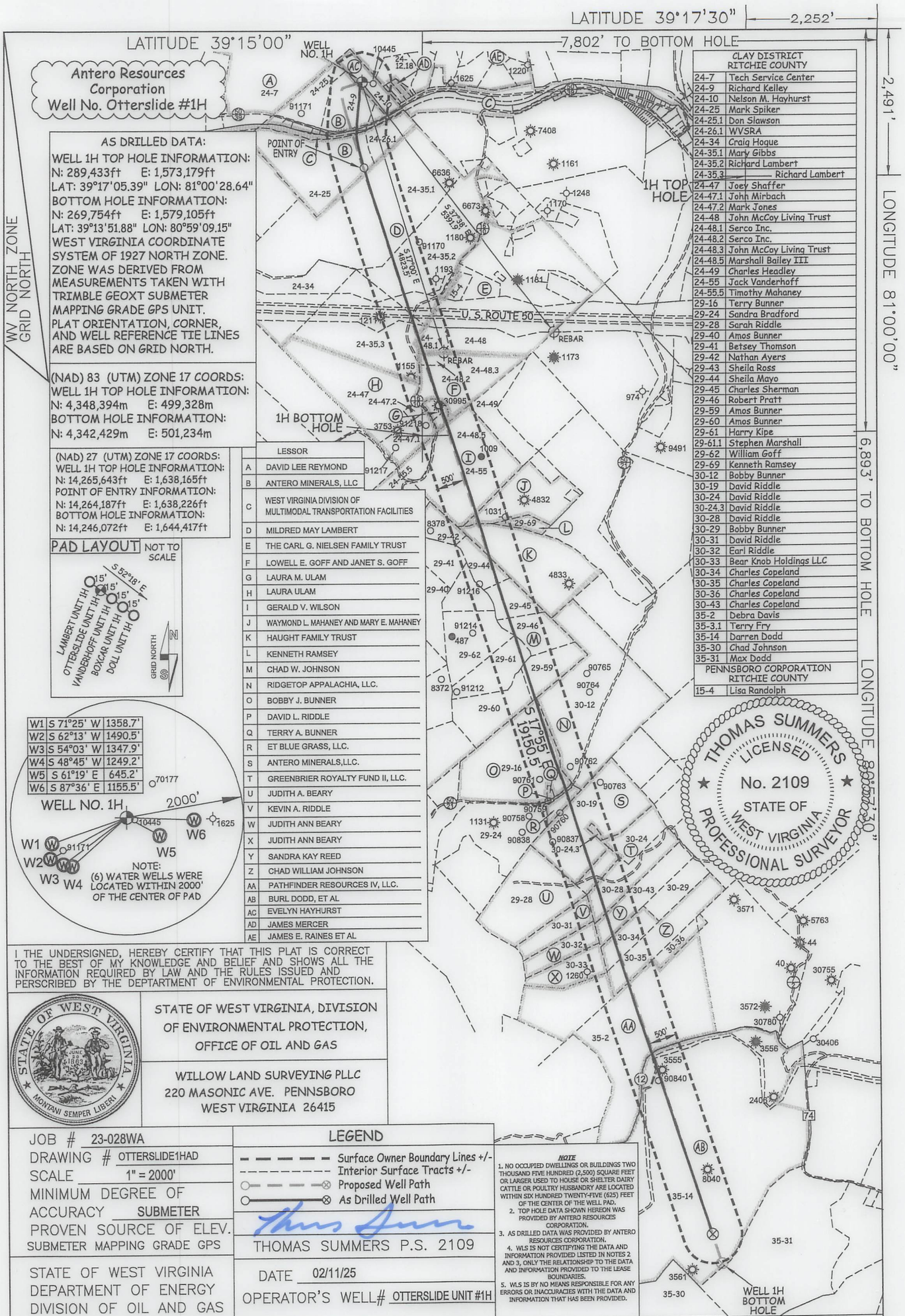

AS DRILLED DATA:
WELL 1H TOP HOLE INFORMATION:
N: 289,433ft E: 1,573,179ft
LAT: 39°17'05.39" LON: 81°00'28.64"
BOTTOM HOLE INFORMATION:
N: 269,754ft E: 1,579,105ft
LAT: 39°13'51.88" LON: 80°59'09.15"
WEST VIRGINIA COORDINATE SYSTEM OF 1927 NORTH ZONE. ZONE WAS DERIVED FROM MEASUREMENTS TAKEN WITH TRIMBLE 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: 4,348,394m E: 499,328m
BOTTOM HOLE INFORMATION:
N: 4,342,429m E: 501,234m

(NAD) 27 (UTM) ZONE 17 COORDS:
WELL 1H TOP HOLE INFORMATION:
N: 14,265,643ft E: 1,638,165ft
POINT OF ENTRY INFORMATION:
N: 14,264,187ft E: 1,638,226ft
BOTTOM HOLE INFORMATION:
N: 14,246,072ft E: 1,644,417ft

W1	S 71°25' W 1358.7'
W2	S 62°13' W 1490.5'
W3	S 54°03' W 1347.9'
W4	S 48°45' W 1249.2'
W5	S 61°19' E 645.2'
W6	S 87°36' E 1155.5'

LESSOR	
A	DAVID LEE REYMOND
B	ANTERO MINERALS, LLC
C	WEST VIRGINIA DIVISION OF MULTIMODAL TRANSPORTATION FACILITIES
D	MILDRED MAY LAMBERT
E	THE CARL G. NIELSEN FAMILY TRUST
F	LOWELL E. GOFF AND JANET S. GOFF
G	LAURA M. ULAM
H	LAURA ULAM
I	GERALD V. WILSON
J	WAYMOND L. MAHANEY AND MARY E. MAHANEY
K	HAUGHT FAMILY TRUST
L	KENNETH RAMSEY
M	CHAD W. JOHNSON
N	RIDGETOP APPALACHIA, LLC.
O	BOBBY J. BUNNER
P	DAVID L. RIDDLE
Q	TERRY A. BUNNER
R	ET BLUE GRASS, LLC.
S	ANTERO MINERALS,LLC.
T	GREENBRIER ROYALTY FUND II, LLC.
U	JUDITH A. BEARY
V	KEVIN A. RIDDLE
W	JUDITH ANN BEARY
X	JUDITH ANN BEARY
Y	SANDRA KAY REED
Z	CHAD WILLIAM JOHNSON
AA	PATHFINDER RESOURCES IV, LLC.
AB	BURL DODD, ET AL
AC	EVELYN HAYHURST
AD	JAMES MERCER
AE	JAMES E. RAINES ET AL

CLAY DISTRICT RITCHIE COUNTY	
24-7	Tech Service Center
24-9	Richard Kelley
24-10	Nelson M. Hayhurst
24-25	Mark Spiker
24-25.1	Don Slawson
24-26.1	WVSRA
24-34	Craig Hoque
24-35.1	Mary Gibbs
24-35.2	Richard Lambert
24-35.3	_____ Richard Lambert
24-47	Joey Shaffer
24-47.1	John Mirbach
24-47.2	Mark Jones
24-48	John McCoy Living Trust
24-48.1	Serco Inc.
24-48.2	Serco Inc.
24-48.3	John McCoy Living Trust
24-48.5	Marshall Bailey III
24-49	Charles Headley
24-55	Jack Vanderhoff
24-55.5	Timothy Mahaney
29-16	Terry Bunner
29-24	Sandra Bradford
29-28	Sarah Riddle
29-40	Amos Bunner
29-41	Betsey Thomson
29-42	Nathan Ayers
29-43	Sheila Ross
29-44	Sheila Mayo
29-45	Charles Sherman
29-46	Robert Pratt
29-59	Amos Bunner
29-60	Amos Bunner
29-61	Harry Kipe
29-61.1	Stephen Marshall
29-62	William Goff
29-69	Kenneth Ramsey
30-12	Bobby Bunner
30-19	David Riddle
30-24	David Riddle
30-24.3	David Riddle
30-28	David Riddle
30-29	Bobby Bunner
30-31	David Riddle
30-32	Earl Riddle
30-33	Bear Knob Holdings LLC
30-34	Charles Copeland
30-35	Charles Copeland
30-36	Charles Copeland
30-43	Charles Copeland
35-2	Debra Davis
35-3.1	Terry Fry
35-14	Darren Dodd
35-30	Chad Johnson
35-31	Max Dodd
PENNSBORO CORPORATION RITCHIE COUNTY	
15-4	Lisa Randolph

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 PERSCRIBED BY THE DEPTARTMENT 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

JOB # 23-028WA
DRAWING # OTTERSLIDE1HAD
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

LEGEND
Surface Owner Boundary Lines +/-
Interior Surface Tracts +/-
Proposed Well Path
As Drilled Well Path

THOMAS SUMMERS P.S. 2109

DATE 02/11/25

OPERATOR'S WELL# OTTERSLIDE UNIT #1H

NOTE
1. NO OCCUPIED DWELLINGS OR BUILDINGS TWO THOUSAND FIVE HUNDRED (2,500) SQUARE FEET OR LARGER USED TO HOUSE OR SHELTER DAIRY CATTLE OR POULTRY HUSBANDRY ARE LOCATED WITHIN SIX HUNDRED TWENTY-FIVE (625) FEET OF THE CENTER OF THE WELL PAD.
2. TOP HOLE DATA SHOWN HEREON WAS PROVIDED BY ANTERO RESOURCES CORPORATION.
3. AS DRILLED DATA WAS PROVIDED BY ANTERO RESOURCES CORPORATION.
4. WLS IS NOT CERTIFYING THE DATA AND INFORMATION PROVIDED LISTED IN NOTES 2 AND 3, ONLY THE RELATIONSHIP TO THE DATA AND INFORMATION PROVIDED TO THE LEASE BOUNDARIES.
5. WLS IS BY NO MEANS RESPONSIBLE FOR ANY ERRORS OR INACCURACIES WITH THE DATA AND INFORMATION THAT HAS BEEN PROVIDED.

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

47 — 085 — 10519
STATE COUNTY PERMIT

LOCATION: ELEVATION AS BUILT - 1,025' WATERSHED NORTH FORK HUGHES RIVER
QUADRANGLE ELLENBORO 7.5' DISTRICT CLAY COUNTY RITCHIE
SURFACE OWNER NELSON MARK HAYHURST ACREAGE 9.65 ACRES +/-
OIL & GAS ROYALTY OWNER EVELYN HAYHURST LEASE ACREAGE 9.65 ACRES±
PROPOSED WORK: DRILL ___ CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE
PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION ___ OTHER PHYSICAL CHANGE IN WELL ___
(SPECIFY) AS DRILLED PLUG & ABANDON CLEAN OUT & REPLUG
TARGET FORMATION MARCELLUS ESTIMATED DEPTH 6,290' TVD 25,858' MD
WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT KEVIN ELLIS
ADDRESS 1615 WYNKOOP ST. ADDRESS 535 WHITE OAKS BLVD
DENVER, CO 80202 BRIDGEPORT, WV 26330

COUNTY NAME PERMIT

04/04/2025

FORM WW-6