

LATITUDE 39°27'30"

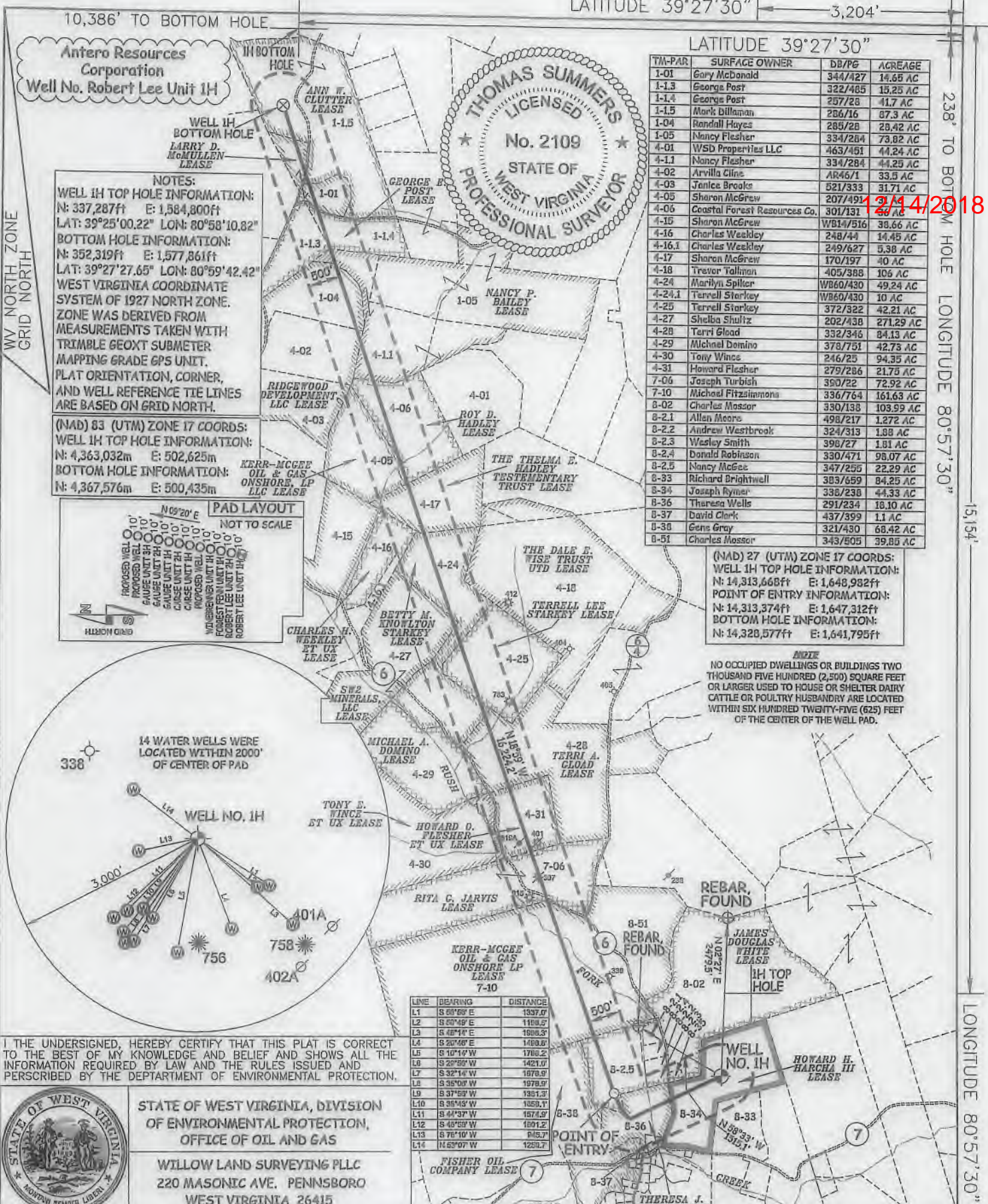
3,204'

LATITUDE 39°27'30"

238' TO BOTTOM HOLE

15,154'

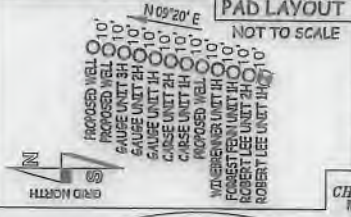
LONGITUDE 80°57'30"



TM-PAR	SURFACE OWNER	DB/PG	ACREAGE
1-01	Gary McDonald	344/427	14.66 AC
1-1.3	George Post	322/465	15.25 AC
1-1.4	George Post	257/28	41.7 AC
1-1.5	Mark Dillman	286/16	87.3 AC
1-04	Randall Hayes	285/28	28.42 AC
1-05	Nancy Flesher	334/284	73.82 AC
4-01	WSD Properties LLC	463/461	44.24 AC
4-1.1	Nancy Flesher	334/284	44.25 AC
4-02	Arvilla Cline	AR46/1	33.5 AC
4-03	Jenice Brooks	521/333	31.71 AC
4-05	Sharon McGrew	207/491	12.14 AC
4-06	Coastal Forest Resources Co.	301/131	28.7 AC
4-16	Sharon McGrew	WB14/516	38.66 AC
4-16.1	Charles Weakley	248/44	14.45 AC
4-17	Charles Weakley	249/627	5.38 AC
4-18	Sharon McGrew	170/197	40 AC
4-24	Trevor Tallman	405/388	106 AC
4-24.1	Marilyn Spitzer	WB60/430	49.24 AC
4-24.1	Terrell Starkey	WB60/430	10 AC
4-25	Terrell Starkey	372/322	42.21 AC
4-27	Shelba Shultz	202/438	271.29 AC
4-28	Terri Gload	332/346	84.13 AC
4-29	Michael Domino	378/751	42.73 AC
4-30	Tony Wince	246/25	94.35 AC
4-31	Howard Flesher	279/286	21.75 AC
7-06	Joseph Turbush	390/22	72.92 AC
7-10	Michael Fitzsimmons	336/764	161.63 AC
8-02	Charles Messer	330/138	103.99 AC
8-2.1	Allen Moore	498/217	1.272 AC
8-2.2	Andrew Westbrook	324/313	1.88 AC
8-2.3	Wesley Smith	398/27	1.81 AC
8-2.4	Donald Robinson	330/471	98.07 AC
8-2.5	Nancy McGee	347/255	22.29 AC
8-33	Richard Brightwell	383/559	84.25 AC
8-34	Joseph Rymer	338/238	44.33 AC
8-36	Theresa Wells	291/234	18.10 AC
8-37	David Clark	437/399	1.1 AC
8-38	Gens Gray	321/430	66.42 AC
8-51	Charles Messer	343/505	39.85 AC

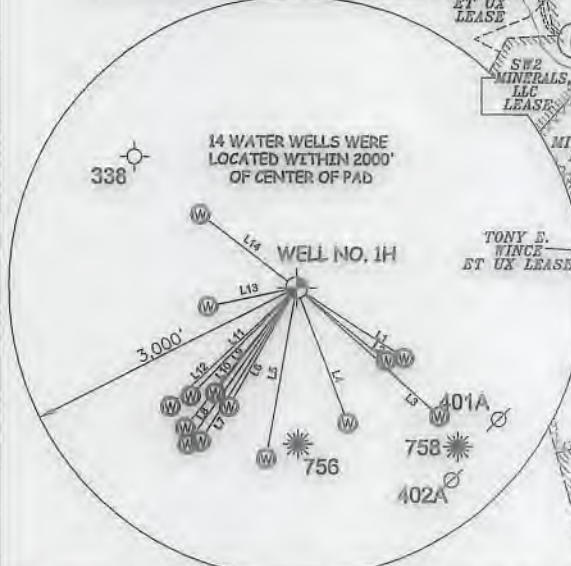
NOTES:  
 WELL 1H TOP HOLE INFORMATION:  
 N: 337,287ft E: 1,584,800ft  
 LAT: 39°25'00.22" LON: 80°58'10.82"  
 BOTTOM HOLE INFORMATION:  
 N: 352,319ft E: 1,577,861ft  
 LAT: 39°27'27.65" LON: 80°59'42.42"  
 WEST VIRGINIA COORDINATE SYSTEM OF 1927 NORTH ZONE. ZONE WAS DERIVED FROM MEASUREMENTS TAKEN WITH TRIMBLE 660XT SUBMETER MAPPING GRADE GPS UNIT. PLAT ORIENTATION, CORNER, AND WELL REFERENCE TIE LINES ARE BASED ON GRID NORTH.

(NAD) 83 (UTM) ZONE 17 COORDS:  
 WELL 1H TOP HOLE INFORMATION:  
 N: 4,363,032m E: 502,625m  
 BOTTOM HOLE INFORMATION:  
 N: 4,367,576m E: 500,435m



(NAD) 27 (UTM) ZONE 17 COORDS:  
 WELL 1H TOP HOLE INFORMATION:  
 N: 14,313,668ft E: 1,648,982ft  
 POINT OF ENTRY INFORMATION:  
 N: 14,313,374ft E: 1,647,312ft  
 BOTTOM HOLE INFORMATION:  
 N: 14,328,577ft E: 1,641,795ft

NOTE  
 NO OCCUPIED DWELLINGS OR BUILDINGS TWO THOUSAND FIVE HUNDRED (2,500) SQUARE FEET OR LARGER USED TO HOUSE OR SHELTER DAIRY CATTLE OR POULTRY HUSBANDRY ARE LOCATED WITHIN SIX HUNDRED TWENTY-FIVE (625) FEET OF THE CENTER OF THE WELL PAD.



LINE	BEARING	DISTANCE
L1	S 60°00' E	1337.0'
L2	S 60°49' E	1188.2'
L3	S 60°14' E	1588.3'
L4	S 20°00' E	1488.0'
L5	S 10°14' W	1788.2'
L6	S 20°00' W	1421.0'
L7	S 32°14' W	1678.9'
L8	S 35°00' W	1978.9'
L9	S 37°59' W	1391.3'
L10	S 35°43' W	1359.1'
L11	S 44°37' W	1574.9'
L12	S 45°00' W	1891.2'
L13	S 78°10' W	945.7'
L14	N 63°07' W	1239.2'

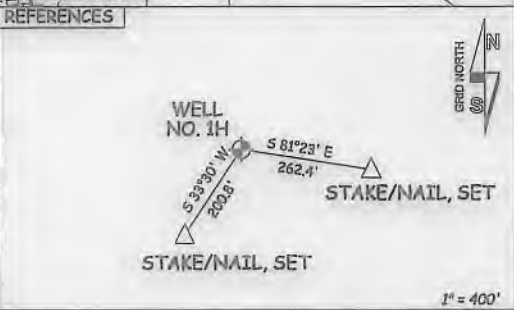
I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAN IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE RULES ISSUED AND PERSCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.



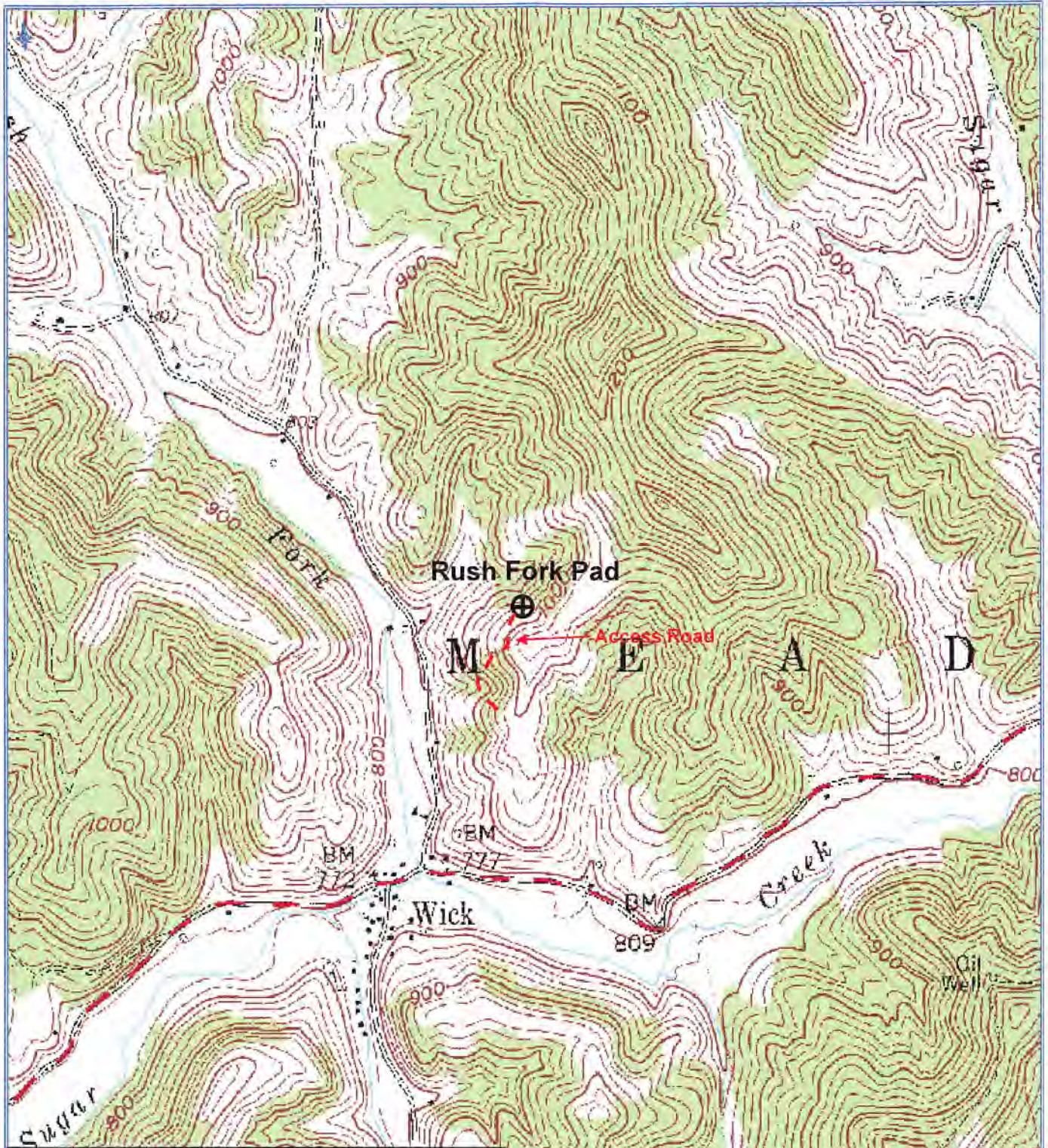
STATE OF WEST VIRGINIA, DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS  
 WILLOW LAND SURVEYING PLLC  
 220 MASONIC AVE. PENNSBORO WEST VIRGINIA 26415

JOB # 13-111WA  
 DRAWING # ROBERTLEE1HR  
 SCALE 1" = 2000'  
 MINIMUM DEGREE OF ACCURACY SUBMETER  
 PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS  
 STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY DIVISION OF OIL AND GAS

LEGEND  
 - - - - - Surface Owner Boundary Lines +/-  
 - - - - - Interior Surface Tracts +/-  
 ⊕ Existing Fence  
 ⊕ Found monument, as noted  
 THOMAS SUMMERS P.S. 2109  
 DATE 10/16/18  
 OPERATOR'S WELL# ROBERT LEE UNIT #1H



WELL TYPE: OIL GAS X LIQUID INJECTION WASTE DISPOSAL 47 095 02558  
 (IF "GAS") PRODUCTION X STORAGE DEEP SHALLOW X STATE COUNTY PERMIT  
 LOCATION: ELEVATION 986' - AS BUILT WATERSHED OUTLET MIDDLE ISLAND CREEK  
 QUADRANGLE MIDDLEBOURNE 7.5 DISTRICT MEADE COUNTY TYLER  
 SURFACE OWNER JOSEPH R. RYMER JR. ACREAGE 44.33 ACRES +/-  
 OIL & GAS ROYALTY OWNER HOWARD H. HARCHA III; THERESA J. WELLS; JAMES DOUGLAS WHITE; KERR-MCGEE OIL & GAS ONSHORE LP LEASE ACREAGE 44.33 AC ±; 17.5 AC ±; 134.53 AC ±; 201.0 AC ±;  
 RITA C. JARVIS; HOWARD O. FLESHER ET UX; TERRI A. GLOAD; BETTY M. KNOWLTON STARKEY; TERRELL LEE STARKEY; SW2 MINERALS, LLC; THE THELMA E. HADLEY TESTAMENTARY TRUST; 72.92 AC ±; 21.75 AC ±; 84.3 AC ±; 49.24 AC ±; 42.21 AC ±; 166.56 AC ±; 84.04 AC ±;  
 KERR-MCGEE OIL & GAS ONSHORE, LP; ROY D. HADLEY; NANCY P. BAILEY; RIDGEWOOD DEVELOPMENT, LLC; GEORGE E. POST; LARRY D. McMULLEN; ANN W. CLUTTER 31 AC ±; 36 AC ±; 127.67 AC ±; 35.36 AC ±; 216.7 AC ±; 14.65 AC ±; 87.3 AC ±  
 PROPOSED WORK: DRILL X CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE X  
 PLUG OFF OLD FORMATION PERFORATE NEW FORMATION X OTHER PHYSICAL CHANGE IN WELL  
 (SPECIFY) PLUG & ABANDON CLEAN OUT & REPLUG  
 TARGET FORMATION MARCELLUS ESTIMATED DEPTH 6,700' TVD 25,500' MD  
 WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT DIANNA STAMPER - CT CORPORATION SYSTEM  
 ADDRESS 1615 WYNKOOP ST. ADDRESS 5400 D BIG TYLER ROAD  
 FORM WW-6 DENVER, CO 80202 CHARLESTON, WV 25313



**Antero Resources Corporation**  
 Appalachian Basin  
 Rush Fork Pad  
 Doddridge County

Quadrangle: Middlebourne  
 Watershed: Middle Island Creek  
 District: Meade  
 Date: 8-13-2018

RECEIVED  
 Office of Oil and Gas  
 OCT 22 2018  
 WV Department of  
 Environmental Protection