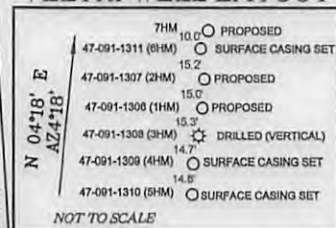


**VELTRI 4HM WELL TIES**

LINE	BEARING	DISTANCE
L1	S 58°07' W	2378.84'
L2	S 08°04' E	1514.43'
L3	N 70°33' E	443.75'
L4	S 18°03' E	636.60'

**VELTRI WELL LAYOUT**



**LEGEND**

LEASE LINE	---
SURFACE LINE	----
WELL LATERAL	-----
OFFSET LINE	-----
TIE LINE	-----
CREEK	~~~~~
ROAD	=====
FENCE LINE	-----
COUNTY ROUTE	-----
STATE ROUTE	-----
PROPOSED WELL	⊙
EXISTING WELL	⊙
PERMITTED WELL	⊙

TRACT #	SURFACE OWNER	SURFACE ACREAGE	OIL & GAS LEASE #
12-50	ANTHONY VELTRI	179.46±	00003952 00003954 00003955
15-31	THOMAS R. SHEME JR. ET AL.	61.56±	00003514
15-32	GEORGE P. STANTON III	22.29±	00007231
15-35	JEFFREY MINARD	26.51±	00003505
15-39	DANNY A. & BRENDA J. CATHELL	5.42±	00004191
15-39.2	THOMAS R. SHEME JR. ET AL.	61.56±	00004191
15-40	STATHIS ARIKOS	29.74±	00004191
15-41.1	DAVID J. & PREMA K. WILLIAMS	4.02±	00004191
15-41.2	STATHIS ARIKOS	148.86±	00004191
15-41.4	DANNY A. & BRENDA J. CATHELL	1.82±	00004191
15-56	JACK B. & BEATRICE L. MARSH	250.20±	00003835
	B & O RAILROAD	10.51±	00004191
	B & O RAILROAD	2.01±	00004191
	STATE OF W.V. (BEVERLY-FAIRMONT TURNPIKE - U.S. ROUTES 119 & 250)	23±	00006656

NAD'83 GRID NORTH

LONGITUDE (NAD'83) 80°02'30"

5,987' T.H.

13,162' B.H.

**ARSENAL RESOURCES  
VELTRI 4HM**

(S.P.C. NORTH ZONE) (UTM(M) ZONE 17 NORTH)

NAD'83 S.P.C.(FT) N. 282,847.0 E. 1,811,115.1  
 NAD'83 GEO. LAT-(N) 39.275230 LONG-(W) 80.055955  
 NAD'83 UTM (M) N. 4,347,744.6 E. 581,429.6

**LANDING POINT**

NAD'83 S.P.C.(FT) N. 282,389.5 E. 1,811,730.7  
 NAD'83 GEO. LAT-(N) 39.273984 LONG-(W) 80.053771  
 NAD'83 UTM (M) N. 4,347,608.3 E. 581,619.5

**BOTTOM HOLE**

NAD'83 S.P.C.(FT) N. 275,654.4 E. 1,813,925.1  
 NAD'83 GEO. LAT-(N) 39.255530 LONG-(W) 80.045875  
 NAD'83 UTM (M) N. 4,345,567.4 E. 582,322.1

TRACT #	SURFACE OWNER	ACREAGE
15-30	THOMAS R. SHEME JR., & JAYPRADHA WHITE	148.37±
15-32	GEORGE P. STANTON III	22.29±
15-32.2	JAMES E. FITZWATER	2.59±
15-32.3	JAMES E. FITZWATER	0.24±
15-35	JEFFREY MINARD	26.51±
15-36	JAMES D. MCVICKER	54.83±
15-41	ELDON L. FINDLEY	1.41±
15-41.5	DANNY A. & BRENDA J. CATHELL & SURV	0.38±
16-31	CARRIAGEVIEW ENERGY LLC	100.00±

**NOTES ON SURVEY**

1. NO WATER WELLS WERE FOUND WITHIN 250' OF PROPOSED GAS WELL. NO AGRICULTURAL BUILDINGS ≥ 2500 SQ. FT. OR DWELLINGS WERE FOUND WITHIN 625' OF THE CENTER OF PROPOSED WELL PAD.



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.

DATE MAY 25, 20 17

REVISED \_\_\_\_\_, 20 \_\_\_\_\_

OPERATORS WELL NO. VELTRI 4HM

API WELL NO. 47 - 091 - 01340 M

STATE            COUNTY            PERMIT           

**Land & Energy Development**

Solutions from the ground up.  
 P.O. Box 150 • 12 Vanhorn Drive • Glenville, WV 26351 • (304) 462-5634  
 www.slsurveys.com

I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAN IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DIVISION OF ENVIRONMENTAL PROTECTION.

P.S. 677

MINIMUM DEGREE OF ACCURACY 1 / 2500 FILE NO. 8602P4HMR2.dwg  
 HORIZONTAL & VERTICAL CONTROL DETERMINED BY DGPS (SURVEY GRADE TIE TO CORS NETWORK) SCALE 1" = 2000'

STATE OF WEST VIRGINIA  
 DIVISION OF ENVIRONMENTAL PROTECTION  
 OFFICE OF OIL AND GAS



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

LOCATION: ELEVATION 1473.12' - AS BUILT WATERSHED LONG RUN

DISTRICT COURTHOUSE COUNTY TAYLOR QUADRANGLE GRAFTON 7.5'

SURFACE OWNER ANTHONY J. VELTRI ACREAGE 179.46±

ROYALTY OWNER ANTHONY J. VELTRI ET AL ACREAGE 179.46±

PROPOSED WORK: DRILL  CONVERT  DRILL DEEPER  REDRILL  FRACTURE OR STIMULATE  PLUG OFF OLD FORMATION  PERFORATE NEW FORMATION  PLUG AND ABANDON  CLEAN OUT AND REPLUG  OTHER

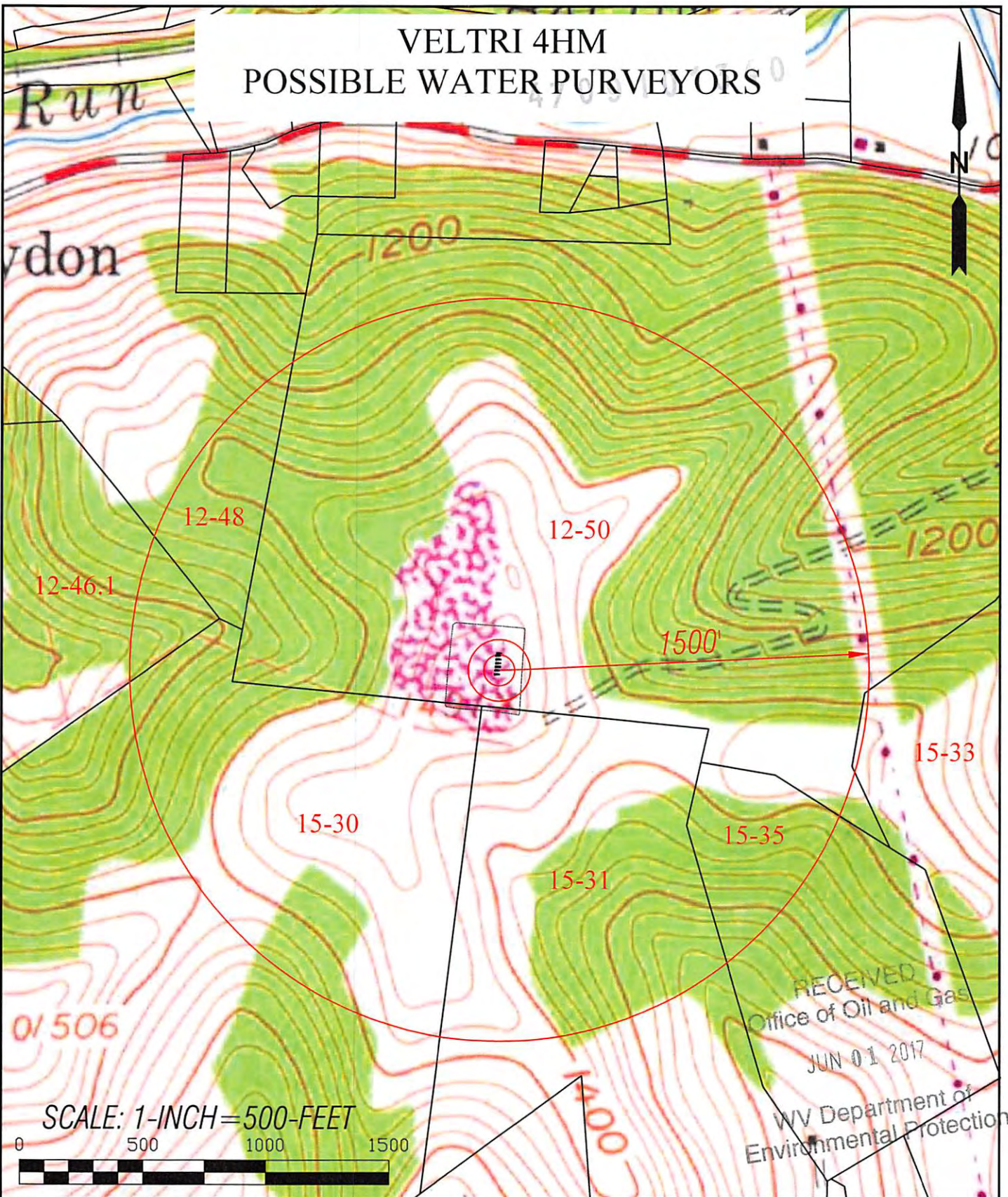
PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_ TARGET FORMATION MARCELLUS  
 ESTIMATED DEPTH 15,459' TMD / 7,954' TVD


WELL OPERATOR ARSENAL RESOURCES DESIGNATED AGENT WILLIAM VEIGEL  
 ADDRESS 6031 WALLACE RD. EXT. SUITE 300 ADDRESS 65 PROFESSIONAL PLACE  
WEXFORD, PA 15090 BRIDGEPORT, WV 26330

COUNTY NAME

PERMIT

# VELTRI 4HM POSSIBLE WATER PURVEYORS



				TOPO SECTIONS OF:		OPERATOR:
				GRAFTON WV 7.5' QUAD		
DRAWN BY:	FILE NO.:	DATE:	CADD FILE:	COUNTY	DISTRICT	65 Professional Place. Suite 200
K.G.M.	8602	05-22-17	@SINATOPURVEYOR.DWG	TAYLOR	COURTHOUSE	Bridgeport, WV 26330

10/06/2017