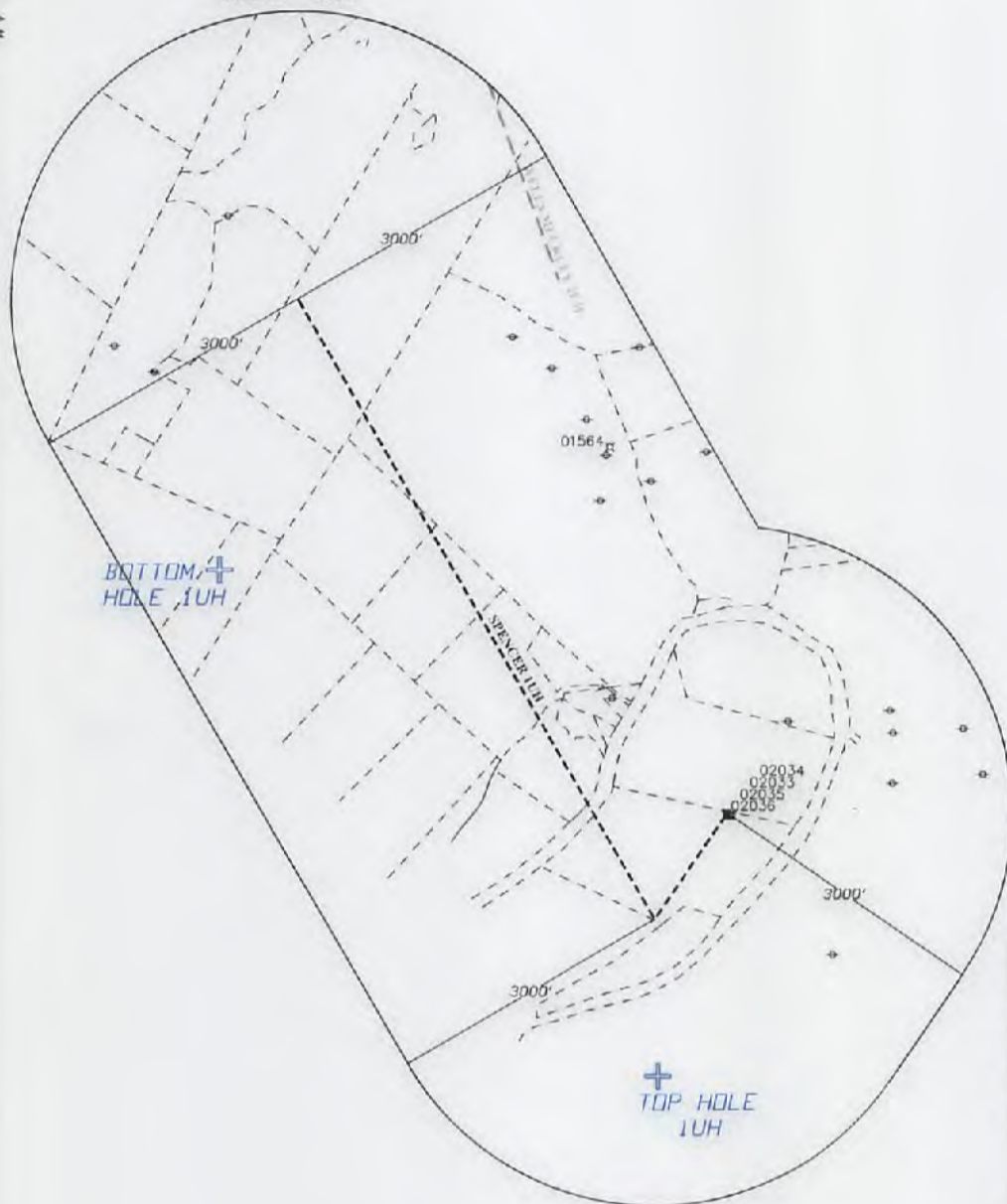


# SPENCER 1UH

9061'  
13653' TO BOTTOM HOLE  
LATITUDE 39° 32' 30"

14688'  
9392' TO BOTTOM HOLE  
LONGITUDE 80° 52' 30"

WELL DETAIL  
SCALE: 1"=2000'



LEGEND	
+	TOPO MAP POINT
⊗	EXISTING WELLS
⊖	PRE-29 WELLS
- - -	PARCEL LINES
⊙	PROPOSED WELL
⊕	WATER WELL
—	ROAD
~	STREAM

SURFACE L.O.C.	
UTM 17-NAD 83 METERS	
N:	4372419.23'
E:	507986.77'
NAD 83	
LAT:	39.50135705
LOX:	80.90710607

LANDING POINT L.O.C.	
UTM 17-NAD 83 METERS	
N:	4372075.81'
E:	507758.60'
NAD 83	
LAT:	39.49826468
LOX:	80.90976399

BOTTOM HOLE L.O.C.	
UTM 17-NAD 83 METERS	
N:	4374031.93'
E:	506585.25'
NAD 83	
LAT:	39.51590027
LOX:	80.92339117

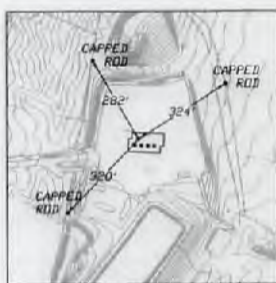
**SURVEY NOTES:**

1. THIS IS A VOLUNTARILY POOLED UNIT
2. THERE ARE NO WATER WELLS OR DEVELOPED SPRINGS WITHIN 250' OF PROPOSED WELL.
3. THERE ARE NO EXISTING BUILDINGS WITHIN 625' OF PROPOSED WELL.
4. PROPOSED WELL IS GREATER THAN 100' FROM PERENNIAL STREAM, WETLAND, POND, RESERVOIR, OR LAKE.
5. THERE ARE NO NATIVE TROUT STREAMS WITHIN 300' OF PROPOSED WELL.
6. PROPOSED WELL IS GREATER THAN 1000' FROM SURFACE-GROUNDWATER INTAKE OR PUBLIC WATER SUPPLY.
7. IT IS NOT THE INTENTION OF THIS PLAT TO REPRESENT SURVEYED LOCATIONS OF THE SURFACE OR MINERAL PARCELS DEPICTED HEREON. THE LOCATION OF THE BOUNDARY LINES, AS SHOWN, ARE BASED ON RECORD DEED DESCRIPTIONS, FIELD EVIDENCE FOUND, AND/OR TAX MAP POSITION, UNLESS OTHERWISE NOTED.
8. THIS UNIT IS CALCULATED TO BE 617,594 ACRES BASED ON A COMBINATION OF DEEDED ACREAGE AND SURVEYED PROPERTY LINES.

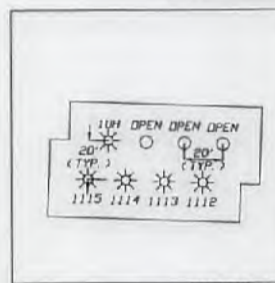


Architects • Engineers • Surveyors

11283 EMERSON AVENUE, PARKERSBURG, WV 26104  
(304) 464-5305 PICKERING USA.COM



REFERENCE/PAD DETAIL



PAD LAYOUT

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 THE RULES ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.

SIGNED: William B. Showalter PS# 2141



FILE#: 2176692  
DRAWING#: TRH-SPENCER  
SCALE: 1"=2000'  
ACCURACY: 1/2500  
ELEVATION: OPUS SOLUTION  
DATE: 2/2/2018

WELL TYPE:  OIL  WASTE DISPOSAL  PRODUCTION  DEEP OPERATOR'S WELL#: **SPENCER 1UH**  
 GAS  LIQUID INJECTION  STORAGE  SHALLOW API WELL#: 47 095 02495 H6A  
 WATERSHED: MIDDLE ISLAND CREEK STATE COUNTY PERMIT  
 COUNTY/DISTRICT: TYLER/ELLSWORTH QUADRANGLE: PADEN CI 06/01/2018  
 SURFACE OWNER: ANNE L. SPENCER ACREAGE: 52 AC  
 ROYALTY OWNERS: SEE ROYALTY OWNERS DETAIL ACREAGE: SEE ROYALTY OWNERS DETAIL



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

PAD ELEVATION 703' CLEAN OUT & REPLUG  OTHER CHANGE  (SPECIFY):  
 TARGET FORMATION POINT PLEASANT ESTIMATED DEPTH TVD, 10891' ± MD, 19565' ±

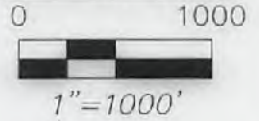
WELL OPERATOR TRIAD HUNTER, LLC DESIGNATED AGENT KIMBERLY ARNOLD  
 (SUBSIDIARY OF BLUE RIDGE MOUNTAIN RESOURCES) ADDRESS PO BOX 154  
 ADDRESS 125 PUTNAM ST. CITY WAVERYLY STATE WV ZIP CODE 26184  
 CITY MARIETTA STATE OH ZIP CODE 45750



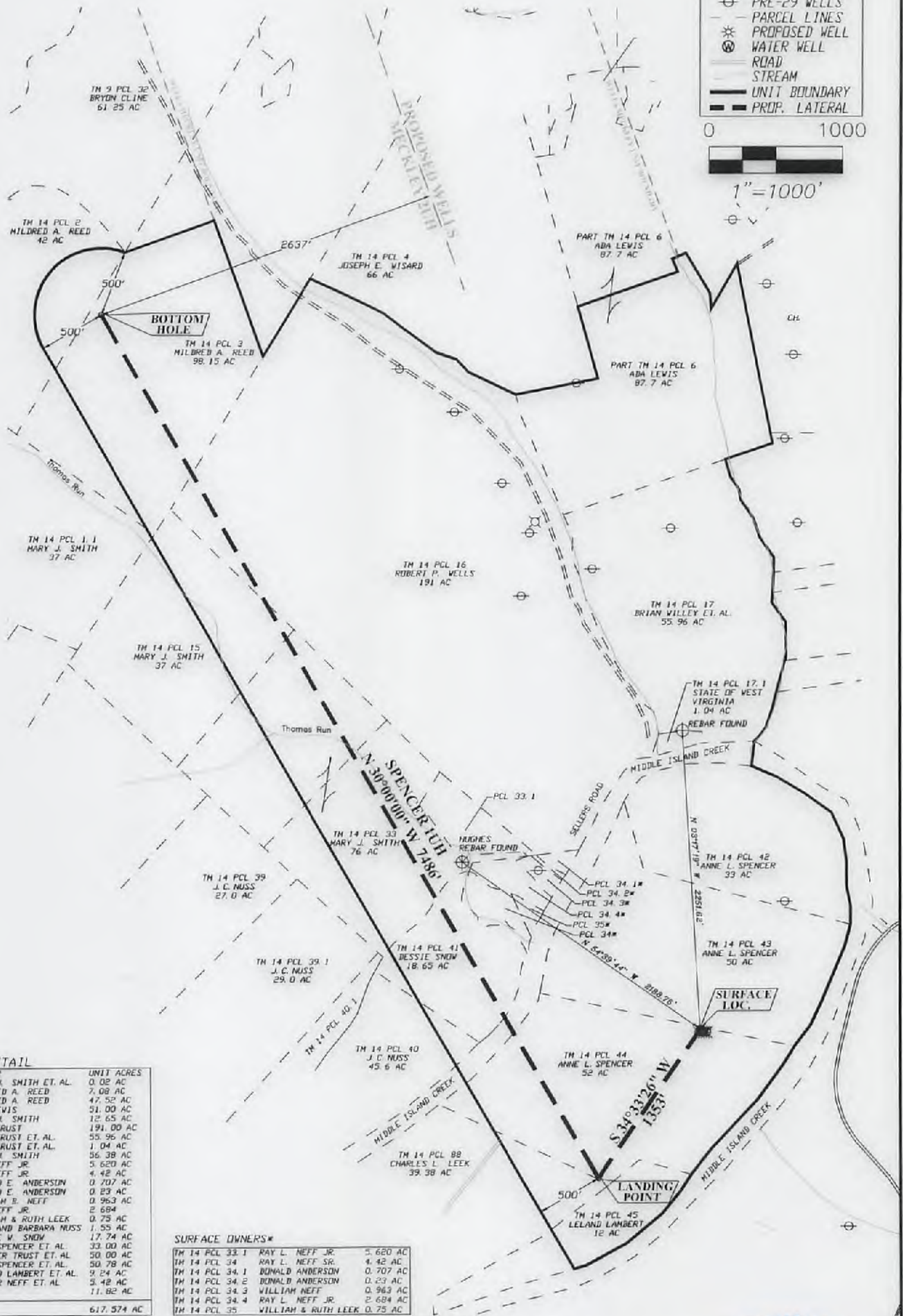
# SPENCER 1UH

**LEGEND**

- TOPOG MAP POINT
- EXISTING WELLS
- PRE-29 WELLS
- PARCEL LINES
- PROPOSED WELL
- WATER WELL
- ROAD
- STREAM
- UNIT BOUNDARY
- PROP. LATERAL



WV NORTH



**ROYALTY OWNER DETAIL**

TAX MAP - PARCEL	LESSOR	UNIT ACRES
TM 14 PCL 1.1	MARY J. SMITH ET AL.	0.02 AC
TM 14 PCL 2	MILDRED A. REED	7.08 AC
TM 14 PCL 3	MILDRED A. REED	47.52 AC
TM 14 PCL 6	ADA LEWIS	51.00 AC
TM 14 PCL 15	MARY J. SMITH	12.65 AC
TM 14 PCL 16	WARD TRUST	191.00 AC
TM 14 PCL 17	WARD TRUST ET AL.	55.96 AC
TM 14 PCL 17.1	WARD TRUST ET AL.	1.04 AC
TM 14 PCL 33	MARY J. SMITH	36.38 AC
TM 14 PCL 33.1	RAY NEFF JR.	5.620 AC
TM 14 PCL 34	RAY NEFF JR.	4.42 AC
TM 14 PCL 34.1	DONALD E. ANDERSON	0.707 AC
TM 14 PCL 34.2	DONALD E. ANDERSON	0.23 AC
TM 14 PCL 34.3	VILLIAM B. NEFF	0.963 AC
TM 14 PCL 34.4	RAY NEFF JR.	2.684 AC
TM 14 PCL 35	VILLIAM & RUTH LEEK	0.75 AC
TM 14 PCL 40	J.C. AND BARBARA NUSS	1.55 AC
TM 14 PCL 41	BESSIE V. SNOW	17.74 AC
TM 14 PCL 42	ANNE SPENCER ET AL.	33.00 AC
TM 14 PCL 43	LEWIS TRUST ET AL.	50.00 AC
TM 14 PCL 44	ANNE SPENCER ET AL.	50.78 AC
TM 14 PCL 45	LELAND LAMBERT ET AL.	9.24 AC
TM 14 PCL 88	BANA R NEFF ET AL.	5.42 AC
MIDDLE ISLAND CREEK		11.82 AC
<b>TOTAL</b>		<b>617.574 AC</b>

**SURFACE OWNERS\***

TM 14 PCL 33.1	RAY L. NEFF JR.	5.620 AC
TM 14 PCL 34	RAY L. NEFF SR.	4.42 AC
TM 14 PCL 34.1	DONALD ANDERSON	0.707 AC
TM 14 PCL 34.2	DONALD ANDERSON	0.23 AC
TM 14 PCL 34.3	VILLIAM NEFF	0.963 AC
TM 14 PCL 34.4	RAY L. NEFF JR.	2.684 AC
TM 14 PCL 35	VILLIAM & RUTH LEEK	0.75 AC

**SURVEY NOTES:**

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**PICKERING ASSOCIATES**  
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API WELL#: 47-095-02495 H6A  
STATE COUNTY PERMIT

OPERATOR'S WELL#: **SPENCER 1UH**

WELL OPERATOR TRIAD HUNTER, LLC (SUBSIDIARY OF BLUE RIDGE MOUNTAIN RESOURCES) ADDRESS 125 PUTNAM ST. MARIETTA OH 45750  
DESIGNATED AGENT KIMBERLY ARNOLD ADDRESS PO BOX 154 WAVERLY WV 26184 DATE: 2/2/2018