

LATITUDE 39°12'30" 2,665'

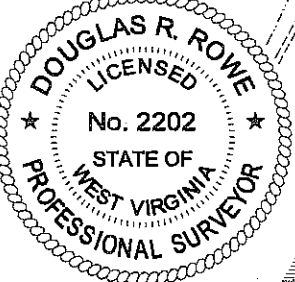
LATITUDE 39°12'30"

LONGITUDE 80°52'30"

LONGITUDE 80°50'00"

Antero Resources
Appalachian Corporation
Well No. Nicholson Unit 1H

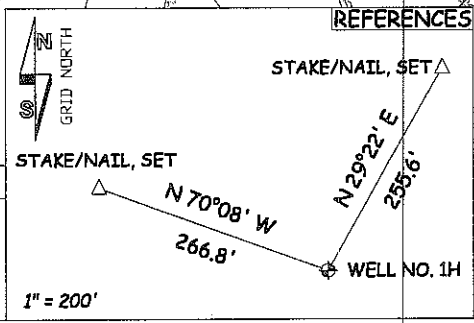
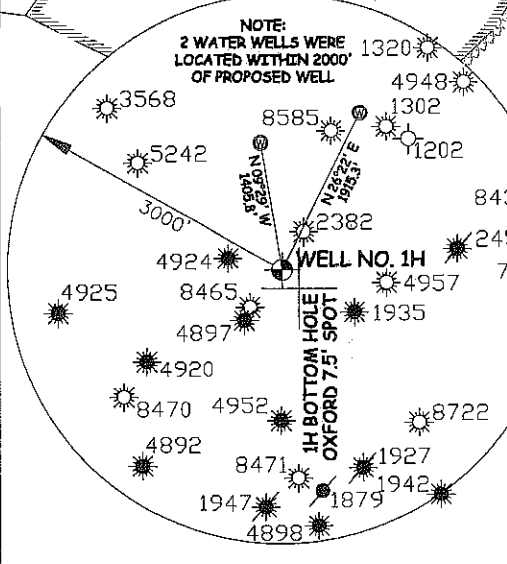
WELL NO. 1H



NOTES:
WELL 1H TOP HOLE INFORMATION:
N: 256,308ft E: 1,607,645ft
LAT: 39°11'43.5" LON: 80°53'03.9"
BOTTOM HOLE INFORMATION:
N: 249,258ft E: 1,610,690ft
LAT: 39°10'34.3" LON: 80°52'23.8"
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: 4,338,478m E: 509,997m
BOTTOM HOLE INFORMATION:
N: 4,336,346m E: 510,960m

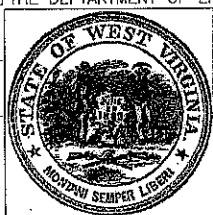
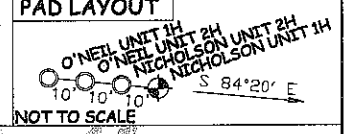
WV NORTH ZONE
GRID NORTH



LEGEND
- - - - - Surface Owner Boundary Lines +/-
- - - - - Interior Surface Tracts +/-
- x - x - x - Existing Fence
⊕ Found monument, as noted

JOB # 12-006
DRAWING # NICHOLSONUNIT1HR
SCALE 1" = 1000'

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
266 HUSHERS RUN RD PENNSBORO
WEST VIRGINIA 26415

DOUGLAS R. ROWE P.S. 2202
DATE 03/21/12
OPERATOR'S WELL# NICHOLSON UNIT #1H

WELL TYPE: OIL ___ GAS LIQUID INJECTION ___ WASTE DISPOSAL ___
(IF "GAS") PRODUCTION STORAGE ___ DEEP ___ SHALLOW
LOCATION: ELEVATION 1,142' WATERSHED LITTLE WHITE OAK CREEK
QUADRANGLE PULLMAN 7.5' (TH); OXFORD 7.5' (BH) DISTRICT UNION COUNTY RITCHIE
SURFACE OWNER ANDREW WILLIAMSON ET AL ACREAGE 93.81 ACRES +/-
OIL & GAS ROYALTY OWNER GEORGE P. BLACK HEIRS ET AL; O'NEIL FAMILY TRUST ET AL; CHUCK NICHOLSON; ALEX PRUNTY ET AL ACREAGE 93 ACRES +/-; 226 ACRES±
315 ACRES±; 300 ACRES±

API WELL # 47 - 085 - 9961H6A
STATE COUNTY PERMIT

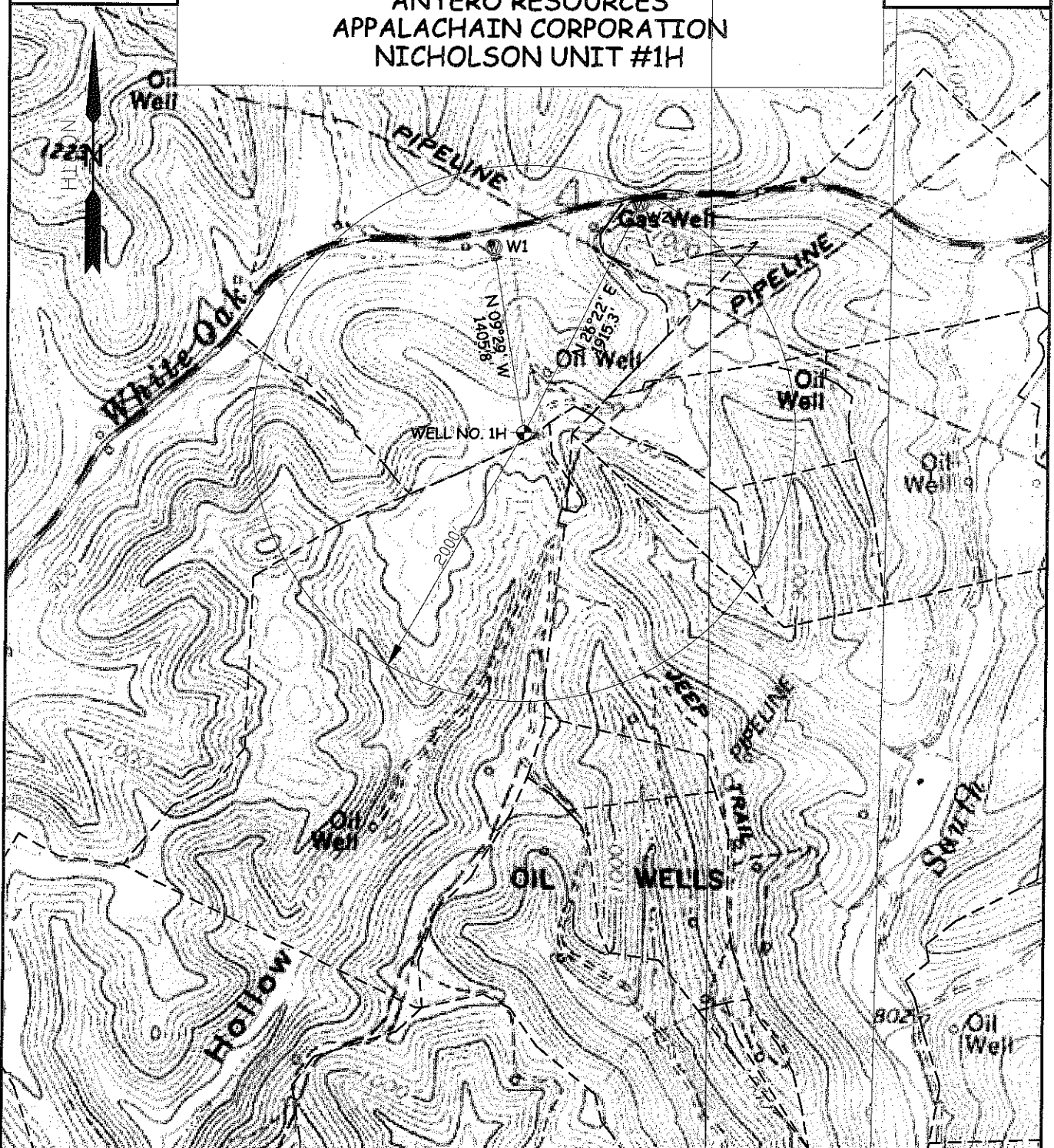
PROPOSED WORK: DRILL CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR
STIMULATE PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION
OTHER PHYSICAL CHANGE IN WELL (SPECIFY)
PLUG & ABANDON ___ CLEAN OUT & REPLUG ___ ESTIMATED DEPTH 6,900' TVD 15,300' MD
TARGET FORMATION MARCELLUS
WELL OPERATOR ANTERO RESOURCES APPALACHIAN CORP. DESIGNATED AGENT DIANNA STAMPER
ADDRESS 1625 17TH STREET ADDRESS CT CORPORATION SYSTEM
DENVER, CO 80202 CHARLESTON, WV 25313

FORM WW-6

COUNTY NAME PERMIT

08/10/2012

ANTERO RESOURCES
APPALACHIAN CORPORATION
NICHOLSON UNIT #1H



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

SCALE : 1-INCH = 1000-FEET



DATE: 02/15/11

DRAWN BY: DRR