

LATITUDE 39°22'30"

3,661'

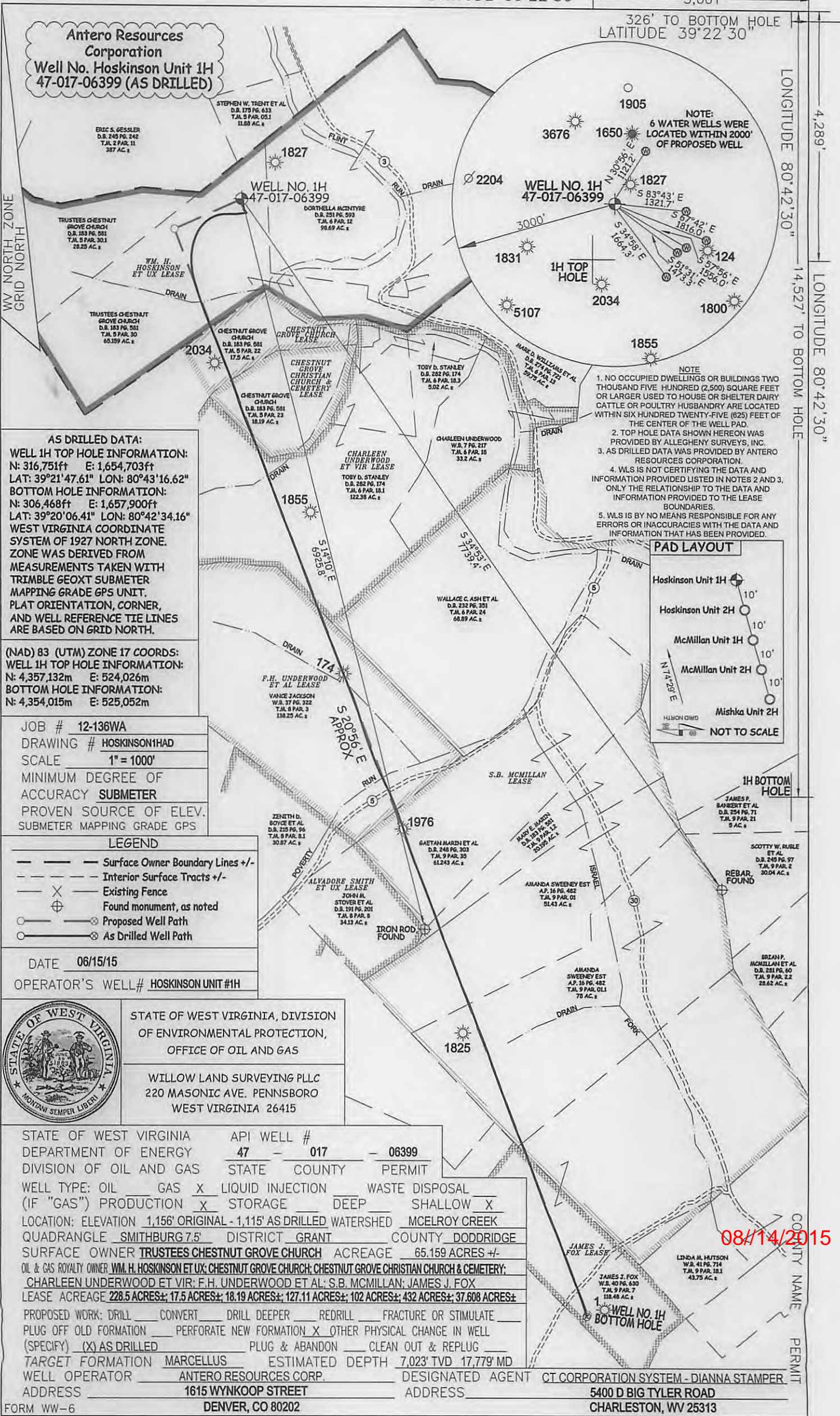
326' TO BOTTOM HOLE
LATITUDE 39°22'30"

LONGITUDE 80°42'30"

4,289'

LONGITUDE 80°42'30"

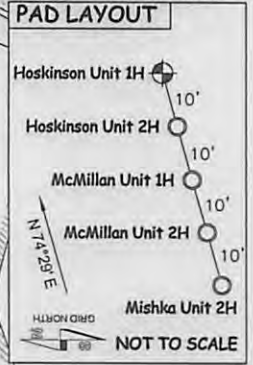
COUNTY NAME PERMIT



Antero Resources Corporation
Well No. Hoskinson Unit 1H
47-017-06399 (AS DRILLED)

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

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 ALLEGHENY SURVEYS, INC.
 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.



AS DRILLED DATA:
WELL 1H TOP HOLE INFORMATION:
 N: 316,751ft E: 1,654,703ft
 LAT: 39°21'47.61" LON: 80°43'16.62"
BOTTOM HOLE INFORMATION:
 N: 306,468ft E: 1,657,900ft
 LAT: 39°20'06.41" LON: 80°42'34.16"
 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: 4,357,132m E: 524,026m
BOTTOM HOLE INFORMATION:
 N: 4,354,015m E: 525,052m

JOB # 12-136WA
 DRAWING # HOSKINSON1HAD
 SCALE 1" = 1000'
 MINIMUM DEGREE OF ACCURACY SUBMETER
 PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS

- LEGEND**
- Surface Owner Boundary Lines +/-
 - - - Interior Surface Tracts +/-
 - Existing Fence
 - ⊕ Found monument, as noted
 - ⊙ Proposed Well Path
 - ⊙ As Drilled Well Path

DATE 06/15/15
 OPERATOR'S WELL# HOSKINSON UNIT #1H



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	API WELL #	47 - 017 - 06399
WELL TYPE: OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> LIQUID INJECTION <input type="checkbox"/> WASTE DISPOSAL <input type="checkbox"/>	STATE	COUNTY
(IF "GAS") PRODUCTION <input checked="" type="checkbox"/> STORAGE <input type="checkbox"/> DEEP <input type="checkbox"/> SHALLOW <input checked="" type="checkbox"/>	PERMIT	
LOCATION: ELEVATION 1,156' ORIGINAL - 1,115' AS DRILLED WATERSHED MCELROY CREEK		
QUADRANGLE SMITHBURG 7.5' DISTRICT GRANT COUNTY DODDRIDGE		
SURFACE OWNER TRUSTEES CHESTNUT GROVE CHURCH ACREAGE 65.159 ACRES +/-		
OIL & GAS ROYALTY OWNER W.M. H. HOSKINSON ET UX; CHESTNUT GROVE CHURCH; CHESTNUT GROVE CHRISTIAN CHURCH & CEMETERY; CHARLEEN UNDERWOOD ET VIR; F.H. UNDERWOOD ET AL; S.B. MCMILLAN; JAMES J. FOX		
LEASE ACREAGE 228.5 ACRES±; 17.5 ACRES±; 18.19 ACRES±; 127.11 ACRES±; 102 ACRES±; 432 ACRES±; 37,608 ACRES±		
PROPOSED WORK: DRILL <input type="checkbox"/> CONVERT <input type="checkbox"/> DRILL DEEPER <input type="checkbox"/> REDRILL <input type="checkbox"/> FRACTURE OR STIMULATE <input type="checkbox"/>		
PLUG OFF OLD FORMATION <input type="checkbox"/> PERFORATE NEW FORMATION <input checked="" type="checkbox"/> OTHER PHYSICAL CHANGE IN WELL (SPECIFY) (X) AS DRILLED <input type="checkbox"/> PLUG & ABANDON <input type="checkbox"/> CLEAN OUT & REPLUG <input type="checkbox"/>		
TARGET FORMATION MARCELLUS ESTIMATED DEPTH 7,023' TVD 17,779' MD		
WELL OPERATOR ANTERO RESOURCES CORP.	DESIGNATED AGENT	CT CORPORATION SYSTEM - DIANNA STAMPER
ADDRESS 1615 WYNKOOP STREET DENVER, CO 80202	ADDRESS	5400 D BIG TYLER ROAD CHARLESTON, WV 25313

08/14/2015