

LATITUDE 39°25'00"

9,003'

11,583' TO BOTTOM HOLE

LATITUDE 39°27'30"

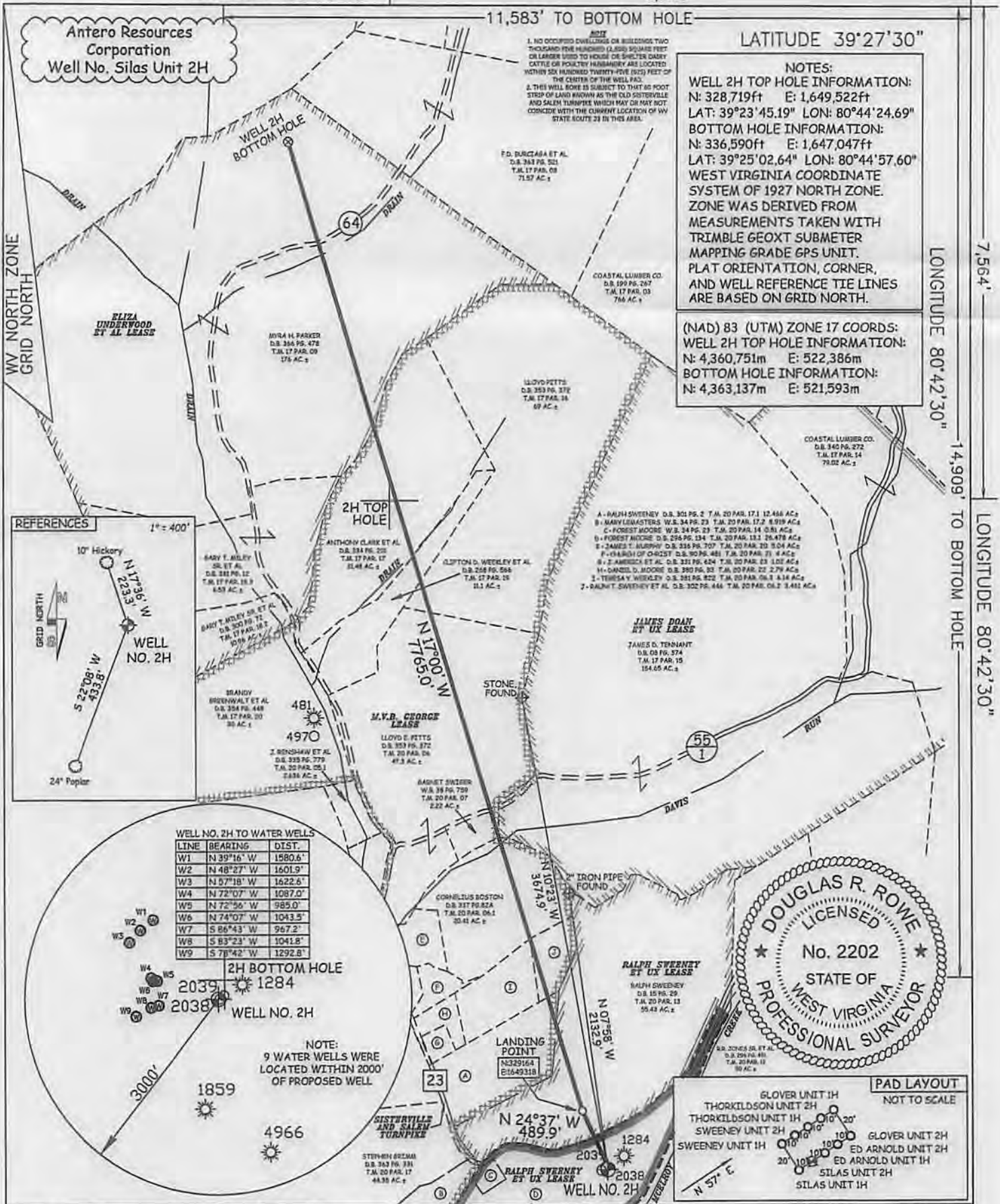
LONGITUDE 80°42'30"

7,564'

LONGITUDE 80°42'30"

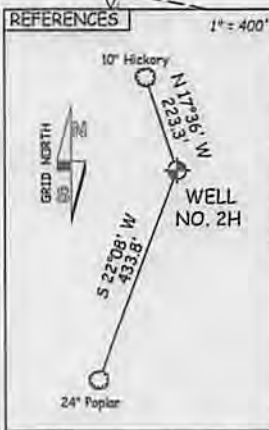
14,909' TO BOTTOM HOLE

LONGITUDE 80°42'30"

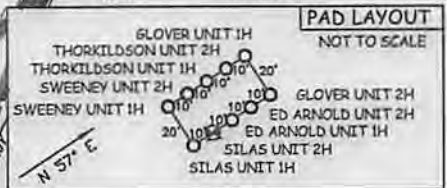
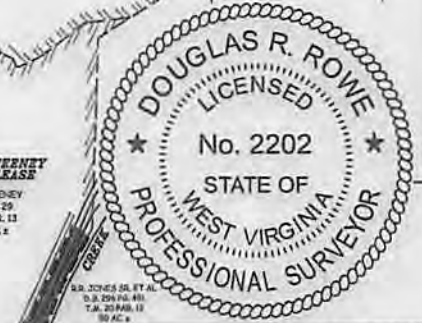


NOTES:
 WELL 2H TOP HOLE INFORMATION:
 N: 328,719ft E: 1,649,522ft
 LAT: 39°23'45.19" LON: 80°44'24.69"
 BOTTOM HOLE INFORMATION:
 N: 336,590ft E: 1,647,047ft
 LAT: 39°25'02.64" LON: 80°44'57.60"
 WEST VIRGINIA COORDINATE SYSTEM OF 1927 NORTH ZONE. ZONE WAS DERIVED FROM MEASUREMENTS TAKEN WITH TRIMBLE GEOXT SUBMETER MAPPING GRADE GPS UNIT. PLAT ORIENTATION, CORNER, AND WELL REFERENCE TIE LINES ARE BASED ON GRID NORTH.

(NAD) 83 (UTM) ZONE 17 COORDS:
 WELL 2H TOP HOLE INFORMATION:
 N: 4,360,751m E: 522,386m
 BOTTOM HOLE INFORMATION:
 N: 4,363,137m E: 521,593m



LINE	BEARING	DIST.
W1	N 39°16' W	1580.6'
W2	N 48°27' W	1601.9'
W3	N 57°18' W	1622.6'
W4	N 72°07' W	1087.0'
W5	N 72°56' W	985.0'
W6	N 74°07' W	1043.5'
W7	S 86°43' W	967.2'
W8	S 83°23' W	1041.8'
W9	S 78°42' W	1292.8'



JOB # 13-096WA
 DRAWING # SILAS2H
 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 RULES 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 +/-
 X Existing Fence
 ⊕ Found monument, as noted

DOUGLAS R. ROWE P.S. 2202

DATE 01/30/14
 OPERATOR'S WELL# SILAS UNIT #2H

API WELL # 47 - 095 - 02.156 HGA
 STATE COUNTY PERMIT

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 749' WATERSHED McELROY CREEK

QUADRANGLE CENTER POINT 7.5' DISTRICT McELROY COUNTY TYLER

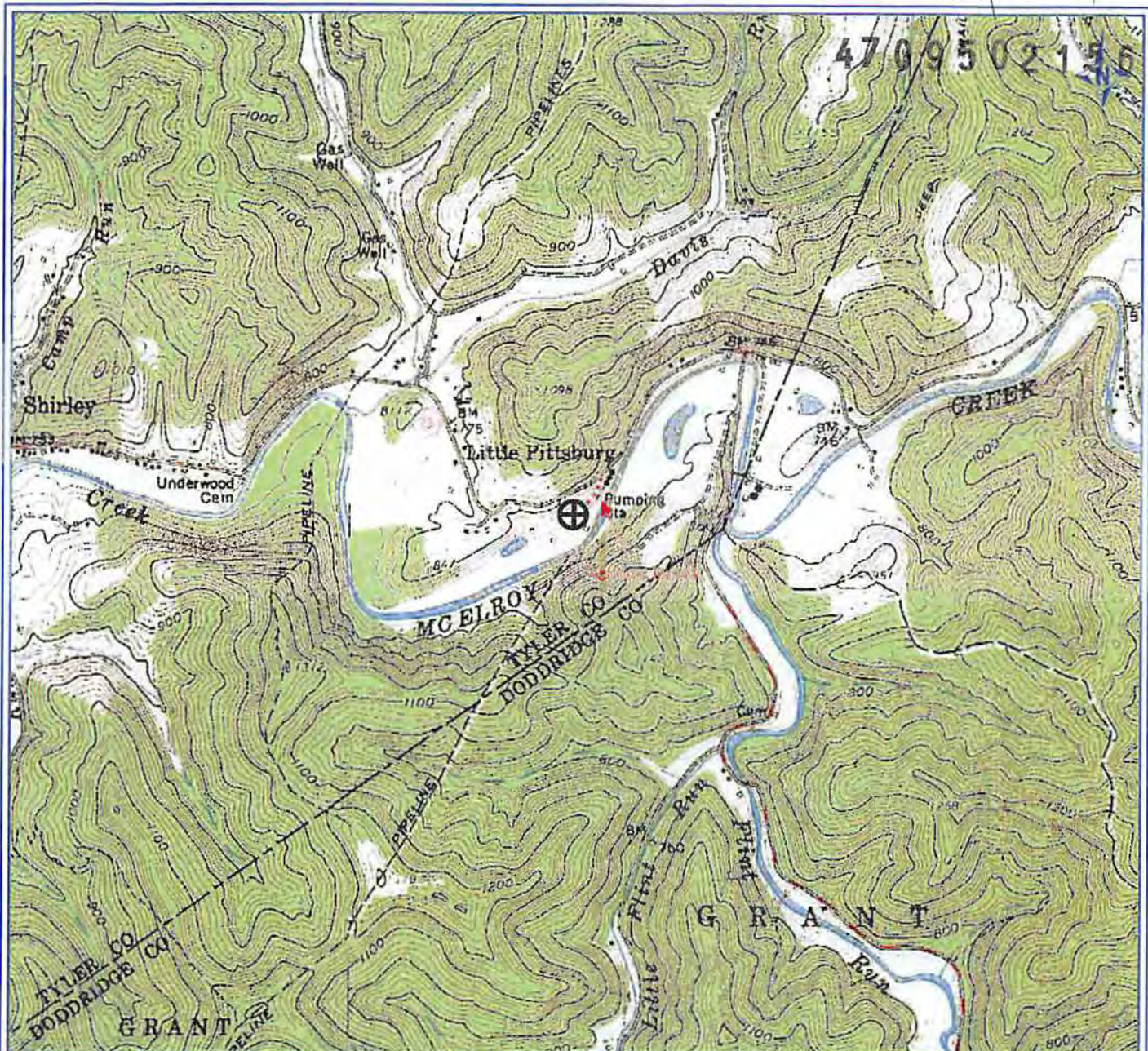
SURFACE OWNER FOREST & BRENDA MOORE ACREAGE 26.478 ACRES +/-
 OIL & GAS ROYALTY OWNER RALPH SWEENEY ET UX; RALPH SWEENEY ET UX; M.V.B. GEORGE; ELIZA UNDERWOOD ET AL LEASE ACREAGE 25.668 ACRES±; 55.43 ACRES±; 300 ACRES±; 216 ACRES±

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)
 TARGET FORMATION MARCELLUS ESTIMATED DEPTH 6,900' TVD 16,200' MD

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

Plot spotted

47 095 02136



PETRA 3/1/2012 11:23:07 AM

Received

FEB 21 2014

Office of Oil and Gas
WV Dept. of Environmental Protection

Antero Resources Corporation

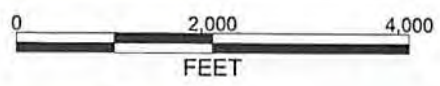
APPALACHIAN BASIN

Silas Unit 2H

Tyler County

REMARKS

QUADRANGLE: CENTER POINT
WATERSHED: MCELROY
DISTRICT: MCELROY



March 1, 2012