

SURFACE HOLE SURVEYED 39° 22' 30" (NAD27)  
 BOTTOM HOLE SURVEYED 39° 25' 00" (NAD27)

10,508'

Latitude: (NAD27)

760'

3,095'

Longitude: (NAD27)

SURFACE HOLE SURVEYED 80° 15' 00" (NAD27)  
 BOTTOM HOLE SURVEYED 80° 17' 30" (NAD27)

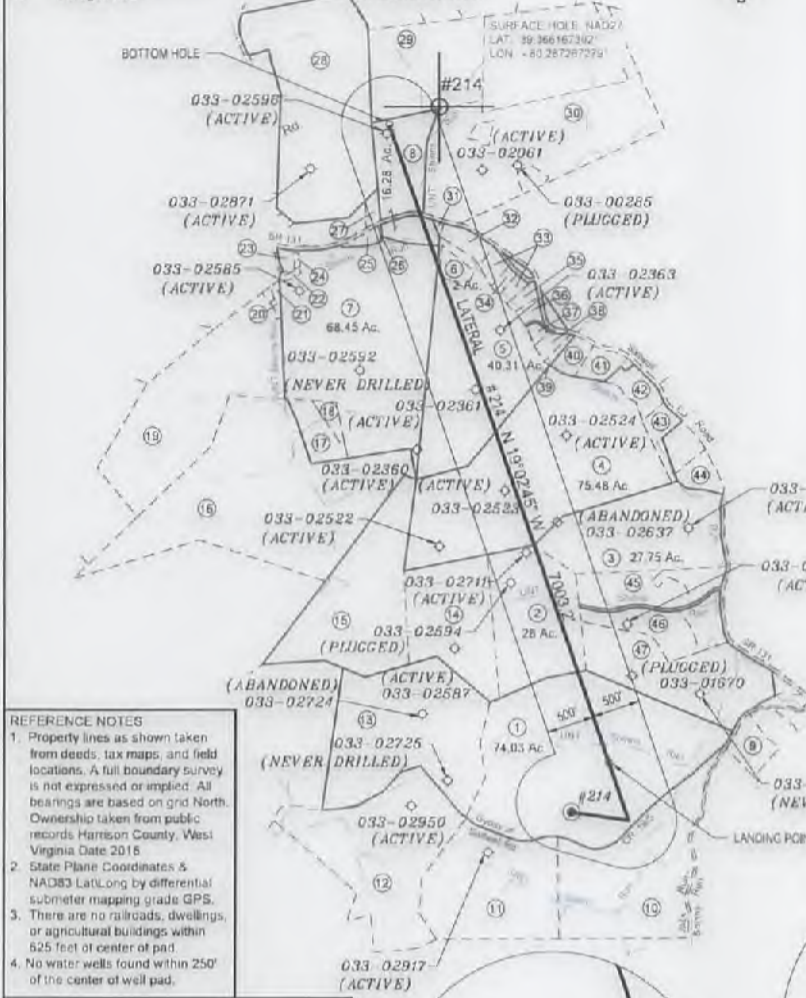
ID #	OWNER NAME	PARCEL NUMBER
1	Bradley A. & Vicky L. Griffin	05-0208-0131-0000
2	Humane Society of Harrison Co. Inc.	05-0208-0120-0000
3	Steven W. & Diana M. Campbell	05-0208-0123-0000
4	Terry W. Wright	05-0208-0067-0002
5	Terry W. Wright	05-0208-0050-0000
6	Terry W. Wright Jr. & Elizabeth J.	05-0208-0050-0010
7	Mary C. Slaughter (LE) (Robert J. Slaughter)	05-0208-0049-0000
8	Achages LLC	05-0208-0031-0000



(NAD83-WV) US SURVEY FT.	(NAD83-LAT/LONG) DECIMAL	UTM, (NAD83) METER
<b>TOP HOLE</b>	<b>TOP HOLE</b>	<b>TOP HOLE</b>
N) 316488.500	N) 39.366254802	N) 4357663.906
E) 1745979.200	E) -80.287076094	E) 561414.118
<b>LANDING POINT</b>	<b>LANDING POINT</b>	<b>LANDING POINT</b>
N) 317007.500	N) 39.367689022	N) 4357834.000
E) 1746368.000	E) -80.285716999	E) 561529.938
<b>BOTTOM HOLE</b>	<b>BOTTOM HOLE</b>	<b>BOTTOM HOLE</b>
N) 323627.300	N) 39.385807997	N) 4359829.229
E) 1744082.700	E) -80.294007004	E) 560800.092

ADJACINER SURFACE OWNERS

ID #	OWNER NAME	PARCEL NUMBER
9	McDowell James T & Mary F	05-0208-0133-0001
10	Mike Ross Inc. & Waco Oil & Gas Co.	05-0228-0006-0000
11	Mike Ross Inc. & Waco Oil & Gas Co.	05-0228-0005-0000
12	Minnie A. Bice Estate	05-0228-0013-0000
13	Mary Lou Garrett	05-0208-0130-0000
14	Humane Society of Harrison Co. Inc.	05-0208-0119-0000
15	Lucille Anderson Beulah ET AL	05-0208-0118-0000
16	Tom G. & Margaret B. Feaster	05-0208-0066-0000
17	Mathew F. Verona & Susan Marko	05-0208-0049-0001
18	Mathew F. Verona & Susan Marko	05-0208-0049-0003
19	Trustees of Shinnston Masonic Cemetery Assn.	05-0208-0044-0000
20	Randal E. & Kimberly C. Nazum	05-0208-0045-0001
21	Randal E. & Kimberly C. Nazum	05-0208-0045-0002
22	Vicky D. Taylor Wright & Hugh Clarence	05-0208-0049-0002
23	Robert Joseph Slaughter & Diane Deborah	05-0208-0049-0004
24	Robert Joseph Slaughter & Diane Deborah	05-0208-0049-0005
25	Clyde Radabaugh	05-0208-0046-0000
26	Clyde Radabaugh	05-0208-0047-0000
27	Clyde Radabaugh	05-0208-0029-0000
28	Rosemary Seamon ET AL	05-0208-0030-0000
29	Pamela & Jay McClelland	05-0188-0044-0000
30	Brenda J. & Barry McClain	05-0208-0032-0000
31	Terry W. Wright	05-0208-0031-0001
32	Cecil C. Spenser	05-0208-0050-0001
33	Stacy H. & Silvia A. Crites	05-0208-0050-0003
34	Tammy L. Crites	05-0208-0050-0007
35	Melissa A. Shanholz	05-0208-0050-0002
36	HK Storage LLC	05-0208-0050-0006
37	James Raymond & Lisa Renee Deems	05-0208-0050-0008
38	Paul F. & Barbara M. Deems	05-0208-0050-0009
39	James R. Deems	05-0208-0050-0004
40	Paul F. & Barbara M. Deems	05-0208-0051-0001
41	Paul F. & Barbara M. Deems	05-0208-0051-0002
42	B Square Properties LLC	05-0208-0067-0001
43	David S. Fakourey	05-0208-0067-0000
44	Richard J. Marks	05-0208-0068-0000
45	Humane Society of Harrison Co. Inc.	05-0208-0122-0000
46	Humane Society of Harrison Co. Inc.	05-0208-0121-0001
47	Joseph B. & Brandy L. Spadafora	05-0208-0132-0000

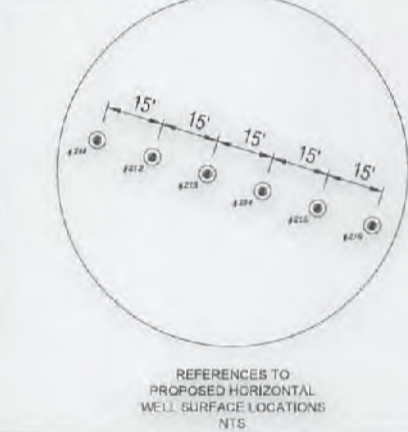
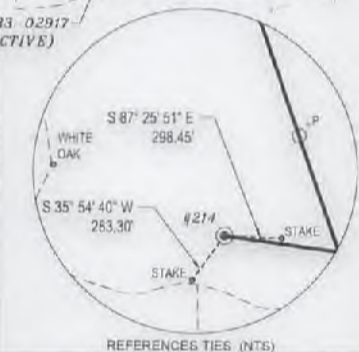


**REFERENCE NOTES**

- Property lines as shown taken from deeds, tax maps, and field locations. A full boundary survey is not expressed or implied. All bearings are based on grid North. Ownership taken from public records Harrison County, West Virginia Date 2015
- State Plane Coordinates & NAD83 Lat/Long by differential submeter mapping grade GPS.
- There are no railroads, dwellings, or agricultural buildings within 625 feet of center of pad.
- No water wells found within 250' of the center of well pad.

**LEGEND**

- PROPOSED WELL LATERAL
- PROPOSED WELL TIE LINE
- STREAM
- EXISTING ROAD
- BUFFER
- PROPERTY LINE
- MINERAL TRACT BOUNDARY
- PROPOSE WELL HEAD
- EXISTING WELL HEAD
- LANDING POINT/BOTTOM HOLE
- SURFACE OWNER



BOTTOM HOLE: NAD27  
 LAT. 39.385807997  
 LONG. -80.294007004

BOTTOM HOLE: NAD27  
 SHINNSTON GEOGRAPHIC QUADRANGLE  
 11,233' SOUTH OF LAT. 39° 25' 00"  
 760' WEST OF LONG. 80° 17' 30"

FILE#: 17078-006  
 SHEET#: 1 of 1  
 SCALE: 1" = 2000'  
 TICK SCALE: 1" = 2000'  
 MINIMUM DEGREE OF ACCURACY: 1/200

PROVEN SOURCE OF ELEVATION: WV-RTN CORS STATION

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 DEPARTMENT OF ENVIRONMENTAL PROTECTION.

Signed: *Herbert L. Parsons* 7-3-18  
 P.S. #2361: Herbert L. Parsons, III P.S.



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS  
 WVDEP  
 OFFICE OF OIL & GAS  
 601 57TH STREET  
 CHARLESTON, WV 25304

Well Type:  Oil  Waste Disposal  Production  Deep  
 Gas  Liquid Injection  Storage  Shallow

WATERSHED: WEST FORK  
 COUNTY / DISTRICT: HARRISON COUNTY CLAY-OUTSIDE DISTRICT  
 SURFACE OWNER: BRADLEY A. & VICKY L. GRIFFIN  
 OIL & GAS ROYALTY OWNER: SQUIRES, ALICE J., ROBERT, AROL C., VANCE L., LARRY & GARY, BERTSCHY BERYLDENE, GARRETT MARY LOU & WEST MONNA JO

DRILL  CONVERT  DRILL DEEPER  REDRILL  FRACTURE OR STIMULATE  
 PLUG OFF FORMATION  PERFORATE NEW FORMATION  PLUG & ABANDON  
 CLEAN OUT & REPLUG  OTHER CHANGE SPECIFY:

TARGET FORMATION: MARCELLUS  
 WELL OPERATOR: ARSENAL RESOURCES  
 ADDRESS: 6031 WALLACE ROAD EXTENSION # 300  
 CITY: WEXFORD STATE: PA ZIP: 15090

DATE: JULY 3, 2018

OPERATOR'S WELL #: GRIFFIN HC # 214

API WELL #: 47 033 05921 H6A  
 STATE COUNTY PERMIT

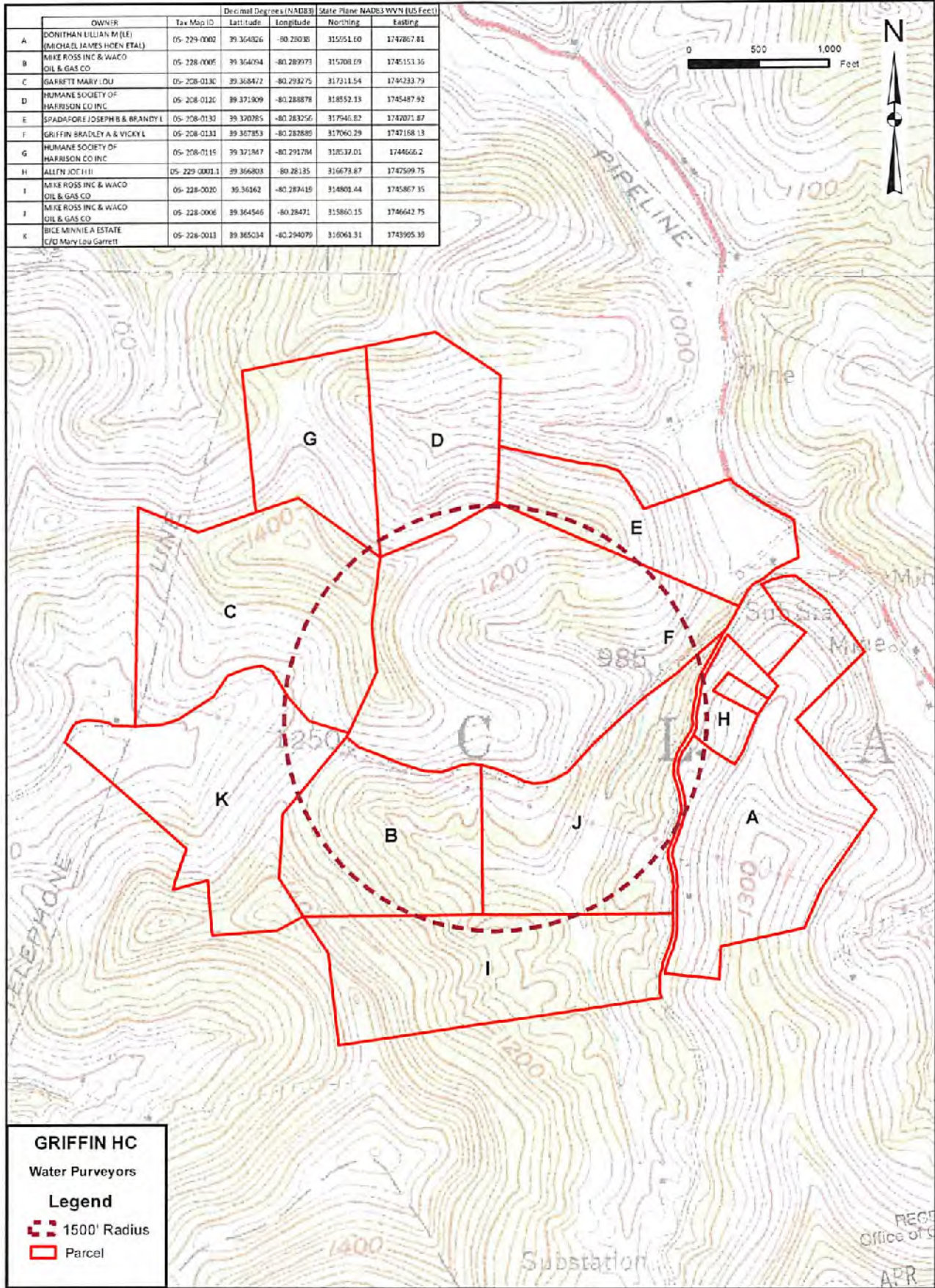
ELEVATION: 1243.5'  
 QUADRANGLE: CLARKSBURG, WV  
 ACREAGE: 74  
 ACREAGE: 332 ±

ESTIMATED DEPTH: TVD: 7535.5' TMD: 14980.7'  
 DESIGNATED AGENT: WILLIAM VEIGEL  
 ADDRESS: 65 PROFESSIONAL PLACE SUITE 200  
 CITY: BRIDGEPORT STATE: WV ZIP: 26330

07/13/2018



	OWNER	Tax Map ID	Decimal Degrees (NAD83)		State Plane NAD83 WVN (US Feet)	
			Latitude	Longitude	Northing	Easting
A	DONITHAN LILLIAN M (LE) (MICHAEL JAMES HOEN ETAL)	05-229-0002	39.364826	-80.23038	315951.60	1742867.81
B	MIKE ROSS INC & WACO OIL & GAS CO	05-228-0006	39.364954	-80.289973	315700.09	1745153.36
C	GARRETT MARY LOU	05-208-0130	39.368472	-80.293275	317211.54	1742233.79
D	HUMANE SOCIETY OF HARRISON CO INC	05-208-0120	39.371909	-80.288878	318552.13	1745487.92
E	SPADAFORE JOSEPH B & BRANDY I	05-208-0133	39.320785	-80.283256	317946.02	1742071.87
F	GRIFFIN BRADLEY A & VICKY L	05-208-0131	39.367853	-80.282889	317060.29	1747158.13
G	HUMANE SOCIETY OF HARRISON CO INC	05-208-0115	39.371867	-80.291704	318532.01	1744666.2
H	ALLIN JODI III	05-229-0001.1	39.366803	-80.28135	316673.87	1742599.75
I	MIKE ROSS INC & WACO OIL & GAS CO	05-228-0020	39.36362	-80.287419	314801.44	1745867.35
J	MIKE ROSS INC & WACO OIL & GAS CO	05-228-0006	39.364546	-80.28471	315860.15	1746642.75
K	RICE MINNIE A ESTATE C/O Mary Lou Garrett	05-228-0011	39.365234	-80.294079	316061.31	1743995.39



**GRIFFIN HC**  
**Water Purveyors**  
**Legend**  
 1500' Radius  
 Parcel

RECEIVED  
 Office of Oil and Gas  
 APR 6 2018

WV Department of  
 Environmental Protection  
 07/13/2018