

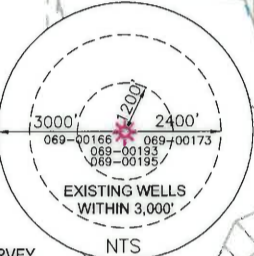
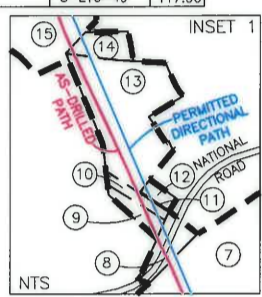
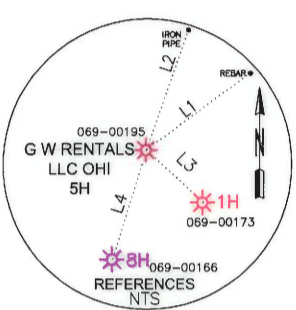
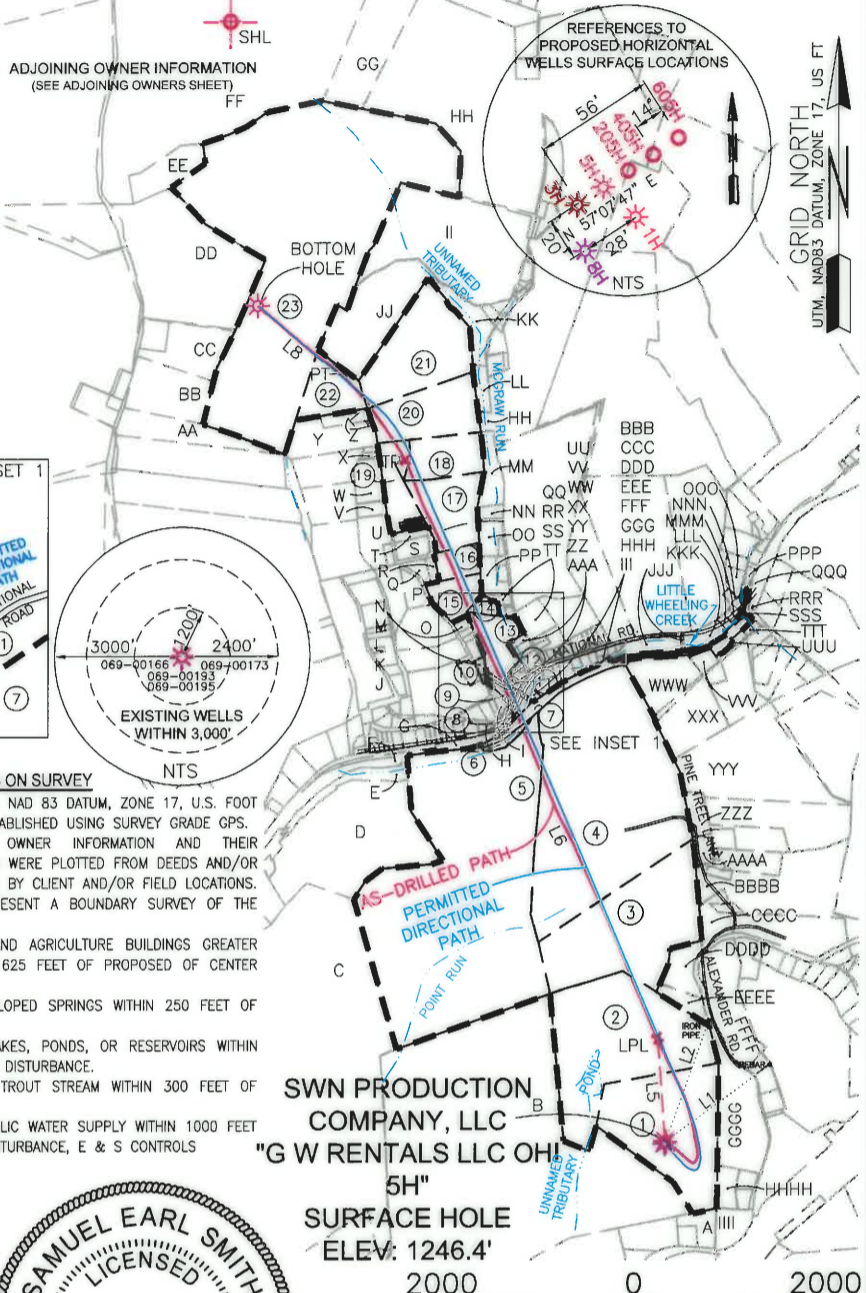


320 O'Bryan Lane • Van Buren, AR 72956  
 Office: 479.474.7916 • Fax: 479.474.2450  
 Surveying • handa-inc.com

Latitude: 40°05'00"

LINE	BEARING	DISTANCE	DESCRIPTION	MONUMENT
L1	N 53°39'20" E	1324.31'	SHL TO LANDMARK	5/8" REBAR
L2	N 19°01'34" E	1301.02'	SHL TO LANDMARK	1" IRON PIPE
L3	S 49°14'41" E	20.20'	SHL TO REF. PNT.	G W RENTALS LLC OHI 1H WELL HEAD 069-00173
L4	S 15°31'37" W	30.80'	SHL TO REF. PNT.	G W RENTALS LLC OHI 8H WELL HEAD 069-00166
LINE	BEARING	DISTANCE	CURVE LENGTH	DESCRIPTION
L5	N 04°22'15" W	1066.36'		SHL TO LP
L6	N 23°53'13" W	6520.80'		LP TO TP
L7	CHD: N 37°22'25" W	CHD: 1133.19'	1137.42'	TP TO PT
L8	N 50°48'34" W	1096.20'		PT TO BHL

TRACT	SURFACE OWNER (S)/ROYALTY OWNER (R)	TAX PARCEL	ACRES
1	GW RENTALS, LLC (S) LEE J GLESSNER & GARY W GLESSNER (R) JAMES Z CHAMBERS (R) JEFFREY S CHAMBERS (R) JUDY LYNN CHAMBERS (R)	6-T9-5.1	27.66
2	GW RENTALS, LLC (S)	6-T9-5.2	38.15
3	GW RENTALS, LLC (S/R)	6-T4-2.2	26.65
4	GARY W GLESSNER AS TRUSTEE OF THE LEE J GLESSNER DYNASTY TRUST (S) LEE J GLESSNER (R)	6-T4-2	86.89
5	BETTY M SINCLAIR (S/R)	3-L14-1.1	99.77
6	VALLEY GROVE VOLUNTEER FIRE DEPARTMENT, INC (S/R)	8-VG9-94	0.83
7	VALLEY GROVE VOLUNTEER FIRE DEPARTMENT, INC (S/R)	8-VG9-93	15.88
8	THE VILLAGE OF VALLEY GROVE (S/R)	8-VG9-81	1.12
9	L&M RENTALS, LLC (S/R)	8-VG9-76	0.49
10	TODD M MAXWELL (S/R)	8-VG9-76.1	0.40
11	SCOTT M HEATH (S/R)	8-VG9-77.1	0.01
12	SCOTT M HEATH (S/R)	8-VG9-77	0.17
13	DONALD H WADDELL (S/R)	8-VG6-8	6.00
14	DENISE A STILES & JOANNA D MAAS (S/R)	8-VG6-7	0.93
15	HAROLD K SAYRE (S/R)	3-L14A-189	4.39
16	MICHAEL A ZINK & PATRICIA J ZINK (S/R)	3-L14A-17	3.21
17	ROBER DALE ABERCROMBIE & PATRICIA ANN ABERCROMBIE (S/R)	3-L14A-197	10.08
18	JOHN M BORING III & APRIL D BORING (S/R)	3-L11N-29	6.64
19	JOHN M BORING III & APRIL D BORING (S/R)	3-L11N-31	4.85
20	JOHN M BORING III & APRIL D BORING (S/R)	3-L11-70	13.05
21	EARL P. FARMER JR. (S)	3-L11-16	19.44
22	EARL P. FARMER JR & HEATHER NAVE FARMER (S/R)	3-L11-17.1	6.79
23	ERIC W LYTLE (S/R)	3-L10-49	117.06



- 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 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.

<b>SURFACE HOLE LOCATION (SHL)</b> UTM (NAD83, ZONE 17, METERS): NORTHING: 4,436,095.988 EASTING: 537,035.475
<b>LANDING POINT LOCATION (LPL)</b> UTM (NAD83, ZONE 17, METERS): NORTHING: 4,436,420.071 EASTING: 537,010.703
<b>BOTTOM HOLE LOCATION (BHL)</b> UTM (NAD83, ZONE 17, METERS): NORTHING: 4,438,722.992 EASTING: 535,737.258



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.

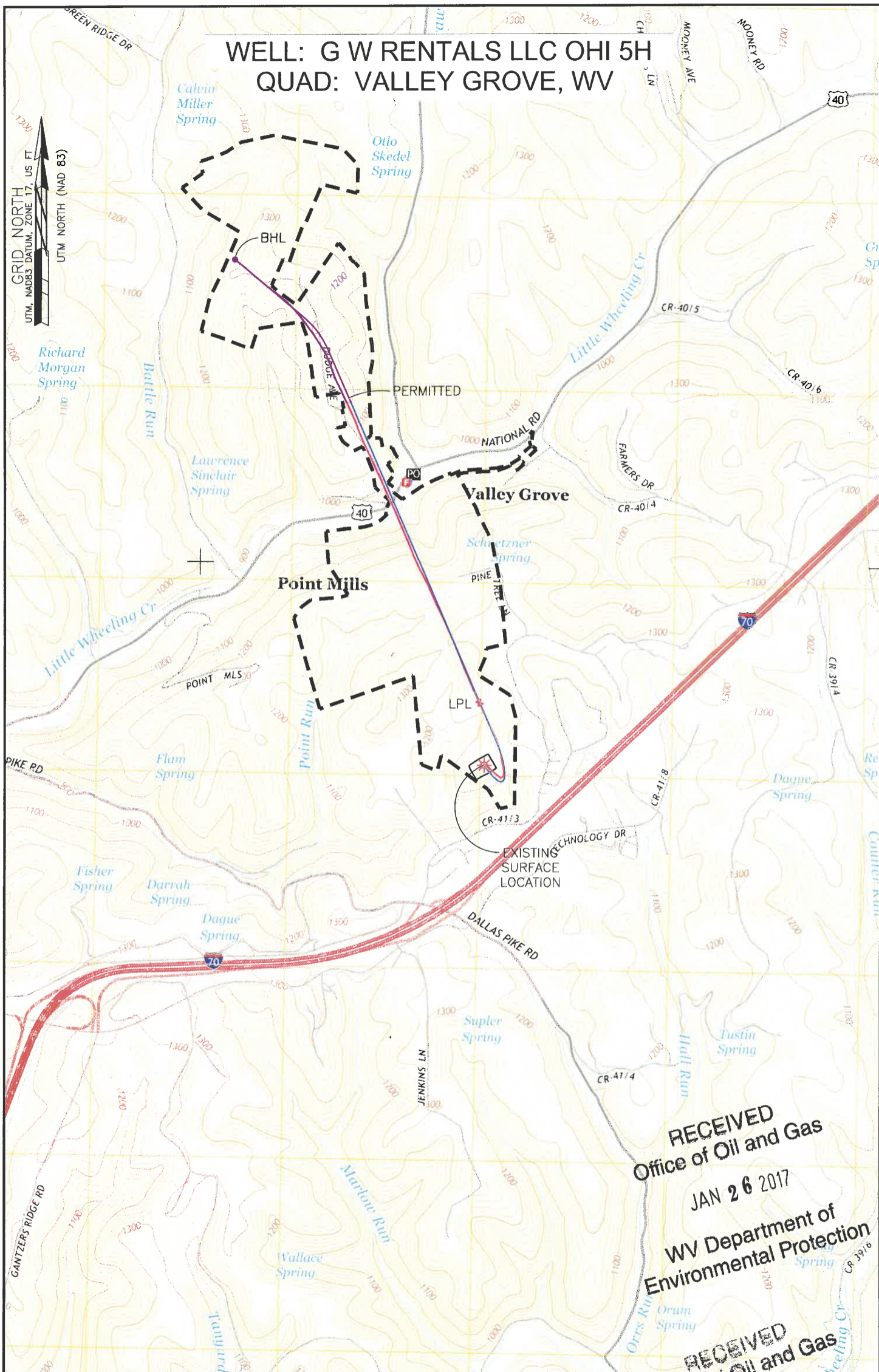
P.S. 2315 *[Signature]* 07-27-16

(+) 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 GRADE GPS ELEVATION: (NAVD 88, US FT)	COMPANY: SWN Production Company, LLC G W RENTALS LLC OHI OPERATOR'S WELL #: 5H API WELL #: 47 69 00195 STATE COUNTY PERMIT
	WELL TYPE: OIL <input type="checkbox"/> WASTE DISPOSAL <input type="checkbox"/> PRODUCTION <input type="checkbox"/> DEEP <input type="checkbox"/> GAS <input checked="" type="checkbox"/> LIQUID INJECTION <input type="checkbox"/> STORAGE <input type="checkbox"/> SHALLOW <input checked="" type="checkbox"/>	WATERSHED: WHEELING CREEK DISTRICT: TRIADELPHIA COUNTY: OHIO SURFACE OWNER: GW RENTALS, LLC OIL & GAS ROYALTY OWNER: LEE J GLESSNER & MARK W GLESSNER, JAMES Z CHAMBERS, JEFFREY S CHAMBERS, & JUDY LYNN CHAMBERS DRILL <input type="checkbox"/> DRILL DEEPER <input type="checkbox"/> REDRILL <input type="checkbox"/> FRACTURE OR STIMULATE <input type="checkbox"/> PLUG OFF OLD FORMATION <input type="checkbox"/> PERFORATE NEW FORMATION <input type="checkbox"/>

CONVERT <input type="checkbox"/> PLUG & ABANDON <input type="checkbox"/> CLEAN OUT & REPLUG <input type="checkbox"/> OTHER CHANGE <input checked="" type="checkbox"/> (SPECIFY) AS-DRILLED TARGET FORMATION: MARCELLUS DEPTH: 6,514' TVD 16,375' 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
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<b>LEGEND:</b> ○ PROPOSED SURFACE HOLE / BOTTOM HOLE ✱ EXISTING / PRODUCING WELLHEAD ✕ ABANDONED WELL ✕ PLUGGED & ABANDONED WELL △ CUT CONDUCTOR	--- LEASE BOUNDARY --- AS-DRILLED PATH --- PERMITTED DIRECTIONAL PATH	<b>REVISIONS:</b> △ ADDED ADJACENT PARCELS, 08-14-2015 △ ADDED ADJACENT PARCEL OWNERS, TAX MAP △ PARCEL NUMBER, & ACREAGE, 09-10-2015 △ UPDATED WITH AS-DRILLED DIRECTIONAL PATH, 11-24-2015 △ UPDATED PER. DIR. PATH, ADD LP COORDS. 07-25-2016	<b>DATE:</b> 11-20-2015 <b>SEE INSET SHEET 2</b> <b>DRAWN BY:</b> S. HUTSON <b>SCALE:</b> 1" = 2000' <b>DRAWING NO:</b> 59323 <b>WELL LOCATION PLAT</b>
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**WELL: G W RENTALS LLC OHI 5H  
 QUAD: VALLEY GROVE, WV**



**RECEIVED**  
 Office of Oil and Gas  
 JAN 26 2017  
 WV Department of  
 Environmental Protection

**RECEIVED**  
 Office of Oil and Gas  
 JAN 26 2017

NOTE:  
 THE PURPOSE OF THIS PLAT IS FOR THE LOCATION OF PROPOSED GAS  
 WELLS AND DOES NOT REPRESENT A CLOSED BOUNDARY SURVEY.  
 PROPERTY LINE AND OWNERS WERE OBTAINED FROM VARIOUS FIELD  
 EVIDENCE, TAX RECORDS AND AERIAL MAPPING.

Applicant / Well Operator Name SWN PRODUCTION COMPANY, LLC	Well (Farm) Name G W RENTALS LLC OHI	Well 5H	Serial #
Address PO BOX 1300, JANE LEW, WV 76378	County - Code OHIO - 69	District TRIADELPHIA	
Surface Landowner / Lessor G W RENTALS LLC	USGS 7 1/2 Quadrangle Map Name VALLEY GROVE, WV		