

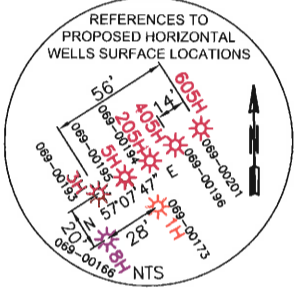
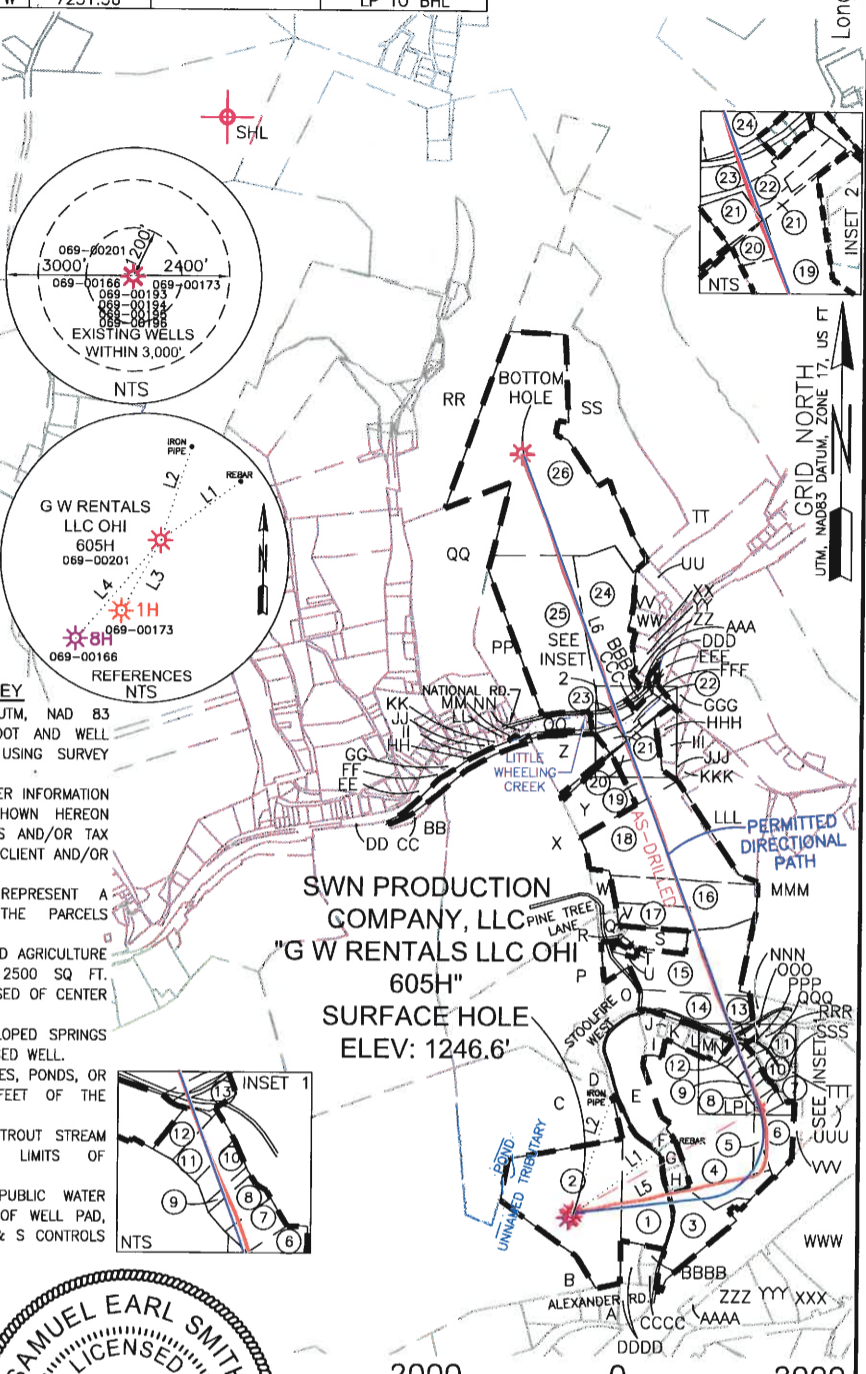


320 O'Bryan Lane • Van Buren, AR 72956  
Office: 479.474.7916 • Fax: 479.474.2450  
Surveying • handa-inc.com

LINE	BEARING	DISTANCE	DESCRIPTION	MONUMENT
L1	N 53°31'56" E	1282.52'	SHL TO LANDMARK	5/8" REBAR SET
L2	N 17°51'02" E	1268.47'	SHL TO LANDMARK	1" IRON PIPE
L3	S 29°14'09" W	40.95'	SHL TO REF. PNT.	G W RENTALS LLC OHI 1H WELL HEAD 069-00173
L4	S 39°49'29" W	68.00'	SHL TO REF. PNT.	G W RENTALS LLC OHI 8H WELL HEAD 069-00166
LINE	BEARING	DISTANCE	CURVE LENGTH	DESCRIPTION
L5	N 60°23'11" E	2254.10'		SHL TO LP
L6	N 20°39'12" W	7231.56'		LP TO BHL

Latitude: 40°05'00"  
Longitude: 80°32'30"

TRACT	SURFACE OWNER (S) / ROYALTY OWNER (R)	TAX PARCEL	ACRES
1	GW RENTALS, LLC (S) LEE J. GLESSNER & GARY W. GLESSNER (R)	6-T9-5	13.96
2	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
3	SAMUEL LEE HARRIS SR., TRUSTEE OF THE ROBERT EDWARD LEE HARRIS & SAMUEL LEE HARRIS JR., IRREVOCABLE TRUST (S/R)	6-T9-57	9.31
4	JOSEPH M. TEAGARDEN & MARLA M. TEAGARDEN (S) VICTOR A. WOOD & JENNA P. WOOD (R)	6-T4-4.30	33.32
5	H. ELAINE SCHNEIDER & THOMAS E. SCHNEIDER (S/R)	6-T4-4.28	1.71
6	H. ELAINE SCHNEIDER & THOMAS E. SCHNEIDER (S/R)	6-T4-4.26	3.95
7	DAVID LEE BARNETT & NANCY BARNETT (S/R)	6-T4-4.23	0.88
8	CATHY A. CALISSIE (S/R)	6-T4-4.14	0.74
9	CATHY A. CALISSIE (S/R)	6-T4-4.15	0.14
10	ALBERT J. MESTROVIC JR & SHERRIE E. MESTROVIC (S/R)	6-T4-4.7	1.19
11	GARY W. VOORHEIS & SUNDARA VOORHEIS (S/R)	6-T4-4.6	1.03
12	GARY W. VOORHEIS & SUNDARA VOORHEIS (S/R)	6-T4-4.29	0.87
13	RCC PROPERTIES, LLC (S/R)	6-T4-4.11	0.87
14	GW RENTALS, LLC (S/R)	6-T4-4	10.68
15	THOMAS DOEPKEN (S/R)	3-L14-14	25.00
16	WILLIAM E. WARD & LOLLYANNE G. WARD (S/R)	3-L14-14.6	9.74
17	LARRY R. LEWIS & MISON LEWIS (S/R)	3-L14-14.13	4.95
18	WILLIAM E. WARD & LOLLYANNE G. WARD (S/R)	3-L14-14.4	18.34
19	SCOTT W. KNOLLINGER & BARBARA A. KNOLLINGER (S/R)	3-L14-5	5.74
20	WILDA X. DUNN (S/R)	3-L14-5.1	0.69
21	STEVEN PASSA (S/R)	3-L14-6	0.82
22	VALLEY GROVE VOLUNTEER FIRE DEPT., INC. (S/R)	8-VG9-93	14.80
23	THOMAS J. HUNTER & CAROL R. HUNTER (S/R)	8-VG7-17	0.91
24	JACK LAWRENCE NELSON & CHARLOTTE ANN NELSON (S/R)	8-VG7-24	14.78
25	LYNN REUSSER & YVONNE REUSSER (S/R)	8-VG7-24.1	25.87
26	LYNN REUSSER & YVONNE REUSSER (S/R)	3-L11-20.1	66.28



- 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: 4,436,102.860 EASTING: 537,046.234
<b>LANDING POINT LOCATION (LPL):</b> UTM (NAD83, ZONE 17, METERS): NORTHING: 4,436,442.365 EASTING: 537,643.540
<b>BOTTOM HOLE LOCATION (BHL):</b> UTM (NAD83, ZONE 17, METERS): NORTHING: 4,438,504.890 EASTING: 536,866.094

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* 04-19-16

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 #: 605H API WELL #: 47 69 00201 STATE COUNTY PERMIT
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WELL TYPE: OIL  WASTE DISPOSAL  PRODUCTION  DEEP  GAS  LIQUID INJECTION  STORAGE  SHALLOW

WATERSHED: WHEELING CREEK ELEVATION: 1,246.6'

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

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

OIL & GAS ROYALTY OWNER: LEE J GLESSNER & GARY 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) AS-DRILLED

TARGET FORMATION: MARCELLUS DEPTH: 6,537' IVD 14,834' TMD

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

<b>LEGEND:</b>	<b>REVISIONS:</b>	<b>DATE:</b> 03-30-2016
○ PROPOSED SURFACE HOLE / BOTTOM HOLE	△ REVISED PARCEL NO. & LEASE BDRY 04-12-2016	
⊙ EXISTING / PRODUCING WELLHEAD		
⊙ ABANDONED WELL		
⊙ PLUGGED & ABANDONED WELL		
△ CUT CONDUCTOR		
— LEASE BOUNDARY		
— AS-DRILLED PATH		
— PERMITTED DIRECTIONAL PATH		
		<b>DRAWN BY:</b> K. IRVIN
		<b>SCALE:</b> 1" = 2000'
		<b>DRAWING NO:</b> 59423
		<b>WELL LOCATION PLAT</b>