

ARSENAL RESOURCES GAMELLI HSOG 201

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

NAD'83 S.P.C.(FT) N. 278,083.4 E. 1,769,076.9
NAD'83 GEO. LAT-(N) 39.261342 LONG-(W) 80.204316
NAD'83 UTM (M) N. 4,345,080.3 E. 568,645.9

LANDING POINT

NAD'83 S.P.C.(FT) N. 276,688.1 E. 1,767,164.3
NAD'83 GEO. LAT-(N) 39.257470 LONG-(W) 80.211032
NAD'83 UTM (M) N. 4,345,645.5 E. 568,070.3

BOTTOM HOLE

NAD'83 S.P.C.(FT) N. 269,542.5 E. 1,769,627.7
NAD'83 GEO. LAT-(N) 39.237905 LONG-(W) 80.202135
NAD'83 UTM (M) N. 4,343,481.0 E. 568,857.0

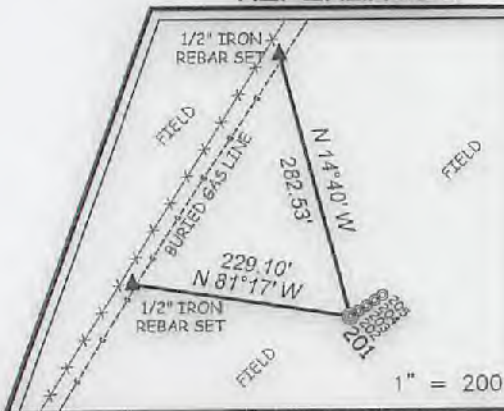
GAMELLI HSOG 201 WELL TIES

LINE	BEARING	DISTANCE
L1	S 89°29' E	2263.67'
L2	S 18°01' E	636.69'
L3	S 29°25' E	2549.08'
L4	S 18°01' E	7046.33'
L5	S 19°01' E	4837.31'
L6	S 23°20' E	209.99'
L7	S 14°09' E	149.11'
L8	S 19°01' E	1327.11'

CURVE	ARC LENGTH	RADIUS	CHORD BEARING	CHORD LENGTH
C1	1000.19'	2236.66'	S 18°52' E	991.87'

TAG	SURFACE OWNER	TAX MAP / PCL	ACREAGE	LEASE ACREAGE
A	JAMES T. GAMELLI ET AL.	330-28	151.20±	149.44±
B	DEPOLO FAMILY TRUST	330-8-5	33.50±	33.50±
C	SCOT S. DIERINGER ET AL.	330-26	172.93±	167±
D	BRUCE, MICHAEL & JASON OSBORN	350-6	86±	86±
E	SCOT S. & LYNN B. DIERINGER	350-7-1	57.45±	77.5±
F	R. MARK & DIANA L. HACKETT	150-18	127.84±	136±
G	LEWIS FRANKLIN & PAMELA MULLEN	350-27	30.05±	35.50±

REFERENCES



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.
DATE APRIL 9, 20 18

REVISED _____ OPERATORS WELL NO. GAMELLI HSOG 201

API WELL NO. 47 - 033 - 05922 HeA
STATE COUNTY PERMIT

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



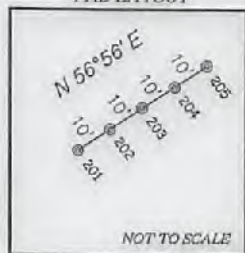
NAD'83 GRID NORTH

T.H. LONGITUDE 80°10'00" B.H. LONGITUDE 80°10'00" T.H. LONGITUDE 80°10'00" B.H. LONGITUDE 80°10'00" 11,045' T.H. 4,405' B.H.

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.

GAMELLI HSOG PAD LAYOUT



LEGEND

LEASE LINE	---
INTERIOR LEASE LINE	---
SURFACE LINE	---
WELL LATERAL	---
OFFSET LINE	---
TIE LINE	---
CREEK	---
ROAD	---
COUNTY ROUTE	---
STATE ROUTE	---
PROPOSED WELL	⊙
EXISTING WELL	⊙
PERMITTED WELL	⊙
LEASE TAG	⊙



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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.

P.S. 677 Gregory A. Smith

MINIMUM DEGREE OF ACCURACY 1 / 2500 FILE NO. 8597P201R2_recover.dwg
HORIZONTAL & VERTICAL CONTROL DETERMINED BY DGPS (SURVEY GRADE TIE TO CORS NETWORK) SCALE 1" = 2000'

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

LOCATION: ELEVATION EXISTING: 1,132.10' / PROPOSED: 1,141.00' WATERSHED BEARDS RUN
DISTRICT SIMPSON COUNTY HARRISON QUADRANGLE ROSEMONT 7.5'

SURFACE OWNER JAMES T. GAMELLI ET AL. ACREAGE 151.20±
ROYALTY OWNER JAMES T. GAMELLI ET AL. ACREAGE 151.20±

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 15,824.2' TMD / 7,317' TVD

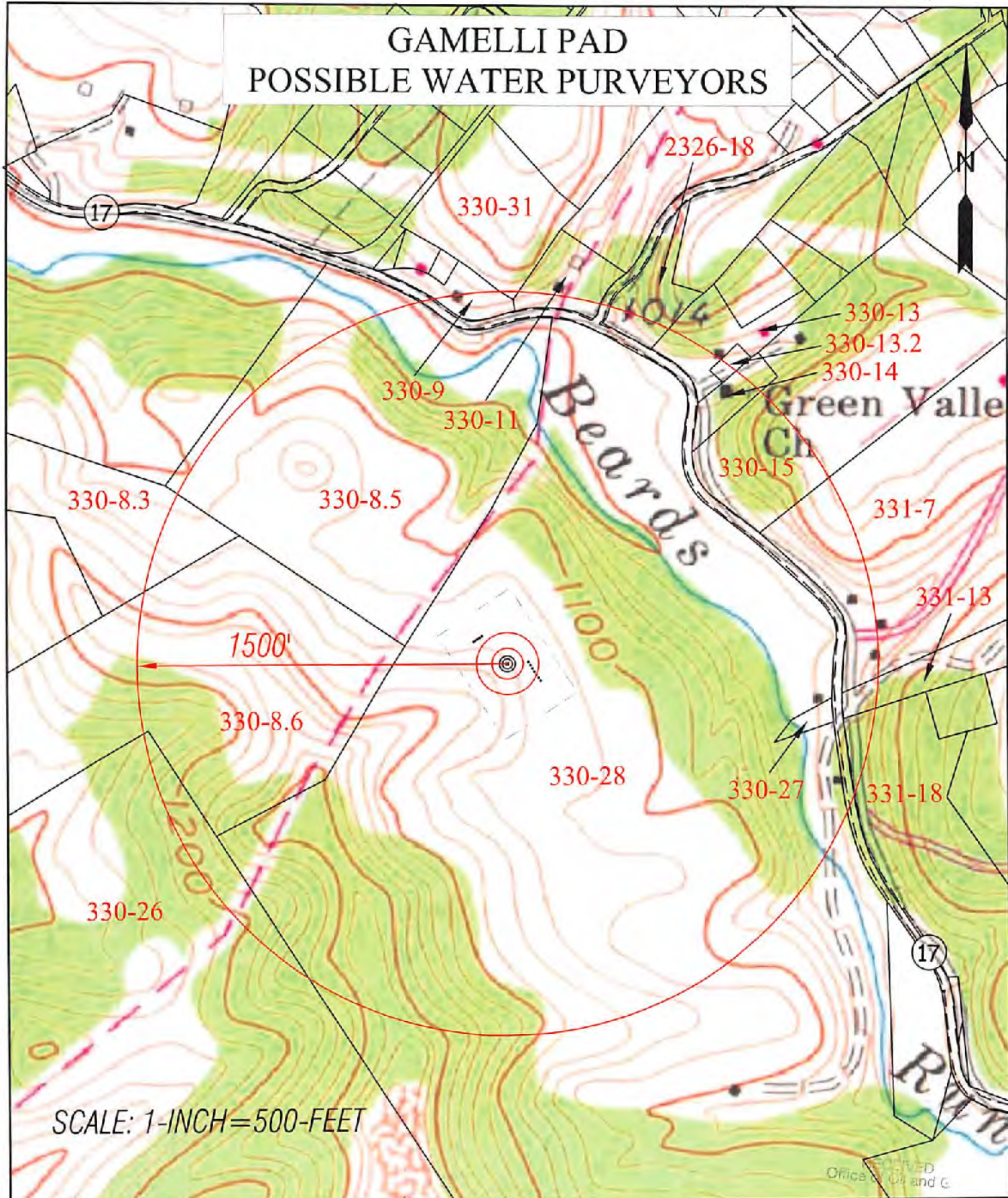
WELL OPERATOR ARSENAL RESOURCES DESIGNATED AGENT WILLIAM VEIGEL
ADDRESS 6031 WALLACE RD. EXT. SUITE 300 ADDRESS 65 PROFESSIONAL PLACE
WEXFORD, PA 15090 BRIDGEPORT, WV 26330

06/22/2018

COUNTY NAME PERMIT

47 033 05922

GAMELLI PAD POSSIBLE WATER PURVEYORS



SCALE: 1-INCH=500-FEET



TOPO SECTIONS OF:
ROSEMONT WV 7.5' QUAD

COUNTY	DISTRICT
HARRISON	SIMPSON-OUTSIDE

OPERATOR:
ARSENAL RESOURCES
65 Professional Place, Suite 200
Bridgeport, WV 26330

APR 11 2018

DRAWN BY K.G.M.	FILE NO. 8597	DATE 10-05-17	CADD FILE: WV75QUAD.PDF
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06/22/2018