

**ARMSTRONG II LEASE  
WELL NO. 214  
ARSENAL RESOURCES**

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

T.H. A.D.  
B.H. A.D.

B.H. A.D.

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

5,221' B.H. A.D.  
150' T.H. A.D.  
1,586' B.H. A.D.

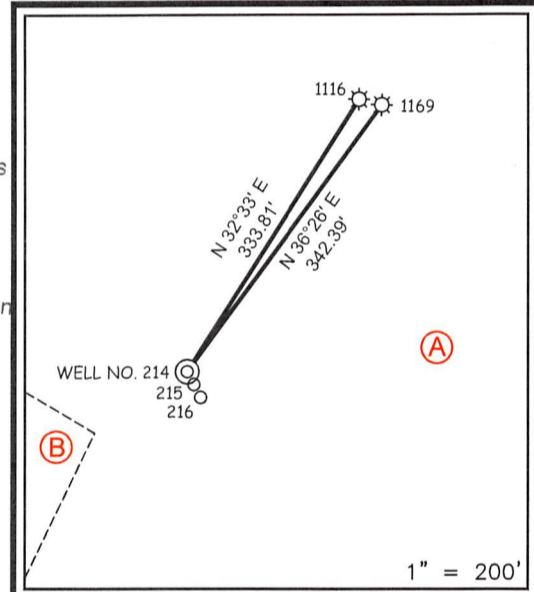
PARCEL	ADJOINING SURFACE OWNER	ACRES
3-16-33	MARK A. CURREY, ET AL	35.00
3-16-34	BRADY LEE KNOTTS	1.17
3-16-36	JASON KNOTTS	4.80
3-16-37	ARK LAND LLC	1.00
3-16-38	MARK A. CURREY, ET AL	18.5
3-16-61.1	BYRON D. & ELAINE D. GILBERT	6.55
3-16-61.2	NANCY B. BAKER (LF), ET AL	16.29
3-16-62	ERNEST C. HAWKINBERRY (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	MARK A. CURREY	108.46
5-4-15.1	CHAD L. CURREY	7.38
5-4-15.3	JODI DARLENE & WILLIE JOE HAUGHT	1.03
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
5-5-15.1	TAYLOR COUNTY FAIR ASSOCIATION	54.5
5-5-15.2	TAYLOR COUNTY FAIR ASSOCIATION	3.20
5-5-15.4	STATE OF WEST VIRGINIA (WV DEPT OF AGRICULTURE)	2.84
5-5-15.5	STATE OF WEST VIRGINIA (WV DEPT OF AGRICULTURE)	6.62
5-5-17.1	MATTHEW ALLEN & NORMA JEAN CHENOWETH	21.31
5-8-13	MICHAEL EUGENE & BETH ANN WININGER	16.74
5-8-15	ARK LAND LLC	106.82
5-8-17	ARK LAND LLC	1.735
5-8-20	ARK LAND LLC	23.00
5-8-21.1	DIANNA I. LEONELLI	1.05
5-8-22.1	H. THOMAS ADKINS, JR.	1.29
5-8-23	TRINA RAGER	1.1
5-8-24	TRINA RAGER	35.36
5-8-30	RODNEY E. & LINDA S. MCQUAIN	62.54
5-9-1	ARK LAND LLC	74.00
5-9-2	ARK LAND LLC	33.1
5-9-36	COALQUEST DEVELOPMENT LLC	55.75
5-9-57	COALQUEST DEVELOPMENT LLC	118.00
5-9-58	ARK LAND LLC	91.45
5-9-59	ARK LAND LLC	28.50
5-9-60	ARK LAND LLC	50.02
5-9-63.3	COALQUEST DEVELOPMENT LLC	85.45
5-12-3	ROBERT L. JR. & PATRICIA LYNN CARPENTER	117.94
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
5-13-13.1	JERRY LEE JR. & MARSHA A. WELCH	5.03
5-13-15	TINA L. FREEZE	14.98
5-13-16.1	ALLISON SIMMONS	1.59
5-13-16.2	FRS OF LONG RUN FREE WILL BAPTIST CHURCH	6372.98 SQ FT
5-13-65	LONG RUN FELLOWSHIP CHURCH	1.341
5-13-71	TRINA F. RAGER	11.25
5-13-71.1	ALLISON SIMMONS	5.00

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

NAD'83 S.P.C.(FT)	N. 288,693.89	E. 1,803,252.68
NAD'83 GEO.	LAT-(N) 39.291146	LONG-(W) 80.083862
NAD'83 UTM (M)	N. 4,349,486.14	E. 579,004.50
<b>LANDING POINT</b>		
NAD'83 S.P.C.(FT)	N. 289,216.5	E. 1,802,861.9
NAD'83 GEO.	LAT-(N) 39.292573	LONG-(W) 80.085255
NAD'83 UTM (M)	N. 4,349,643.4	E. 578,882.8
<b>BOTTOM HOLE</b>		
NAD'83 S.P.C.(FT)	N. 302,500.9	E. 1,798,269.2
NAD'83 GEO.	LAT-(N) 39.328962	LONG-(W) 80.101796
NAD'83 UTM (M)	N. 4,353,667.5	E. 577,416.2

TAG	SURFACE OWNER	PARCEL	ACRES
A	ROBERT L. & JULIE A. ARMSTRONG	5-12-1	65.375
B	ROBERT L. & JULIE A. ARMSTRONG	9-12-90	5.00
C	JOSEPH & LACEY N. FREY	5-13-71.2	8.35
D	ARK LAND COMPANY	5-13-71.3	27.52
E	HAROLD THOMAS & MARY LOU ADKINS	5-8-22	34.77
F	COALQUEST DEVELOPMENT LLC (C/O ARK LAND CO.)	5-9-57.1	120.00
G	ARK LAND COMPANY	5-8-21	66.95
H	ARK LAND COMPANY	5-8-14	17.00
I	ARK LAND COMPANY	5-8-19	42.23
J	ARK LAND COMPANY	5-8-18	73.50
K	STATE OF W.V. INDUSTRIAL SCHOOL FOR BOYS	5-5-15	913.69
L	TIMOTHY R. GERARD, ET AL	5-5-14	15.63
M	LARRY MCDANIEL (HEIRS)	5-5-13	4.98
N	GEORGE L. OR RUBY E. SIMPSON	5-5-12	2.53
O	STATE OF W.V. (NORTHWESTERN TURNPIKE)	N/A	N/A
P	BRADY KNOTTS	3-16-35	8.32

**REFERENCES**



**NOTES ON SURVEY**

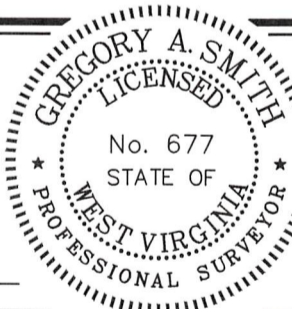
- NO WATER WELLS WERE FOUND WITHIN 250' OF PROPOSED GAS WELL. NO AGRICULTURAL BUILDINGS > 2500 SQ. FT. OR DWELLINGS WERE FOUND WITHIN 625' OF THE CENTER OF PROPOSED WELL PAD.
- WELL SPOT CIRCLE & TOPO MARK SCALE ARE 1"=2000'
- THERE IS ONE (1) HOUSE TRAILER AND ONE (1) HUNTING CABIN WITHIN WITHIN 625 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. 214  
API WELL NO. 47 — 091 — 01365  
STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 2500 FILE NO. 9111-Arsenal-SURV-Plat214ad-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 :  
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 22,215 / TVD 7,789'

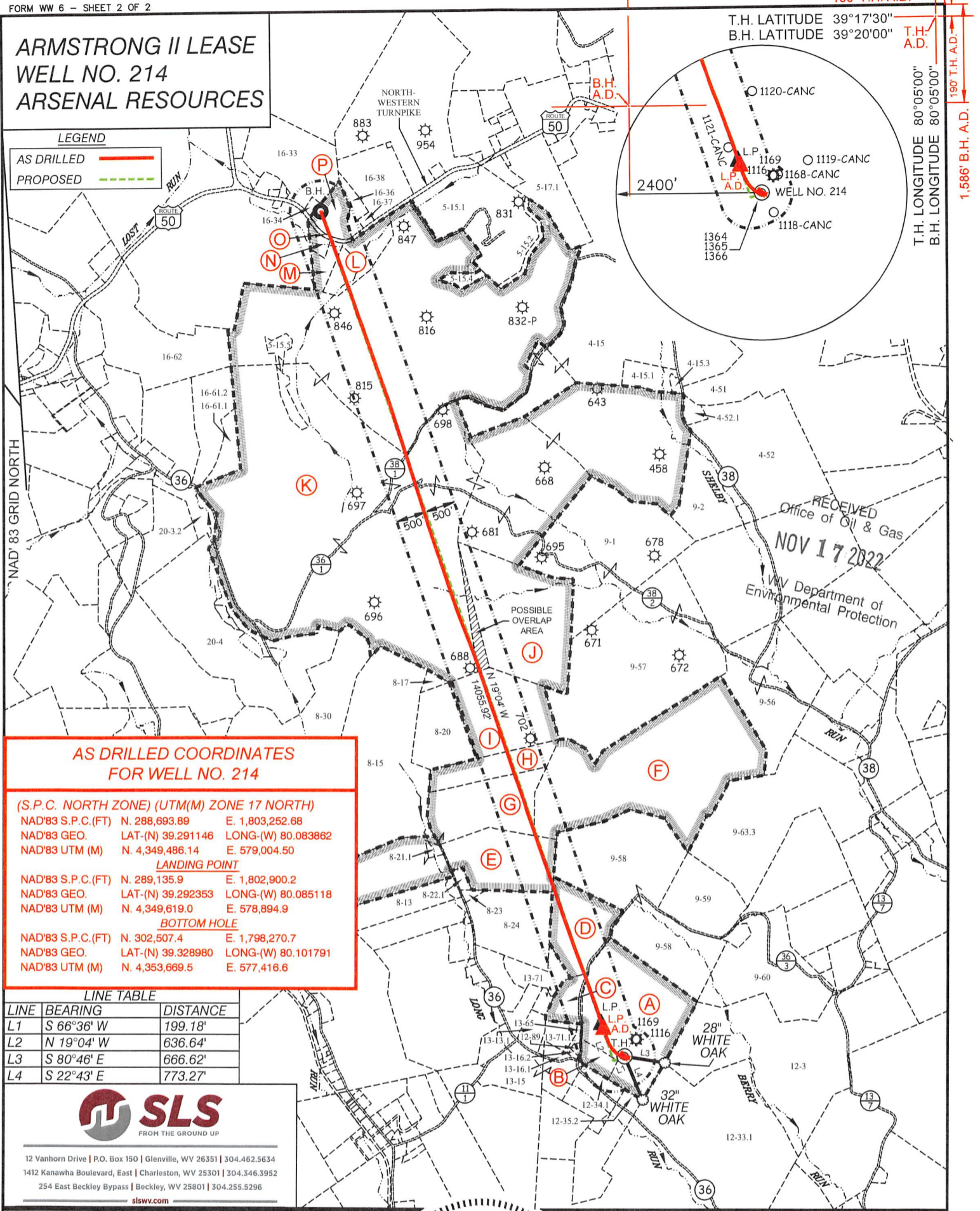
WELL OPERATOR ARSENAL RESOURCES DESIGNATED AGENT GARY SHORT  
ADDRESS 6031 WALLACE RD. EXT. SUITE 101 WEXFORD, PA 15090 ADDRESS 633 WEST MAIN STREET BRIDGEPORT, WV 26330

COUNTY NAME  
PERMIT

# ARMSTRONG II LEASE WELL NO. 214 ARSENAL RESOURCES

**LEGEND**

- AS DRILLED —
- PROPOSED - - -



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

**AS DRILLED COORDINATES  
FOR WELL NO. 214**

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

NAD'83 S.P.C.(FT)	N. 288,693.89	E. 1,803,252.68
NAD'83 GEO.	LAT-(N) 39.291146	LONG-(W) 80.083862
NAD'83 UTM (M)	N. 4,349,486.14	E. 579,004.50

**LANDING POINT**

NAD'83 S.P.C.(FT)	N. 289,135.9	E. 1,802,900.2
NAD'83 GEO.	LAT-(N) 39.292353	LONG-(W) 80.085118
NAD'83 UTM (M)	N. 4,349,619.0	E. 578,894.9

**BOTTOM HOLE**

NAD'83 S.P.C.(FT)	N. 302,507.4	E. 1,798,270.7
NAD'83 GEO.	LAT-(N) 39.328980	LONG-(W) 80.101791
NAD'83 UTM (M)	N. 4,353,669.5	E. 577,416.6

**LINE TABLE**

LINE	BEARING	DISTANCE
L1	S 66°36' W	199.18'
L2	N 19°04' W	636.64'
L3	S 80°46' E	666.62'
L4	S 22°43' E	773.27'



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  
sllswv.com

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

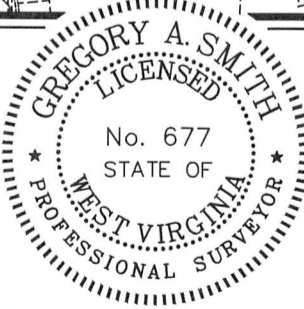
NAD'83 S.P.C.(FT)	N. 288,693.89	E. 1,803,252.68
NAD'83 GEO.	LAT-(N) 39.291146	LONG-(W) 80.083862
NAD'83 UTM (M)	N. 4,349,486.14	E. 579,004.50

**LANDING POINT**

NAD'83 S.P.C.(FT)	N. 289,216.5	E. 1,802,861.9
NAD'83 GEO.	LAT-(N) 39.292573	LONG-(W) 80.085255
NAD'83 UTM (M)	N. 4,349,643.4	E. 578,882.8

**BOTTOM HOLE**

NAD'83 S.P.C.(FT)	N. 302,500.9	E. 1,798,269.2
NAD'83 GEO.	LAT-(N) 39.328962	LONG-(W) 80.101796
NAD'83 UTM (M)	N. 4,353,667.5	E. 577,416.2



(+) 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-Plat214ad-R00-220712-CPM.dwg

DATE JULY 14, 2022  
REVISED \_\_\_\_\_, 20\_\_\_\_  
OPERATORS WELL NO. 214  
API WELL NO. 47-091-01365  
STATE COUNTY PERMIT

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



DESIGNATED AGENT GARY SHORT

ADDRESS 633 WEST MAIN STREET  
BRIDGEPORT, WV 26330

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

COUNTY NAME  
PERMIT

03/31/2023

5,221' B.H. A.D. 150' T.H. A.D.

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

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

1,586' B.H. A.D. 190' T.H. A.D.

2400'

1120-CANC  
1121-CANC  
1116-CANC  
1119-CANC  
1168-CANC  
1118-CANC  
1364  
1365  
1366

L.P. A.D.

L.P. A.D.

L.P. A.D.

L.P. A.D.

L.P. A.D.

L.P. A.D.

L.P. A.D.

L.P. A.D.

L.P. A.D.

L.P. A.D.

L.P. A.D.

L.P. A.D.

L.P. A.D.

L.P. A.D.

L.P. A.D.

L.P. A.D.

L.P. A.D.

L.P. A.D.

L.P. A.D.

L.P. A.D.

L.P. A.D.

L.P. A.D.

L.P. A.D.

L.P. A.D.

L.P. A.D.

L.P. A.D.

L.P. A.D.

L.P. A.D.

L.P. A.D.

L.P. A.D.

L.P. A.D.

L.P. A.D.

L.P. A.D.

L.P. A.D.

L.P. A.D.

L.P. A.D.

L.P. A.D.

L.P. A.D.

L.P. A.D.

L.P. A.D.

L.P. A.D.

L.P. A.D.

L.P. A.D.

L.P. A.D.

L.P. A.D.

L.P. A.D.

L.P. A.D.

L.P. A.D.

L.P. A.D.

L.P. A.D.

L.P. A.D.

L.P. A.D.

L.P. A.D.

L.P. A.D.

L.P. A.D.

L.P. A.D.