



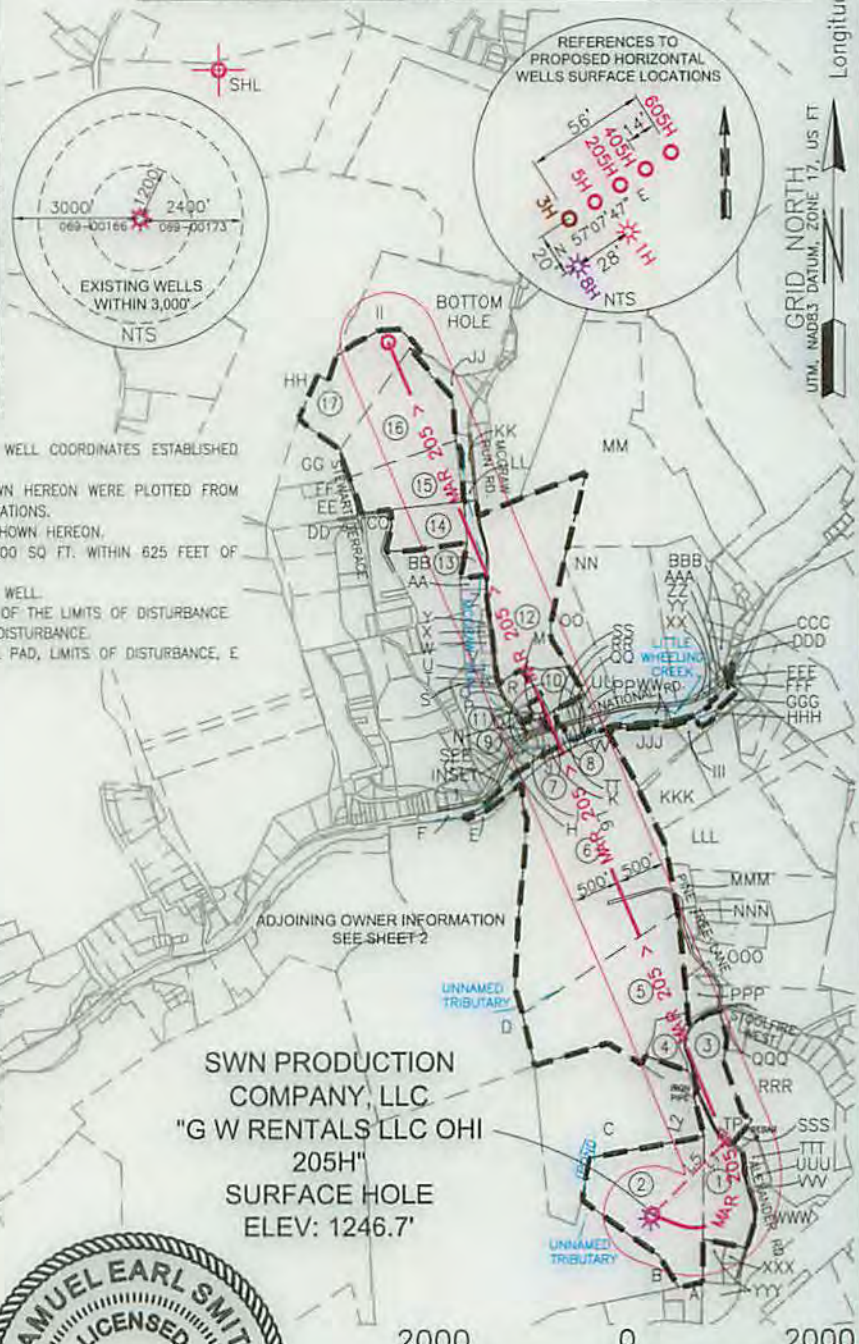
320 O'Bryan Lane • Van Buren, AR 72956
Office: 479.474.7916 • Fax: 479.474.2450
Surveying • handa-inc.com

TRACT	SURFACE OWNER (S) / ROYALTY OWNER (R)	TAX PARCEL	ACRES
1	GW RENTALS, LLC (S)	6-19-5	13.96
2	LEE J. GLESSNER & GARY W. GLESSNER (R)	6-19-5.1	27.66
3	GW RENTALS, LLC (S)	6-14-4.9	9.78
4	LEE J. GLESSNER & GARY W. GLESSNER (R)	6-14-4.2	3.71
5	JAMES Z. CHAMBERS (R)	6-14-2.2	26.85
6	JEFFREY S. CHAMBERS (R)	6-14-2	85.89
7	JUDY LYNN CHAMBERS (R)	8-VG9-93	14.80
8	GARY W. GLESSNER (S/R)	8-VG9-91	0.34
9	ROBERT B. ELLIOTT & KATHY A. ELLIOTT (S/R)	8-VG8-20	0.39
10	GW RENTALS, LLC (S/R)	8-VG6-24	0.79
11	WILMA M. FERRELL (S/R)	8-VG6-25	2.95
12	WILMA M. FERRELL (S/R)	3-L14-2.2	32.26
13	WILLIAM S. PATTERSON III & DAWN E. PATTERSON (S/R)	8-VG3-1	3.34
14	ROBERT DALE ABERCROMBIE & PATRICIA ANN ABERCROMBIE (S/R)	3-L11N-29	6.64
15	JOHN M. BORING III & APRIL D. BORING (S/R)	3-L11-70	13.05
16	JOHN M. BORING III & APRIL D. BORING (S/R)	3-L11-16	19.44
17	EARL P. FARMER JR. (S)	3-L11-17.1	15.75

NOTES ON SURVEY

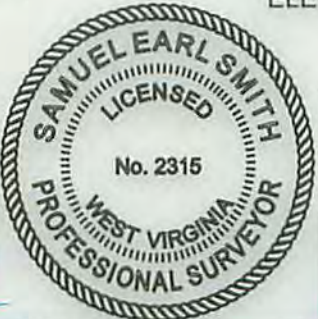
- COORDINATE SYSTEM IS UTM, NAD 83 DATUM, ZONE 17, U.S. FOOT AND WELL COORDINATES ESTABLISHED USING SURVEY GRADE GPS.
- SURFACE AND ROYALTY OWNER INFORMATION AND THEIR BOUNDARIES SHOWN HEREON WERE PLOTTED FROM DEEDS AND/OR TAX PARCEL MAPS PROVIDED BY CLIENT AND/OR FIELD LOCATIONS.
- THIS PLAT DOES NOT 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.

LINE	BEARING	DISTANCE	DESCRIPTION	MONUMENT
L1	N 53°37'25" E	1310.28'	SHL TO LANDMARK	5/8" REBAR SET
L2	N 18°38'58" E	1289.95'	SHL TO LANDMARK	1" IRON PIPE
L3	S 09°40'30" E	21.22'	SHL TO REF. PNT.	G W RENTALS LLC OHI 1H WELL HEAD 069-00173
L4	S 28°03'21" W	42.49'	SHL TO REF. PNT.	G W RENTALS LLC OHI 8H WELL HEAD 069-00166
LINE	BEARING	DISTANCE	CURVE LENGTH	DESCRIPTION
L5	N 45°31'45" E	1067.92'		SHL TO LP
L6	N 22°44'24" W	7619.36'		LP TO BHL



SURFACE HOLE LOCATION (SHL):
UTM (NAD83, ZONE 17, METERS):
NORTHING: 4,436,098.343
EASTING: 537,039.051
LANDING POINT LOCATION (LPL):
UTM (NAD83, ZONE 17, METERS):
NORTHING: 4,436,326.363
EASTING: 537,271.315
BOTTOM HOLE LOCATION (BHL):
UTM (NAD83, ZONE 17, METERS):
NORTHING: 4,438,827.423
EASTING: 536,210.134

SWN PRODUCTION COMPANY, LLC
"G W RENTALS LLC OHI 205H"
SURFACE HOLE
ELEV: 1246.7'



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 *Samuel Smith*

COMPANY: **SWN** Production Company, LLC

(+) 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)

G W RENTALS LLC OHI

OPERATOR'S WELL #: 205H

API WELL #: 47 STATE 69 COUNTY PERMIT

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

WATERSHED: WHEELING CREEK ELEVATION: 1246.7'

DISTRICT: TRIADELPHIA COUNTY: OHIO QUADRANGLE: VALLEY GROVE WW.

SURFACE OWNER: GW RENTALS, LLC. ACREAGE: ±27.66

OIL & GAS ROYALTY OWNER: LEE J GLESSNER & MARK W GLESSNER, JAMES Z CHAMBERS, JEFFREY S CHAMBERS, & JUDY LYNN CHAMBERS ACREAGE: ±27.66

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

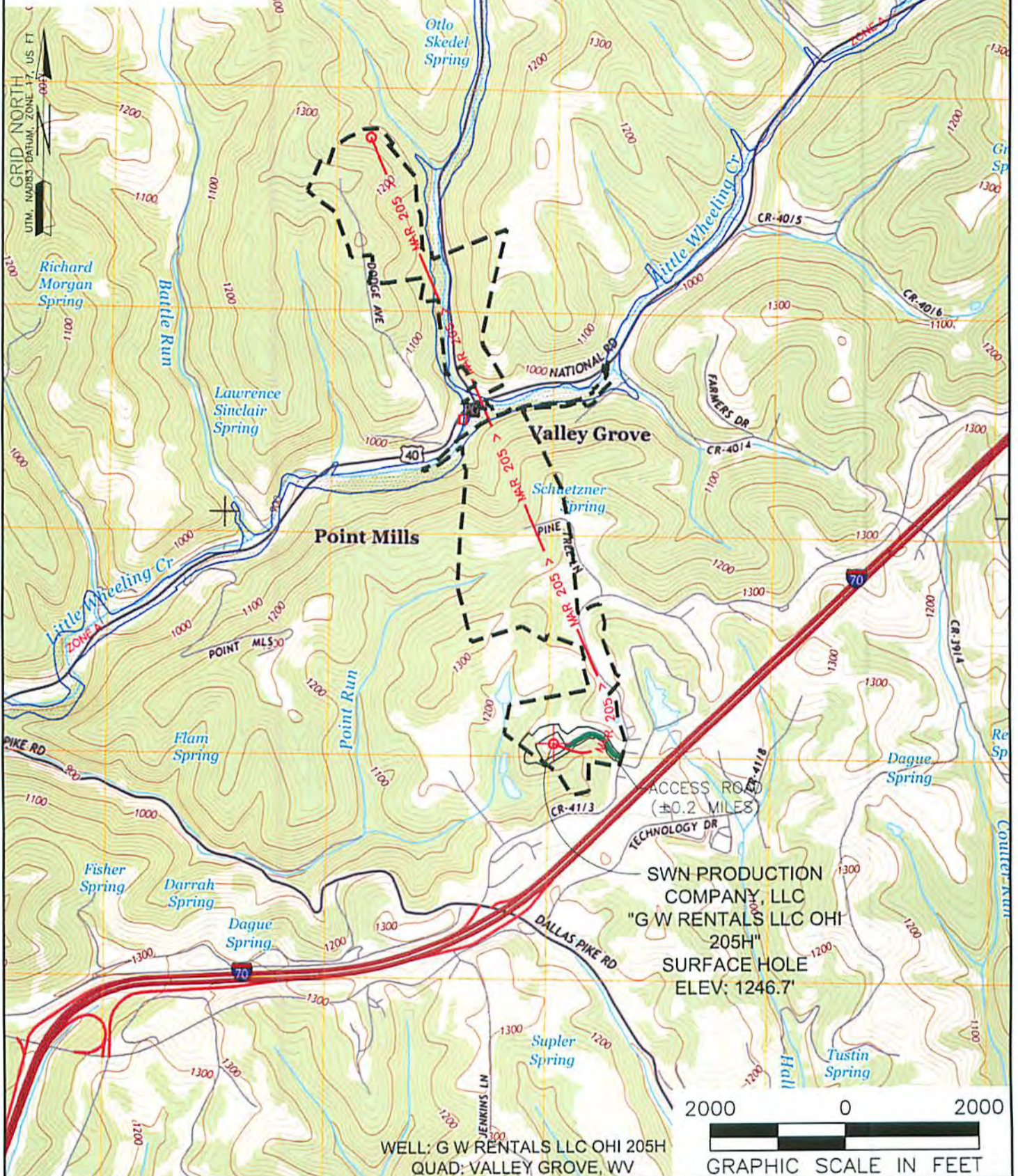
CONVERT PLUG & ABANDON CLEAN OUT & REPLUG OTHER CHANGE (SPECIFY)

TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: 6,521' TVD 16,282' 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 DIRECTIONAL PATH, 08-06-2015	09-01-2015
⊙ EXISTING / PRODUCING WELLHEAD	△ ADDED ADJACENT PARCELS, 08-14-2015	SEE INSET SHEET 2
⊙ ABANDONED WELL	△ ADDED ADJACENT PARCEL OWNERS, TAX MAP PARCEL NUMBER, & ACREAGE, 09-10-2015	DRAWN BY: S. HUTSON
⊙ PLUGGED & ABANDONED WELL		SCALE: 1" = 2000'
△ CUT CONDUCTOR		DRAWING NO: 59090
		WELL LOCATION PLAT



WELL: G W RENTALS LLC OHI 205H
QUAD: VALLEY GROVE, WV

2000 0 2000
GRAPHIC SCALE IN FEET

<p>NAME AND DISTANCE TO THE NEAREST STREAM: AN UNNAMED TRIBUTARY OF POINT RUN IS LOCATED ±0.15 MILES NORTHWEST OF THE CENTER OF THE DRILL PAD.</p>		<p>STREAM CROSSING COORDINATES (NAD 83): NO NEW CROSSINGS.</p>		<p>COMPANY: SWN Production Company, LLC</p>		<p>SWN ^{R+V+} Production Company™</p>	
<p>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</p>				<p>OPERATOR'S: G W RENTALS LLC OHI WELL #: 205H</p>		<p>LOCATION: TRIADELPHIA DISTRICT, OHIO COUNTY, WEST VIRGINIA</p>	
<p>FEMA FLOOD INFORMATION: BY GRAPHIC PLOTTING ONLY FEMA FIRM UNINCORPORATED AREA OF OHIO COUNTY, WEST VIRGINIA; MAP NUMBER 54069C0080D; EFFECTIVE JULY 17, 2006.</p>				<p>SURFACE HOLE LOCATION: GEOGRAPHIC (NAD83): LATITUDE: 40.074337° LONGITUDE: -80.565612°</p>		<p>BOTTOM HOLE LOCATION: GEOGRAPHIC (NAD83): LATITUDE: 40.098960° LONGITUDE: -80.575180°</p>	
<p>LEGEND: ○ PROPOSED SURFACE HOLE / BOTTOM HOLE ⊙ EXISTING / PRODUCING WELLHEAD ⊗ ABANDONED WELL ⊗ PLUGGED & ABANDONED WELL △ CUT CONDUCTOR</p>				<p>○ EXISTING SPRING ○ EXISTING WATER WELL — ACCESS ROAD — ACCESS ROAD TO PREV. SITE — HIGHWAY/INTERSTATE — COUNTY ROAD</p>		<p>REVISIONS: △ REVISED DIRECTIONAL PATH, 08-06-2015</p>	
				<p>DATE: 09-01-2015</p>		<p>DRAWN BY: S. HUTSON SCALE: 1" = 2000' DRAWING NO: 59090 TOPOGRAPHIC MAP</p>	