

**ARMSTRONG II LEASE  
WELL NO. 215  
ARSENAL RESOURCES**

4,286' B.H. A.D. 143' T.H. A.D.  
B.H. A.D. T.H. LATITUDE 39°17'30"  
B.H. LATITUDE 39°20'00" T.H. A.D.  
203' T.H. A.D. 00°50'08"  
610' B.H. A.D. 80°05'00"  
T.H. LONGITUDE 80°05'08"  
B.H. LONGITUDE 80°05'00"

RECEIVED  
Office of Oil & Gas  
**NOV 17 2022**

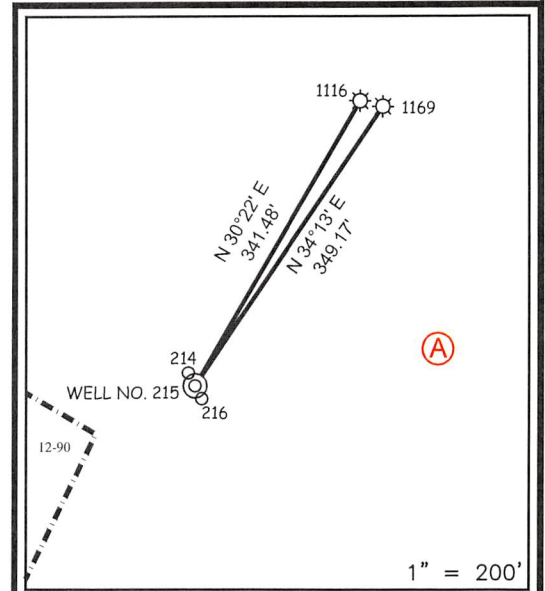
WV Department of  
Environmental Protection

| ARMSTRONG II- 215 |  |          |        |
|-------------------|--|----------|--------|
| TAG               | SURFACE OWNER                                | PARCEL   | ACRES  |
| A                 | ROBERT & JULIE ARMSTRONG                     | 5-12-1   | 65.375 |
| B                 | ROBERT L. JR. & PATRICIA LYNN CARPENTER      | 5-12-3   | 117.94 |
| C                 | ARK LAND LLC                                 | 5-9-58   | 91.45  |
| D                 | COALQUEST DEVELOPMENT LLC (C/O ARK LAND CO.) | 5-9-57.1 | 120    |
| E                 | COALQUEST DEVELOPMENT LLC                    | 5-9-57   | 118.00 |
| F                 | ARK LAND LLC                                 | 5-8-18   | 73.50  |
| G                 | ARK LAND LLC                                 | 5-9-1    | 74.00  |
| H                 | STATE OF W.V. INDUSTRIAL SCHOOL FOR BOYS     | 5-5-15   | 913.69 |
| I                 | MARK A. CURREY                               | 5-4-15   | 108.46 |
| J                 | STATE OF W.V. (NORTHWESTERN TURNPIKE)        | N/A      | N/A    |
| K                 | MARK A. CURREY ET AL                         | 3-16-38  | 18.50  |

| PARCEL    | ADJOINING SURFACE OWNER                          | ACRES  |
|-----------|--|--------|
| 5-12-33.1 | HARRY V & PATRICIA J JOHNSON                     | 89.30  |
| 5-12-35.2 | MARIE ELEANOR QUEEN                              | 2      |
| 5-12-34.1 | DONNA R GOODNOW                                  | 4.825  |
| 5-12-90   | ROBERT L & JULIE A ARMSTRONG                     | 5      |
| 5-13.71.2 | JOSEPH & LACEY N FREY                            | 8.35   |
| 5-13.71.3 | ARK LAND LLC                                     | 27.52  |
| 5-8-22    | HAROLD THOMAS & MARY LOU ADKINS                  | 34.77  |
| 5-8-21    | DAYTON W & RUTH A GREEN C/O ARK LAND LLC         | 66.95  |
| 5-8-14    | ARK LAND LLC                                     | 17     |
| 5-8-15    | ARK LAND LLC                                     | 106.82 |
| 5-8-19    | ARK LAND LLC                                     | 42.23  |
| 5-8-20    | ARK LAND LLC                                     | 23     |
| 5-5-13    | LARRY MCDANIEL (HEIRS) IN C/O MICHAEL E MCDANIEL | 4.98   |
| 5-5-14    | TIMOTHY R. & ROSS P. GERARD                      | 15.63  |
| 3-16-36   | JASON KNOTTS                                     | 4.80   |
| 3-16-37   | ARK LAND LLC                                     | 1.00   |
| 3-16-33   | MARK A. CURREY, ET AL                            | 35.00  |
| 3-16-39   | NORA REYNOLDS, ET AL                             | 1      |
| 3-16-40   | JOHN WHITESCARVER                                | 176.75 |
| 5-5-15.1  | TAYLOR COUNTY FAIR ASSOCIATION                   | 54.5   |
| 5-5-15.4  | STATE OF WEST VIRGINIA (WV DEPT OF AGRICULTURE)  | 2.84   |
| 5-5-15.2  | TAYLOR COUNTY FAIR ASSOCIATION                   | 3.2    |
| 5-4-15    | MARK A CURREY                                    | 108.46 |
| 5-9-2     | ARK LAND LLC                                     | 33.1   |
| 5-9-4     | COALQUEST DEVELOPMENT LLC                        | 115.00 |
| 5-9-56    | COALQUEST DEVELOPMENT LLC (C/O ARK LAND CO.)     | 55.75  |
| 5-9-63.3  | COALQUEST DEVELOPMENT LLC (C/O ARK LAND CO.)     | 85.45  |
| 5-9-59    | ARK LAND COMPANY                                 | 28.50  |
| 5-9-61    | ARK LAND COMPANY                                 | 4      |
| 5-9-60    | ARK LAND LLC                                     | 50.02  |

(S.P.C. NORTH ZONE) (UTM(M) ZONE 17 NORTH)  
NAD'83 S.P.C.(FT) N. 288,680.62 E. 1,803,259.68  
NAD'83 GEO. LAT-(N) 39.291109 LONG-(W) 80.083837  
NAD'83 UTM (M) N. 4,349,482.13 E. 579,006.70  
**LANDING POINT**  
NAD'83 S.P.C.(FT) N. 289,607.7 E. 1,803,996.4  
NAD'83 GEO. LAT-(N) 39.293668 LONG-(W) 80.081256  
NAD'83 UTM (M) N. 4,349,768.3 E. 579,226.5  
**BOTTOM HOLE**  
NAD'83 S.P.C.(FT) N. 303,477.6 E. 1,799,197.4  
NAD'83 GEO. LAT-(N) 39.331661 LONG-(W) 80.098538  
NAD'83 UTM (M) N. 4,353,969.8 E. 577,694.0

**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.
- WELL SPOT CIRCLE & TOPO MARK SCALE ARE 1"=2000'
- THERE IS ONE (1) HOUSE TRAILER AND ONE (1) HUNTING CABIN WITHIN WITHIN 625 FEET. NEITHER STRUCTURE APPEAR TO BE OCCUPIED AND THE HOUSE TRAILER APPEARS TO BE DILAPIDATED.
- AS-DRILLED DATA PROVIDED BY ARSENAL RESOURCES
- PLAT UPDATED TO SHOW AS-DRILLED PATH.

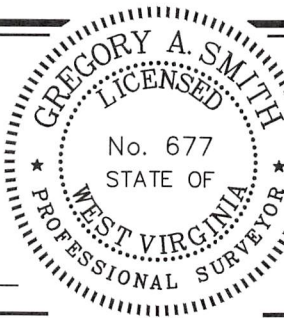


12 Vanhorn Drive | P.O. Box 150 | Glenville, WV 26351 | 304.462.5634  
1412 Kanawha Boulevard, East | Charleston, WV 25301 | 304.346.3952  
254 East Beckley Bypass | Beckley, WV 25801 | 304.255.5296  
slswv.com

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. 677

*Gregory A. Smith*



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

DATE JULY 14, 20 22

REVISED \_\_\_\_\_, 20 \_\_\_\_\_

OPERATORS WELL NO. 215

API WELL NO. 47 - 091 - 01364  
STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 2500 FILE NO. 9111-Arsenal-SURV-Plat215ad-R00-220712-CPM.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 INJECTION  WASTE DISPOSAL  IF "GAS" PRODUCTION  STORAGE  DEEP  SHALLOW

LOCATION: ELEVATION 1293.80' WATERSHED LONG RUN

DISTRICT COURTHOUSE COUNTY TAYLOR QUADRANGLE GRAFTON

SURFACE OWNER ROBERT L. & JULIE A. ARMSTRONG ACREAGE 65.375±

ROYALTY OWNER ROBERT L. & JULIE A. ARMSTRONG ET AL ACREAGE 65.375

PROPOSED WORK: LEASE NO. SEE WW-6A1

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 TMD 22,971.5 / TVD 7,789'

WELL OPERATOR ARSENAL RESOURCES  
ADDRESS 6031 WALLACE RD. EXT. SUITE 101  
WEXFORD, PA 15090

DESIGNATED AGENT GARY SHORT  
ADDRESS 633 WEST MAIN STREET  
BRIDGEPORT, WV 26330

COUNTY NAME

PERMIT

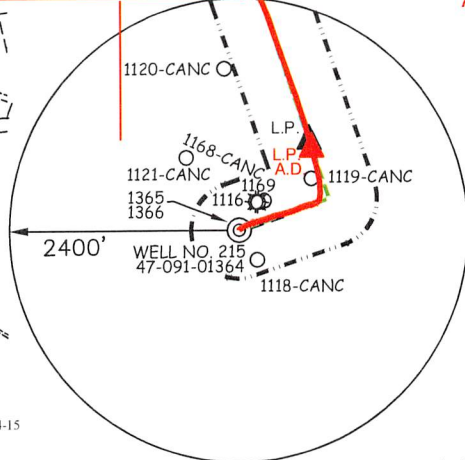


**ARMSTRONG II LEASE  
WELL NO. 215  
ARSENAL RESOURCES**

**LEGEND**

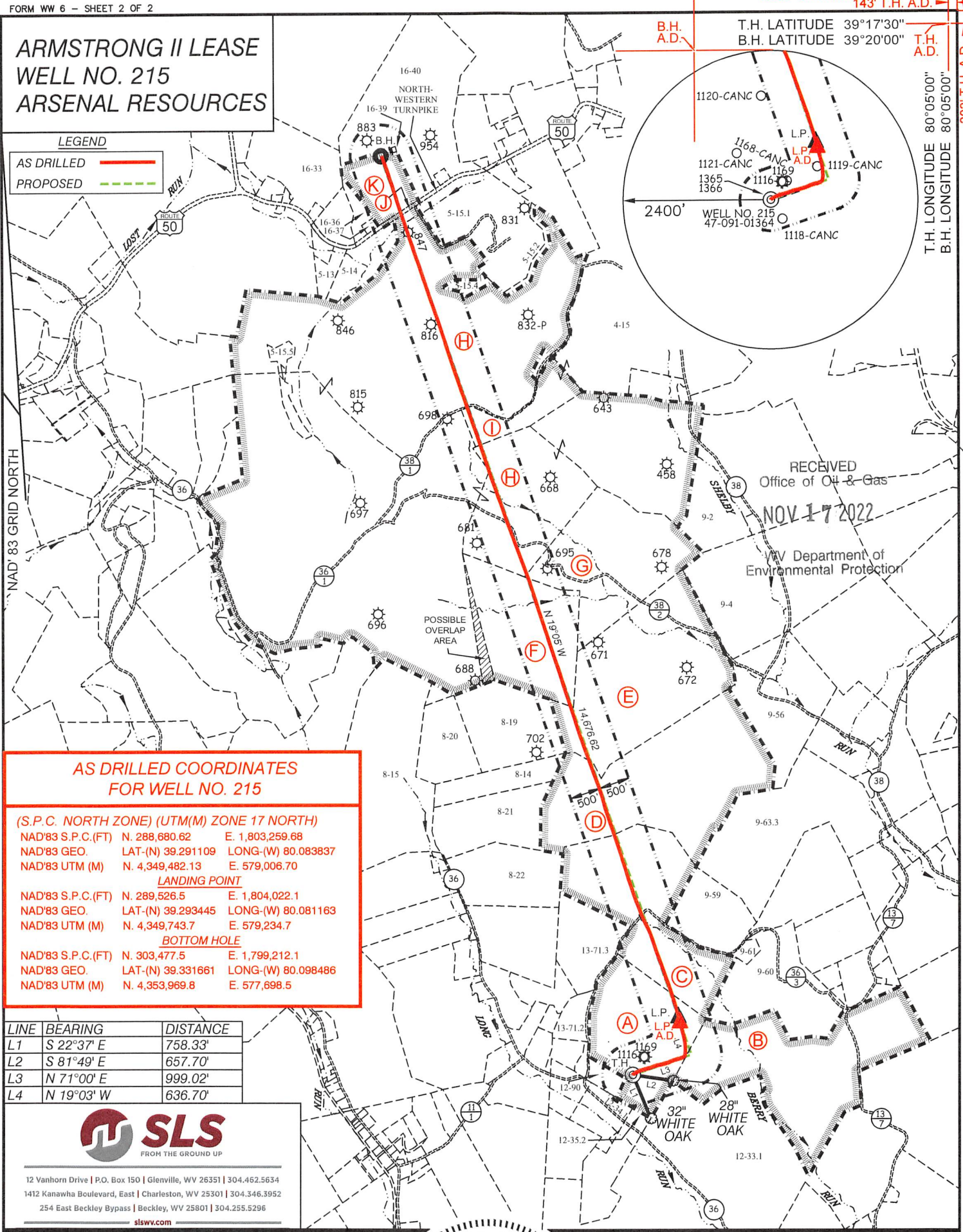
- AS DRILLED
- PROPOSED

4,286' B.H. A.D. 143' T.H. A.D.  
 B.H. A.D. T.H. LATITUDE 39°17'30"  
 B.H. LATITUDE 39°20'00" T.H. A.D.



T.H. LONGITUDE 80°05'00"  
 B.H. LONGITUDE 80°05'00"  
 203' T.H. A.D.  
 610' B.H. A.D.

NAD'83 GRID NORTH



RECEIVED  
 Office of Oil & Gas  
 NOV 17 2022  
 WV Department of  
 Environmental Protection

**AS DRILLED COORDINATES  
FOR WELL NO. 215**

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

|                   |                   |                    |
|-------------------|-------------------|--------------------|
| NAD'83 S.P.C.(FT) | N. 288,680.62     | E. 1,803,259.68    |
| NAD'83 GEO.       | LAT-(N) 39.291109 | LONG-(W) 80.083837 |
| NAD'83 UTM (M)    | N. 4,349,482.13   | E. 579,006.70      |

**LANDING POINT**

|                   |                   |                    |
|-------------------|-------------------|--------------------|
| NAD'83 S.P.C.(FT) | N. 289,526.5      | E. 1,804,022.1     |
| NAD'83 GEO.       | LAT-(N) 39.293445 | LONG-(W) 80.081163 |
| NAD'83 UTM (M)    | N. 4,349,743.7    | E. 579,234.7       |

**BOTTOM HOLE**

|                   |                   |                    |
|-------------------|-------------------|--------------------|
| NAD'83 S.P.C.(FT) | N. 303,477.5      | E. 1,799,212.1     |
| NAD'83 GEO.       | LAT-(N) 39.331661 | LONG-(W) 80.098486 |
| NAD'83 UTM (M)    | N. 4,353,969.8    | E. 577,698.5       |

| LINE | BEARING    | DISTANCE |
|------|------------|----------|
| L1   | S 22°37' E | 758.33'  |
| L2   | S 81°49' E | 657.70'  |
| L3   | N 71°00' E | 999.02'  |
| L4   | N 19°03' W | 636.70'  |



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(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

P.S. 677 *Gregory A. Smith*

SCALE 1" = 2000' FILE NO. 9111-Arsenal-SURV-Plat215ad-R00-220712-CPM.dwg

DATE JULY 14, 2022

REVISED \_\_\_\_\_, 20\_\_

OPERATORS WELL NO. 215

API WELL NO. 47-091-01364

NO. STATE COUNTY PERMIT

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

**LEGEND**

- LEASE LINE
- SURFACE LINE
- WELL LATERAL
- OFFSET LINE
- TIE LINE
- CREEK
- ROAD
- COUNTY ROUTE
- PROPOSED WELL
- EXISTING WELL
- PERMITTED WELL
- TAX MAP-PARCEL
- SURFACE OWNER (SEE TABLE)
- LEASE # (SEE WW-6A1)

WELL OPERATOR ARSENAL RESOURCES DESIGNATED AGENT GARY SHORT

ADDRESS 6031 WALLACE RD. EXT. SUITE 101 ADDRESS 633 WEST MAIN STREET

WEXFORD, PA 15090 BRIDGEPORT, WV 26330

COUNTY NAME  
 PERMIT