

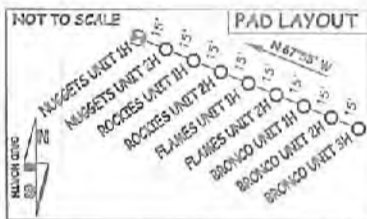
Antero Resources Corporation
Well No. Nuggets Unit 1H

NOTES:
WELL 1H TOP HOLE INFORMATION:
N: 331,272ft E: 1,635,516ft
LAT: 39°24'08.47" LON: 80°47'23.55"
BOTTOM HOLE INFORMATION:
N: 333,438ft E: 1,631,815ft
LAT: 39°24'29.35" LON: 80°48'11.09"
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: 4,361,458m E: 518,107m
BOTTOM HOLE INFORMATION:
N: 4,362,099m E: 516,968m

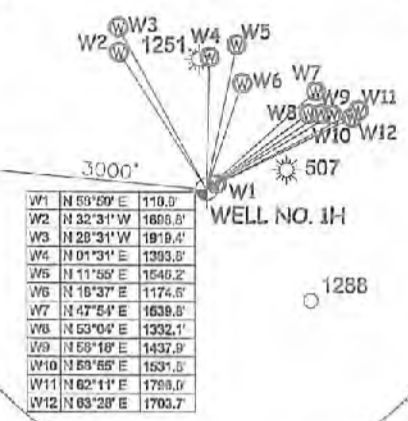
(NAD) 27 (UTM) ZONE 17 COORDS:
WELL 1H TOP HOLE INFORMATION:
N: 14,308,501ft E: 1,699,774ft
POINT OF ENTRY INFORMATION:
N: 14,307,793ft E: 1,696,947ft
BOTTOM HOLE INFORMATION:
N: 14,310,604ft E: 1,696,039ft

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.



TA-Per	Surface Owner	15-20.3	16-7.8	Blattner & Howard LLC	16-20.5		
10-14	Charlene Garrison	15-28.4	George Hamilton	16-00	Jane Griffin	16-20.6	Timothy Spencer
10-20	Kenneth Mason	15-29	Mitchell Herrick	16-8.1	Roger Griffin	16-20.7	Timothy Spencer
10-21	Kenneth Mason	15-31	Roger Weese	16-8.2	Roger Griffin	16-11	Susan Spencer
15-14	Everett Weese	15-32	Everett Weese	16-8.3	Brian Eddy	19-01	Susan Spencer
15-21	Robert Jernigan	15-33	Everett Weese	16-09	Jamie Straight	19-02	Antero Resources Corp.
15-22	Joe Kimball	15-43	Robert Kocher	16-17	Charles Straight	19-03	Larry Stevens
15-23	Kenneth Kline	16-07	Robert Kocher	16-17.1	Charles Straight	19-04	John Owsen
15-24	Rosemary Haught	16-7.2	Danna Drumboach	16-17.2	Rodney Tippins	19-05	Paul Weasley
15-25	William Roberts	16-7.3	Mary Blattner	16-17.3	Charles Kimball	19-06	Paul Weasley
15-25.1	Daniel Hadley	16-7.4	Donald Moore	16-20	Susan Spencer	19-07	Patricia Montgomery
15-25.2	William Roberts	16-7.5	Robert Kocher	16-20.1	Susan Spencer	19-08	John Lewis Jr.
15-28	George Hamilton	16-7.6	Robert Kocher	16-20.2	Gary Nichols	19-09	Robert Walsh
15-28.1	Everett Weese	16-7.7	Robert Kocher	16-20.3	Gary Nichols	19-18	Lloyd Tallington
15-28.2	Marvin Kimball						

NOTE:
12 WATER WELLS WERE LOCATED WITHIN 2000' OF THE PROPOSED WELL



Well	N	E
W1	N 69°59' E	119.0'
W2	N 32°31' W	1808.6'
W3	N 28°31' W	1919.4'
W4	N 01°31' E	1393.8'
W5	N 11°58' E	1546.2'
W6	N 16°37' E	1174.8'
W7	N 47°54' E	1639.8'
W8	N 53°04' E	1332.1'
W9	N 58°18' E	1437.9'
W10	N 69°56' E	1531.5'
W11	N 62°11' E	1788.0'
W12	N 63°28' E	1703.7'

WV NORTH ZONE GRID NORTH

5,214'
3,102' TO BOTTOM HOLE
LONGITUDE 80°45'00"
LONGITUDE 80°47'30"

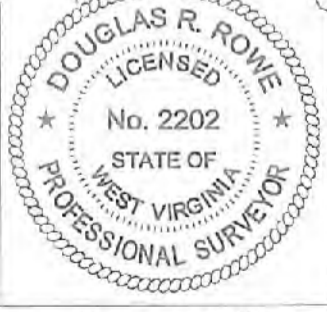
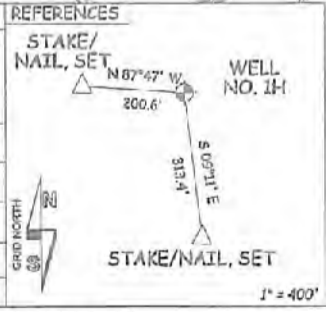
I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE RULES ISSUED AND PERSCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION



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

JOB # 19-023WA
DRAWING # NUGGETS 1HSHORT
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
X Found monument, as noted
DOUGLAS R. ROWE P.S. 2202
DATE 09/23/19
OPERATOR'S WELL# NUGGETS UNIT #1H



WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___ 47 - 095 - 02656
(IF "GAS") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X STATE COUNTY PERMIT
LOCATION: ELEVATION 754' - ORIGINAL 748.5' - PROPOSED WATERSHED McELROY CREEK
QUADRANGLE SHIRLEY 7.5 DISTRICT McELROY COUNTY TYLER
SURFACE OWNER ANTERO RESOURCES CORPORATION ACREAGE 127.86 ACRES +/-
OIL & GAS ROYALTY OWNER B.F. REED ET UX; KENNETH C. ORR ET AL; SUSAN L. SPENCER ET VIR; IFASE ACREAGE 130 AC +/- 85 AC +/- 53 AC +/-
JOANNA LYNN HERNANDEZ; WILLIAM H. UNDERWOOD 99.5 AC +/- 81.25 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 6,800' TVD 13,500' MD
WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT DIANNA STAMPER - CT CORPORATION SYSTEM
ADDRESS 1615 WYNKOOP ST. ADDRESS 5400 D BIG TYLER ROAD
DENVER, CO 80202 CHARLESTON, WV 25313

COUNTY NAME
PERMIT