

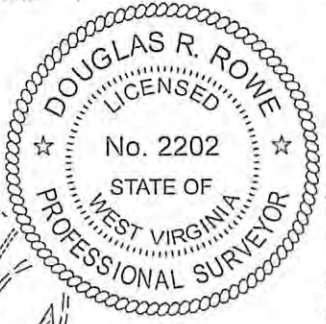
LATITUDE 39°25'00"

8,998'

LATITUDE 39°25'00" 2,857' TO BOTTOM HOLE

Antero Resources Appalachian Corporation Well No. Thorkildson Unit 2H

Tyler County Surface Tracts			
A	Ralph Sweeney	DB 301 PG 2	12.466 Ac.
B	Mary Lemasters	WB 34 PG 23	8.919 Ac.
C	Forest Moore	DB 253 PG 83	0.81 Ac.
D	Forest Moore	DB 294 PG 134	26.478 Ac.
E	Daniel Moore	DB 294 PG 434	20.25 Ac.
F	Olive Sheets	DB 164 PG 443	18.57 Ac.



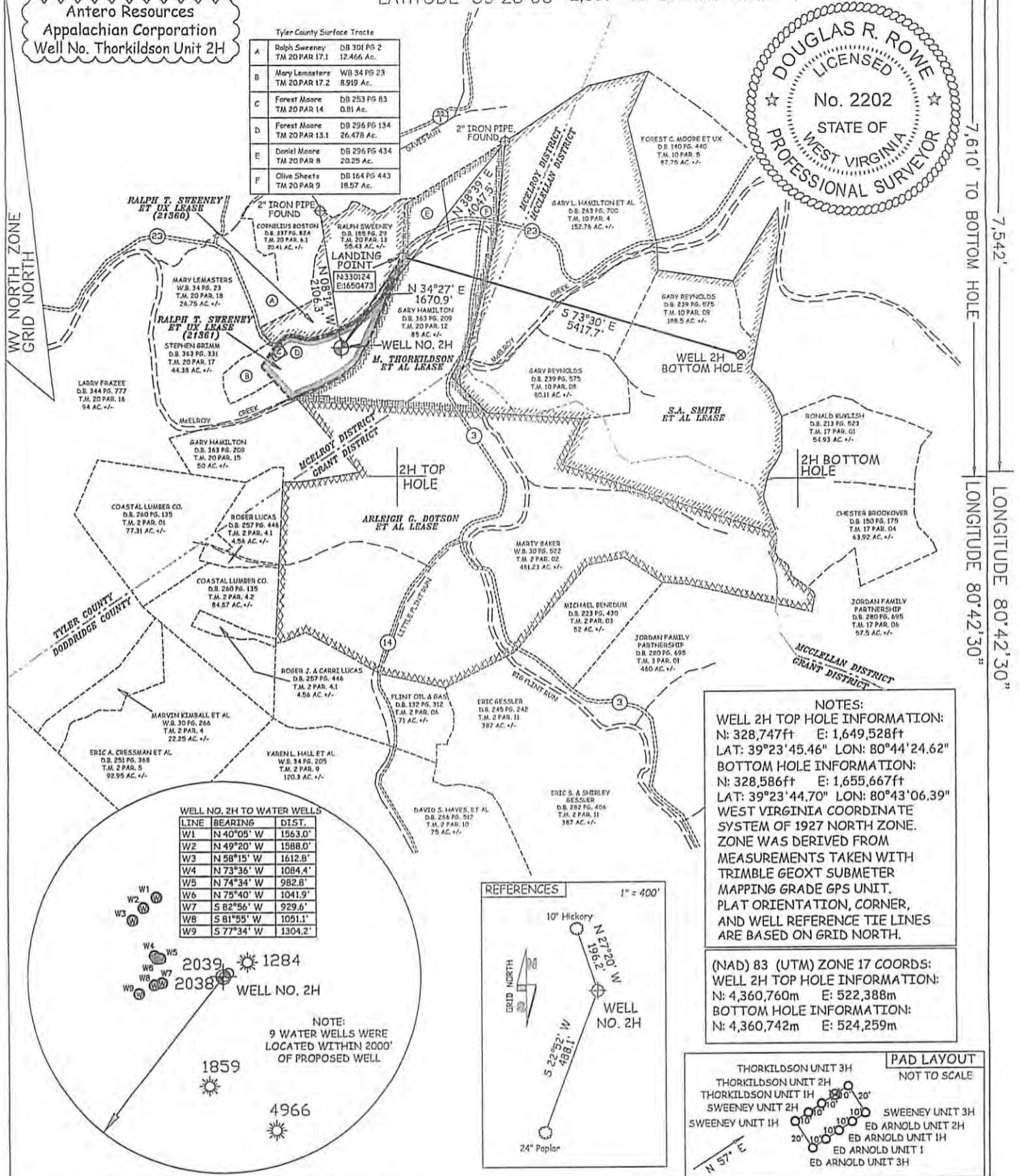
WV NORTH ZONE GRID NORTH

7,610' TO BOTTOM HOLE

7,542'

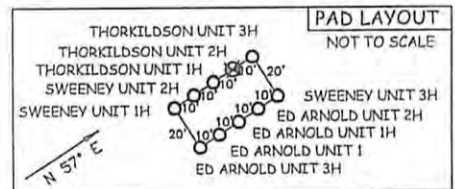
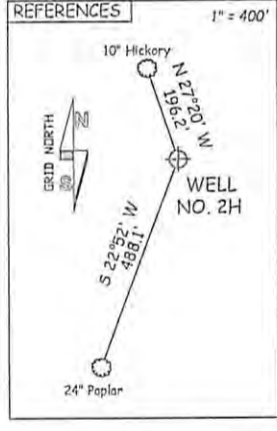
LONGITUDE 80°42'30"

LONGITUDE 80°42'30"



NOTES:
 WELL 2H TOP HOLE INFORMATION:
 N: 328,747ft E: 1,649,528ft
 LAT: 39°23'45.46" LON: 80°44'24.62"
 BOTTOM HOLE INFORMATION:
 N: 328,586ft E: 1,655,667ft
 LAT: 39°23'44.70" LON: 80°43'06.39"
 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: 4,360,760m E: 522,388m
 BOTTOM HOLE INFORMATION:
 N: 4,360,742m E: 524,259m



JOB # 12-053WA
 DRAWING # THORKILDSON2H
 SCALE 1" = 2000'
 MINIMUM DEGREE OF ACCURACY SUBMETER
 PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS
 STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY DIVISION OF OIL AND GAS
 WELL TYPE: OIL ___ GAS LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS") PRODUCTION STORAGE ___ DEEP ___ SHALLOW
 LOCATION: ELEVATION 749' WATERSHED McELROY CREEK
 QUADRANGLE CENTER POINT 7.5' DISTRICT McELROY COUNTY TYLER
 SURFACE OWNER FOREST & BRENDA MOORE ACREAGE 26.478 ACRES +/-
 OIL & GAS ROYALTY OWNER RALPH T. SWEENEY ET UX (21361); M. THORKILDSON ET AL;
 RALPH T. SWEENEY ET UX (21360); S.A. SMITH ET AL. LEASE ACREAGE 25.668 ACRES±; 125.91 ACRES±;
 55.43 ACRES±; 443.68 ACRES±



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
 DATE 10/16/12
 OPERATOR'S WELL# THORKILDSON UNIT #2H
 API WELL # 47 - 095 - 02079 H 6A
 STATE COUNTY PERMIT
 COUNTY NAME PERMIT
 DIANNA STAMPER
 CT CORPORATION SYSTEM
 5400 D BIG TYLER ROAD
 CHARLESTON, WV 25313

FORM WW-6

DENVER, CO 80202

01/18/2013



PTFA 8/5/2011 1:17:30 PM

Antero Resources Corporation

APPALACHIAN BASIN

Thorkildson Unit 2H

Tyler County



REMARKS
 QUADRANGLE: CENTER POINT
 WATERSHED: MCELROY
 DISTRICT: MCELROY

Date: 10/18/12

95-02079

01/18/2013