

Antero Resources Corporation
Appalachian Basin
Vishnu Unit 1H - Grand Pad
Tyler County

Quadrangle: Porter Falls
Watershed: Outlet Middle Island Creek
District: Ellsworth
Date: 1-03-2020



LATITUDE 39°32'30"

5,367'

5,568' TO BOTTOM HOLE

Antero Resources Corporation Well No. Vishnu Unit #1H

(NAD) 27 (UTM) ZONE 17 COORDS:
 WELL 1H TOP HOLE INFORMATION:
 N: 14,346,650ft E: 1,693,814ft
 POINT OF ENTRY INFORMATION:
 N: 14,346,540ft E: 1,694,019ft
 BOTTOM HOLE INFORMATION:
 N: 14,347,736ft E: 1,693,611ft

WV NORTH ZONE
GRID NORTH

11,481' TO BOTTOM HOLE

12,568'

LONGITUDE 80°47'30"

ALFRED STEELE
 D.B. 228 PG. 369
 T.M. 16 PAR. 17
 55.13 AC. ±

HARVEY MILLER
 D.B. 500 PG. 536
 T.M. 16 PAR. 15
 65 AC. ±

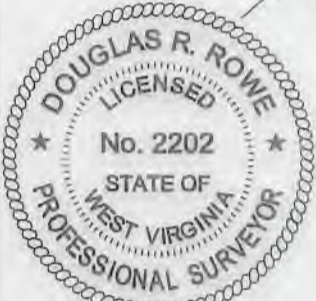
MICHAEL TOMBLIN
 D.B. 244 PG. 411
 T.M. 16 PAR. 29
 55 AC. ±

BARBARA KITTLE
 D.B. 336 PG. 677
 T.M. 16 PAR. 26
 67.31 AC. ±

S. A. SMITH AND
 C. B. MORRIS HEIRS
 TRUST LEASE

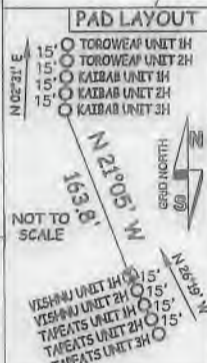
KENNETH TOMBLIN
 D.B. 244 PG. 413
 T.M. 16 PAR. 28
 290.32 AC. ±

GILBERT EDDY
 W.B. 22 PG. 44
 T.M. 16 PAR. 27
 92.25 AC. ±

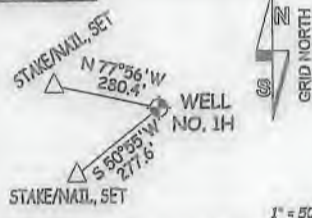


NOTES:
 WELL 1H TOP HOLE INFORMATION:
 N: 369,527ft E: 1,630,192ft
 LAT: 39°30'25.79" LON: 80°48'38.48"
 BOTTOM HOLE INFORMATION:
 N: 370,617ft E: 1,630,006ft
 LAT: 39°30'36.53" LON: 80°48'41.05"
 WEST VIRGINIA COORDINATE SYSTEM OF 1927 NORTH ZONE. ZONE WAS DERIVED FROM MEASUREMENTS TAKEN WITH TRIMBLE GEOXT SUBMETER MAPPING GRADE GPS UNIT. PLAT ORIENTATION, CORNER, AND WELL REFERENCE TIE LINES ARE BASED ON GRID NORTH.

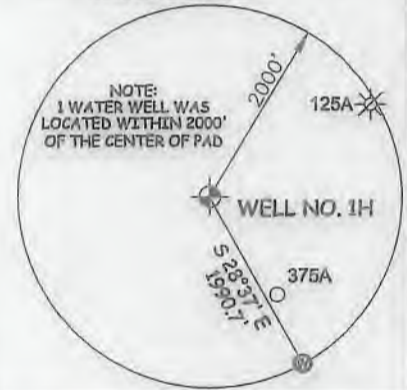
(NAD) 83 (UTM) ZONE 17 COORDS:
 WELL 1H TOP HOLE INFORMATION:
 N: 4,373,085m E: 516,290m
 BOTTOM HOLE INFORMATION:
 N: 4,373,416m E: 516,228m



REFERENCES



- 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 TYLER COUNTY DEED BOOK 244 AT PAGE 413.



LEGEND

- Surface Owner Boundary Lines +/-
- Adjoining Surface Tracts +/-
- Found monument, as noted

DOUGLAS R. ROWE P.S. 2202

DATE 09/15/20

OPERATOR'S WELL# VISHNU UNIT #1H

API WELL # 47 - 095 - 02716 HGA

STATE COUNTY PERMIT

WATERSHED OUTLET MIDDLE ISLAND CREEK

QUADRANGLE PORTER FALLS 7.5' DISTRICT ELLSWORTH COUNTY TYLER

SURFACE OWNER KENNETH TOMBLIN ET AL ACREAGE 290.32 ACRES +/-

OIL & GAS ROYALTY OWNER S. A. SMITH AND C. B. MORRIS HEIRS TRUST LEASE ACREAGE 290.32 ACRES ±

PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR

STIMULATE PLUG OFF OLD FORMATION PERFORATE NEW FORMATION

OTHER PHYSICAL CHANGE IN WELL (SPECIFY)

PLUG & ABANDON CLEAN OUT & REPLUG ESTIMATED DEPTH 7,300' TVD 9,200' MD

TARGET FORMATION MARCELLUS DIANNA STAMPER

WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT CT CORPORATION SYSTEM

ADDRESS 1615 WYNKOOP STREET ADDRESS 5400 D BIG TYLER ROAD

DENVER, CO 80202 CHARLESTON, WV 25313



STATE OF WEST VIRGINIA, DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS

WILLOW LAND SURVEYING PLLC
 266 HUSHERS RUN RD PENNSBORO WEST VIRGINIA 26415

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

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL DEEP SHALLOW

(IF "GAS") PRODUCTION STORAGE LOCATION: ELEVATION ORIGINAL - 1,268' PROPOSED - 1,243'

SURFACE OWNER KENNETH TOMBLIN ET AL ACREAGE 290.32 ACRES +/-

OIL & GAS ROYALTY OWNER S. A. SMITH AND C. B. MORRIS HEIRS TRUST LEASE ACREAGE 290.32 ACRES ±

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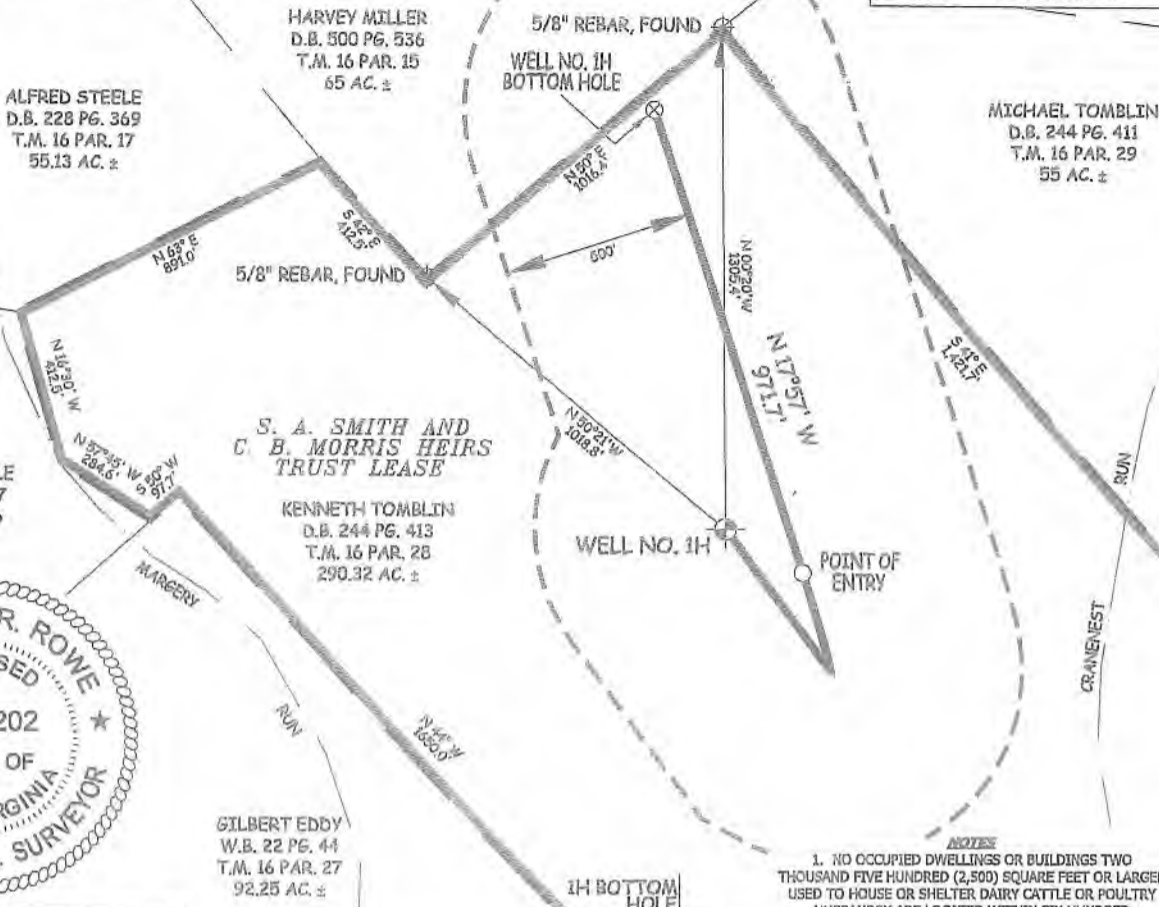
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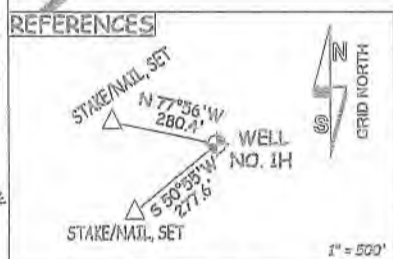
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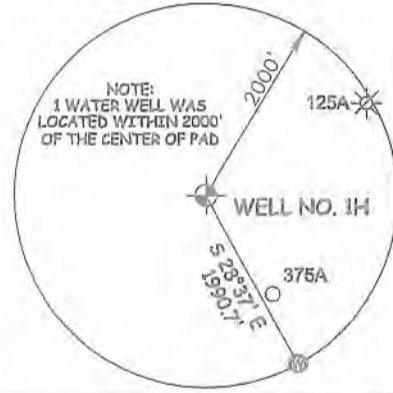


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JOB # 20-002WA
 DRAWING # VISHNU1HSHORT
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY SUBMETER
 PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS

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
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D. Rowe
 DOUGLAS R. ROWE P.S. 2202

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DATE 09/15/20
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COUNTY NAME PERMIT