

**ARMSTRONG II LEASE  
WELL NO. 216  
ARSENAL RESOURCES**

T.H. LATITUDE 39°17'30"  
B.H. LATITUDE 39°20'00"

B.H. A.D.

T.H. LONGITUDE 80°05'00"  
B.H. LONGITUDE 80°05'00"

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

NAD'83 S.P.C.(FT) N. 288,667.35 E. 1,803,266.67  
NAD'83 GEO. LAT-(N) 39.291073 LONG-(W) 80.083812  
NAD'83 UTM (M) N. 4,349,478.12 E. 579,008.90

LANDING POINT

NAD'83 S.P.C.(FT) N. 289,999.7 E. 1,805,130.9  
NAD'83 GEO. LAT-(N) 39.294764 LONG-(W) 80.077256  
NAD'83 UTM (M) N. 4,349,893.5 E. 579,570.1

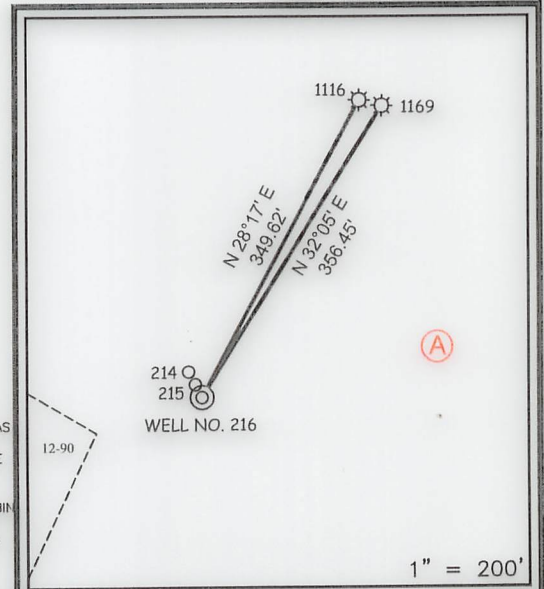
BOTTOM HOLE

NAD'83 S.P.C.(FT) N. 303,076.7 E. 1,800,605.9  
NAD'83 GEO. LAT-(N) 39.330586 LONG-(W) 80.093550  
NAD'83 UTM (M) N. 4,353,854.8 E. 578,125.2

PARCEL	ADJOINING SURFACE OWNER	ACRES
3-16-61.1	BYRON D. & ELAINE D. GILBERT	6.55
3-16-61.2	NANCY B. BAKER (LF), ET AL	16.29
3-16-62	ERNEST C. HAWKINBERRY (LIFE), ET AL	55.60
3-20-3.2	REBECCA J. BARTLETT	8.40
3-20-4	RALPH & CRYSTAL L. MORRIS	79.65
5-4-15.1	CHAD L. CURREY	7.38
5-4-15.3	JODI DARLENE & WILLIE JOE HAUGHT	1.03
5-4-17	JERRY PAUL ROSS, JR	27.00
5-4-51	GEORGE R. WILLIAMS	168.22
5-4-52	ARK LAND LLC	69.75
5-4-52.1	ARK LAND LLC	2.25
5-5-13	LARRY MCDANIEL (HEIRS)	4.98
5-5-14	TIMOTHY R. & ROSS P. GERARD	15.63
5-5-15.4	STATE OF WEST VIRGINIA (WV DEPT OF AGRICULTRE)	2.84
5-5-15.5	STATE OF WEST VIRGINIA (WV DEPT OF AGRICULTRE)	6.62
5-5-16	LARRY L. REED, ET AL	3.47
5-5-17.1	MATTHEW ALLEN & NORMA JEAN CHENOWETH	21.31
5-8-14	ARK LAND LLC	17.00
5-8-15	ARK LAND LLC	106.82
5-8-17	ARK LAND LLC	1.735
5-8-18	ARK LAND LLC	73.5
5-8-19	ARK LAND LLC	42.23
5-8-20	ARK LAND LLC	23.00
5-8-21	ARK LAND LLC	66.95
5-8-22	HAROLD THOMAS & MARY LOU ADKINS	34.77
5-8-30	RODNEY E. & LINDA S. MCQUAIN	62.54
5-9-2	ARK LAND LLC	33.1
5-9-4	COALQUEST DEVELOPMENT LLC	115.00
5-9-56	COALQUEST DEVELOPMENT LLC	55.75
5-9-62	ROBERT B. MOORE JR. & MARY WOLFE	54.00
5-9-63	COALQUEST DEVELOPMENT LLC	20.00
5-9-66	MARY ELIZABETH MOORE	16.15
5-9-66.1	ROBERT B. MOORE JR. & MARY WOLFE	0.72
5-9-66.3	COALQUEST DEVELOPMENT LLC	2.50
5-9-70	ROBERT F. COLEBANK	2.15
5-9-70.3	ROBERT F. COLEBANK	3.10
5-9-70.4	LOREN L. & DELLA A. KNOTTS	7.52
5-9-70.6	GEORGIA L. POLING	2.19
5-9-71	ARK LAND LLC	54.00
5-9-84	ROBERT F. COLEBANK	24.00
5-12-5	ARK LAND LLC	1.00
5-12-7	RODNEY & DEBORAH A. ANDERSON	138.13
5-12-31	MELISSA HAYS	42.87
5-12-32	ARK LAND LLC	1.25
5-12-33.1	HARRY V. & PATRICIA J. JOHNSON	89.30
5-12-34.1	BOW SMITH	4.825
5-12-35.2	MARIE ELEANORE & KEITH QUEEN (LIFE), ET AL	2.00
5-12-89	LONG RUN FELLOWSHIP CHURCH	0.36
5-12-90	ROBERT L. & JULIE A. ARMSTRONG	5.00
5-13-16.1	ALLISON SIMMONS	1.59
5-13-16.2	TRS OF LONG RUN FREE WILL BAPTIST CHURCH	6372.98 SQ FT
5-13-65	LONG RUN FELLOWSHIP CHURCH	1.341
5-13-71.1	ALLISON SIMMONS	5.00
5-13-71.2	JOSEPH & LACEY N. FREY	8.35

TAG	SURFACE OWNER	PARCEL	ACRES
A	ROBERT L. & JULIE A. ARMSTRONG	5-12-1	65.375
B	ROBERT L. JR. & PATRICIA LYNN CARPENTER	5-12-3	117.94
C	ARK LAND LLC	5-9-60	50.02
D	ARK LAND LLC	5-9-61	4.00
E	ARK LAND LLC	5-9-58	91.45
F	ARK LAND LLC	5-9-59	28.50
G	COALQUEST DEVELOPMENT LLC	5-9-63.3	85.45
H	COALQUEST DEVELOPMENT LLC	5-9-57.1	120.00
I	COALQUEST DEVELOPMENT LLC	5-9-57	118.00
J	ARK LAND LLC	5-9-1	74.00
K	STATE OF W.V. INDUSTRIAL SCHOOL FOR BOYS	5-5-15	913.69
L	MARK A. CURREY	5-4-15	108.46
M	TAYLOR COUNTY FAIR ASSOCIATION	5-5-15.2	3.20
N	TAYLOR COUNTY FAIR ASSOCIATION	5-5-15.1	54.5

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.

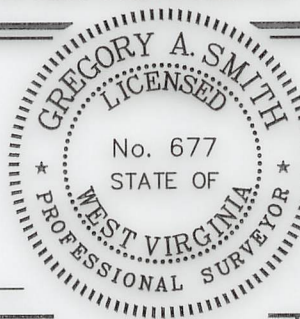


12 Vanhorn Drive | P.O. Box 150 | Glenville, WV 26351 | 304.462.5634  
1412 Kanawha Boulevard, East | Charleston, WV 25301 | 304.346.3952  
254 East Beckley Bypass | Beckley, WV 25801 | 304.255.5296  
slnwv.com

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. 216  
API WELL NO. 47 - 091 - 01366  
STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 2500 FILE NO. 9111-Arsenal-SURV-Plat216ad-R00-220712-CPM.dwg  
HORIZONTAL & VERTICAL CONTROL DETERMINED BY: SCALE 1" = 2000'  
DGPS (SURVEY GRADE TIE TO CORS NETWORK)

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 1293.82' 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 63/31/2023  
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 22,383 / TVD 7,789'

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

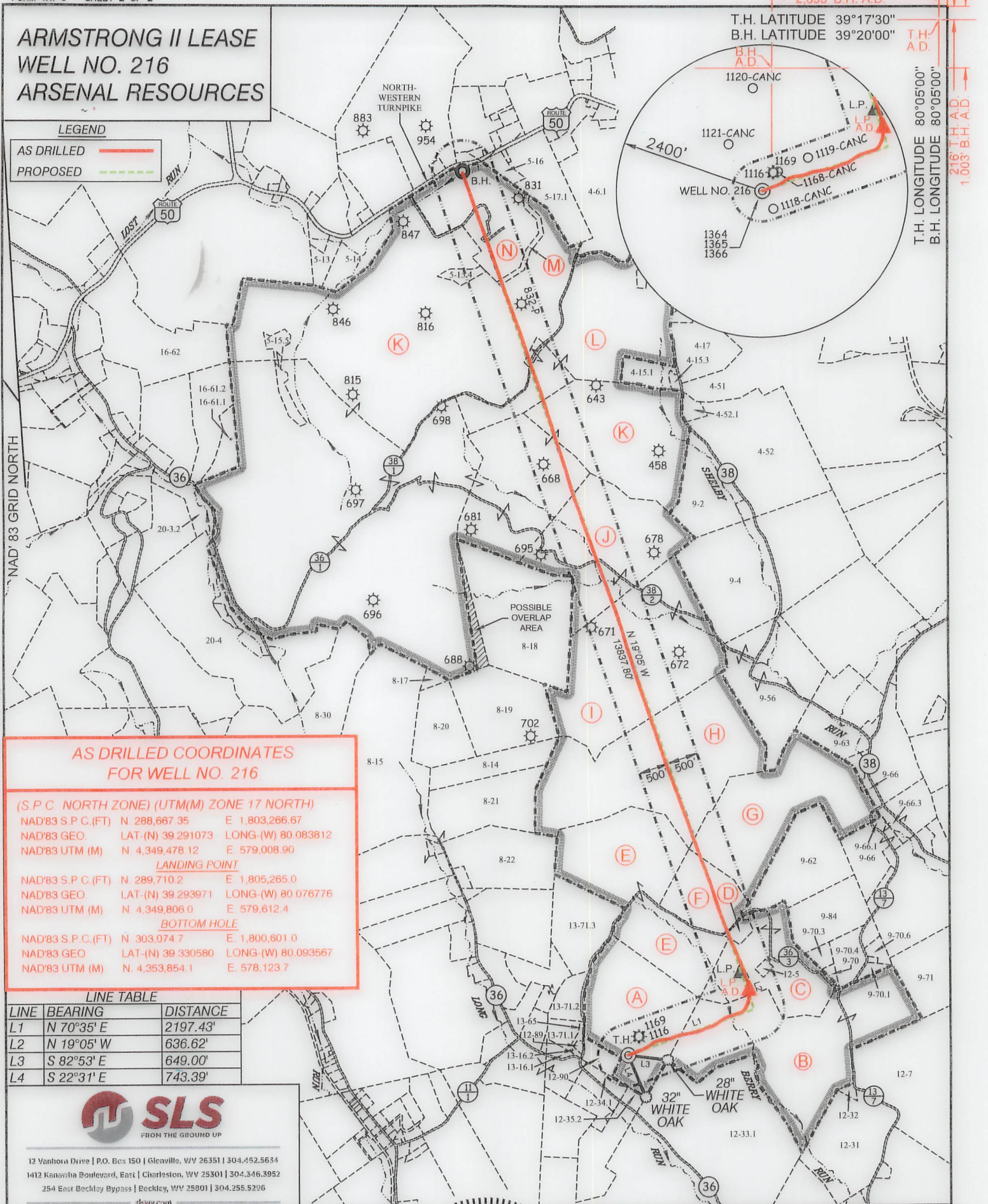
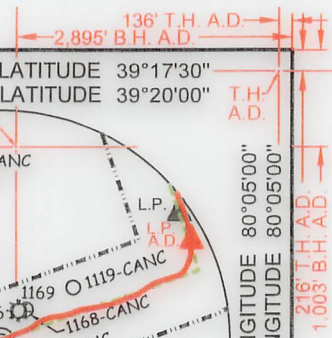


# ARMSTRONG II LEASE WELL NO. 216 ARSENAL RESOURCES

**LEGEND**

- AS DRILLED
- PROPOSED

T.H. LATITUDE 39°17'30"  
B.H. LATITUDE 39°20'00"



**AS DRILLED COORDINATES  
FOR WELL NO. 216**

(S.P.C. NORTH ZONE) (UTM(M) ZONE 17 NORTH)  
 NAD'83 S.P.C.(FT) N. 288,667.35 E. 1,803,266.67  
 NAD'83 GEO. LAT.(N) 39.291073 LONG.(W) 80.083812  
 NAD'83 UTM (M) N. 4,349,478.12 E. 579,008.90

**LANDING POINT**  
 NAD'83 S.P.C.(FT) N. 289,710.2 E. 1,805,265.0  
 NAD'83 GEO. LAT.(N) 39.293971 LONG.(W) 80.076776  
 NAD'83 UTM (M) N. 4,349,806.0 E. 579,612.4

**BOTTOM HOLE**  
 NAD'83 S.P.C.(FT) N. 303,074.7 E. 1,800,601.0  
 NAD'83 GEO. LAT.(N) 39.330580 LONG.(W) 80.093567  
 NAD'83 UTM (M) N. 4,353,854.1 E. 578,123.7

LINE	BEARING	DISTANCE
L1	N 70°35' E	2197.43'
L2	N 19°05' W	636.62'
L3	S 82°53' E	649.00'
L4	S 22°31' E	743.39'



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 slsvw.com

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

P.S. 677

*Gregory A. Smith*

**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)

SCALE 1" = 2000' FILE NO. 9111-Arsenal-SURV-Plat216ad-R00-220712-CPM.dwg

DATE JULY 14, 2022  
 REVISED \_\_\_\_\_, 20\_\_\_\_

OPERATORS WELL NO. 216  
 API WELL NO. 47-091-01366  
 STATE COUNTY PERMIT

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



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

03/31/2023