

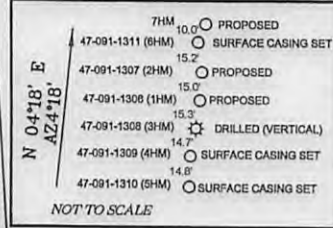
703' B.H. | 4,041' T.H. | LATITUDE(NAD'83) 39°17'30" T.H.

LONGITUDE (NAD'83) 80°02'30" | 5,927' T.H.

VELTRI 6HM WELL TIES

LINE	BEARING	DISTANCE
L1	S 56°57' W	2414.38'
L2	S 07°37' E	1573.24'
L3	N 72°34' E	1753.53'
L4	S 18°00' E	636.57'

VELTRI WELL LAYOUT

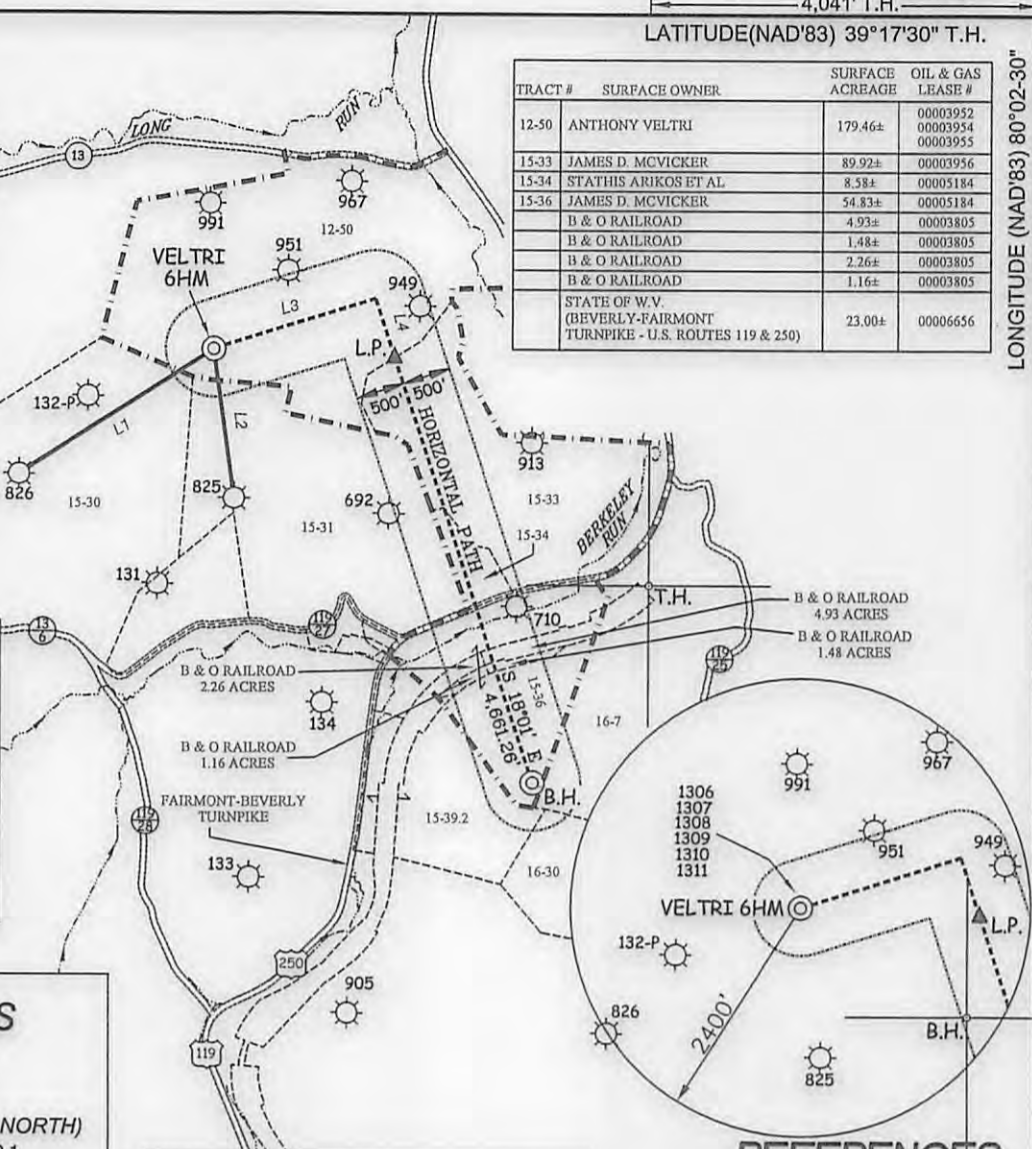


LEGEND

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
15-33	JAMES D. MCVICKER	89.92±	00003956
15-34	STATHIS ARIKOS ET AL	8.58±	00005184
15-36	JAMES D. MCVICKER	54.83±	00005184
	B & O RAILROAD	4.93±	00003805
	B & O RAILROAD	1.48±	00003805
	B & O RAILROAD	2.26±	00003805
	B & O RAILROAD	1.16±	00003805
	STATE OF W.V. (BEVERLY-FAIRMONT TURNPIKE - U.S. ROUTES 119 & 250)	23.00±	00006656

NAD'83 GRID NORTH

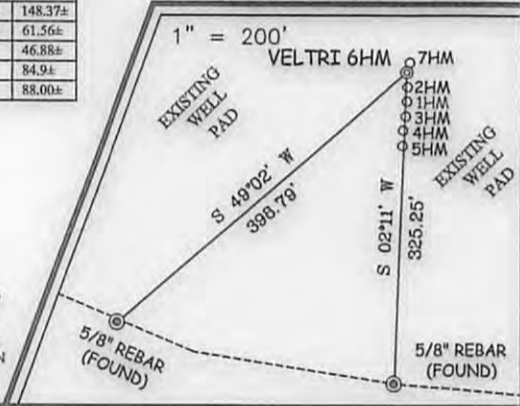


**ARSENAL RESOURCES
VELTRI 6HM**

(S.P.C. NORTH ZONE) (UTM(M) ZONE 17 NORTH)
 NAD'83 S.P.C.(FT) N. 282,906.9 E. 1,811,119.1
 NAD'83 GEO. LAT-(N) 39.275395 LONG-(W) 80.055943
 NAD'83 UTM (M) N. 4,347,762.8 E. 581,430.5
LANDING POINT
 NAD'83 S.P.C.(FT) N. 282,826.8 E. 1,812,988.8
 NAD'83 GEO. LAT-(N) 39.275206 LONG-(W) 80.049336
 NAD'83 UTM (M) N. 4,347,747.9 E. 582,000.6
BOTTOM HOLE
 NAD'83 S.P.C.(FT) N. 278,394.0 E. 1,814,430.2
 NAD'83 GEO. LAT-(N) 39.263060 LONG-(W) 80.044150
 NAD'83 UTM (M) N. 4,346,404.6 E. 582,462.2

TRACT #	SURFACE OWNER	ACREAGE
15-30	THOMAS R. SMEME JR., & JAYPRADHA WHITE	148.37±
15-31	THOMAS R. SMEME JR., & JAYPRADHA WHITE	61.56±
15-39.2	STATHIS ARIKOS	46.88±
16-7	WARREN & BEVERLY HESS & SURV	84.9±
16-30	JAMES D. MCVICKER	88.00±

REFERENCES



NOTES ON SURVEY

- 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.

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



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.
 DATE MAY 23, 20 17
 REVISED _____, 20 _____
 OPERATORS WELL NO. VELTRI 6HM
 API WELL NO. 47-091-01342/46A
 STATE WV COUNTY GRAFTON PERMIT 10/06/2017

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 REGULATIONS ISSUED AND PRESCRIBED BY THE DIVISION OF ENVIRONMENTAL PROTECTION.

P.S. Gregory A. Smith
 677

MINIMUM DEGREE OF ACCURACY 1 / 2500 FILE NO. 8602P6HMR.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 X LIQUID INJECTION _____ WASTE DISPOSAL _____ IF "GAS" PRODUCTION X STORAGE _____ DEEP _____ SHALLOW X

LOCATION: ELEVATION 1473.24' - 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±

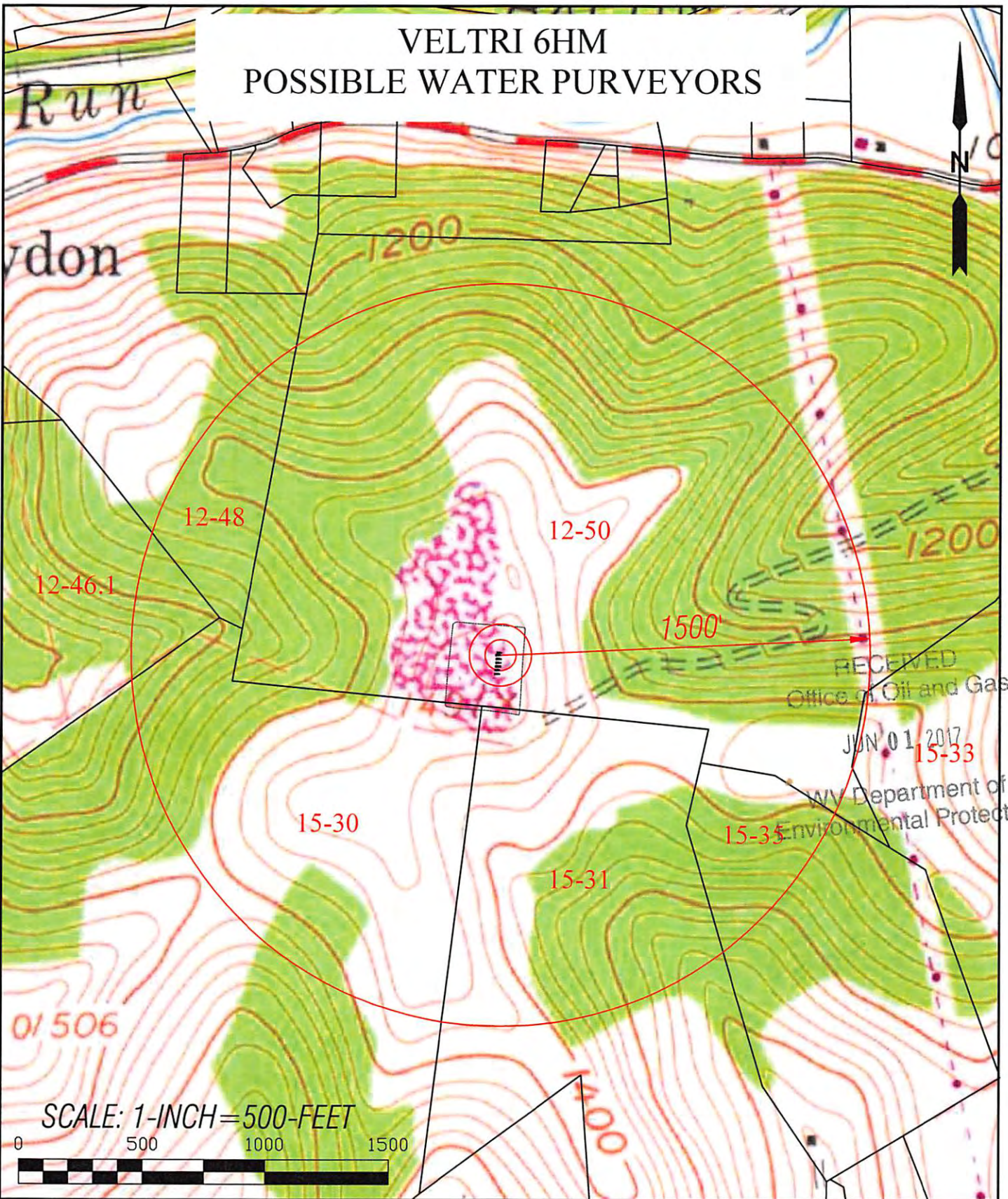
PROPOSED WORK: DRILL X CONVERT _____ DRILL DEEPER _____ REDRILL _____ FRACTURE OR STIMULATE X PLUG OFF OLD FORMATION _____ PERFORATE NEW FORMATION _____ PLUG AND ABANDON _____ CLEAN OUT AND REPLUG _____ OTHER _____

PHYSICAL CHANGE IN WELL (SPECIFY) _____ TARGET FORMATION MARCELLUS
 ESTIMATED DEPTH 13,328' 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 6HM POSSIBLE WATER PURVEYORS



RECEIVED
Office of Oil and Gas
JUN 01 2017
15-33
WV Department of
Environmental Protection

SCALE: 1-INCH = 500-FEET



				TOPO SECTIONS OF:		OPERATOR:
				GRAFTON WV 7.5' QUAD		
DRAWN BY	FILE NO.	DATE	CADD FILE:	COUNTY	DISTRICT	65 Professional Place. Suite 200 Bridgeport, WV 26330
K.G.M.	8602	05-22-17	BR15RATOPURVEYOR.DWG	TAYLOR	COURTHOUSE	

10/06/2017