

LATITUDE 39°17'30"

4,406'

LATITUDE 39°20'00"

6,161'

LONGITUDE 80°50'00"

LONGITUDE 80°50'00"

LINE	BEARING	DISTANCE
L.1	N 85°23' E	1676.3
L.2	S 89°51' E	1713.7
L.3	S 76°07' E	1922.7
L.4	S 45°06' E	1572.1
L.5	S 36°33' E	1549.8
L.6	S 23°41' E	1447.4
L.7	S 21°29' E	1511.3
L.8	S 08°23' E	1507.4
L.9	S 00°07' W	1677.9
L.10	S 06°21' W	1765.6
L.11	N 86°17' W	1949.7
L.12	N 81°17' W	1943.8
L.13	N 41°42' W	1455.6
L.14	N 19°51' W	1612.3
L.15	N 17°47' W	1922.4

Antero Resources Corporation Well No. Hormels Unit 1H

WV NORTH ZONE GRID NORTH



NOTES:
 WELL 1H TOP HOLE INFORMATION:
 N: 285,047ft E: 1,618,141ft
 LAT: 39°16'29.11" LON: 80°50'56.03"
 BOTTOM HOLE INFORMATION:
 N: 295,053ft E: 1,616,089ft
 LAT: 39°18'07.69" LON: 80°51'24.05"
 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: 4,347,287m E: 513,048m
 BOTTOM HOLE INFORMATION:
 N: 4,350,325m E: 512,372m

JOB # 14-056WA
 DRAWING # HORMELSIH
 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
 --- Iron Rod, Found

DOUGLAS R. ROWE P.S. 2202

DATE 07/08/14
 OPERATOR'S WELL# HORMELS UNIT 1H
 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 REGULATIONS 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 DEPT. OF ENERGY DIVISION OF OIL AND GAS
 WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF "GAS") PRODUCTION STORAGE DEEP SHALLOW
 LOCATION: ELEVATION 1,164' WATERSHED TRIBUTARY OF WILHELM RUN
 QUADRANGLE WEST UNION 7.5 DISTRICT CENTRAL COUNTY DODDRIDGE

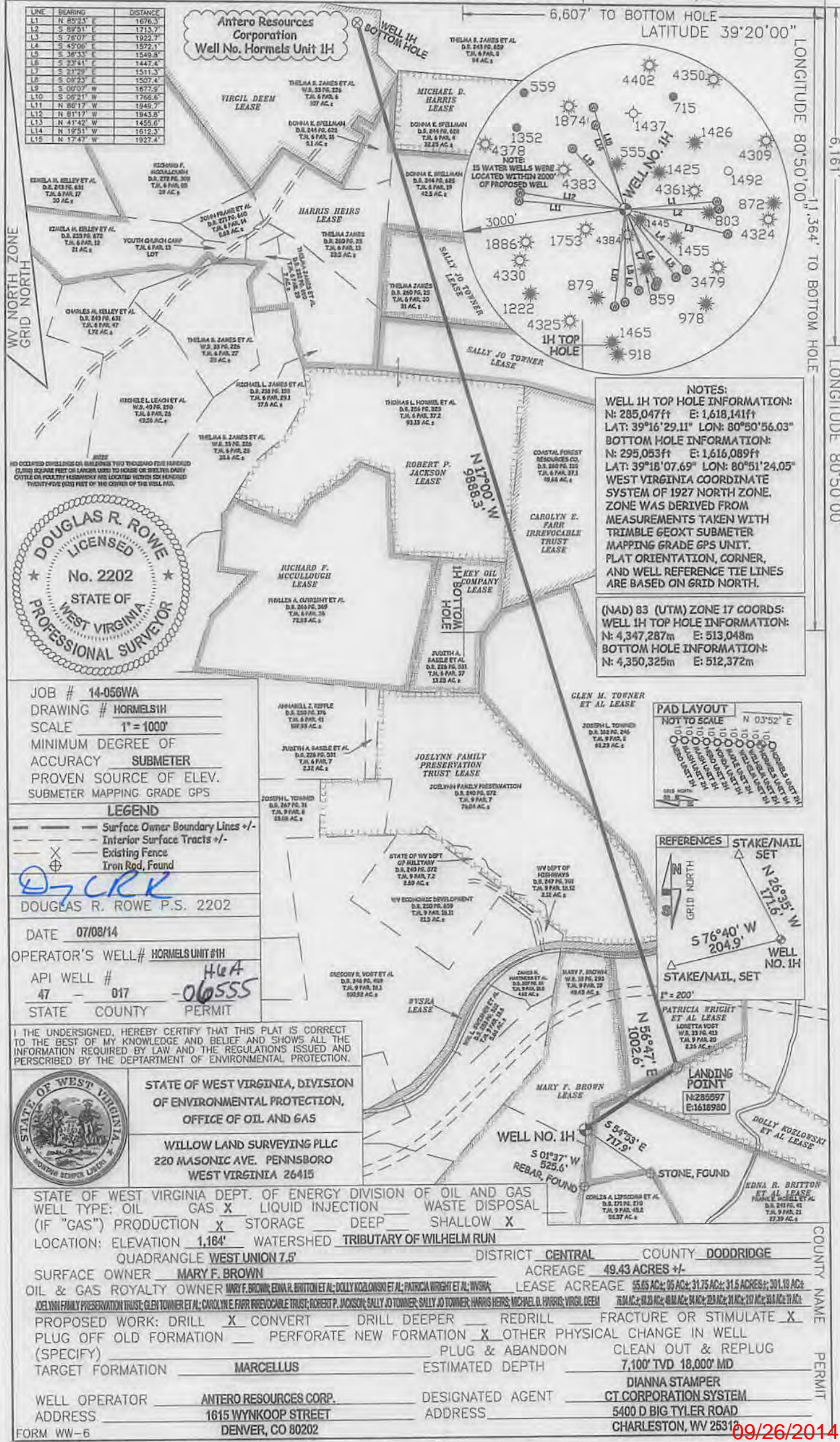
SURFACE OWNER MARY F. BROWN ACREAGE 49.43 ACRES +/-
 OIL & GAS ROYALTY OWNER MARY F. BROWN EDNA R. BRITTON ET AL; DOLLY KOZLOWSKI ET AL; PATRICIA WRIGHT ET AL; WYSRA LEASE ACREAGE 55.85 AC; 85 AC; 31.75 AC; 31.5 AC; 301.18 AC;
 JOELYNN FAMILY PRESERVATION TRUST; GLEN TOWNER ET AL; CAROLYN E. FARR IRREVOCABLE TRUST; ROBERT P. JACKSON; SALLY JO TOWNER; SALLY JO TOWNER; HARRIS HEIRS; MICHAEL D. HARRIS; VIRGIL DEEM 76.04 AC; 40.20 AC; 48.00 AC; 94.00 AC; 22.90 AC; 31.00 AC; 111.00 AC; 33.00 AC; 11.00 AC

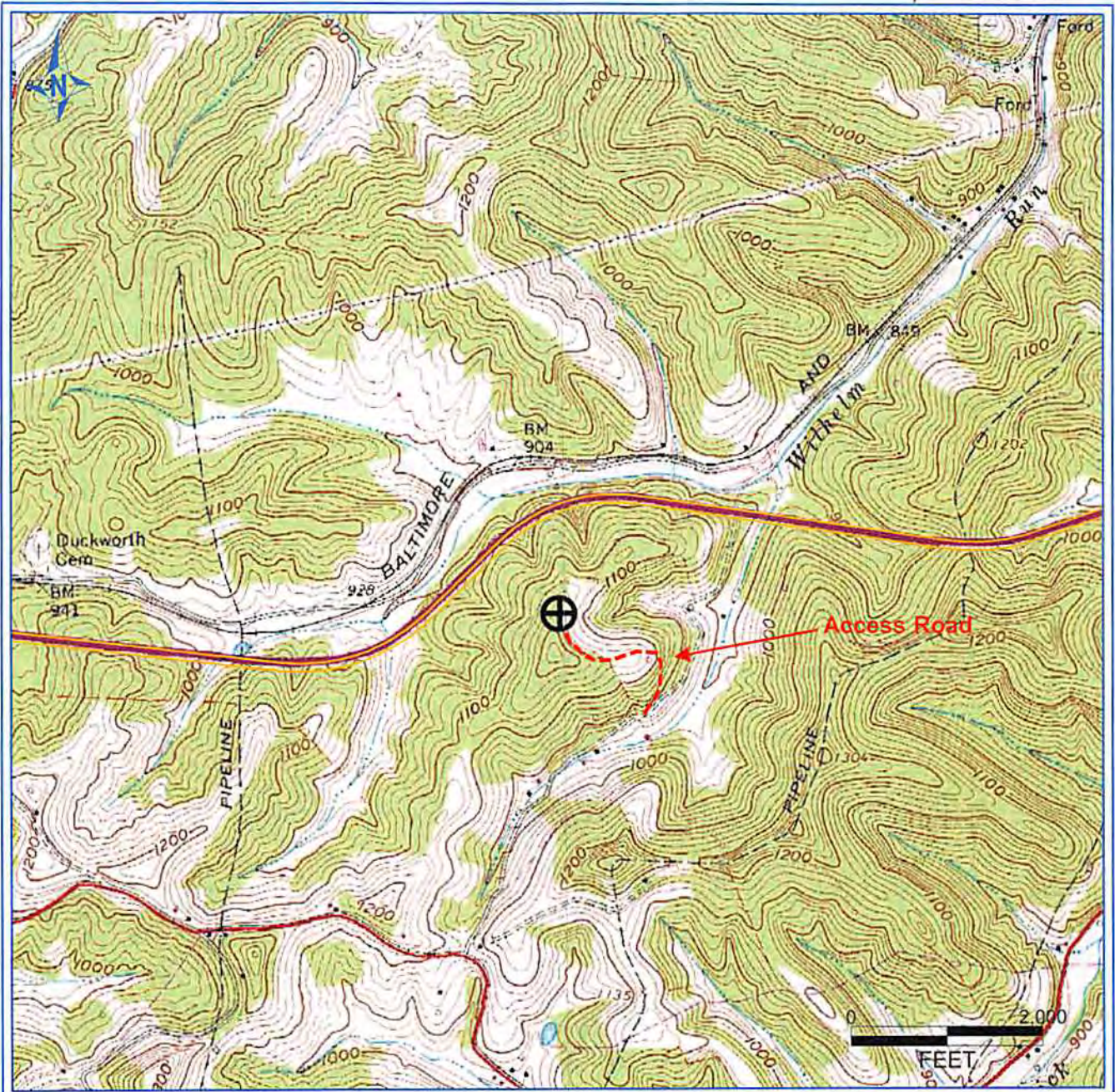
PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE
 PLUG OFF OLD FORMATION PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL
 (SPECIFY) PLUG & ABANDON CLEAN OUT & REPLUG
 TARGET FORMATION MARCELLUS ESTIMATED DEPTH 7,100' TVD 18,000' MD

WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT DIANNA STAMPER
 ADDRESS 1615 WYNKOOP STREET ADDRESS 5400 D BIG TYLER ROAD
 DENVER, CO 80202 CHARLESTON, WV 25312

FORM WW-6

09/26/2014





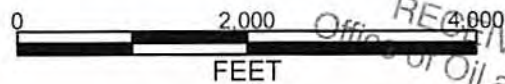
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Antero Resources Corporation

APPALACHIAN BASIN

Hormels Unit 1H

Doddridge County



REMARKS
 QUADRANGLE: WEST UNION
 WATERSHED: TRIBE OF WILHELM RUN
 DISTRICT: CENTRAL

RECEIVED
 Office of Oil and Gas
 JUL 14 2014
 Environmental Protection

Date: 11/29/2012