

LATITUDE 39°12'30" 2,645'

4,455' TO BOTTOM HOLE
LATITUDE 39°15'00"

LONGITUDE 80°52'30"
4,706'
LONGITUDE 80°52'30"
14,193' TO BOTTOM HOLE

Antero Resources Appalachian Corporation Well No. Allstate Unit 2H

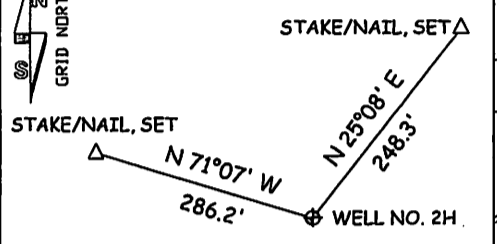
(NAD) 83 (UTM) ZONE 17 COORDS:
WELL 2H TOP HOLE INFORMATION:
N: 4,338,478m E: 510,003m
BOTTOM HOLE INFORMATION:
N: 4,340,211m E: 509,449m

NOTES:
WELL 2H TOP HOLE INFORMATION:
N: 256,307ft E: 1,607,665ft
LAT: 39°11'43.49" LON: 80°53'03.60"
BOTTOM HOLE INFORMATION:
N: 262,023ft E: 1,605,943ft
LAT: 39°12'39.72" LON: 80°53'26.60"
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.

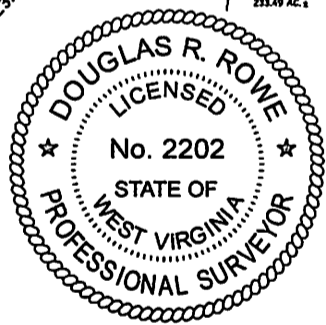
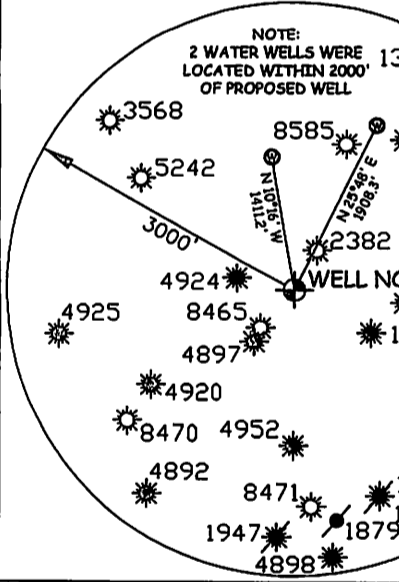
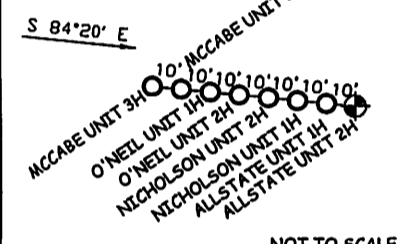
WV NORTH ZONE
GRID NORTH

GRID NORTH

REFERENCES



PAD LAYOUT



JOB # 12-110WA
DRAWING # ALLSTATE2HR1
SCALE 1" = 1000'
MINIMUM DEGREE OF ACCURACY SUBMETER
PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS

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 PRESCRIBED 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

LEGEND
--- Surface Owner Boundary Lines +/-
--- Interior Surface Tracts +/-
--- Existing Fence
--- Found monument, as noted
DOUGLAS R. ROWE P.S. 2202

STATE OF WEST VIRGINIA
DEPARTMENT 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 1,142' WATERSHED LITTLE WHITE OAK CREEK

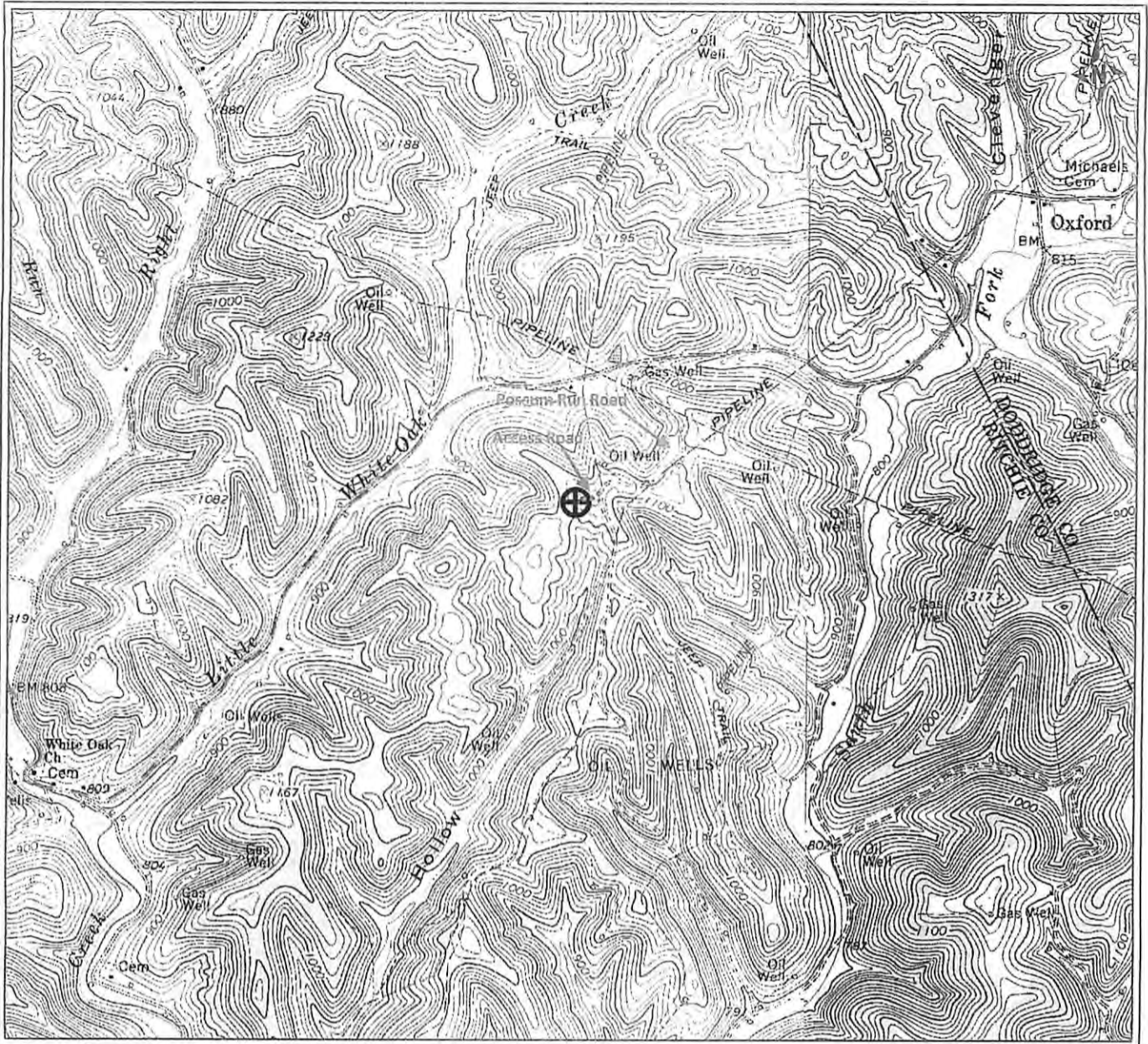
DATE 11/09/12
OPERATOR'S WELL# ALLSTATE UNIT #2H
API WELL # 47 - 085
STATE COUNTY PERMIT

QUADRANGLE PULLMAN 7.5' DISTRICT UNION COUNTY RITCHIE
SURFACE OWNER ANDREW WILLIAMSON ET AL ACREAGE 93.81 ACRES +/-
OIL & GAS ROYALTY OWNER GEORGE P. BLACK ET AL; ORLA J. ADAMS ET UX; E. MIRACLE ET AL; DENNIS R. FERGUSON ET AL LEASE ACREAGE 93 ACRES +/-; 314 ACRES +/-; 116 ACRES +/-; 88 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 6,900' TVD 12,800' MD
WELL OPERATOR ANTERO RESOURCES APPALACHIAN CORP. DESIGNATED AGENT DIANNA STAMPER
ADDRESS 1625 17TH STREET ADDRESS 5400 D BIG TYLER ROAD
FORM YW-6 DENVER, CO 80202 CHARLESTON, WV 25313

COUNTY NAME PERMIT

02/08/2013

85-10017



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Antero Resources Corporation

APPALACHIAN BASIN

Allstate Unit 2H

RITCHIE COUNTY

REMARKS
 QUADRANGLE: PENN MAR
 WATERSHED: LITTLE WHITE OAK
 DISTRICT: UNION



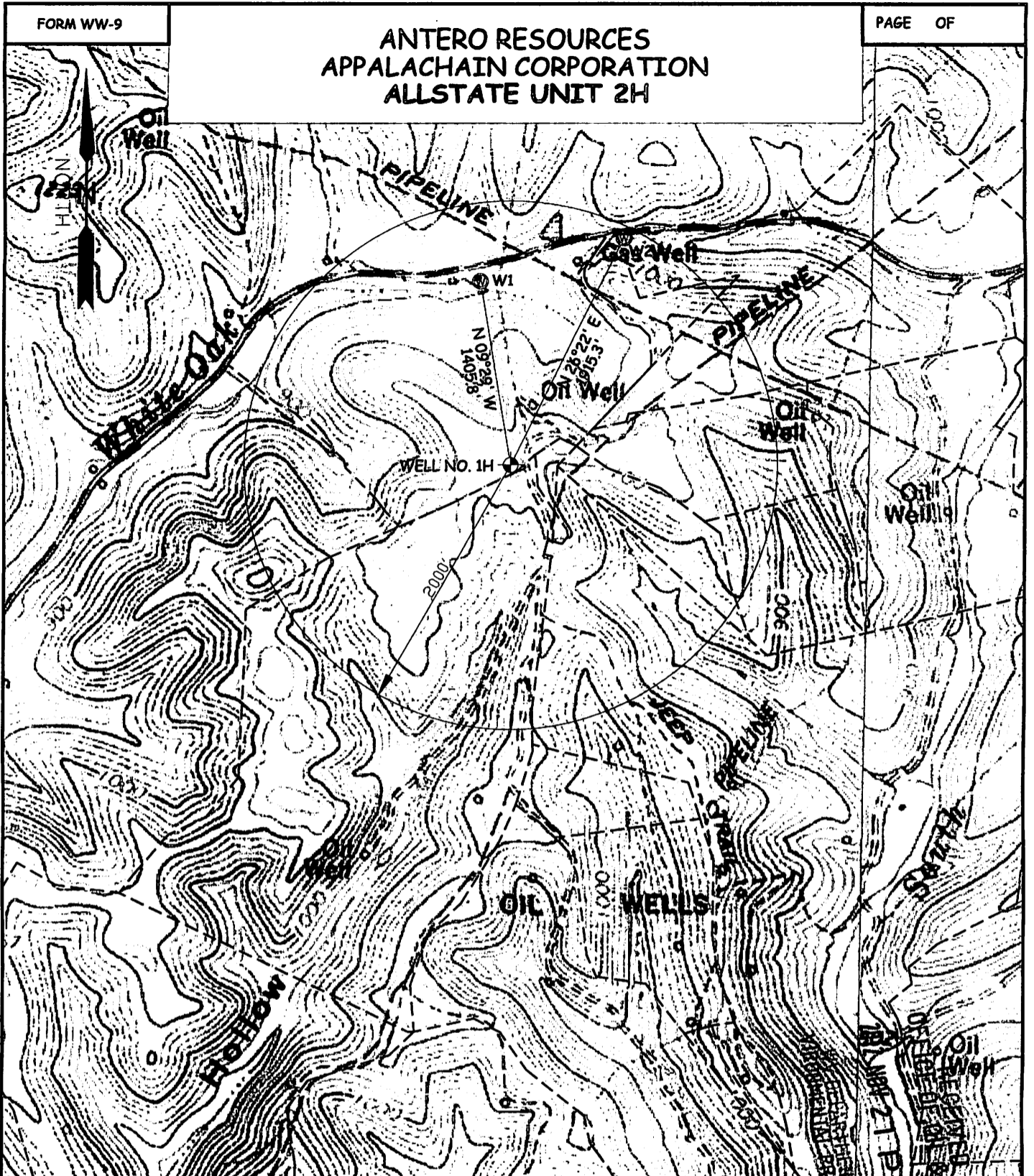
February 24, 2012

RECEIVED
 OFFICE OF OIL & GAS
 DEPARTMENT OF ENVIRONMENTAL PROTECTION
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85-10017

02/08/2013

**ANTERO RESOURCES
APPALACHIAN CORPORATION
ALLSTATE UNIT 2H**



WELL	SURFACE OWNER	ADDRESS
W1	ANDREW WILLIAMSON	731 FOUR MILE CREEK, BRANCLAND, WV 25506
W2	TRACY KNIGHT	P.O. BOX 138, PULLMAN, WV 26421

WILLOW LAND SURVEYING PLLC
P.O. BOX 17, PENNSBORO, WV 26415
(304) 659-1717

TOPO SECTION(S) OF:

PULLMAN 7.5' QUAD
OXFORD 7.5' QUAD

DATE: 02/15/11 DRAWN BY: DRR

