

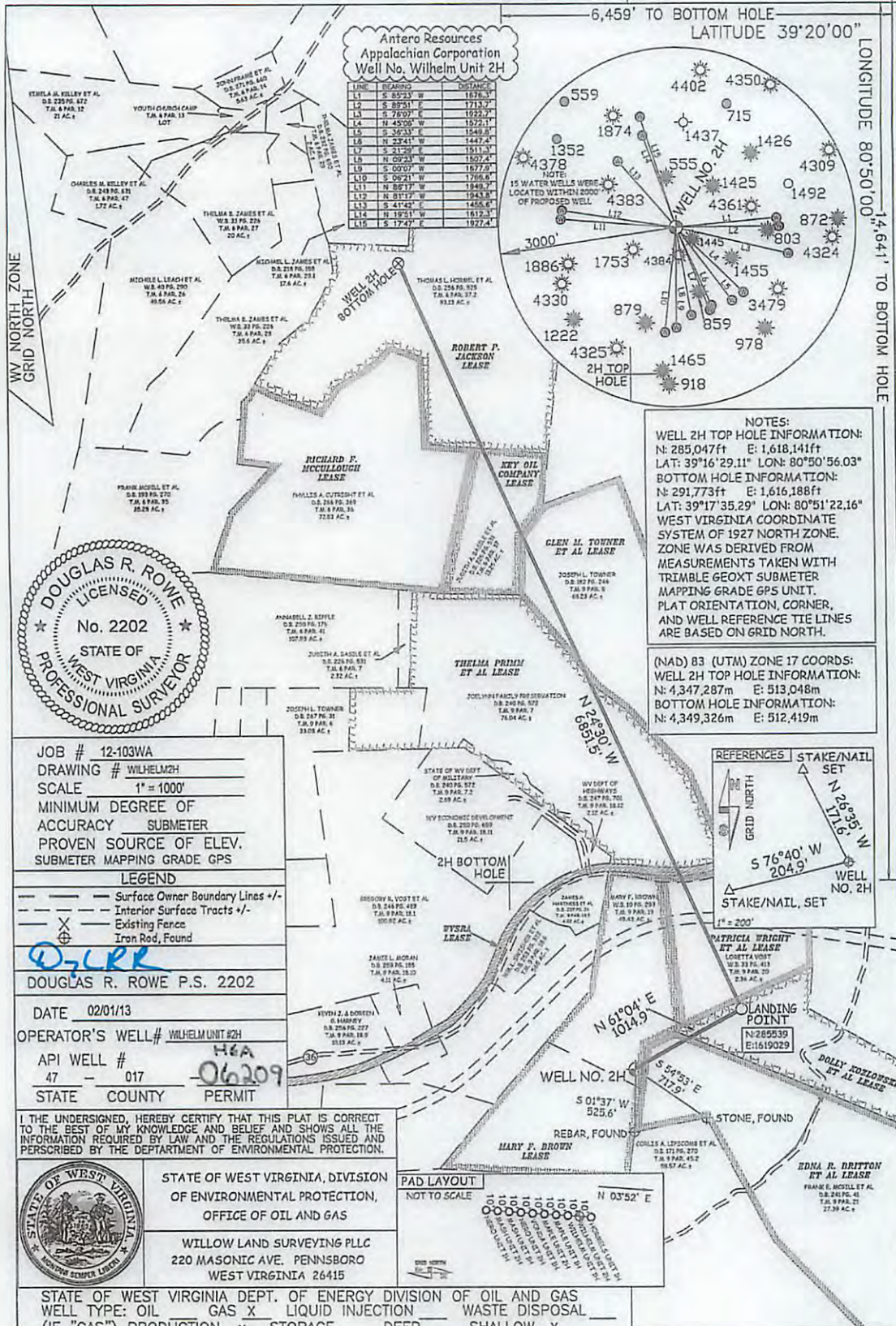
LATITUDE 39°17'30" 4,406'

6,459' TO BOTTOM HOLE

LATITUDE 39°20'00"

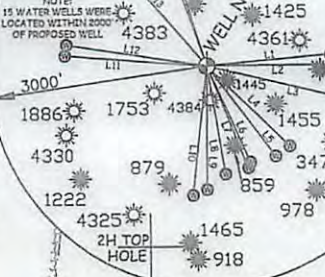
LONGITUDE 80°50'00" 6,161'

LONGITUDE 80°50'00" 14,641' TO BOTTOM HOLE



Antero Resources
Appalachian Corporation
Well No. Wilhelm Unit 2H

LINE	BEARING	DISTANCE
L1	S 85°21' W	1713.7'
L2	S 85°21' E	1522.2'
L3	S 78°07' E	1522.2'
L4	N 45°00' W	1522.2'
L5	S 30°51' E	1522.2'
L6	N 23°41' W	1447.4'
L7	S 21°29' E	1511.3'
L8	N 02°23' W	1507.4'
L9	S 00°07' W	1577.9'
L10	S 06°21' W	1706.6'
L11	N 86°37' E	1508.2'
L12	S 81°17' W	1543.8'
L13	S 47°43' E	1456.6'
L14	N 10°21' W	1612.3'
L15	S 17°47' E	1977.4'



NOTES:
WELL 2H TOP HOLE INFORMATION:
N: 285,047ft E: 1,618,141ft
LAT: 39°16'29.11" LON: 80°50'56.03"
BOTTOM HOLE INFORMATION:
N: 291,773ft E: 1,616,188ft
LAT: 39°17'35.29" LON: 80°51'22.16"
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 2H TOP HOLE INFORMATION:
N: 4,347,287m E: 513,048m
BOTTOM HOLE INFORMATION:
N: 4,349,326m E: 512,419m



JOB # 12-103WA
DRAWING # WILHELM2H
SCALE 1" = 1000'
MINIMUM DEGREE OF ACCURACY SUBMETER
PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS

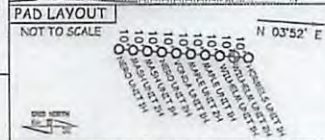
LEGEND
--- Surface Owner Boundary Lines +/-
--- Interior Surface Tracts +/-
X Existing Fence
--- Iron Rod, Found

DOUGLAS R. ROWE P.S. 2202
DATE 02/01/13
OPERATOR'S WELL# WILHELM UNIT 2H
API WELL # 47-017-06209
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



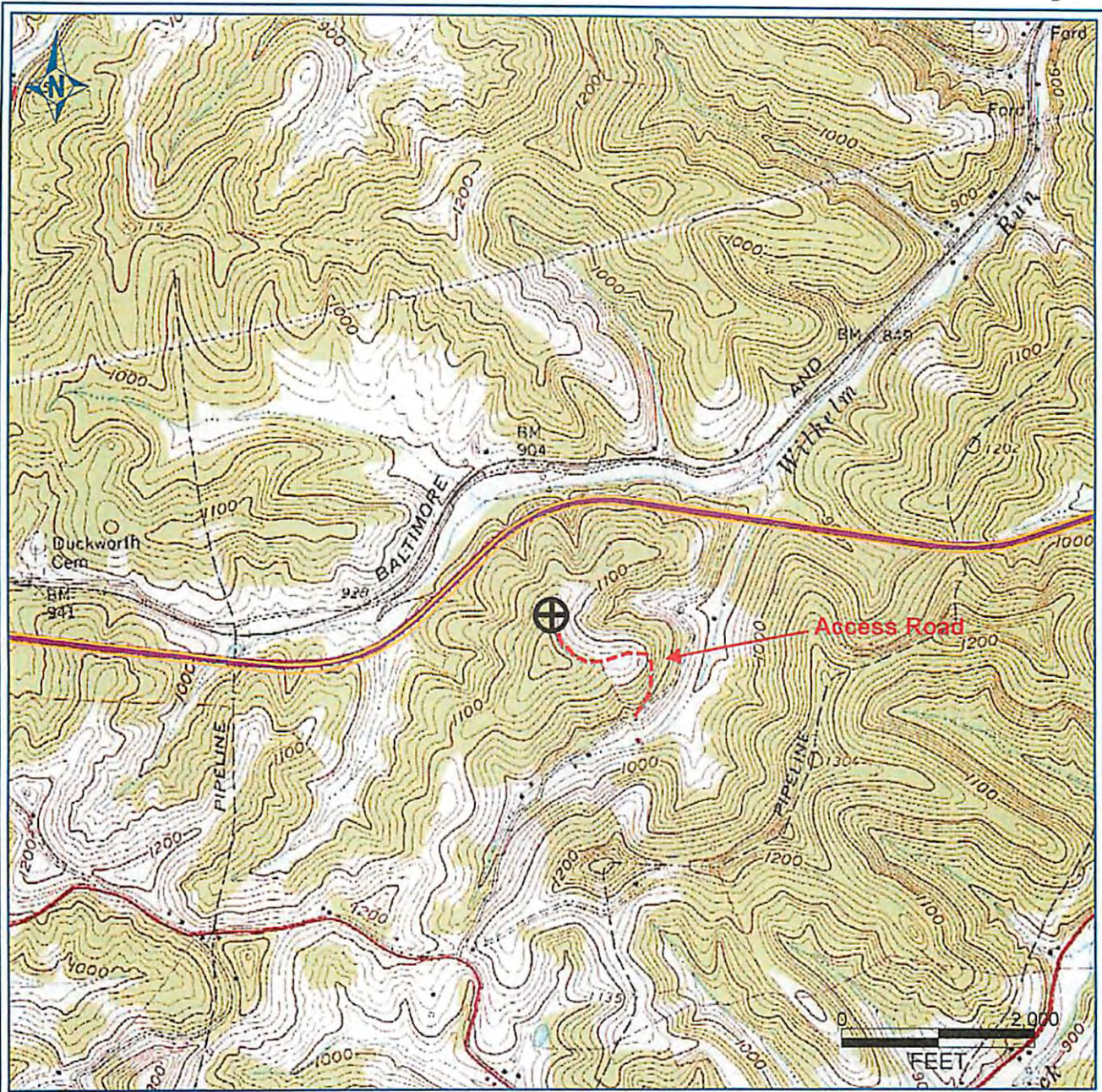
STATE OF WEST VIRGINIA DEPT. OF ENERGY DIVISION OF OIL AND GAS
WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
(IF "GAS") PRODUCTION STORAGE DEEP SHALLOW
LOCATION: ELEVATION 1,164' WATERSHED TRIBUTARY OF WILHELM RUN
QUADRANGLE WEST UNION 7.5 DISTRICT CENTRAL COUNTY DODDRIDGE

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; LEASE ACREAGE 55.65 AC; 95 AC; 31.75 AC; 31.5 ACRES +/-
WWSRA; THELMA PRIMM ET AL; GLEN TOWNER ET AL; KEY OIL COMPANY; RICHARD F. MCCULLOUGH; ROBERT P. JACKSON 76.04 AC; 63.23 AC; 17 AC; 72.83 AC; 84 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 7,000' TVD 14,300' MD

WELL OPERATOR ANTERO RESOURCES APPALACHIAN CORP. DESIGNATED AGENT DIANNA STAMPER
ADDRESS 1625 17TH STREET ADDRESS CT CORPORATION SYSTEM
FORM WW-6 DENVER, CO 80202 CHARLESTON, WV 25313

04/05/2013



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Antero Resources Corporation

APPALACHIAN BASIN

Wilhelm Unit 2H

Doddridge County

RECEIVED
Office of Oil and Gas

17-06209 H6A WILHELM UNIT 2H
ANTERO RESOURCES CORP

PAD NAME: MCGILL



FEB 08 2013
WV Department of Environmental Protection

REMARKS

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

Date: 11/29/2012

04/05/2013