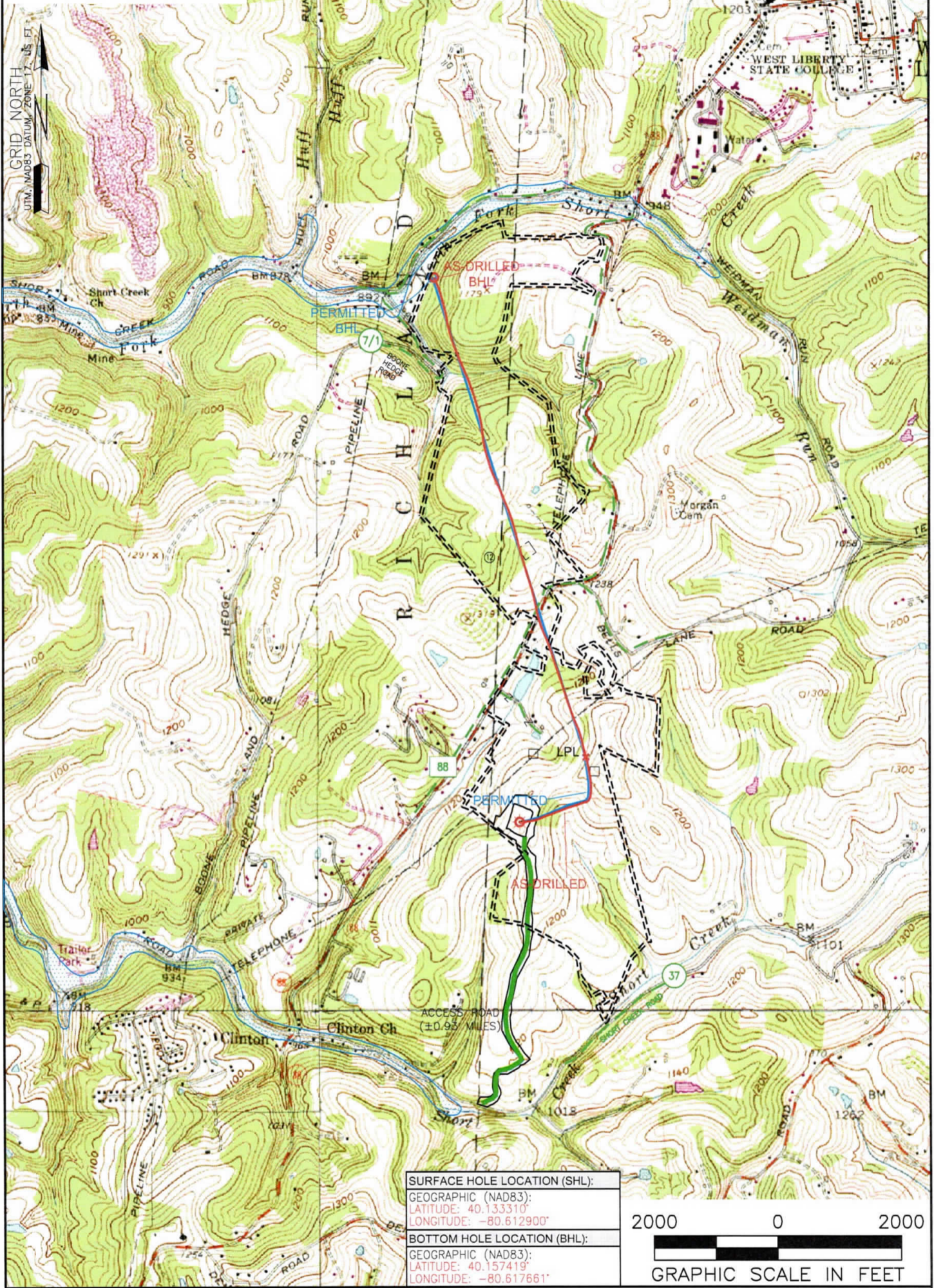
** Information is based on the maximum potential for concentration and thus the total may be over 100%

*** 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

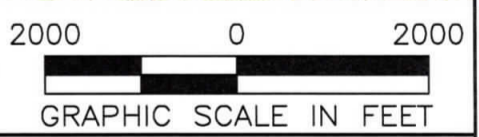
Note: For Field Development Products (products that begin with FDP), MSDS level only information has been provided. Ingredient information for chemicals subject to 29 CFR 1910.1200(i) and Appendix D are obtained from suppliers Material Safety Data Sheets (MSDS)

**JACKSON SURVEYING
INC.**

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



SURFACE HOLE LOCATION (SHL):
GEOGRAPHIC (NAD83):
LATITUDE: 40.133310°
LONGITUDE: -80.612900°
BOTTOM HOLE LOCATION (BHL):
GEOGRAPHIC (NAD83):
LATITUDE: 40.157419°
LONGITUDE: -80.617661°



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
- LPL ✕ LANDING POINT LOCATION
- FLOOD PLAIN
- ACCESS ROAD
- PUBLIC ROAD
- ACCESS ROAD TO PREV. SITE
- LEASE BOUNDARY
- PROPOSED PATH
- AS DRILLED PATH

WELL OPERATOR: SWN PRODUCTION COMPANY, LLC	WELL (FARM) NAME: DALLAS HALL OHI	WELL # 205H	SERIAL #
ADDRESS: 1300 FORT PIERPONT RD. SUITE 200 MORGANTOWN, WV 26508	COUNTY - CODE OHIO - 069	DISTRICT; LIBERTY	
SURFACE OWNER: AGNES L. HALL	USGS 7 1/2 QUADRANGLE MAP NAME BETHANY, WV	API # 047-069-00279	

Latitude: 40°10'00"

SURFACE HOLE 8,257'

Latitude: 40°10'00"

BOTTOM HOLE 9,594'

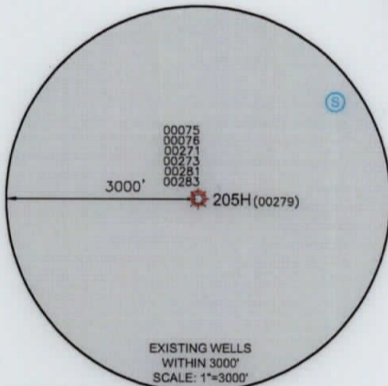
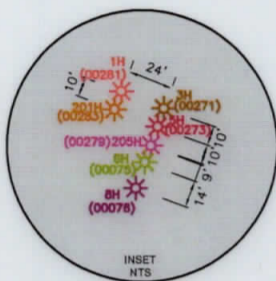
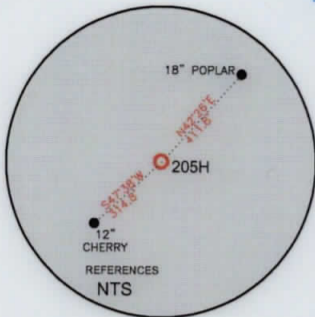
JACKSON SURVEYING INC.

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LINE	BEARING	DISTANCE	DESCRIPTION	MONUMENT
L1	N 11°23'36" E	1119.57'	SHL TO LANDMARK	FD. 5/8" REBAR
L2	N 56°04'26" E	1464.10'	SHL TO LANDMARK	36" BLACK CHERRY
LINE	BEARING	DISTANCE	CURVE LENGTH	DESCRIPTION
L3	N 45°51'13" E	1499.58'	1899.38'	SHL TO LP

SURFACE HOLE LOCATION (SHL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,442,625.490 EASTING: 532,978.530
LANDING POINT (LPL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,442,942.340 EASTING: 533,306.150
BOTTOM HOLE LOCATION (BHL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,445,299.680 EASTING: 532,553.730
SURFACE HOLE LOCATION (SHL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,442,625.302 EASTING: 532,978.464
LANDING POINT (LPL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,442,943.651 EASTING: 533,306.441
BOTTOM HOLE LOCATION (BHL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,445,299.494 EASTING: 532,561.277

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



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 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.

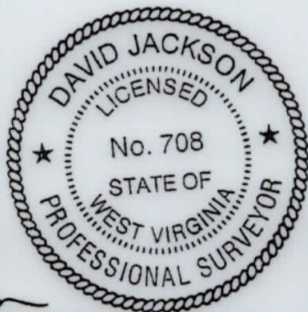
NOTES ON SURVEY

- 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.

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

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

COMPANY: **SWN** Production Company, LLC

DALLAS HALL OHI
OPERATOR'S WELL #: 205H
API WELL #: 47 STATE 069 COUNTY 00279 PERMIT

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

WATERSHED: SHORT RUN-OHIO RIVER (HUC-10) ELEVATION: 1274.2'

DISTRICT: LIBERTY COUNTY: OHIO QUADRANGLE: BETHANY, WV

SURFACE OWNER: AGNES L. HALL ACREAGE: ±162.58

OIL & GAS ROYALTY OWNER: AGNES L. HALL ACREAGE: ±162.58

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

CONVERT PLUG & ABANDON CLEAN OUT & REPLUG OTHER CHANGE (SPECIFY) ASDRILLED

TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: 6,155 TVD 14,832 TMD

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

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



LEGEND:	○ PROPOSED SURFACE HOLE / BOTTOM HOLE	— SURVEYED BOUNDARY	REVISIONS:	DATE: 07-09-2019
☆ EXISTING / PRODUCING WELLHEAD	— DRILLING UNIT	== LEASE BOUNDARY		
LPL * LANDING POINT LOCATION	— ASDRILLED PATH	— PROPOSED PATH		
⊙ EXISTING WATER WELL				
⊙ EXISTING SPRING				
				DRAWN BY: N. MANO
				SCALE: 1" = 2000'
				DRAWING NO:
				WELL LOCATION PLAT

**JACKSON SURVEYING
INC.**

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

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



REVISIONS:	COMPANY:		 		
	OPERATOR'S	DALLAS HALL OHI		API NUMBER:	DATE: 07-09-2019
	WELL #:	205H		47-069-00279	DRAWN BY: N. MANO
	DISTRICT:	COUNTY:		STATE:	SCALE: N/A
	LIBERTY	OHIO	WV	DRAWING NO:	
				WELL LOCATION PLAT 2	



**JACKSON SURVEYING
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2413 EAST PIKE ST. # 112
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304-623-5851

WELL BORE TABLE FOR SURFACE / ROYALTY OWNERS		
TRACT	SURFACE OWNER (S) / ROYALTY OWNER (R)	TAX PARCEL
1	AGNUS J. HALL (S/R)	03-L7-19
TRACT	SURFACE OWNER	TAX PARCEL
2	CATHERINE EVANS & DAVID EVANS (S)	03-L4-13.1
3	DAVID M. WEAVER & BETH R. WEAVER (S)	03-L4-15
4	DAVID M. WEAVER & BETH R. WEAVER (S)	03-L4-13
5	DAVID M. WEAVER & BETH R. WEAVER (S)	03-L4-40
6	LOUIS P. SHIPLEY (S)	03-L4-39
7	LOUIS P. SHIPLEY (S)	03-L4-38
8	PAUL M. MCKAY & DEBORAH A. MCKAY (S)	03-L4-10.1
9	FRANK J. HARRAR & ISABEL W. HARRAR (LE), MARY ANN HARRAR, ET AL (S)	03-L4-04
10	JOHN A. POWELL & MICHELLE L. POWELL (S)	03-L4-1.5
11	THOMAS M. HARDMAN & KELSEY R. GOLD (S)	03-L4-1.4
12	PAUL M. MCKAY & DEBORAH A. MCKAY (S)	03-L4-01
13	PAUL M. MCKAY (S)	03-L4-1.6
14	ELIZABETH L. HONECKER & ELIZABETH H. HESTICK (S)	04-L1-42

ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER	TAX PARCEL
A	BELLE LANE, LLC	03-L4-109
B	MARY HELEN CLISER, TRUSTEE	03-L7-02
C	WHITAKER REVOCABLE FAMILY TRUST	03-L7-27
E	AGNES L. HALL	03-L7-01
D	AGNES L. HALL	03-L7-20
F	AGNUS J. HALL	03-L7-21.1
G	JOHN R. PYLE, SR. & T.A. PYLE	04-R12B-1.1
H	STEVE KELLAS	04-R12B-1.5
I	MATHEW H. GOSSETT	04-R12B-01
J	GEORGE STROMATOS	03-L4-24
K	GEORGE STROMATOS	03-L4-24.1
L	GEORGE STROMATOS	03-L4-24.2
M	DAVID G. RUTHERS & LINDA F. RUTHERS	03-L4-22
N	YE M. HLA & EI E. MYINT	03-L4-20
O	LILLIAN W. BROWN TRUST (S)	03-L4-1.1
P	JAMES F. ROSE & ANN C. ROSE	03-L4-14
Q	JAMES F. ROSE & ANN C. ROSE	03-L4-12
R	PAUL M. MCKAY & DEBORAH A. MCKAY	03-L4-10
S	REBECCA L. BLAKE	03-L4-1.7
T	REBECCA L. BLAKE	03-L4-1.2
U	CLAIRE M. CAVENEY	04-R9-03
V	PAUL M. MCKAY & DEBORAH A. MCKAY	04-R9-51
W	JOHN C. RATCLIFFE	04-R9-22.21
X	FEDERAL HOME LOAN MORTGAGE CORPORATION	04-R9-24.1
Y	FRANK W. PATTERSON, ET AL	04-R9-23.1
Z	FEDERAL HOME LOAN MORTGAGE CORPORATION	04-R9-24
AA	CARLA DIETRICH	04-R9-21
BB	CARLA DIETRICH	04-R9-21.1
CC	TIMOTHY JOHN STANLEY & CASEY LYNNE STANLEY	04-R6-35
DD	CALVARY BAPTIST CHURCH TRUSTEES	04-R6-35.1
EE	UNKNOWN	
FF	TOWN OF WEST LIBERTY	09-WL9-01
GG	DALE M. SAMPSON	03-L1-24
HH	STEPHANIE A. ERNIS	09-WL10-08
II	JANET L. HONECKER; ELIZABETH HONECKER	03-L4-103

ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER	TAX PARCEL
JJ	PAUL CLONE III & JESSIE WHEATON	03-L1-42.1
KK	ELIZABETH R. HONECKER C/O JANET L. HONECKER (L/E)	04-R9-124
LL	PAUL M. MCKAY & DEBORAH A. MCKAY, JANET L. HONECKER	04-R9-123
MM	RACHEL ANN SINCAVICH	03-L4-02
NN	DOUGLAS E. FARMER, JR. & CHRISTINA J. FARMER	03-L4-2.1
OO	REGINA L. FARMER & CLARENCE S. FARMER, JR.	03-L4-2.7
PP	DONALD FRAZIER & LINDA FRAZIER	03-L4-2.2
QQ	THOMAS E. WILEY & HOLLY J. WILEY	03-L4-2.4
RR	DORA M. MCCARDLE	03-L4-105.13
SS	ARLIE R. MCCARDLE, JR. & BOND B. MCCARDLE	03-L4-105.17
TT	MICHAEL D. WINIESDORFFER & G.L. WINIESDORFFER	03-L4-55
UU	WILLIAM N. HOGAN, JR. & S.C. HOGAN	03-L4-28
VV	RICHARD T. CROW & P.K. CROW	03-L4-27
WW	RICHARD T. CROW & P.K. CROW	03-L4-26
XX	TIMOTHY J. FLATLEY & JULIANNA K. FLATLEY	03-L4-29
YY	NATHANIEL S. CHASE	03-L4-29.1
ZZ	NATHANIEL S. CHASE	03-L4-32
AAA	CLARENCE KLEMM	03-L4-34
BBB	PAUL L. BORON & KATHLEEN R. BARON	03-L4-36
CCC	LOUIS P. SHIPLEY	03-L4-37
DDD	PAUL L. BORON & KATHLEEN R. BORON	03-L4-61
EEE	PAUL L. BORON & KATHLEEN R. BORON	03-L4-60
FFF	JOSEPH VERBA & JACQUELYN MCCOY	03-L4-59
GGG	JOSEPH VERBA & JACQUELYN MCCOY	03-L4-63.1
HHH	KEITH B. WOODRUFF II & G.I. WOODRUFF	03-L4-63
III	KEITH B. WOODRUFF II & G.I. WOODRUFF	03-L4-65
JJJ	CLARENCE J. MOORE & K.S. MOORE	03-L4-67
KKK	EDWARD J. CIHY & LINDA K. CIHY	03-L4-68
LLL	JACK RUSSELL WEST	03-L4-70
MMM	DAVID M. WEAVER & BETH R. WEAVER	03-L4-53
NNN	GARY WAYNE WILLIAMS	03-L4-72
OOO	DAVID R. KELLER & MARTIE A. KELLER	03-L4-13.2

REVISIONS:	COMPANY:		
			
	OPERATOR'S	DALLAS HALL OHI	API NUMBER:
	WELL #:	205H	47-069-00279
	DISTRICT:	COUNTY:	STATE:
	LIBERTY	OHIO	WV
			DATE: 07-09-2019
			DRAWN BY: N. MANO
			SCALE: N/A
			DRAWING NO:
			WELL LOCATION PLAT 3