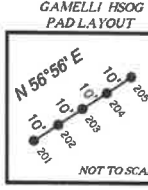


**NOTES ON SURVEY**

- 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. PLAY UPDATED TO SHOW AS-DILLED PATH.
- SCOTT S. & LYNN B. DIERINGER 172.99 AC.±
- 31223



**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



**GAMELLI HSOG 203 WELL TIES**

LINE	BEARING	DISTANCE
L1	S 86°33' E	1,365.97'
L2	S 28°58' E	2,950.44'
L3	S 01°10' W	2,300.27'
L4	S 10°00' E	638.75'

**ARSENAL RESOURCES  
GAMELLI HSOG 203  
AS-DRILLED**

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

NAD'83 S.P.C.(FT) N. 278,094.3 E. 1,769,093.7  
 NAD'83 GEO. LAT-(N) 39.261972 LONG-(W) 80.204257  
 NAD'83 UTM (M) N. 4,346,083.7 E. 568,651.0

**LANDING POINT**

NAD'83 S.P.C.(FT) N. 277,603.4 E. 1,769,051.5  
 NAD'83 GEO. LAT-(N) 39.260024 LONG-(W) 80.204392  
 NAD'83 UTM (M) N. 4,345,933.9 E. 568,640.6

**BOTTOM HOLE**

NAD'83 S.P.C.(FT) N. 263,933.5 E. 1,773,733.7  
 NAD'83 GEO. LAT-(N) 39.222593 LONG-(W) 80.187488  
 NAD'83 UTM (M) N. 4,341,792.9 E. 570,136.4

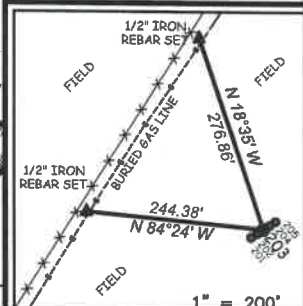
TAG	SURFACE OWNER	TAX MAP/ P.C.	ACREAGE
A	JAMES T. GAMELLI ET AL.	330-28	151.29±
B	SCOTT S. & LYNN B. DIERINGER	350-71	57.45±
C	SARAH L. SPURLOCK	350-7	97.19±
D	CAROLYN S. CLEGHORN	351-42	85.80±
E	RONALD & JODY CRIM	351-15	109.37±
F	JODY A. CRIM	351-157	4.10±
G	JODY A. CRIM	351-151	3.39±
H	DEBORAH J. CRIM	351-253	1±
I	DELLA R. RIFFLE	351-25	2.87±
J	ECOSYSTEM INVESTMENT PARTNERS III, LLC	351-252	31.98±
K	ECOSYSTEM INVESTMENT PARTNERS III, LLC	351-26	11.60±
L	ROGER P. II & MELISSA L. SUTTER	351-261	13.18±
M	ROGER P. II & MELISSA L. SUTTER	351-271	19.87±
N	ROGER P. II & MELISSA L. SUTTER	351-281	18.66±
O	ROGER P. II & MELISSA L. SUTTER	351-29	54.00±
P	ROGER P. II & MELISSA L. SUTTER	371-11	12.19±
Q	ECOSYSTEM INVESTMENT PARTNERS III, LLC	371-13	10.01±
R	ECOSYSTEM INVESTMENT PARTNERS III, LLC	371-8	71.55±
S	ECOSYSTEM INVESTMENT PARTNERS III, LLC	371-9	105.48±

**LEGEND**

AS DRILLED ———

PROPOSED ———

**REFERENCES**

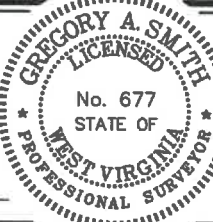


**SLS**  
FROM THE BEGINNING

12 Vanhorn Drive | P.O. Box 150 | Glenville, WV 26031 | 304.462.5634  
 1412 Kanawha Boulevard, East | Charleston, WV 25301 | 304.346.3952  
 254 East Beckley Bypass | Beckley, WV 25801 | 304.255.5296  
 sls.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.  
849 *Gregory A. Smith*



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.  
 DATE SEPTEMBER 17, 20 21

REVISED \_\_\_\_\_

OPERATORS WELL NO. GAMELLI HSOG 203

API WELL NO. 47 - 033 - 5933

STATE            COUNTY            PERMIT           

MINIMUM DEGREE OF ACCURACY 1 / 2500 FILE NO. 8597P203AD.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 EXISTING: 1,130.50' / 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 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 HUNTERSVILLE CHERT (PILOT HOLE)

ESTIMATED DEPTH 22,333.4' TMD / 7,317' TVD (LATERAL) / 7,427' TVD (PILOT HOLE)

WELL OPERATOR ARSENAL RESOURCES DESIGNATED AGENT GARY SHORT

ADDRESS 6031 WALLACE RD. EXT. SUITE 300 ADDRESS 633 WEST MAIN ST.

WEXFORD, PA 15090 BRIDGEPORT, WV 26330

T.H. LONGITUDE 80°10'00" B.H. LONGITUDE 80°10'00" 11,034' T.H. A.D. 9,983' B.H. A.D.

12/31/2021

### ARSENAL RESOURCES GAMELLI HSOG 203 AS-DRILLED

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

NAD'83 S.P.C.(FT) N 278,094.3 E 1,769,093.7

NAD'83 GEO. LAT.(-N) 39.261372 LONG.(-W) 80.204257

NAD'83 UTM (M) N 4,346,083.7 E 568,651.0

#### LANDING POINT

NAD'83 S.P.C.(FT) N 277,603.4 E 1,769,051.5

NAD'83 GEO. LAT.(-N) 39.260024 LONG.(-W) 80.204392

NAD'83 UTM (M) N 4,345,933.9 E 568,640.6

#### BOTTOM HOLE

NAD'83 S.P.C.(FT) N 263,933.5 E 1,773,733.7

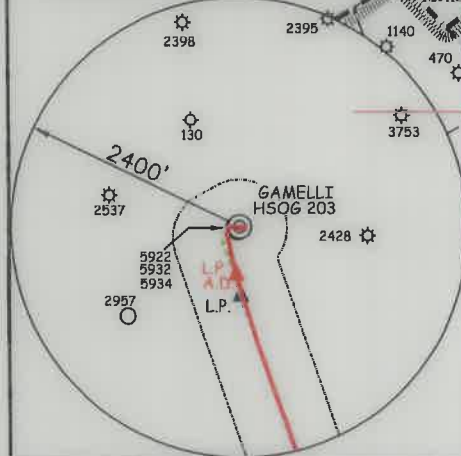
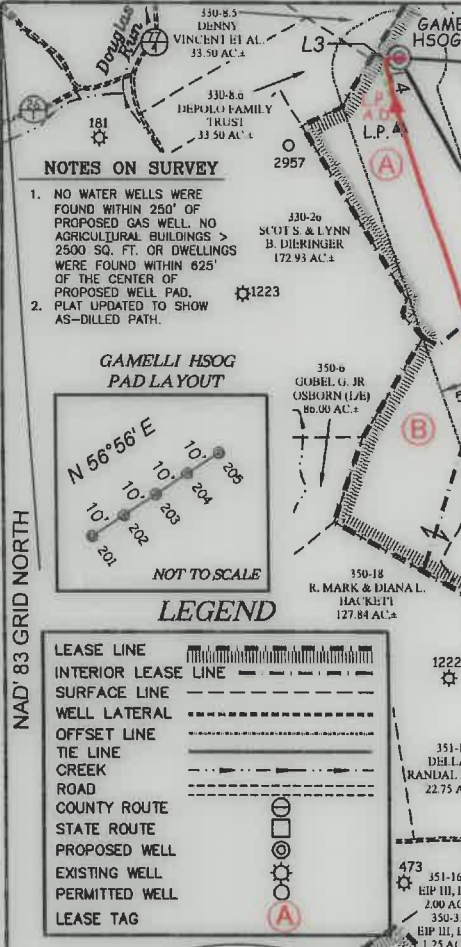
NAD'83 GEO. LAT.(-N) 39.222593 LONG.(-W) 80.187488

NAD'83 UTM (M) N 4,341,792.9 E 570,136.4

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C	SARAH L. SPURLOCK	350-7	97.19±
D	CAROLYN S. CLEGHORN	351-4.2	85.80±
E	RONALD & JODY CRIM	351-15	100.37±
F	JODY A. CRIM	351-15.7	4.10±
G	JODY A. CRIM	351-15.1	3.39±
H	DEBORAH J. CRIM	351-25.3	1±
I	DELLA R. RIFFLE	351-25	2.82±
J	ECOSYSTEM INVESTMENT PARTNERS III, LLC	351-25.2	31.98±
K	ECOSYSTEM INVESTMENT PARTNERS III, LLC	351-26	11.60±
L	ROGER P. II & MELISSA L. SUTTER	351-26.1	13.18±
M	ROGER P. II & MELISSA L. SUTTER	351-27.1	19.87±
N	ROGER P. II & MELISSA L. SUTTER	351-28.1	18.46±
O	ROGER P. II & MELISSA L. SUTTER	351-29	54.00±
P	ROGER P. II & MELISSA L. SUTTER	371-1.1	12.19±
Q	ECOSYSTEM INVESTMENT PARTNERS III, LLC	371-1.3	10.01±
R	ECOSYSTEM INVESTMENT PARTNERS III, LLC	371-8	71.65±
S	ECOSYSTEM INVESTMENT PARTNERS III, LLC	371-9	105.48±

NAD'83 GRID NORTH

T.H. LONGITUDE 80°10'00" B.H. LONGITUDE 80°10'00"

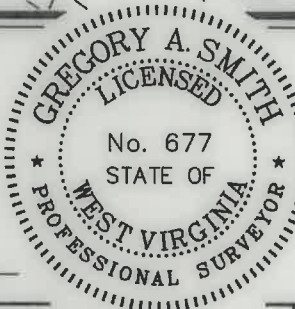


12 Veterans Drive | P.O. Box 670 | Charleston, WV 25301 | 304.422.3034  
1907 Woodloch Boulevard, Box 1 Charleston, WV 25304 | 304.246.3265  
204 East Berkeley Way | Berkeley, WV 25804 | 304.255.5298  
slev.com

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P.S. 849 *Gregory A. Smith*

MINIMUM DEGREE OF ACCURACY 1 / 2500 FILE NO. 8597P203AD.dwg  
HORIZONTAL & VERTICAL CONTROL DETERMINED BY DGPS (SURVEY GRADE TIE TO CORS NETWORK) SCALE 1" = 2000'



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.  
DATE SEPTEMBER 17, 20 21  
REVISED \_\_\_\_\_  
OPERATORS WELL NO. GAMELLI HSOG 203  
API WELL NO. 47 - 033 - 5933  
STATE PA COUNTY CO PERMIT \_\_\_\_\_

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 EXISTING: 1,130.50' / PROPOSED: 1,140.50' WATERSHED BEARDS RUN  
DISTRICT SIMPSON COUNTY HARRISON QUADRANGLE ROSEMONT 7.5'

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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 \_\_\_\_\_  
MARCELLUS (LATERAL) / HUNTERSVILLE CHERT (PILOT HOLE)  
PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_ TARGET FORMATION HUNTERSVILLE CHERT (PILOT HOLE)  
ESTIMATED DEPTH 22,333.4' TMD / 7,317' TVD (LATERAL) / 7,427' TVD (PILOT HOLE)

WELL OPERATOR ARSENAL RESOURCES DESIGNATED AGENT GARY SHORT  
ADDRESS 6031 WALLACE RD. EXT. SUITE 300 ADDRESS 633 WEST MAIN ST.  
WEXFORD, PA 15090 BRIDGEPORT, WV 26330

COUNTY NAME PERMIT

### ARSENAL RESOURCES GAMELLI HSOG 203 AS-DRILLED

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**BOTTOM HOLE**

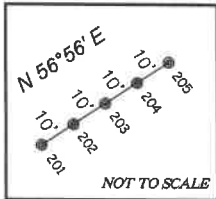
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S	ECOSYSTEM INVESTMENT PARTNERS III, LLC	371-9	105.48±

#### 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. PLAT UPDATED TO SHOW AS-DRILLED PATH.

#### GAMELLI HSOG PAD LAYOUT



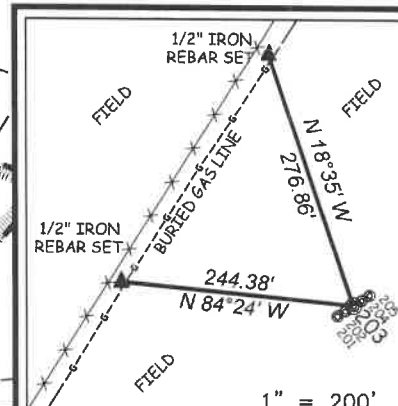
#### LEGEND

- LEASE LINE
- INTERIOR LEASE LINE
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- WELL LATERAL
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- COUNTY ROUTE
- STATE ROUTE
- PROPOSED WELL
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- PERMITTED WELL
- LEASE TAG

#### LEGEND

- AS DRILLED
- PROPOSED

#### REFERENCES

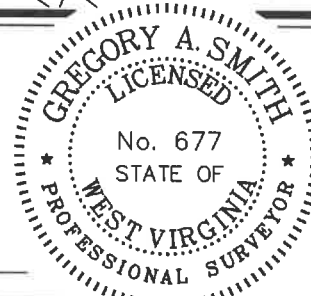


#### GAMELLI HSOG 203 WELL TIES

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STATE OF WEST VIRGINIA  
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 OFFICE OF OIL AND GAS

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

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 DISTRICT SIMPSON COUNTY HARRISON QUADRANGLE ROSEMONT 7.5'  
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 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   
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WELL OPERATOR ARSENAL RESOURCES DESIGNATED AGENT GARY SHORT  
 ADDRESS 6031 WALLACE RD. EXT SUITE 300 WEXFORD, PA 15090 ADDRESS 633 WEST MAIN ST. BRIDGEPORT, WV 26330

COUNTY NAME PERMIT