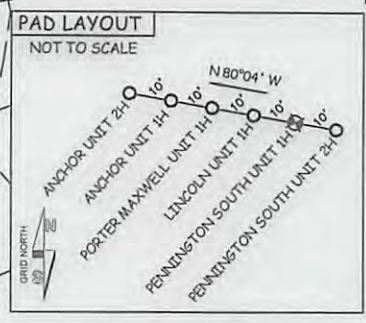
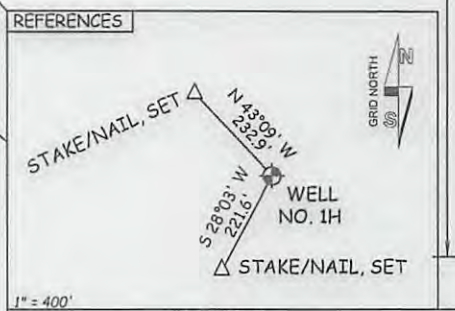


NOTES:
 WELL 1H TOP HOLE INFORMATION:
 N: 258,301ft E: 1,648,274ft
 LAT: 39°12'09.06" LON: 80°44'28.18"
 BOTTOM HOLE INFORMATION:
 N: 247,031ft E: 1,650,997ft
 LAT: 39°10'18.05" LON: 80°43'51.64"
 WEST VIRGINIA COORDINATE SYSTEM OF 1927 NORTH ZONE. ZONE WAS DERIVED FROM MEASUREMENTS TAKEN WITH TRIMBLE 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: 4,339,292m E: 522,364m
 BOTTOM HOLE INFORMATION:
 N: 4,335,873m E: 523,251m



NOTE
 ONE OCCUPIED DWELLING WAS LOCATED WITHIN SIX HUNDRED TWENTY-FIVE (625) FEET OF THE CENTER OF THE WELL PAD.



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

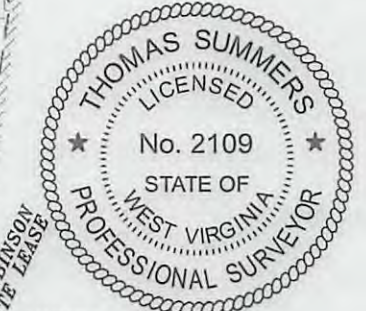
THOMAS SUMMERS P.S. 2109
 DATE 10/16/13
 OPERATOR'S WELL# PENNINGTON SOUTH UNIT #1H
 API WELL # 47 - 017 - **H6A 06404**
 STATE COUNTY PERMIT

I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAN IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW, AND THE RULES ISSUED AND PERSCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.

JOB # 13-058WA
 DRAWING # PENNINGTONSOUTH1HR1
 SCALE 1" = 1000'
 MINIMUM DEGREE OF ACCURACY SUBMETER
 PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS



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 DEPARTMENT OF ENERGY DIVISION OF OIL AND GAS

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS") PRODUCTION ___ STORAGE ___ DEEP ___ SHALLOW X

LOCATION: ELEVATION 1,060' WATERSHED WEBLEY FORK

QUADRANGLE NEW MILTON 7.5' DISTRICT NEW MILTON COUNTY DODDRIDGE

SURFACE OWNER BRIAN E. DAVIS ACREAGE 47 ACRES +/-

OIL & GAS ROYALTY OWNER JOHN ALLEN, KATHRYN ROBINSON, ALBERT PEARCY ET AL.; ERNEST H. & THELMA HINTER; WILBERT & MARY CZIGANS ET AL.; A.W. ROBINSON ESTATE; ROBERT E. COX

LEASE ACREAGE 47 ACRES±; 59 ACRES±; 375 ACRES±; 80.63 AC±; 136 AC±; 91 AC± 402 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 7,000' TVD 18,800' MD

WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT DIANNA STAMPER
 ADDRESS 1625 17TH STREET ADDRESS 5400 D BIG TYLER ROAD
 FORM WW-6 DENVER, CO 80202 CHARLESTON, WV 25313

STANTON B. BROWN II D.B. 220 PG. 714 T.M. 14 PAR. 20 84.81 AC.±
 ROBERT E. COX LEASE PHYLLIS HINTERER ET AL. W.B. 18 PG. 412 T.M. 18 PAR. 4 208.7 AC.±

WELL 1H BOTTOM HOLE

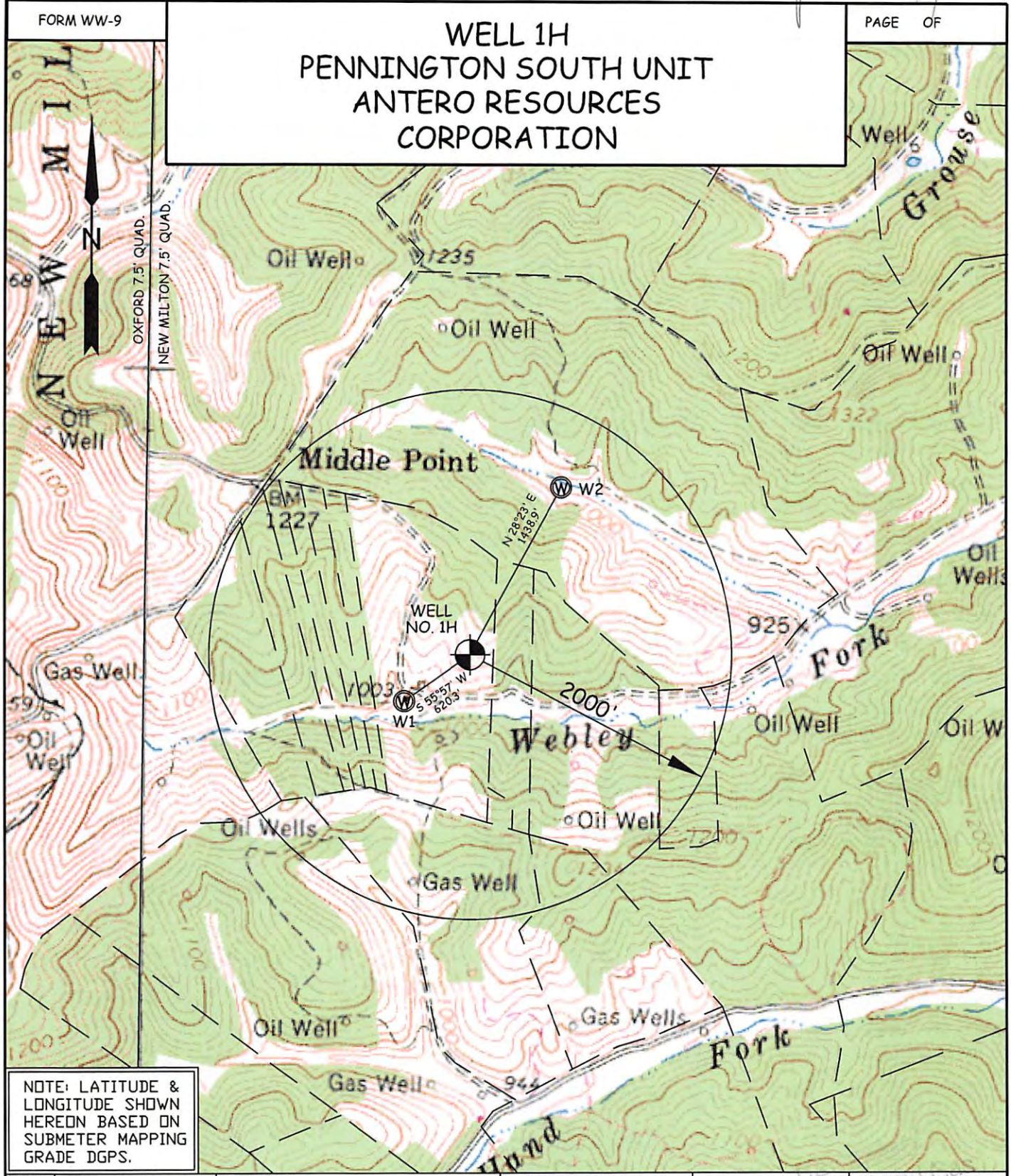
COUNTY NAME PERMIT

02/07/2014

FORM WW-9

PAGE OF

**WELL 1H
 PENNINGTON SOUTH UNIT
 ANTERO RESOURCES
 CORPORATION**



NOTE: LATITUDE & LONGITUDE SHOWN HEREON BASED ON SUBMETER MAPPING GRADE DGPS.

WELL	SURFACE OWNER	ADDRESS	DISTRICT-TAX MAP-PARCEL	WELL LATITUDE	WELL LONGITUDE
W1	BRIAN E. DAVIS	578 Hog Hollow, Salem, WV 26426	6-11-17	39° 21' 05.87"	80° 44' 34.02"
W2	JOSHUA J. BLOOM ET AL	8601 ORCHARD RD. SPRING GROVE, PA 17362	6-11-8	39° 12' 21.98"	80° 44' 19.09"

WILLOW LAND SURVEYING, PLLC P.O. BOX 17, PENNSBORO, WV 26415 (304) 659-1717	TOPO SECTION(S) OF : NEW MILTON 7.5' QUAD. & OXFORD 7.5' QUAD.	SCALE : 1-INCH = 1000-FEET 0' 1000' 2000' 3000'
	JOB #: 13-058WA	
DATE: 10/11/13	DRAWN BY: C.J.P.	FILE: PENNINGTONSOUTH1HWATERMAP