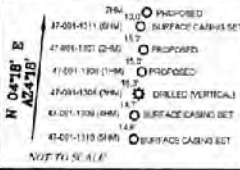


VELTRI 4HM WELL TIES

LINE	BEARING	DISTANCE
L1	S 55°07' W	237.84F
L2	S 05°04' E	1514.43F
L3	N 40°23' E	812.34'
L4	S 19°03' E	636.62'

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	○

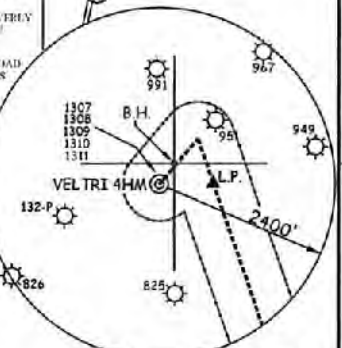
TRACT #	SURFACE OWNER	SURFACE ACREAGE	VELTRI GAS LEASE
15-50	ANTHONY VELTRI	171.46±	00003954
15-32	GEORGE F. STANTON III	22.29±	00007231
15-31	JEFFREY MINARD	26.51±	00007508
15-32	JAMES E. FITZWATER	2.59±	00007509
15-41	ALBERT CUREY MATFIELD	1.41±	00009110
15-41	DANSSY & BRINDA CATHELL & SURV	0.30±	00009110

NAD'83 GRID NORTH

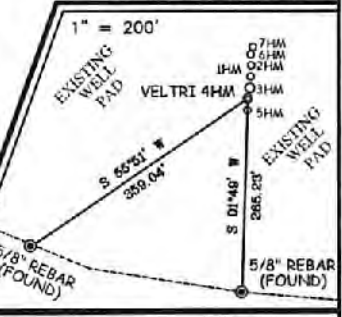
**ARSENAL RESOURCES
VELTRI 4HM**

(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) 39.275290 LONG-(W) 80.055955
 NAD'83 UTM (M) N. 4,347,744.6 E. 581,426.6
LANDING POINT
 NAD'83 S.P.C.(FT) N. 282,864.0 E. 1,811,849.2
 NAD'83 GEO. LAT-(N) 39.275289 LONG-(W) 80.053363
 NAD'83 UTM (M) N. 4,347,753.5 E. 581,653.2
BOTTOM HOLE
 NAD'83 S.P.C.(FT) N. 270,817.0 E. 1,812,900.9
 NAD'83 GEO. LAT-(N) 39.266044 LONG-(W) 80.049582
 NAD'83 UTM (M) N. 4,346,830.7 E. 581,986.0

TRACT #	SURFACE OWNER	ACREAGE
15-50	THOMAS R. SHOME JR. & LAVPRADIA WHITE	148.73±
15-32	GEORGE P. STANTON III	22.29±
15-32	JAMES E. FITZWATER	0.24±
15-35	REBEKAH MINARD	26.51±
15-35	JAMES D. MCVICHER	14.83±
15-31	CARRIEGOVIEW ENERGY LLC	100.00±
15-39	DANSSY A. & BRINDA J. CATHELL	5.42±
15-39	THOMAS R. SHOME JR. ET AL	61.76±
15-39	STATHIS ARIOS	4.05±
15-41	DAVID J. & PREMA K. WILLIAMS	29.74±
15-41	STATHIS ARIOS	1.18±
15-41	DANSSY A. & BRINDA J. CATHELL	1.32±
15-50	JACQ. B. MARSHIDES	2.99±
15-41	THOMAS R. SHOME JR. ET AL	61.55±



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
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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.



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.
 DATE MAY 25 , 20 17
 REVISED JUNE 26 , 20 19
 OPERATORS WELL NO. VELTRI 4HM
 API WELL NO. 47 - 091 - 01309
 STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 2500 FILE NO. 8602P4HMR3.dwg
 HORIZONTAL & VERTICAL CONTROL DETERMINED BY DGPS (SURVEY GRADE TIE TO CORN NETWORK) SCALE 1" = 2000'

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

WELL TYPE: OIL GAS LIQUID WASTE IF INJECTION DISPOSAL "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 11,649.4' TMD / 7,954' TVD

WELL OPERATOR ARSENAL RESOURCES DESIGNATED AGENT WILLIAM VEIGEL
 ADDRESS 8031 WALLACE RD. EXT. SUITE 300 ADDRESS 65 PROFESSIONAL PLACE
WEXFORD, PA 15090 BRIDGEPORT, WV 26330

RECEIVED
 Office of Oil and Gas
 JUL 11 2019
 WV Department of
 Environmental Protection

AOR-Attachment "A"