

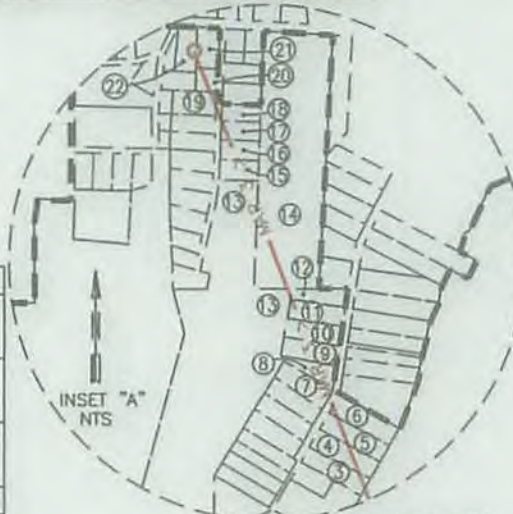
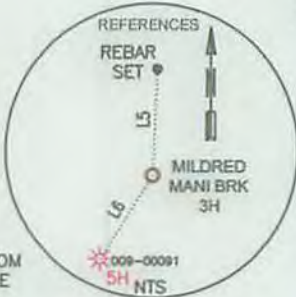
LINE	BEARING	DISTANCE	DESCRIPTION	MONUMENT
L1	S 89°02'06" E	1425.82'	SHL TO LANDMARK	FOUND IRON PIPE
L2	S 47°57'10" E	995.08'	SHL TO LANDMARK	FOUND IRON PIPE
L3	N 51°59'45" W	489.06'	SHL TO TPL	
L4	N 20°23'41" W	5036.48'	TPL TO BHL	
L5	N 02°51'19" E	165.27'	SHL TO REF. PNT.	1/2" REBAR SET
L6	S 31°54'52" W	27.50'	SHL TO REF. PNT.	MILDRED MANI BRK SH WELL HEAD 009-00091

Latitude: 40°17'30"

Longitude: 80°35'00"

GRID NORTH  
UTM, NAD83 DATUM, ZONE 17, US FT

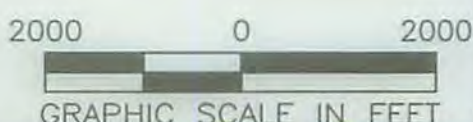
PROPERTY OWNER	PARCEL	ACRES	LEASE NUMBER
1	ERIK PHILIP BAUER & MILDRED MANI & MILES BAUER	B27-26	75.44
2	ERIK PHILIP BAUER & MILDRED MANI & MILES BAUER	B27-21	204.94
3	GERALD E. WELLMAN, JR.	B27L-42	0.76
4	DONALD R. MYERS, II & LISA R. MYERS	B27L-43	0.85
5	THOMAS W. & BARBARA J. SHRINER	B27L-44	0.80
6	RAY C. ELLISON AND GLADYS B. ELLISON	B27L-45	0.89
7	RANDY J. & CYNTHIA G. WEAVER	B27L-31	0.75
8	JAMES WEAVER	B27L-30	0.47
9	JOHN M. & TONIE A. WHITE	B27L-29	0.70
10	JOHN J. ECKERSBERG	B27L-28	0.67
11	ARTHUR APITZSCH & RENEE APITZSCH	B27L-27	0.66
12	DAVID PHILLIPS	B27G-56	0.50
13	JAMES WEAVER & DAVID E. SMITH	B27G-40	18.60
14	THE MALONEY FAMILY TRUST	B27G-49	11.21
15	JEREMIAH J. STEIN	B27G-41	0.48
16	GARY E. SEAVOLT	B27G-42	0.48
17	GARY L. & DIANE L. WILSON	B27G-43	0.45
18	ALFRED DISERIO	B27G-44	0.41
19	CARLENE S. MORGAN	B27G-30.1	0.65
20	FINLEY C. & NAOMI R. AMOS	B27G-29	0.32
21	WILLIAM MARK & DEBORAH K. CIPOLETTI	B27G-28	0.58
22	EUGENE & JUDY LYNN CIPOLETTI	B27G-27	0.57



<b>SURFACE HOLE LOCATION (SHL):</b>
GEOGRAPHIC (NAD83): LATITUDE: 40.253952° LONGITUDE: -80.589535°
UTM (NAD83, ZONE 17, FEET): NORTHING: 14,619,474.782 EASTING: 1,754,940.932
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,456,024.826 EASTING: 534,907.066
<b>"TURNING POINT" LOCATION (TPL):</b>
GEOGRAPHIC (NAD83): LATITUDE: 40.254784° LONGITUDE: -80.590911°
UTM (NAD83, ZONE 17, FEET): NORTHING: 14,619,775.978 EASTING: 1,754,555.656
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,456,116.631 EASTING: 534,789.634
<b>BOTTOM HOLE LOCATION (BHL):</b>
GEOGRAPHIC (NAD83): LATITUDE: 40.267769° LONGITUDE: -80.597125°
UTM (NAD83, ZONE 17, FEET): NORTHING: 14,624,496.670 EASTING: 1,752,800.430
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,457,555.500 EASTING: 534,254.640

- NOTES ON SURVEY**
- COORDINATES 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 FIELD LOCATIONS.
  - THIS PLAT DOES NOT REPRESENT A BOUNDARY SURVEY OF THE PARCELS SHOWN HEREON.
  - NO DWELLINGS AND BUILDINGS 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, RESERVOIRS OR WETLANDS WITHIN 1000 FEET OF THE LIMITS OF DISTURBANCE.
  - NO NATURALLY PRODUCING TROUT STREAM WITHIN 300 FEET OF LIMITS OF DISTURBANCE.

SURVEYED BY TRIPLE H ENTERPRISES, WEST UNION, WV.



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. 667 *Darrell R. Boice*

COMPANY: **SWN** Production Company, LLC

WVDEP OFFICE OF OIL & GAS 601 57TH STREET CHARLESTON, WV 25034	(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS	MINIMUM DEGREE OF ACCURACY: 1/200	MILDRED MANI BRK
	PROVEN SOURCE OF ELEVATION: SURVEY GRADE GPS (NAVD 88, US FT)	OPERATOR'S WELL #: 3H	API WELL #: 47 09 00160

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

WATERSHED: UPPER OHIO SOUTH ELEVATION: 1,073.0'

DISTRICT: BUFFALO COUNTY: BROOKE QUADRANGLE: STUEBENVILLE EAST WV.

SURFACE OWNER: MILDRED MANI & MILES BAUER & ERIK PHILIP BAUER ACREAGE: 75.44 +/-

OIL & GAS ROYALTY OWNER: MILDRED MANI & MILES BAUER & ERIK PHILIP BAUER ACREAGE: 393.252 +/-

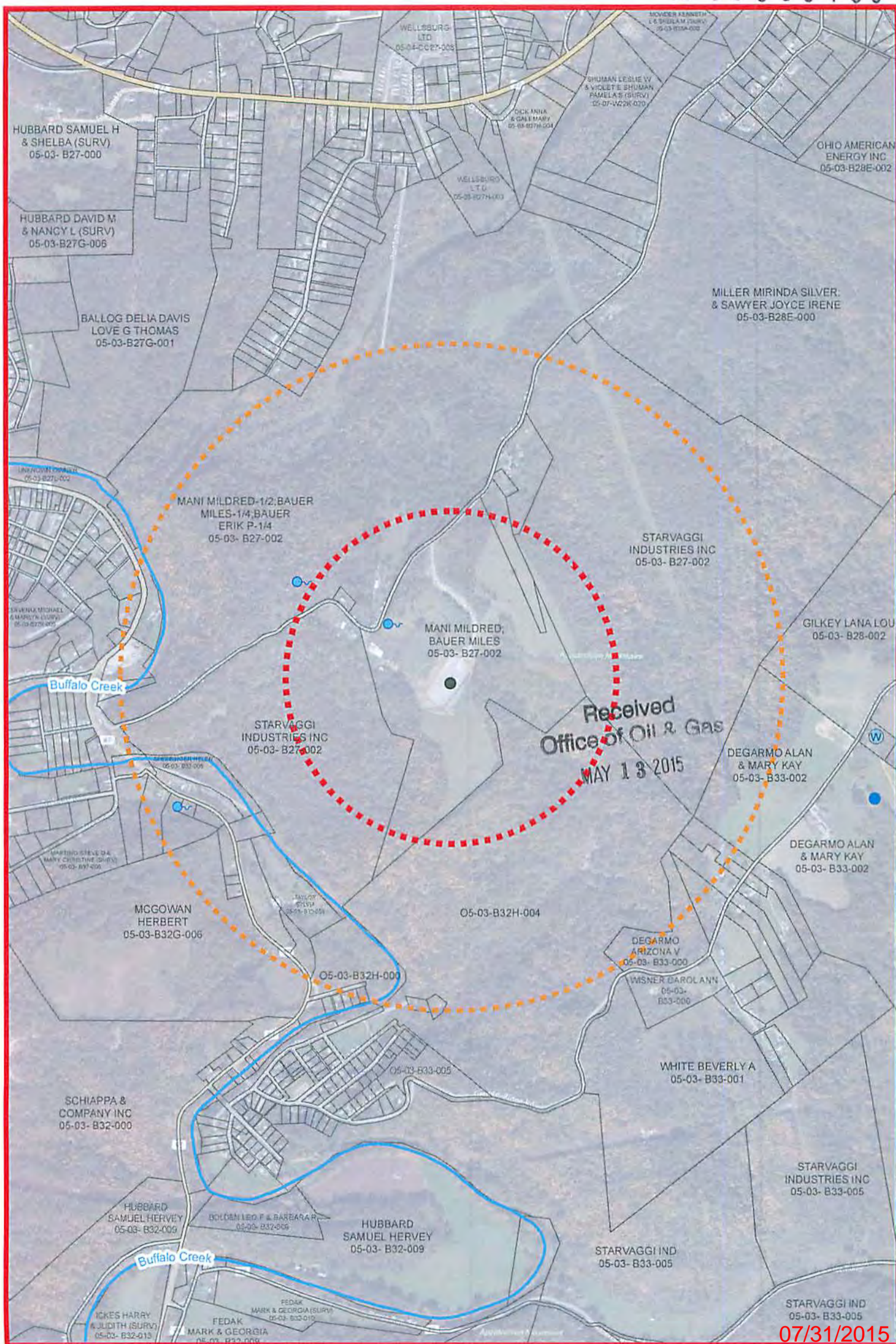
DRILL  DRILL DEEPER  REDRILL  FRACTURE OR STIMULATE  PLUG OFF OLD FORMATION  PERFORATE NEW FORMATION

CONVERT  PLUG & ABANDON  CLEAN OUT & REPLUG  OTHER CHANGE  (SPECIFY) **07/31/2015**

TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: 5,692' TVD 11,175' 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> ○ PROPOSED SURFACE HOLE / BOTTOM HOLE * EXISTING / PRODUCING WELLHEAD ⊗ ABANDONED WELL ⊕ PLUGGED & ABANDONED WELL △ CUT CONDUCTOR --- LEASE BOUNDARY --- 500' DHP BUFFER --- MAR I --- MARCELLUS DHP --- ABANDONED PATH	<b>REVISIONS:</b> DATE: 04-28-2015 DRAWN BY: K. IRVIN SCALE: 1" = 2000' DRAWING NO: 58493 WELL LOCATION PLAT
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The intent of this map is for general reference only. Information on this map was created using the best available data at the time but is not guaranteed accurate.

<h1>Water Purveyor Map</h1>		Well Pad: Mildred Mani Brk		County: Brook, WV	
		Map by: youngst      Date: 4/30/2015 Nad 83      swm UTM Z one 17		1 inch = 1,000 feet 0    375    750    1,500    2,250    3,000 Feet	
Legend: Spring (blue circle) Pond (blue circle) Radius - 1500 ft (red dashed circle) Radius - 3000 ft (orange dashed circle)		Document Path: \\swn\corporate\GIS\COO\Cadwin\Team Data\GIS\Wellpad_Visualization\Map\Map_07312015\Map_Purveyor_Map.mxd			