

LATITUDE 39°20'00"

3,882'

LONGITUDE 80°40'00"

Antero Resources Corporation  
Well No. Trainer #1H

HFP LLC  
D.B. 283 PG. 503  
T.M. 9 PAR. 34  
84.75 AC. ±

CREED JONES ET AL LEASE

DENNIS S. POWELL  
D.B. 244 PG. 548  
T.M. 10 PAR. 25  
118.28 AC. ±

HFP LLC,  
D.B. 283 PG. 503  
T.M. 13 PAR. 5  
65 AC. ±

BRIAN D. LEMLEY & CHRISTIE M. LEMASTER ET AL  
D.B. 281 PG. 691  
T.M. 13 PAR. 35  
2.2 AC. ±

DEPI LEASE

BRIAN D. LEMLEY & CHRISTIE M. LEMASTER ET AL  
D.B. 281 PG. 691  
T.M. 13 PAR. 11.2  
50 AC. ±

MARIETTE LEMLEY ET AL LEASE

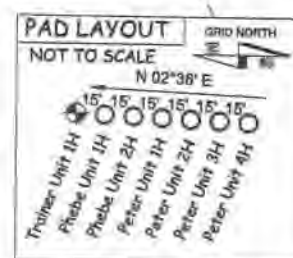
BRIAN D. LEMLEY & CHRISTIE M. LEMASTER ET AL  
D.B. 281 PG. 691  
T.M. 13 PAR. 11  
59.08 AC. ±

WELL NO. 2H  
BOTTOM HOLE

BRIAN D. LEMLEY & CHRISTIE M. LEMASTER ET AL  
D.B. 281 PG. 691  
T.M. 13 PAR. 11.3  
5.59 AC. ±

DANNY MARSHALL ET AL  
D.B. 216 PG. 543  
T.M. 13 PAR. 20  
47.875 AC. ±

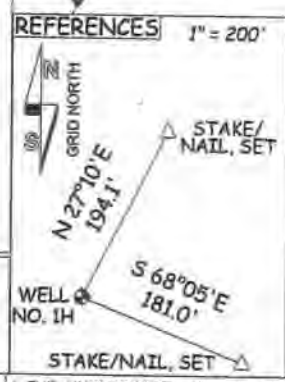
BRIAN D. LEMLEY & CHRISTIE M. LEMASTER ET AL  
D.B. 284 PG. 11  
T.M. 13 PAR. 11.1  
66.5 AC. ±



NOTES  
1. 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. THERE ARE NO WATER WELLS OR DEVELOPED SPRINGS WITHIN 250 FEET OF THE PROPOSED WELL.  
2. LEASE BOUNDARY AND BEARINGS AND DISTANCES SHOWN HEREON ARE TAKEN FROM RITCHIE COUNTY DEED BOOK 407 AT PAGE 397.

(NAD) 27 (UTM) ZONE 17 COORDS:  
WELL 1H TOP HOLE INFORMATION:  
N: 14,280,923ft E: 1,730,800ft  
POINT OF ENTRY INFORMATION:  
N: 14,280,905ft E: 1,730,739ft  
BOTTOM HOLE INFORMATION:  
N: 14,280,137ft E: 1,731,001ft

NOTES:  
WELL 1H TOP HOLE INFORMATION:  
N: 303,171ft E: 1,666,089ft  
LAT: 39°19'34.90" LON: 80°40'49.39"  
BOTTOM HOLE INFORMATION:  
N: 302,381ft E: 1,666,276ft  
LAT: 39°19'27.11" LON: 80°40'46.88"  
WEST VIRGINIA COORDINATE SYSTEM OF 1927 NORTH ZONE. ZONE WAS DERIVED FROM MEASUREMENTS TAKEN WITH TRIMBLE GEOXT 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: 4,353,052m E: 527,564m  
BOTTOM HOLE INFORMATION:  
N: 4,352,813m E: 527,625m

JOB # 21-005WA  
DRAWING # TRAINER1H  
SCALE 1" = 500'  
MINIMUM DEGREE OF ACCURACY SUBMETER  
PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS

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 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

LEGEND  
- - - Surface Owner Boundary Lines +/-  
- - - Adjoining Surface Tracts +/-  
⊕ Found monument, as noted  
THOMAS SUMMERS P.S. 2109

DATE 05/19/22  
OPERATOR'S WELL# TRAINER#1H  
API WELL # 47 - 017 - 06939

STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY DIVISION OF OIL AND GAS

WELL TYPE: OIL \_\_\_ GAS X LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_  
(IF "GAS") PRODUCTION X STORAGE \_\_\_ DEEP \_\_\_ SHALLOW X  
LOCATION: ELEVATION 1,304' AS BUILT WATERSHED MCELROY CREEK

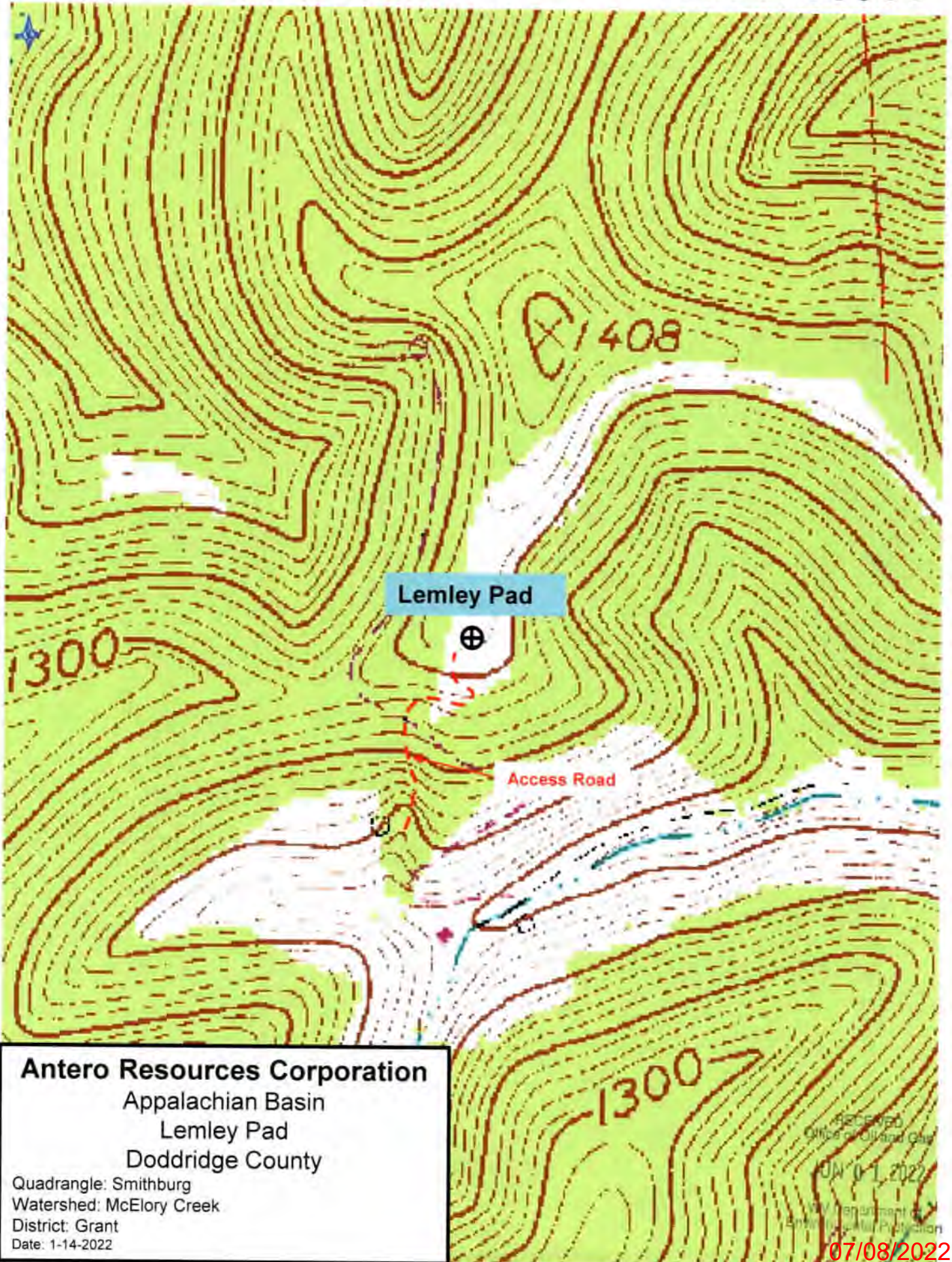
QUADRANGLE SMITHBURG 7.5 DISTRICT GRANT COUNTY DODDRIDGE  
SURFACE OWNER BRIAN D. LEMLEY & CHRISTIE M. LEMASTER ET AL ACREAGE 59.08 ACRES +/-  
OIL & GAS ROYALTY OWNER MARIETTE LEMLEY ET AL; DEPI LEASE ACREAGE 66.87 AC ± 137 AC ±

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 \_\_\_ ESTIMATED DEPTH 7,700' TVD 9,300' MD

TARGET FORMATION MARCELLUS  
WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT DIANNA STAMPER  
ADDRESS 1615 WYNKOOP STREET ADDRESS 5400 D BIG TYLER ROAD

DENVER, CO 80202 CHARLESTON, WV 25313

07/08/2022



Lemley Pad

Access Road

**Antero Resources Corporation**

Appalachian Basin

Lemley Pad

Doddridge County

Quadrangle: Smithburg

Watershed: McElory Creek

District: Grant

Date: 1-14-2022

RECEIVED  
Office of Oil and Gas

JUN 01 2022

Department of  
Environmental Protection

07/08/2022