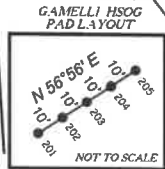


**NOTES ON SURVEY**

- 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 330-26.1 M.A. & R. OSBORN 1.82 AC.



**LEGEND**

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



**ARSENAL RESOURCES  
GAMELLI HSO6 201 AS-DRILLED**

(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) 39.251342	LONG-(W) 80.204316
NAD'83 UTM (M)	N. 4,348,080.3	E. 568,645.9

**LANDING POINT**

NAD'83 S.P.C.(FT)	N. 276,952.7	E. 1,767,449.5
NAD'83 GEO.	LAT-(N) 39.256203	LONG-(W) 80.210032
NAD'83 UTM (M)	N. 4,345,727.6	E. 568,155.8

**BOTTOM HOLE**

NAD'83 S.P.C.(FT)	N. 263,501.9	E. 1,772,084.3
NAD'83 GEO.	LAT-(N) 39.221373	LONG-(W) 80.193298
NAD'83 UTM (M)	N. 4,341,653.1	E. 569,636.0

**LEGEND**

AS DRILLED	---
PROPOSED	---

**GAMELLI HSO6 201 WELL TIES**

LINE	BEARING	DISTANCE
L1	S 71°41' W	1909.07'
L2	S 19°00' E	638.01'
L3	S 20°28' 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	330-86	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	57.45±
F	R. MARK & DIANA L. HACKETT	350-18	127.84±
G	LEWIS FRANKLIN & PAMELA MULLEN	350-7	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**



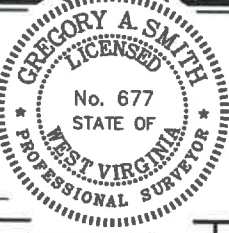
**SLS**  
FROM THE GROUND UP

12 Vanhorn Drive | P.O. Box 150 | Glenville, WV 26031 | 304.462.6634  
1412 Kanawha Boulevard, East | Charleston, WV 25301 | 304.348.3952  
254 East Beckley Bypass | Beckley, WV 25801 | 304.255.5296

sls.com

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 *Gregory A. Smith*



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.  
DATE SEPTEMBER 17, 20 21  
REVISED \_\_\_\_\_  
OPERATORS WELL NO. GAMELLI HSO6 201  
API WELL NO. 47 - 033 - 5922  
STATE            COUNTY            PERMIT           

MINIMUM DEGREE OF ACCURACY 1 / 2500 FILE NO. 8597P201AD.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: 1,132.00' / 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 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 22,198.1' TMD / 7,317' TVD

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" T.H. A.D. 11,045' B.H. A.D. 10,427'

12/31/2021

### ARSENAL RESOURCES GAMELLI HSO6 201 AS-DRILLED

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

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 NAD83 GEO LAT-(N) 39.261342 LONG-(W) 80.204316  
 NAD83 UTM (M) N. 4,346,080.3 E. 568,645.9

**LANDING POINT**

NAD83 S.P.C.(FT) N. 276,952.7 E. 1,767,449.5  
 NAD83 GEO LAT-(N) 39.258203 LONG-(W) 80.210032  
 NAD83 UTM (M) N. 4,346,080.3 E. 568,155.8

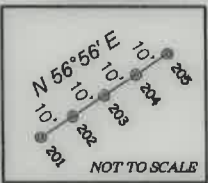
**BOTTOM HOLE**

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#### NOTES ON SURVEY

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- PLAT UPDATED TO SHOW 330-26.1 AS-DRILLED PATH M.A. & R OSBORN 182 AC ±

#### GAMELLI HSO6 201 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

#### LEGEND

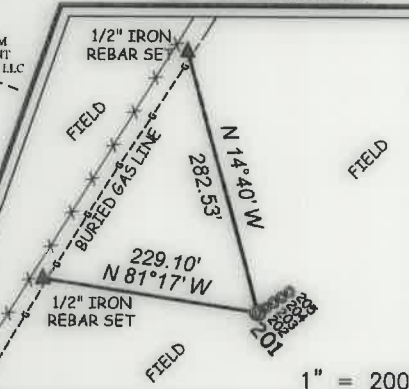
- AS DRILLED
- PROPOSED

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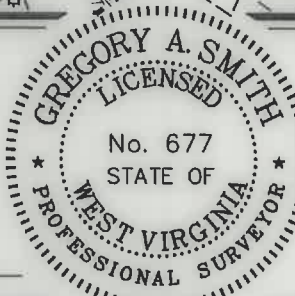
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P.S. 849 *Gregory A. Smith*



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

REVISED \_\_\_\_\_ OPERATORS WELL NO. GAMELLI HSO6 201

API WELL NO. 47 - 033 - 5922  
 STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1/2500 FILE NO. 8597P201AD.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

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PROPOSED WORK: DRILL X CONVERT \_\_\_ DRILL DEEPER \_\_\_ REDRILL \_\_\_ FRACTURE OR STIMULATE X PLUG OFF OLD  
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PHYSICAL CHANGE IN WELL (SPECIFY) TARGET FORMATION MARCELLUS  
 ESTIMATED DEPTH 22,198.1' TMD / 7,317' TVD

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

T.H. LONGITUDE 80°10'00" B.H. LONGITUDE 80°10'00" 10,427' B.H.A.D. 11,045' T.H.A.D.

### ARSENAL RESOURCES GAMELLI HSOG 201 AS-DRILLED

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**LANDING POINT**

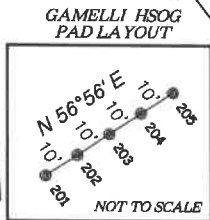
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**LEGEND**

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	---

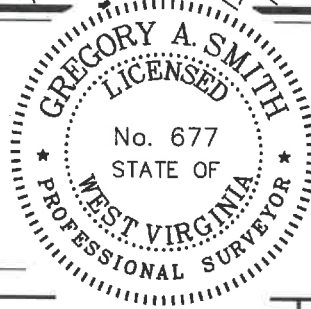


**SLS**  
FROM THE GROUND UP

12 Vanhorn Drive | P.O. Box 150 | Glenville, WV 26351 | 304.462.5634  
 1412 Kanawha Boulevard, East | Charleston, WV 25301 | 304.346.3952  
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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 201

API WELL NO. 47-033-5922

STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 2500 FILE NO. 8597P201AD.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  INJECTION  WASTE DISPOSAL  IF "GAS" PRODUCTION  STORAGE  DEEP  SHALLOW

LOCATION: ELEVATION EXISTING: 1,132.00' / PROPOSED: 1,140.50' WATERSHED BEARDS RUN

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COUNTY NAME PERMIT