

LATITUDE 39°17'30"

4,406'

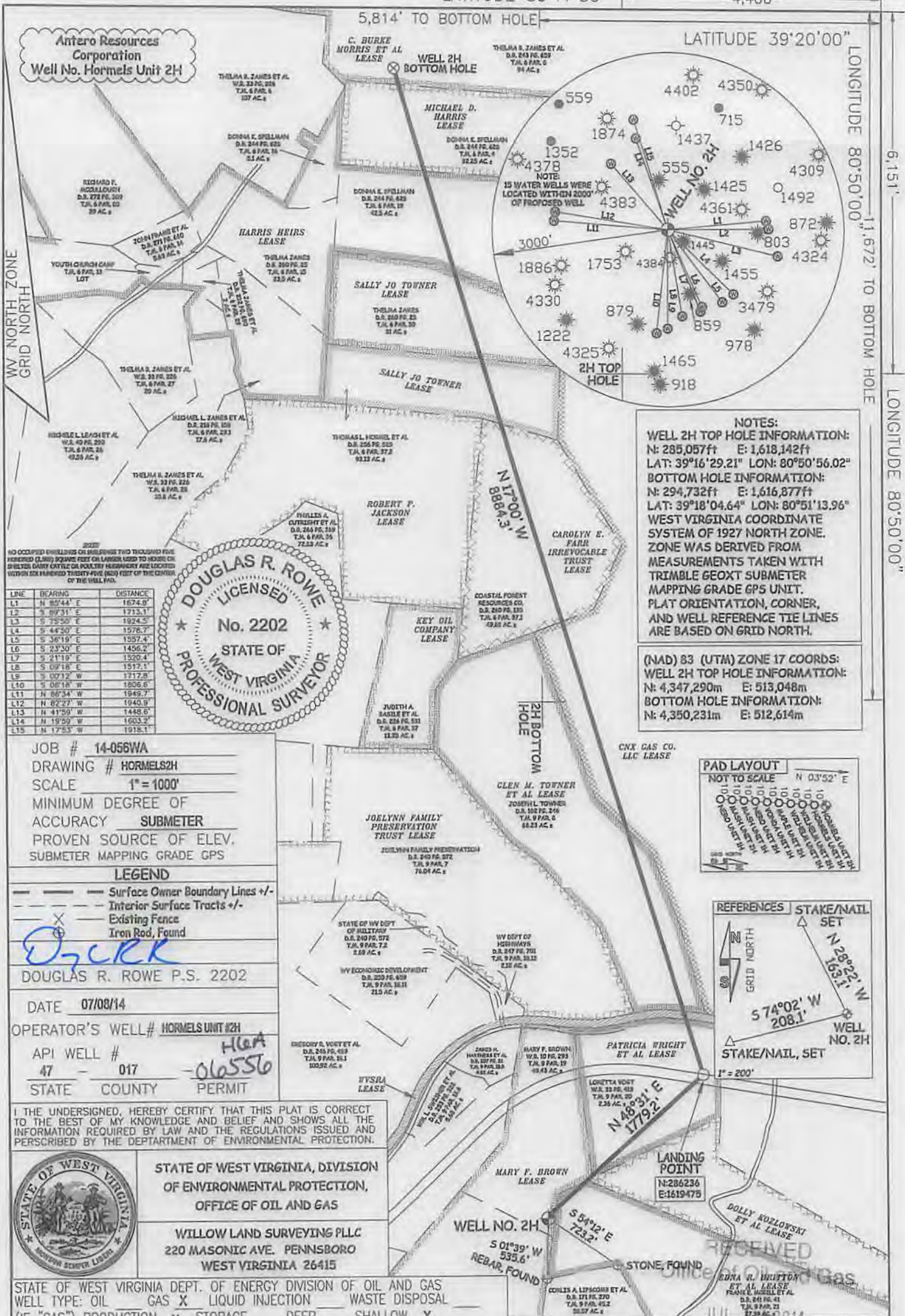
LATITUDE 39°20'00"

LONGITUDE 80°50'00"

6,151'

LONGITUDE 80°50'00"

5,814' TO BOTTOM HOLE



Antero Resources Corporation
Well No. Hormels Unit 2H

N 17°00' W
888.0' W
2H BOTTOM HOLE

NOTES:
WELL 2H TOP HOLE INFORMATION:
N: 285,057ft E: 1,618,142ft
LAT: 39°16'29.21" LON: 80°50'56.02"
BOTTOM HOLE INFORMATION:
N: 294,732ft E: 1,616,877ft
LAT: 39°18'04.64" LON: 80°51'13.96"
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 2H TOP HOLE INFORMATION:
N: 4,347,290m E: 513,048m
BOTTOM HOLE INFORMATION:
N: 4,350,231m E: 512,614m

DOUGLAS R. ROWE
LICENSED
No. 2202
STATE OF WEST VIRGINIA
PROFESSIONAL SURVEYOR

LINE	BEARING	DISTANCE
L1	N 85°44' E	1674.8'
L2	S 89°31' E	1715.1'
L3	S 75°50' E	1924.5'
L4	S 44°50' E	1576.7'
L5	S 36°19' E	1557.4'
L6	S 23°30' E	1456.2'
L7	S 21°19' E	1520.4'
L8	S 08°18' E	1517.1'
L9	S 00°12' W	1717.8'
L10	S 06°18' W	1806.6'
L11	N 86°34' W	1949.7'
L12	N 82°27' W	1940.9'
L13	N 41°50' W	1448.6'
L14	N 19°59' W	1603.2'
L15	N 17°53' W	1918.1'

JOB # 14-056WA
DRAWING # HORMELS2H
SCALE 1" = 1000'
MINIMUM DEGREE OF ACCURACY SUBMETER
PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS

LEGEND
- - - Surface Owner Boundary Lines +/-
- - - Interior Surface Tracts +/-
X Existing Fence
⊕ Iron Rod, Found

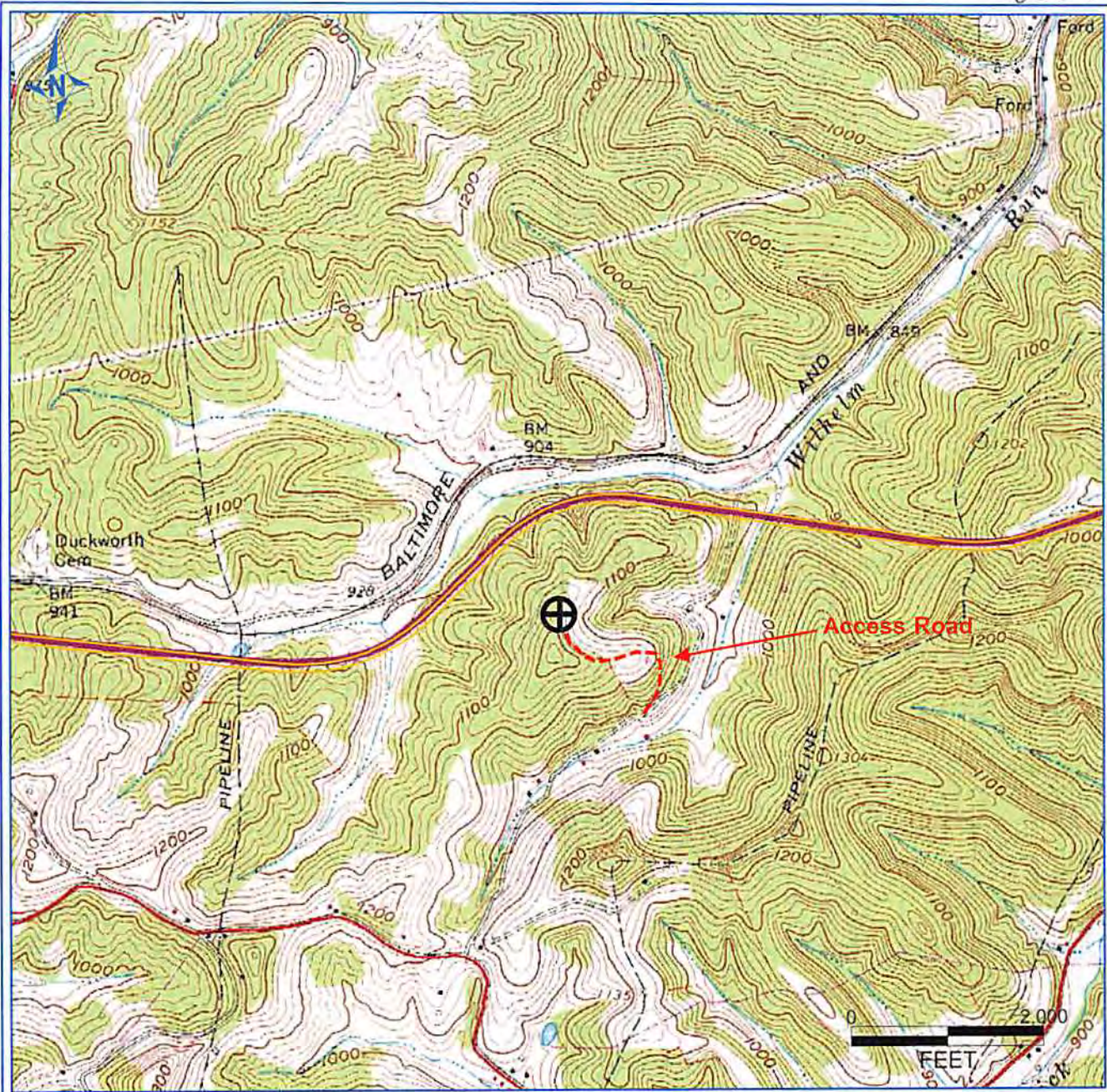
D.R.R.
DOUGLAS R. ROWE P.S. 2202
DATE 07/08/14
OPERATOR'S WELL # HORMELS UNIT #2H
API WELL # 47 - 017
STATE COUNTY PERMIT



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 X LIQUID INJECTION WASTE DISPOSAL
(IF "GAS") PRODUCTION X STORAGE DEEP SHALLOW X
LOCATION: ELEVATION 1,184' 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.; LEASE ACREAGE 65.65 AC; 95 AC; 31.75 AC; 31.5 ACRES +/-
WVSGA; GLEN TOWNER ET AL.; CNX GAS CO. LLC; CAROLYN E. FARR IRREVOCABLE TRUST; SALLY JO TOWNER; SALLY JO TOWNER; HARRIS HEIRS; MICHAEL D. HARRIS; C. BURKE MORRIS ET AL. 301.19 AC; 68.23 AC; 230.04 AC; 49.63 AC; 94 AC; 217 AC; 94 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 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 25313

09/26/2014



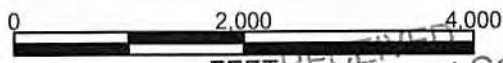
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Antero Resources Corporation

APPALACHIAN BASIN

Hormels Unit 2H

Doddridge County



Office of Oil and Gas

REMARKS

QUADRANGLE: WEST UNION
 WATERSHED: TRIB. OF WILHELM RUN
 DISTRICT: CENTRAL

WV Department
 Environmental Protection

Date: 11/29/2012