

LATITUDE 39°20'00"

4,824'

TO BOTTOM HOLE  
LATITUDE 39°22'30"

LONGITUDE 80°42'30" 12,839' TO BOTTOM HOLE  
LONGITUDE 80°42'30"

Antero Resources Corporation  
Well No. Telstar Unit 2H

WELL NO. 2H  
BOTTOM HOLE

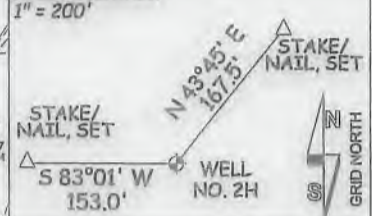
LEWIS M. WILLIAMS  
ET AL LEASE

SAMELA A. HEDENMOTHAN  
W.S. 41 PG. 67  
T.J.L. 03 PAR. 05  
142.44 AC. ±

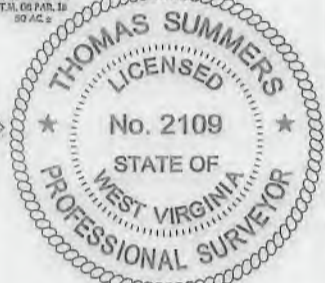
NOTES:  
WELL 2H TOP HOLE INFORMATION:  
N: 298,991ft E: 1,653,302ft  
LAT: 39°18'51.90" LON: 80°43'31.38"  
BOTTOM HOLE INFORMATION:  
N: 308,253ft E: 1,650,853ft  
LAT: 39°20'23.10" LON: 80°44'04.15"  
WEST VIRGINIA COORDINATE  
SYSTEM OF 1927 NORTH ZONE  
ZONE WAS DERIVED FROM  
MEASUREMENTS TAKEN 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 2H TOP HOLE INFORMATION:  
N: 4,351,714m E: 523,689m  
BOTTOM HOLE INFORMATION:  
N: 4,354,523m E: 522,896m

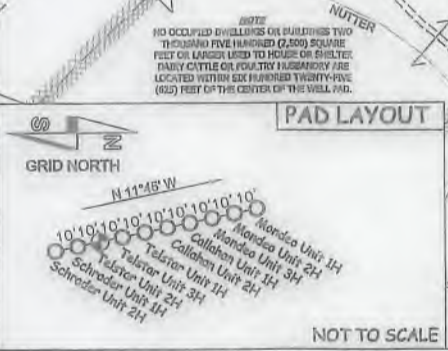
REFERENCES  
1" = 200'



(NAD) 27 (UTM) ZONE 17 COORDS:  
WELL 2H TOP HOLE INFORMATION:  
N: 14,276,533ft E: 1,718,089ft  
POINT OF ENTRY INFORMATION:  
N: 14,276,729ft E: 1,718,409ft  
BOTTOM HOLE INFORMATION:  
N: 14,285,749ft E: 1,715,487ft



THOMAS SUMMERS P.S. 2109  
DATE 09/20/18  
OPERATOR'S WELL# TELSTAR UNIT #1H  
API WELL # 47 - 017 - 06881  
STATE COUNTY PERMIT



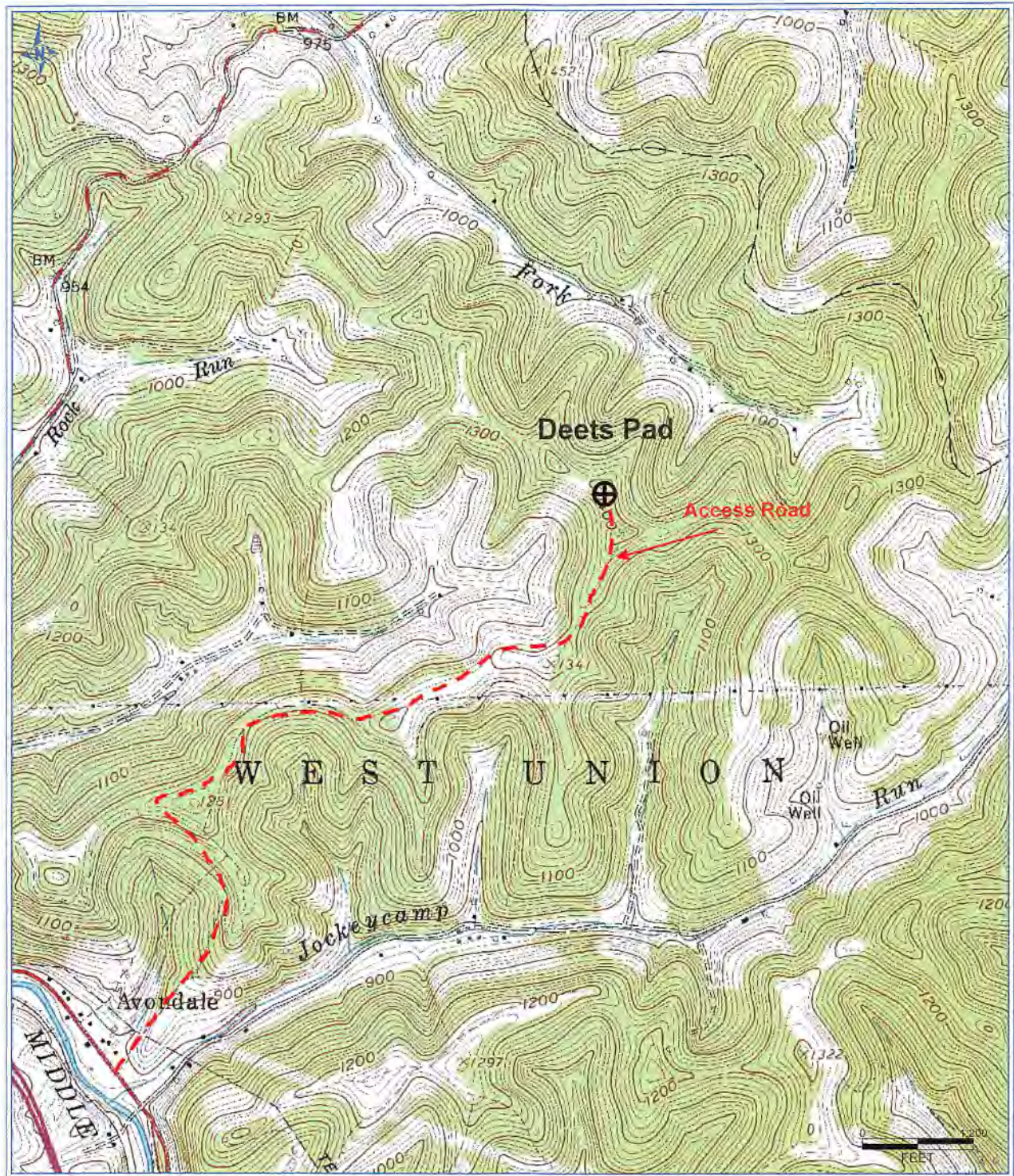
JOB # 17-026WA  
DRAWING # TELSTAR2HR  
SCALE 1" = 1000'  
MINIMUM DEGREE OF ACCURACY SUBMETER  
PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS  
STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY DIVISION OF OIL AND GAS

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

WELL TYPE: OIL \_\_\_ GAS X LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_  
(IF "GAS") PRODUCTION X STORAGE \_\_\_ DEEP \_\_\_ SHALLOW X  
LOCATION: ELEVATION 1,422'-ORIGINAL 1,376'-PROPOSED WATERSHED HEADWATERS MIDDLE ISLAND CREEK  
QUADRANGLE SMITHBURG 7.5' DISTRICT WEST UNION COUNTY DODDRIDGE  
SURFACE OWNER MARY E. DEETS AND/OR PAUL A. SMITH ACREAGE 53.29 ACRES +/- AND/OR 175.78 ACRES +/-  
OIL & GAS ROYALTY OWNER T.G. BAKER ET AL; JOHNSON B. SMITH ET UX; P.B. McCLAIN ET UX; LEASE ACREAGE 54 ACRES±; 180 ACRES±; 200 ACRES±;  
JOHNSON WILLIAMS; EDGAR DAVISSON ET UX; JOHN MCKINNEY ET AL; GEORGE BENTON WHITE; C. HOWARD KNIGHT ET AL 105.5 ACRES±; 230 ACRES±; 73 ACRES±; 75 ACRES±; 54 ACRES±  
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 7,600' TVD 18,000' MD  
WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT DIANNA STAMPER  
ADDRESS 1615 WYNKOOP STREET ADDRESS 5400 D BIG TYLER ROAD  
FORM WW-6 DENVER, CO 80202 CHARLESTON, WV 25313



RECEIVED  
Office of Oil and Gas  
SEP 24 2018  
www.doe.state.wv.gov  
Environmental Protection

**Antero Resources Corporation**  
Appalachian Basin  
Telstar Unit 2H  
Doddridge County  
Quadrangle: West Union  
Watershed: Middle Island Creek  
District: West Union  
Date: 3-20-2017