



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

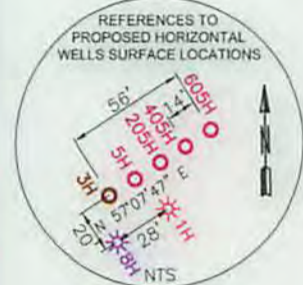
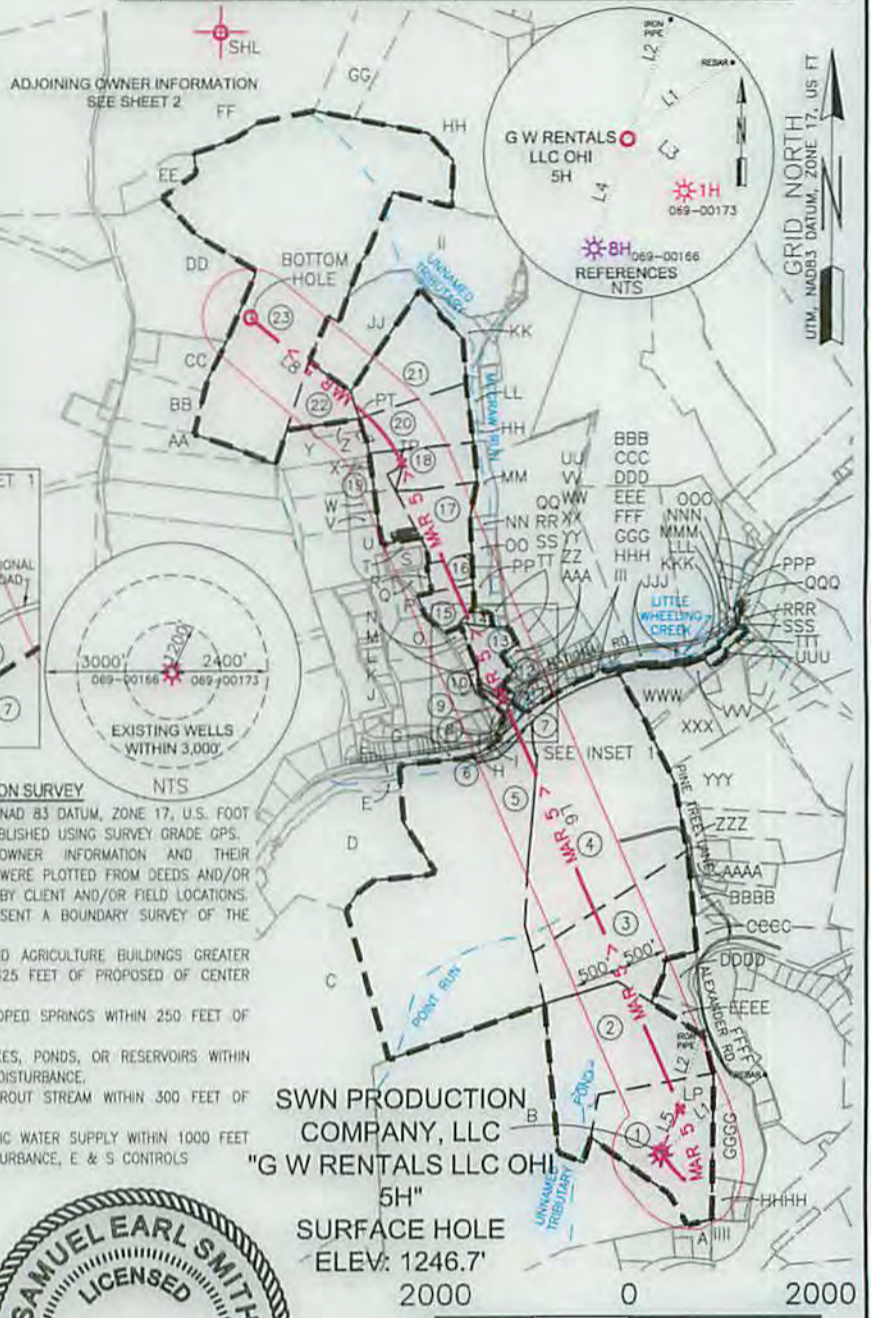
TRACT	SURFACE OWNER (S) / ROYALTY OWNER (R)	TAX PARCEL	ACRES
1	GW RENTALS, LLC (S) LEE J GLESSNER & GARY W GLESSNER (R) JAMES Z CHAMBERS (R) JEFFREY S CHAMBERS (R) JUDY LYNN CHAMBERS (R)	6-T9-5.1	27.66
2	GW RENTALS, LLC (S) LEE J GLESSNER & GARY W GLESSNER (R)	6-T9-5.2	36.15
3	GW RENTALS, LLC (S/R)	6-T4-2.2	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 WADELL (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	4.36
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 II & APRIL D BORING (S/R)	3-L11N-29	6.64
19	JOHN M BORING II & APRIL D BORING (S/R)	3-L11N-31	4.85
20	JOHN M BORING II & 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 LITTLE (S/R)	3-L10-49	117.06

LINE	BEARING	DISTANCE	DESCRIPTION	MONUMENT
L1	N 53°39'21" E	1324.28'	SHL TO LANDMARK	5/8" REBAR
L2	N 19°01'47" E	1301.03'	SHL TO LANDMARK	1" IRON PIPE
L3	S 49°09'15" E	20.20'	SHL TO REF. PNT.	G W RENTALS LLC OHI 1H WELL HEAD 069-00173
L4	S 15°30'58" W	30.92'	SHL TO REF. PNT.	G W RENTALS LLC OHI BH WELL HEAD 069-00166

LINE	BEARING	DISTANCE	CURVE LENGTH	DESCRIPTION
L5	N 24°22'56" E	488.08'		SHL TO LP
L6	N 23°24'13" W	7250.01'		LP TO TP
L7	CHD: N 36°38'32" W	CHD: 656.06'	661.81'	TP TO PT
L8	N 49°52'52" W	1531.38'		PT TO BHL

Latitude: 40°05'00"

Longitude: 80°32'30"

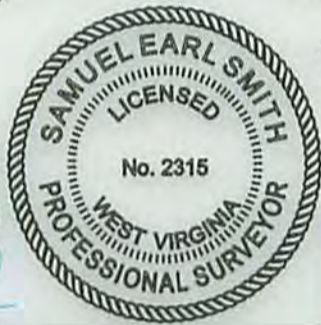


NOTES ON SURVEY

- 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.

SURFACE HOLE LOCATION (SHL): UTM (NAD83, ZONE 17, METERS): NORTHING: 4,436,095.995 EASTING: 537,035.481
LANDING POINT LOCATION (LPL): UTM (NAD83, ZONE 17, METERS): NORTHING: 4,436,231.494 EASTING: 537,096.896
TURN POINT LOCATION (TPL): UTM (NAD83, ZONE 17, METERS): NORTHING: 4,438,259.498 EASTING: 536,219.143
BOTTOM HOLE LOCATION (BHL): UTM (NAD83, ZONE 17, METERS): NORTHING: 4,438,720.719 EASTING: 535,742.859

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.



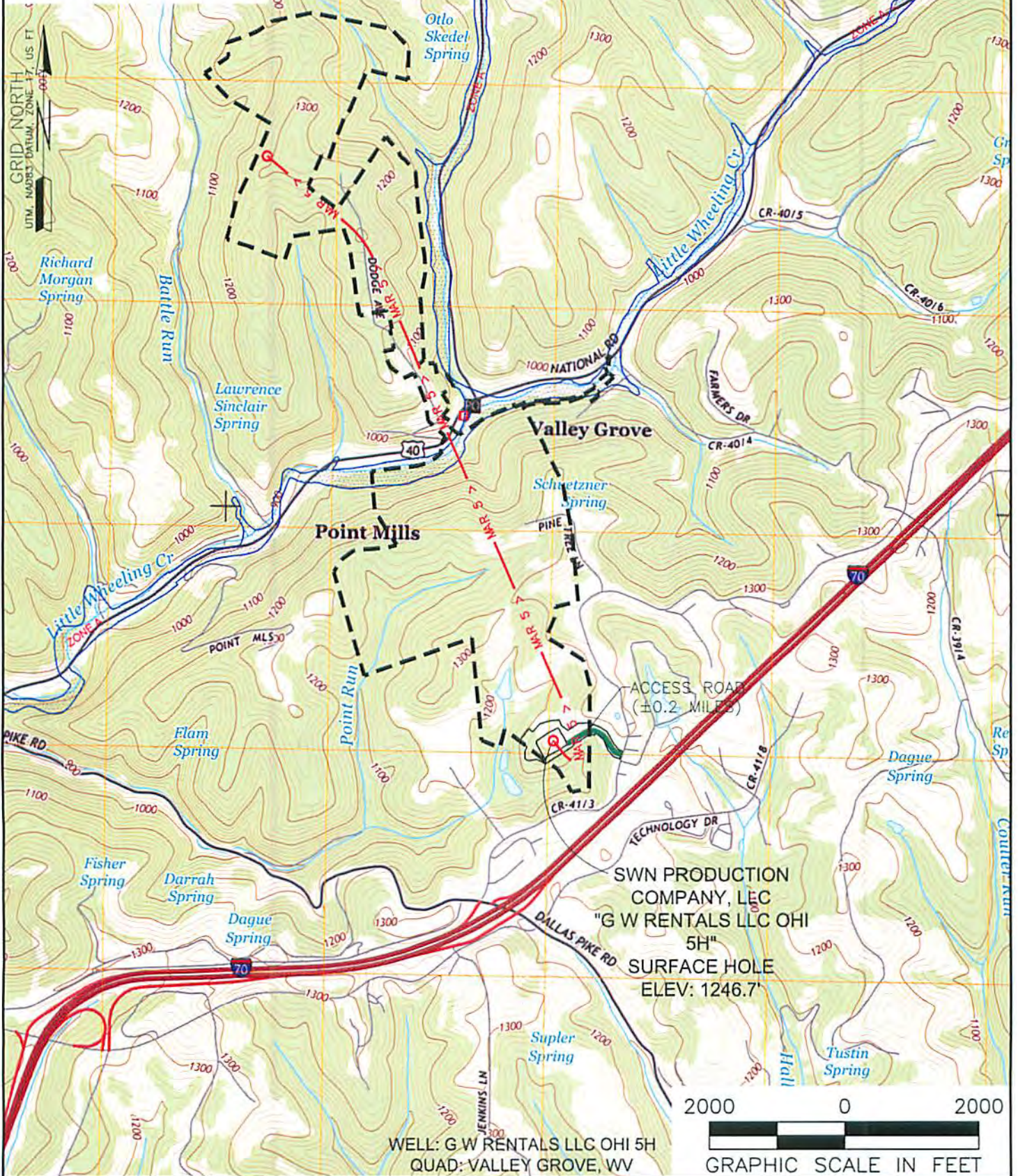
P.S. 2315

Samuel Earl Smith

(+) 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 H6A STATE COUNTY PERMIT
	WELL TYPE: OIL WASTE DISPOSAL PRODUCTION DEEP GAS <input checked="" type="checkbox"/> LIQUID INJECTION STORAGE SHALLOW <input checked="" type="checkbox"/> WATERSHED: WHEELING CREEK DISTRICT: TRIADDELPHIA 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 ACREAGE: ±27.66 DRILL <input checked="" type="checkbox"/> DRILL DEEPER <input type="checkbox"/> REDRILL <input type="checkbox"/> FRACTURE OR STIMULATE <input checked="" 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 (SPECIFY) <input type="checkbox"/> TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: 6,515' IVD 16,507' TMD	ELEVATION: 1,246.7' QUADRANGLE: VALLEY GROVE WW. ACREAGE: ±27.66 ACREAGE: ±27.66

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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LEGEND: ○ PROPOSED SURFACE HOLE / BOTTOM HOLE ✖ EXISTING / PRODUCING WELLHEAD ✖ ABANDONED WELL ✖ PLUGGED & ABANDONED WELL △ CUT CONDUCTOR --- LEASE BOUNDARY --- 500' DHP BUFFER - MAR 1 - MARCELLUS DHP --- ABANDONED PATH	REVISIONS: △ ADDED ADJACENT PARCELS, 08-14-2015 △ ADDED ADJACENT PARCEL OWNERS, TAX MAP PARCEL NUMBER, & ACREAGE, 09-10-2015
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WELL: G W RENTALS LLC OHI 5H
QUAD: VALLEY GROVE, WV

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.		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 LAGER THAN 2500 SQ FT: >625 FEET		OPERATOR'S G W RENTALS LLC OHI		WELL #: 5H	
FEMA FLOOD INFORMATION: BY GRAPHIC PLOTTING ONLY FEMA FIRM UNINCORPORATED AREA OF OHIO COUNTY, WEST VIRGINIA; MAP NUMBER 54069C0080D; EFFECTIVE JULY 17, 2006.		LOCATION: TRIADELPHIA DISTRICT, OHIO COUNTY, WEST VIRGINIA		SURFACE HOLE LOCATION: GEOGRAPHIC (NAD83): LATITUDE: 40.074316° LONGITUDE: -80.565654°	
LEGEND: ○ PROPOSED SURFACE HOLE / BOTTOM HOLE ✱ EXISTING / PRODUCING WELLHEAD ✖ ABANDONED WELL ✖ PLUGGED & ABANDONED WELL △ CUT CONDUCTOR		(S) EXISTING SPRING (W) EXISTING WATER WELL — ACCESS ROAD — ACCESS ROAD TO PREV. SITE — HIGHWAY/INTERSTATE — COUNTY ROAD		BOTTOM HOLE LOCATION: GEOGRAPHIC (NAD83): LATITUDE: 40.098019° LONGITUDE: -80.580668°	
REVISIONS:		DATE: 09-01-2015		DRAWN BY: S. HUTSON SCALE: 1" = 2000' DRAWING NO: 59089 TOPOGRAPHIC MAP	