

LATITUDE 39°20'00"

4,822'

6,110' TO BOTTOM HOLE

LATITUDE 39°22'30"

LONGITUDE 80°42'30"

12,162' TO BOTTOM HOLE

6,901'

LONGITUDE 80°42'30"

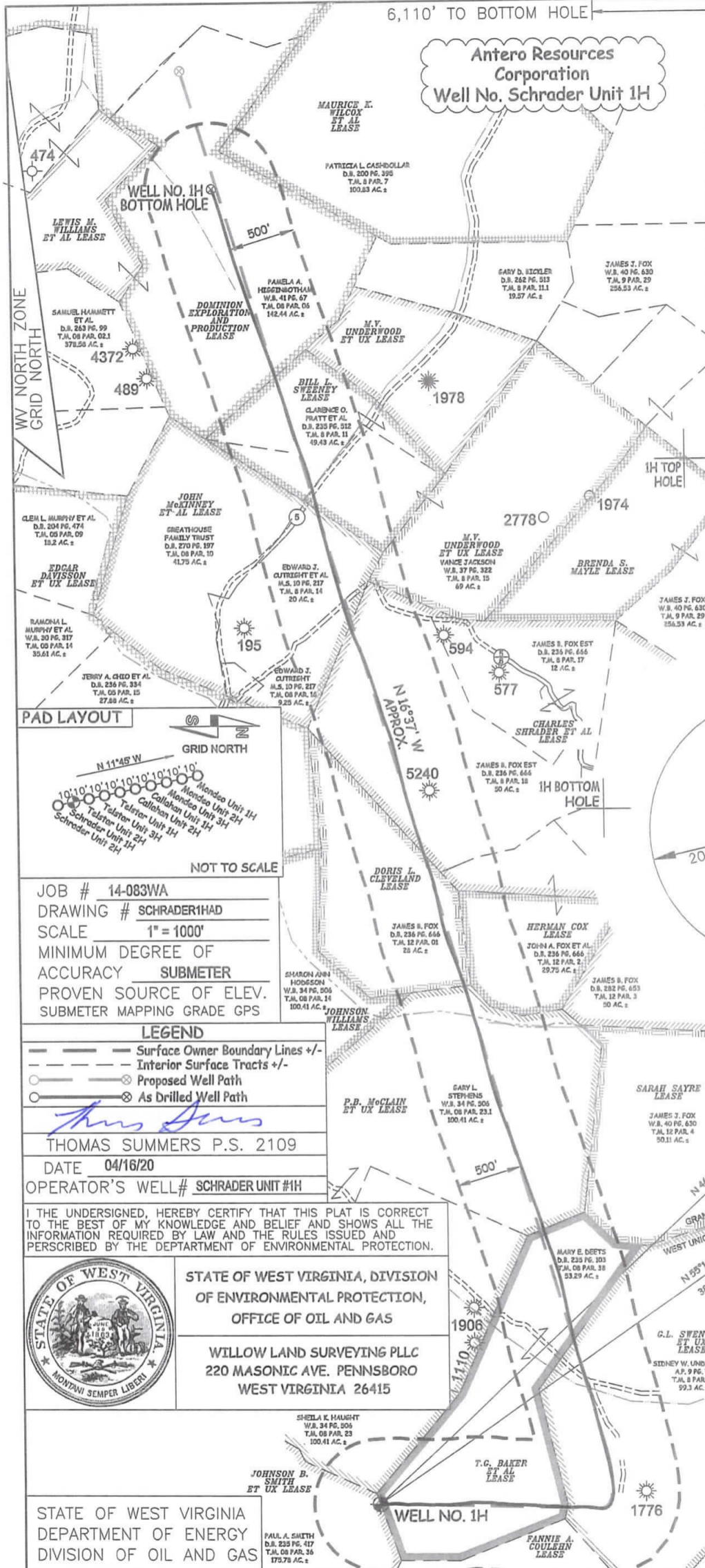
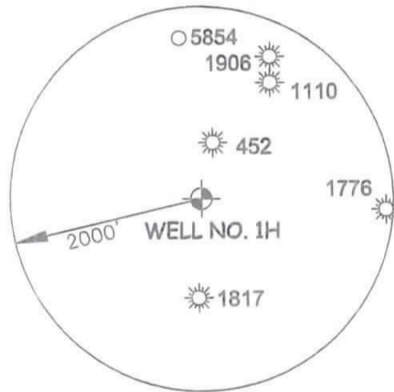
Antero Resources Corporation Well No. Schrader Unit 1H

AS DRILLED DATA:
WELL 1H TOP HOLE INFORMATION:
 N: 298,981ft E: 1,653,304ft
 LAT: 39°18'51.80" LON: 80°43'31.35"
BOTTOM HOLE INFORMATION:
 N: 308,913ft E: 1,652,149ft
 LAT: 39°20'29.80" LON: 80°43'47.77"
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.

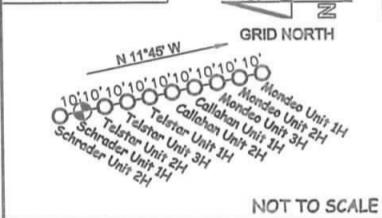
(NAD) 83 (UTM) ZONE 17 COORDS:
WELL 1H TOP HOLE INFORMATION:
 N: 4,351,711m E: 523,690m
BOTTOM HOLE INFORMATION:
 N: 4,354,731m E: 523,288m

- NOTE**
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.
 2. TOP HOLE DATA SHOWN HEREON WAS PROVIDED BY ANTERO RESOURCES CORPORATION.
 3. AS DRILLED DATA WAS PROVIDED BY ANTERO RESOURCES CORPORATION.
 4. WLS IS NOT CERTIFYING THE DATA AND INFORMATION PROVIDED LISTED IN NOTES 2 AND 3, ONLY THE RELATIONSHIP TO THE DATA AND INFORMATION PROVIDED TO THE LEASE BOUNDARIES.
 5. WLS IS BY NO MEANS RESPONSIBLE FOR ANY ERRORS OR INACCURACIES WITH THE DATA AND INFORMATION THAT HAS BEEN PROVIDED.

NOTE:
 NO WATER WELLS WERE LOCATED WITHIN 2000' OF PROPOSED WELL.



PAD LAYOUT



JOB # 14-083WA
 DRAWING # SCHRADER1HAD
 SCALE 1" = 1000'
 MINIMUM DEGREE OF ACCURACY SUBMETER
 PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS

- LEGEND**
- Surface Owner Boundary Lines +/-
 - - - Interior Surface Tracts +/-
 - Proposed Well Path
 - ⊗ As Drilled Well Path

THOMAS SUMMERS P.S. 2109
 DATE 04/16/20
 OPERATOR'S WELL# SCHRADER UNIT #1H

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

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

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WELL TYPE: OIL	GAS	X LIQUID INJECTION	WASTE DISPOSAL	(IF GAS) PRODUCTION	X STORAGE	DEEP	X SHALLOW
LOCATION: ELEVATION	1,376'	-AS BUILT	WATERSHED HEADWATERS MIDDLE ISLAND CREEK QUADRANGLE SMITHBURG 7.5' DISTRICT WEST UNION COUNTY DODDRIDGE	ACREAGE	53.29 ACRES +/- AND/OR 175.78 ACRES +/-		
SURFACE OWNER	MARY E. DEETS AND/OR PAUL A. SMITH						
OIL & GAS ROYALTY OWNER	JOHN B. SMITH ET UX; T.G. BAKER ET AL; G.L. SWENTZEL ET UX; P.B. McCLAIN ET UX; LEASE ACREAGE 180 AC.±; 54 AC.±; 1033 AC.±; 150 AC.±; 27.29 AC.±; 230 AC.±; 73 AC.±; 44.45 AC.±; 224 AC.±						
PROPOSED WORK:	DRILL	CONVERT	DRILL DEEPER	REDRILL	FRACTURE OR STIMULATE	PLUG OFF OLD FORMATION	
PERFORM NEW FORMATION	OTHER PHYSICAL CHANGE IN WELL (SPECIFY) AS DRILLED PLUG & ABANDON CLEAN OUT & REPLUG						
TARGET FORMATION	MARCELLUS						
ESTIMATED DEPTH	7,182' TVD 17,486' MD						
DESIGNATED AGENT	DIANNA STAMPER - CT CORPORATION SYSTEM						
WELL OPERATOR	ANTERO RESOURCES CORP.						
ADDRESS	1615 WYNKOOP STREET DENVER, CO 80202						
ADDRESS	5400 D BIG TYLER ROAD CHARLESTON, WV 25313						
API WELL #	47	017	06877				
STATE	COUNTY	PERMIT					

