

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. 4,346,080.3 E. 568,645.9

LANDING POINT

NAD'83 S.P.C.(FT) N. 276,879.2 E. 1,767,472.6
 NAD'83 GEO. LAT-(N) 39.258001 LONG-(W) 80.204316
 NAD'83 UTM (M) N. 4,345,705.3 E. 568,163.3

BOTTOM HOLE

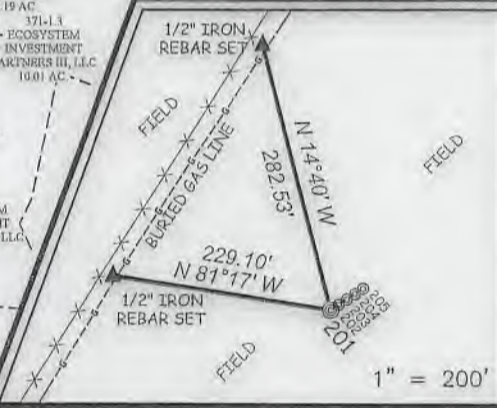
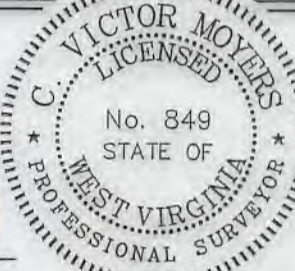
NAD'83 S.P.C.(FT) N. 263,531.4 E. 1,772,067.8
 NAD'83 GEO. LAT-(N) 39.221454 LONG-(W) 80.193357
 NAD'83 UTM (M) N. 4,341,661.9 E. 569,630.9

GAMELLI HSOG 201 WELL TIES

LINE	BEARING	DISTANCE
L1	S 71°41' W	1909.07'
L2	S 19°00' E	638.91'
L3	S 29°26' E	2549.08'
L4	S 18°01' E	7045.33'

TAG	SURFACE OWNER	TAX MAP/PARCEL	ACREAGE
A	JAMES T. GAMELLI ET AL.	330-28	151.20±
B	DEPOLO FAMILY TRUST	330-8-6	33.50±
C	SCOT S. DIERINGER ET AL.	330-26	172.93±
D	BRUCE, MICHAEL & JASON OSBORN	350-6	86±
E	SCOT S. & LYNN B. DIERINGER	350-7-1	57.45±
F	R. MARK & DIANA L. HACKETT	350-18	127.84±
G	LEWIS FRANKLIN & PAMELA MULLEN	350-27	30.05±
H	JASON A. THOMPSON ET AL.	350-30	4.00±
I	ECOSYSTEM INVESTMENT PARTNERS III, LLC	370-14	49.90±
J	ECOSYSTEM INVESTMENT PARTNERS III, LLC	350-31	1.25±
K	ECOSYSTEM INVESTMENT PARTNERS III, LLC	351-25.1	27.30±
L	ECOSYSTEM INVESTMENT PARTNERS III, LLC	351-25.4	1.03±
M	ECOSYSTEM INVESTMENT PARTNERS III, LLC	371-1	94.91±
N	ECOSYSTEM INVESTMENT PARTNERS III, LLC	371-7	162.57±

REFERENCES

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. 849 *C. Victor Moyers*

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.
 DATE APRIL 9, 20 18
 REVISED OCTOBER 9, 2018
 OPERATORS WELL NO. GAMELLI HSOG 201
 API WELL NO. 47 - 033 - 05922 MOD
 STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 2500 FILE NO. 8597P201R4.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 WASTE IF "GAS" PRODUCTION STORAGE ___ DEEP ___ SHALLOW

LOCATION: ELEVATION EXISTING: 1,132.00' / PROPOSED: 1,140.50' 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 22,198.1' TMD / 7,317' TVD

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

COUNTY NAME PERMIT