

LATITUDE 39°15'00"

11,306'

6,073' TO BOTTOM HOLE

LATITUDE 39°15'00"

LONGITUDE 80°50'00"

4,146'

LONGITUDE 80°50'00"

LONGITUDE 80°50'00"

LONGITUDE 80°50'00"

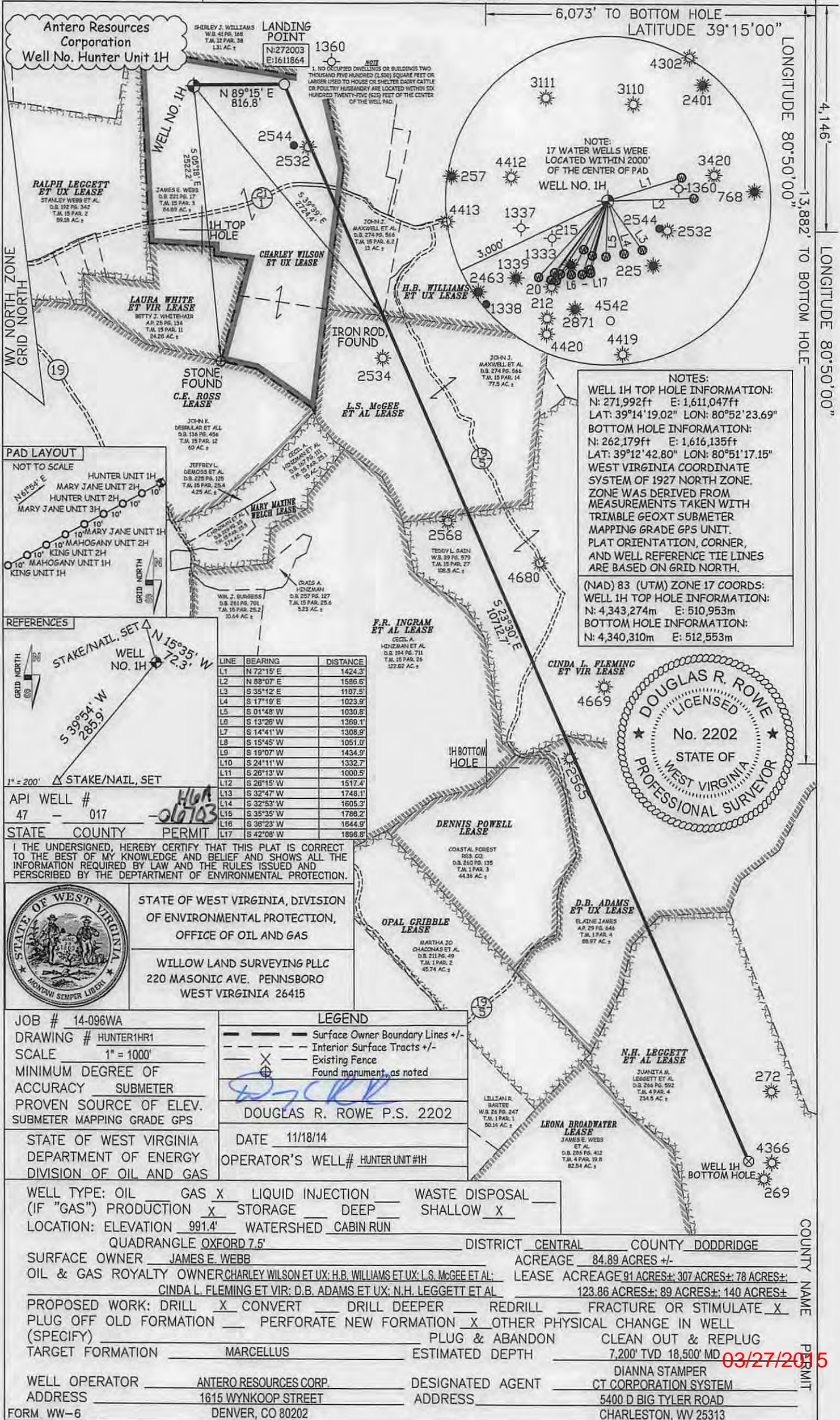
LONGITUDE 80°50'00"

LONGITUDE 80°50'00"

LONGITUDE 80°50'00"

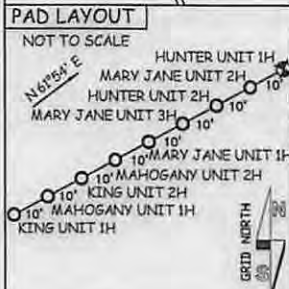
LONGITUDE 80°50'00"

LONGITUDE 80°50'00"



NOTES:
 WELL 1H TOP HOLE INFORMATION:
 N: 271,992ft E: 1,611,047ft
 LAT: 39°14'19.02" LON: 80°52'23.69"
 BOTTOM HOLE INFORMATION:
 N: 262,179ft E: 1,616,135ft
 LAT: 39°12'42.80" LON: 80°51'17.15"
 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 1H TOP HOLE INFORMATION:
 N: 4,343,274m E: 510,953m
 BOTTOM HOLE INFORMATION:
 N: 4,340,310m E: 512,553m



REFERENCES

STAKE/NAIL, SET
 WELL NO. 1H
 N 15°35' W 72.3'
 S 39°54' W 289.9'

LINE	BEARING	DISTANCE
L1	N 72°15' E	1424.3'
L2	N 88°07' E	1586.6'
L3	S 35°12' E	1107.5'
L4	S 17°10' E	1023.9'
L5	S 01°46' W	1030.8'
L6	S 13°26' W	1360.1'
L7	S 14°41' W	1308.9'
L8	S 15°45' W	1051.0'
L9	S 10°07' W	1434.9'
L10	S 24°11' W	1332.7'
L11	S 26°13' W	1000.5'
L12	S 20°15' W	1517.4'
L13	S 32°47' W	1748.1'
L14	S 32°53' W	1605.3'
L15	S 35°35' W	1786.2'
L16	S 38°23' W	1644.9'
L17	S 42°08' W	1896.8'

API WELL # 47 - 017
 STATE COUNTY PERMIT

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 # 14-096WA
 DRAWING # HUNTER1HR1
 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

LEGEND

- Surface Owner Boundary Lines +/-
- Interior Surface Tracts +/-
- Existing Fence
- Found monument, as noted

DOUGLAS R. ROWE P.S. 2202

DATE 11/18/14

OPERATOR'S WELL# HUNTER UNIT #1H

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X
 LOCATION: ELEVATION 991.4' WATERSHED CABIN RUN
 QUADRANGLE OXFORD 7.5' DISTRICT CENTRAL COUNTY DODDRIDGE

SURFACE OWNER JAMES E. WEBB ACREAGE 84.89 ACRES +/-
 OIL & GAS ROYALTY OWNER CHARLEY WILSON ET UX; H.B. WILLIAMS ET UX; L.S. MCGEE ET AL; LEASE ACREAGE 91 ACRES±; 307 ACRES±; 78 ACRES±;
 CINDA L. FLEMING ET VIR; D.B. ADAMS ET UX; N.H. LEGGETT ET AL 123.86 ACRES±; 89 ACRES±; 140 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 7,200' TVD 18,500' 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

03/27/2015



PETRA 11/24/2014 3:42:15 PM

Antero Resources Corporation

APPALACHIAN BASIN

Hunter Unit 1H

Doddridge County, WV



REMARKS
 QUADRANGLE: OXFORD
 WATERSHED: CABIN RUN
 DISTRICT: CENTRAL

November 24, 2014