

Via Federal Express

February 11, 2016

Ms. Laura Cooper
Office of Oil & Gas
601 57th Street
Charleston WV 25304

RECEIVED
Office of Oil and Gas
FEB 12 2016
WV Department of
Environmental Protection

RE: Form WR-35 and WR-36 Filing

Well: Glenn Didriksen OHI 6	API: 47-069-00188
Well: Glenn Didriksen OHI 10	API: 47-069-00191
Well: Glenn Didriksen OHI 205	API: 47-069-00189
Well: Glenn Didriksen OHI 6210	API: 47-069-00190

Dear Ms. Cooper:

Please find enclosed form WR-35 Well Operator's Report of Well Work and WR-36 Well Operator's Report of Initial Gas-Oil Ratio, with supporting documentation for the subject wells referenced above.

If you have any questions or require additional information, please contact me via email at liz_gee@swn.com or telephone at (832) 796-7632.

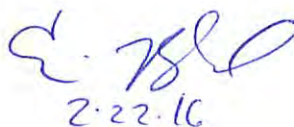
Sincerely,



Elizabeth Gee
Sr. Regulatory Analyst
West Virginia Division

/lg
Encl.

WS
AX 02/29/16



2.22.16

$\frac{R^2}{A} \rightarrow V^+$

03/04/2016

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

API 47 - 069 - 00190 County OHIO District LIBERTY
Quad VALLEY GROVE Pad Name GLENN DIDRIKSEN-OHI-PAD1 Field/Pool Name PANHANDLE
Farm name GLENN DIDRIKSEN Well Number GLENN DIDRIKSEN OHI 210
Operator (as registered with the OOG) SWN PRODUCTION COMPANY LLC
Address PO BOX 12359 City SPRING State TX Zip 77397-2359

As Drilled location NAD 83/UTM Attach an as-drilled plat, profile view, and deviation survey
Top hole Northing 4440478.640 Easting 534507.250
Landing Point of Curve Northing 4440491.677 Easting 535027.686
Bottom Hole Northing 4438841.157 Easting 536032.119

Elevation (ft) 1382.2 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

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Date permit issued 06/03/2015 Date drilling commenced 06/15/2015 Date drilling ceased 08/23/2015
Date completion activities began 10/26/2015 Date completion activities ceased 11/20/2015
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 194' Open mine(s) (Y/N) depths N
Salt water depth(s) ft 1055' Void(s) encountered (Y/N) depths N
Coal depth(s) ft 663' Cavern(s) encountered (Y/N) depths N
Is coal being mined in area (Y/N) N

Reviewed by:
EB 2-22-16
03/04/2016

API 47-069 - 00190 Farm name GLENN DIDRIKSEN Well number GLENN DIDRIKSEN OHI 210

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'	N	F-25/ 94#		Y
Surface	17.5	13.375	755'	N	J-55/48#		Y
Coal	SEE SURFACE						
Intermediate 1	12.25	9.625	2330'	N	J-55/ 36#		Y
Intermediate 2							
Intermediate 3							
Production	8.75 TO 8.50	5.5	13518'	N	HCP-110/20#		Y
Tubing		2.375	6965'	N	P-110/4.70#		N
Packer type and depth set		N/A					

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	A	24	15.6	1.19	28.56	GROUT TO SURFACE	24
Surface	A	2482	15.6	1.19	2954	SURFACE	8
Coal	SEE SURFACE						
Intermediate 1	A	860	15.6	1.19	1023	35 BBLS TO SURFACE	8
Intermediate 2							
Intermediate 3							
Production	A	2670	15.6	1.23	3284	SURFACE	24
Tubing							

Drillers TD (ft) 13518' Loggers TD (ft) 13518'

Deepest formation penetrated MARCELLUS Plug back to (ft) NA

Plug back procedure NA

Kick off depth (ft) 5930'

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 _____

ALL CASING STRINGS RAN WITH A CENTRALIZER AT A MINIMUM OF 1 PER EVERY 3RD JOINT OF CASING

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 _____

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API 47- 069 - 00190 Farm name GLENN DIDRIKSEN Well number GLENN DIDRIKSEN OHI 210

PRODUCING FORMATION(S)	DEPTHS		
MARCELLUS	6425'	TVD	6957' MD

Please insert additional pages as applicable.

GAS TEST Build up Drawdown Open Flow OIL TEST Flow Pump

SHUT-IN PRESSURE Surface _____ psi Bottom Hole _____ psi DURATION OF TEST NO TEST PERFORM _____ hrs

OPEN FLOW Gas 2834 mcfpd Oil 278 bpd NGL _____ bpd Water 113 bpd GAS MEASURED BY Estimated Orifice Pilot

LITHOLOGY/ FORMATION	TOP DEPTH IN FT NAME TVD	BOTTOM DEPTH IN FT TVD	TOP DEPTH IN FT MD	BOTTOM DEPTH IN FT MD	DESCRIBE ROCK TYPE AND RECORD QUANTITY AND TYPE OF FLUID (FRESHWATER, BRINE, OIL, GAS, H ₂ S, ETC)
	0		0		
		SEE ATTACHED			

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Please insert additional pages as applicable.

Drilling Contractor SWN DRILLING COMPANY
Address PO BOX 12359 City SPRING State TX Zip 77391-2359

Logging Company JW WIRELINE COMPANY
Address 515 N SAM HOUSTON PKWY EAST STE 640 City HOUSTON State TX Zip 77060

Cementing Company SCHLUMBERGER
Address 110 SCHLUMBERGER DRIVE City SUGAR LAND State TX Zip 77478

Stimulating Company DOWELL SCHLUMBERGER
Address 1121 BUSCHONG ST City HOUSTON State TX Zip 77039

Please insert additional pages as applicable.

Completed by ELIZABETH GEE Telephone 832-796-7632
Signature  Title SR. REGULATORY ANALYST Date 02/11/2016

Submittal of Hydraulic Fracturing Chemical Disclosure Information Attach copy of FRACFOCUS Registry

GLENN DIDRIKSEN OHI 210 - PERFORATION RECORD				
STAGE NUM	Perf Date	Perf Top MD	Perf Bottom MD	# SHOTS PER STG
1	10/26/2015	13,244	13,400	42
2	10/26/2015	12,982	13,179	42
3	10/27/2015	12,722	12,919	42
4	10/27/2015	12,462	12,659	42
5	10/28/2015	12,202	12,399	42
6	10/28/2015	11,942	12,139	42
7	10/28/2015	11,682	11,879	42
8	10/28/2015	11,422	11,619	42
9	10/28/2015	11,165	11,360	42
10	10/29/2015	10,902	11,099	42
11	10/29/2015	10,642	10,839	42
12	10/29/2015	10,382	10,579	42
13	10/29/2015	10,122	10,319	42
14	10/29/2015	9,865	10,062	42
15	10/30/2015	9,602	9,799	42
16	10/30/2015	9,342	9,539	42
17	10/30/2015	9,082	9,279	42
18	10/30/2015	8,822	9,019	42
19	10/31/2015	8,562	8,759	42
20	10/31/2015	8,300	8,495	42
21	10/31/2015	8,042	8,239	42
22	10/31/2015	7,782	7,979	42
23	10/31/2015	7,522	7,719	42
24	10/31/2015	7,262	7,459	42
25	10/31/2015	7,002	7,199	42

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GLENN DIDRIKSEN OHI 210 - STIMULATION INFORMATION

STAGE NUM	Stim Date	Ave Pump Rate (BPM)	Ave Treatment Pressure (PSI)	Max Breakdown Pressure (PSI)	ISIP (PSI)	Amount of Proppant (lbs)	Amount of water bbls	Amount of nitrogen/ other
1	10/26/2015	2	8,050	9,129	4,266	344,899	6,944	
2	10/26/2015	2	8,595	9,050	4,488	504,421	7,411	
3	10/27/2015	2	8,219	9,046	4,206	500,520	7,210	
4	10/27/2015	2	7,989	8,529	4,337	502,400	7,216	
5	10/28/2015	2	7,922	8,649	4,597	502,480	7,146	
6	10/28/2015	2	7,899	8,664	4,784	504,400	7,271	
7	10/28/2015	2	7,591	8,344	4,636	499,900	6,902	
8	10/28/2015	2	7,553	8,572	4,875	501,080	7,084	
9	10/28/2015	2	7,746	8,717	5,920	497,380	6,945	
10	10/29/2015	2	7,782	9,275	4,640	500,220	6,911	
11	10/29/2015	2	7,541	8,978	4,546	500,040	6,930	
12	10/29/2015	2	7,751	9,122	4,337	501,400	6,835	
13	10/29/2015	2	7,659	9,074	4,533	501,240	6,830	
14	10/29/2015	2	7,570	9,271	5,125	504,960	7,131	
15	10/30/2015	2	7,494	7,898	4,497	508,020	6,857	
16	10/30/2015	2	7,402	8,384	4,515	502,240	6,609	
17	10/30/2015	2	7,466	8,581	4,367	500,660	6,660	
18	10/30/2015	2	7,581	8,726	4,786	454,040	7,081	
19	10/31/2015	2	7,326	8,056	4,702	504,720	6,825	
20	10/31/2015	2	7,393	9,118	4,330	446,500	6,408	
21	10/31/2015	2	7,527	8,417	5,201	498,680	6,558	
22	10/31/2015	2	7,223	7,941	4,108	501,240	6,670	
23	10/31/2015	2	7,034	7,671	4,458	500,360	6,674	
24	10/31/2015	2	7,246	8,201	4,764	494,720	6,660	
25	10/31/2015	2	7,044	8,240	4,751	498,300	6,676	
Grand total		2	7,624	9,275	4,631	12,274,820	172,444	

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GLENN DIDRIKSEN OHI 210H

LITHOLOGY/FORMATION	TOP DEPTH, TVD (FT)	BOTTOM DEPTH, TVD (FT)	TOP DEPTH, MD (FT)	BOTTOM DEPTH, MD (FT)	QUANTITY AND TYPE OF FLUID
Base of Fresh Water	N.A.	194.00	N.A.	194.00	
Top of Salt Water	1055.00	N.A.	1055.00	N.A.	
Pittsburgh Coal	663.00	671.00	663.00	671.00	
Big Injun (ss)	1882.11	2365.01	1885.00	2370.00	
Berea (siltstone)	2365.01	5816.88	2370.00	5955.00	
Rhinestreet (shale)	5816.88	6098.28	5955.00	6285.16	
Cashaqua (shale)	6098.28	6140.28	6285.16	6345.33	
Middlesex (shale)	6140.28	6220.84	6345.33	6471.40	
Burket (shale)	6220.84	6245.58	6471.40	6513.62	
Tully (ls)	6245.58	6289.63	6513.62	6594.63	
Mahantango (shale)	6289.63	6424.73	6594.63	6956.89	
Marcellus (shale)	6424.73	N.A.	6956.89	N.A.	

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Hydraulic Fracturing Fluid Product Component Information Disclosure

Job Start Date:	10/26/2015
Job End Date:	11/1/2015
State:	West Virginia
County:	Ohio
API Number:	47-069-00190-00-09
Operator Name:	Southwestern Energy
Well Name and Number:	Glen Didriksen Ohio 210H
Longitude:	-80.59507005
Latitude:	40.11390800
Datum:	NAD27
Federal/Tribal Well:	NO
True Vertical Depth:	6,573
Total Base Water Volume (gal):	7,242,648
Total Base Non Water Volume:	

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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
Ingredients shown above are subject to 29 CFR 1910.1200(r) and appear on Material Safety Data Sheets (MSDS). Ingredients shown below are Non-MSDS.							
Proppant Transport	Schlumberger	Acid Corrosion Inhibitor, Acid, Friction Reducer, Myacide TS GA 25, Propping Agent, Fluid Loss Additive					
			Water (Including Mix Water Supplied by Client)*	NA		83.56455	
			Quartz, Crystalline silica	14808-60-7	98.78249	16.23534	
			Hydrochloric acid	7647-01-0	0.94726	0.15569	
			Ammonium sulfate	7783-20-2	0.14065	0.02312	
			Acrylamide, 2-acrylamido-2-methylpropanesulfonic acid, sodium salt polymer	38193-60-1	0.10381	0.01706	
			Polymer of 2-acrylamido-2-methylpropanesulfonic acid sodium salt and methyl acrylate	136793-29-8	0.01112	0.00183	
			Urea	57-13-6	0.00683	0.00112	
			Propan-2-ol	67-63-0	0.00178	0.00029	
			Sodium sulfate	7757-82-6	0.00159	0.00026	
			Silicon Dioxide	7631-86-9	0.00142	0.00023	
			Fatty acid, tall-oil reaction products with acetophenone	68188-40-9	0.00069	0.00011	

		Alcohols, C12-C16, ethoxylated	68551-12-2	0.00058	0.00009
		2-Propenamid (impurity)	79-06-1	0.00034	0.00006
		Isodecanol w/6-7 Moles Ethylene Oxide	26183-52-8	0.00039	0.00006
		Cinnamaldehyde	104-55-2	0.00025	0.00004
		Glutaraldehyde	111-30-8	0.00016	0.00003
		Tetrasodium ethylenediaminetetraacetate	64-02-8	0.00018	0.00003
		Dimethyl siloxanes and silicones	63148-62-9	0.00010	0.00002
		Dodecyl poly(oxyethylene) ether	9002-92-0	0.00003	0.00001
		Amines, tallow alkyl, ethoxylated	61791-26-2	0.00007	0.00001
		Copper(II) sulfate	7758-98-7		
		Glycols, polyethylene, monotetradecyl ether	27306-79-2	0.00002	
		Octamethylcyclotetrasiloxane	556-67-2	0.00001	
		Decamethyl cyclopentasiloxane	541-02-6	0.00001	
		Dodecamethylcyclohexasiloxane	540-97-6		
		Siloxanes and silicones, dimethyl, reaction products with silica	67762-90-7	0.00001	

* Total Water Volume sources may include fresh water, produced water, and/or recycled water

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

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)

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320 O'Bryan Lane • Van Buren, AR 72956
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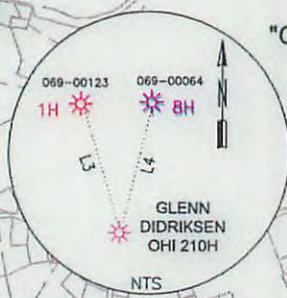
LINE	BEARING	DISTANCE	DESCRIPTION	MONUMENT
L1	S 21°29'27" E	286.30'	SHL TO LANDMARK	FOUND POST
L2	N 50°28'26" E	1107.87'	SHL TO LANDMARK	FOUND REBAR
L3	N 11°38'24" W	58.40'	SHL TO REF. PNT.	GLENN DIDRIKSEN OHI 1H WELLHEAD (069-00123)
L4	N 13°10'27" E	59.39'	SHL TO REF. PNT.	GLENN DIDRIKSEN OHI 8H WELLHEAD (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"

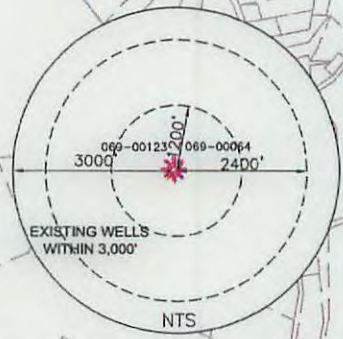
TRACT	SURFACE OWNER (S) ROYALTY OWNER (R)	TAX PARCEL	ACRES	LEASE NUMBER
1	GLENN DIDRIKSEN (S) D&D FAST FOOD, INC. (R)	3-L7-42	47.93	
2	DENSE KNOUSE-SNYDER AND STEPHEN P. SNYDER (S/R)	3-L7-42.1	22.32	1-268336-000
3	ROBERT WALTER & DONNA JEAN LASCH (S/R)	3-L10-40	141.71	1-313594-001
4	WILLIAM H. TAGGART (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

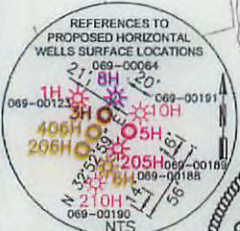


SWN PRODUCTION COMPANY, LLC
"GLENN DIDRIKSEN OHI 210H"
SURFACE HOLE
ELEV: 1,382.2'



- 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



(+) 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 ELEVATION: (NAVD 88, US FT)

COMPANY: **SWN** Production Company, LLC

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

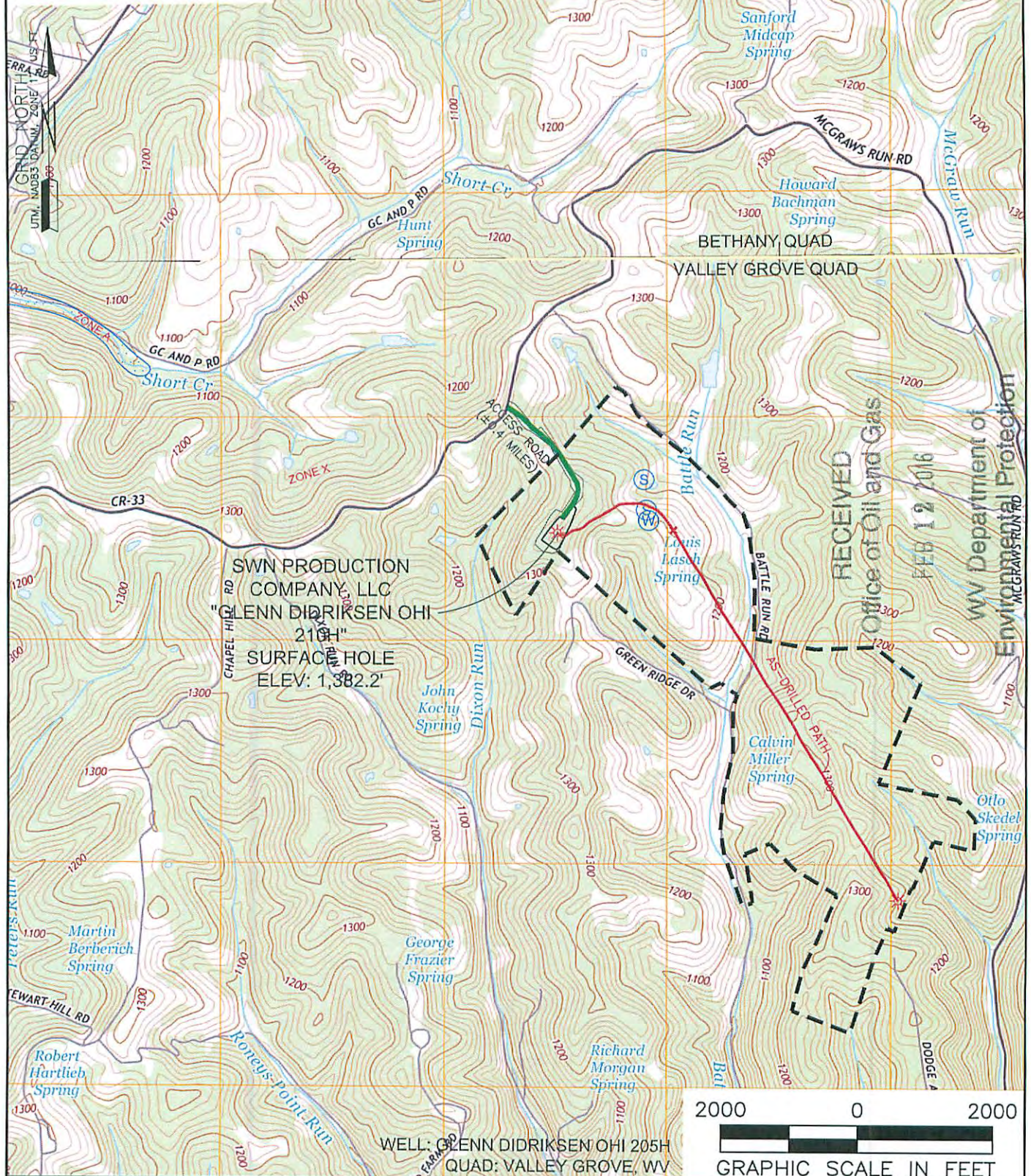
WELL OPERATOR: SWN PRODUCTION COMPANY, LLC
ADDRESS: P.O. BOX 1300
CITY: JANE LEW STATE: WV ZIP CODE: 26378

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		



320 O'Bryan Lane • Van Buren, AR 72956
 Office: 479.474.7916 • Fax: 479.474.2450
 Surveying • handa-inc.com



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NAME AND DISTANCE TO THE NEAREST STREAM: DIXON RUN IS LOCATED ±0.17 MILES NORTHWEST OF THE CENTER OF THE DRILL PAD.		STREAM CROSSING COORDINATES (NAD 83): NO NEW CROSSINGS.		COMPANY: 	
WELL RESTRICTIONS: WELL PAD, LOD, & E & S CONTROL FEATURES TO PERENNIAL STREAM, LAKE, POND, RESERVOIR OR WETLAND: >100 FEET WELL PAD, LOD, & E & S CONTROL FEATURES TO NATURALLY PRODUCING TROUT STREAM: >300 FEET WELL PAD, LOD, & E & S CONTROL FEATURES TO GROUNDWATER INTAKE OR PUBLIC WATER SUPPLY: >1000 FEET WELL SHL TO EXISTING WATER WELL OR DEVELOPED SPRING: >250 FEET CENTER OF PAD TO OCCUPIED DWELLING STRUCTURE: >625 FEET CENTER OF PAD TO AGRICULTURAL BUILDINGS LARGER THAN 2500 SQ FT: >625 FEET		OPERATOR'S GLENN DIDRIKSEN OHI		WELL #: 210H	
FEMA FLOOD INFORMATION: BY GRAPHIC PLOTTING ONLY FEMA FIRM INCORPORATED AREA OF OHIO COUNTY, WEST VIRGINIA; MAP NUMBER 54069C0080D; EFFECTIVE DATE JULY 17, 2006.		LOCATION: LIBERTY DISTRICT, OHIO COUNTY, WEST VIRGINIA		SURFACE HOLE LOCATION: GEOGRAPHIC (NAD83): LATITUDE: 40.113909° LONGITUDE: -80.595070°	
LEGEND: PROPOSED SURFACE HOLE / BOTTOM HOLE EXISTING / PRODUCING WELLHEAD ABANDONED WELL PLUGGED & ABANDONED WELL CUT CONDUCTOR EXISTING SPRING EXISTING WATER WELL ACCESS ROAD ACCESS ROAD TO PREV. SITE HIGHWAY/INTERSTATE COUNTY ROAD		BOTTOM HOLE LOCATION: GEOGRAPHIC (NAD83): LATITUDE: 40.099092° LONGITUDE: -80.577268°		REVISIONS: △ REVISED SHL, LP, & BHL FOR ASDRILLED DIRECTIONAL PATH 11-16-2015	
				DATE: 07-21-2015 DRAWN BY: J. HARNISS SCALE: 1" = 2000' DRAWING NO: 59390 TOPOGRAPHIC MAP	

03/04/2016