

LATITUDE 39°20'00"

10,818'

2,109' TO BOTTOM HOLE

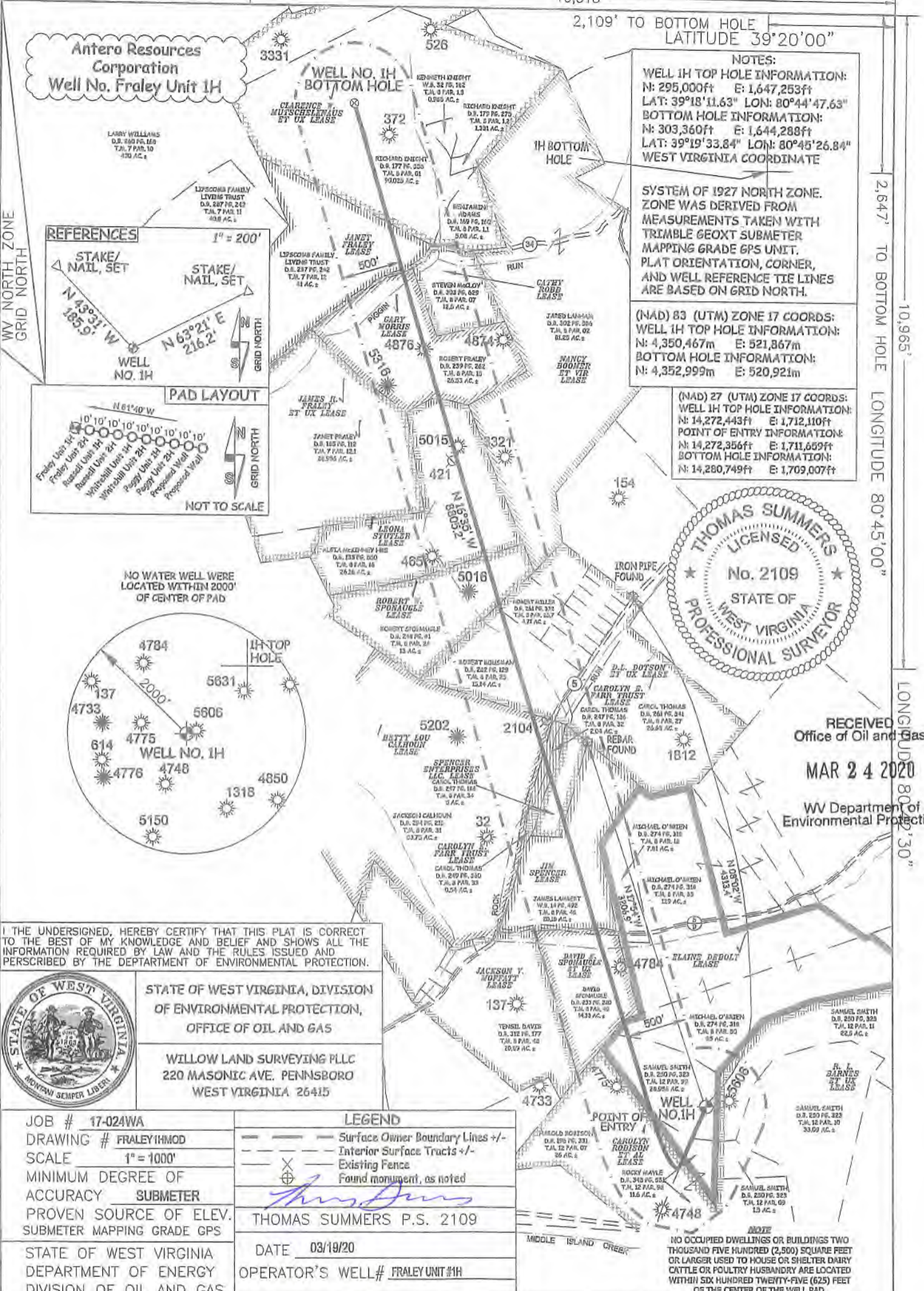
LATITUDE 39°20'00"

2,647' TO BOTTOM HOLE

10,965'

LONGITUDE 80°45'00"

LONGITUDE 80°45'30"

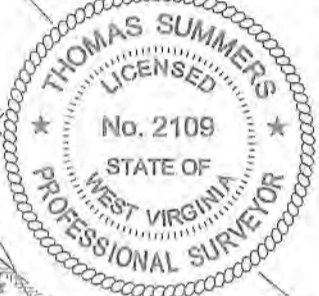


**NOTES:**  
**WELL 1H TOP HOLE INFORMATION:**  
 N: 295,000ft E: 1,647,253ft  
 LAT: 39°18'11.63" LON: 80°44'47.63"  
**BOTTOM HOLE INFORMATION:**  
 N: 303,360ft E: 1,644,288ft  
 LAT: 39°19'33.84" LON: 80°45'26.84"  
 WEST VIRGINIA COORDINATE

**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: 4,350,467m E: 521,867m  
**BOTTOM HOLE INFORMATION:**  
 N: 4,352,999m E: 520,921m

**(NAD) 27 (UTM) ZONE 17 COORDS:**  
**WELL 1H TOP HOLE INFORMATION:**  
 N: 14,272,443ft E: 1,712,110ft  
**POINT OF ENTRY INFORMATION:**  
 N: 14,272,356ft E: 1,711,659ft  
**BOTTOM HOLE INFORMATION:**  
 N: 14,280,749ft E: 1,709,007ft



RECEIVED  
 Office of Oil and Gas  
 MAR 24 2020  
 WV Department of Environmental Protection

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 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

JOB # 17-024WA  
 DRAWING # FRALEY1HMOD  
 SCALE 1" = 1000'  
 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 +/-  
 X Existing Fence  
 ⊕ Found monument, as noted  
 THOMAS SUMMERS P.S. 2109  
 DATE 03/19/20  
 OPERATOR'S WELL # FRALEY UNIT #1H

WELL TYPE: OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> LIQUID INJECTION <input type="checkbox"/> WASTE DISPOSAL <input type="checkbox"/>	API WELL # 47-017-06896	MOD 1
(IF "GAS") PRODUCTION <input checked="" type="checkbox"/> STORAGE <input type="checkbox"/> DEEP <input type="checkbox"/> SHALLOW <input checked="" type="checkbox"/>	STATE COUNTY PERMIT	
LOCATION: ELEVATION 1,275' -AS BUILT	WATERSHED HEADWATERS MIDDLE ISLAND CREEK	
QUADRANGLE SH - SMITHBURG 7.5' BH - WEST UNION 7.5'	DISTRICT WEST UNION	COUNTY DODDRIDGE
SURFACE OWNER SAMUEL AND PEGGY SMITH	ACREAGE 28.956 ACRES +/-	
OIL & GAS ROYALTY OWNER ELAINE DEBOLT; CAROLYN ROBISON ET AL; DAVID E. SPONAUGLE ET UX;	LEASE ACREAGE 84.8 ACRES±; 26 ACRES±; 14.75 ACRES±;	
JIM SPENCER; SPENCER ENTERPRISES LLC; CAROLYN E. FARR TRUST; BETTY LOU CALHOUN; D.L. DOTSON ET UX;	20.16 ACRES±; 5 ACRES±; 0.54 ACRES±; 95.67 ACRES±; 58 ACRES±;	
ROBERT W. SPONAUGLE; LEONA STUTLER; GARY MORRIS; JANET FRALEY; CLARENCE W. MUTSCHELKNAUS ET UX	13 ACRES±; 20.183 ACRES±; 26 ACRES±; 41 ACRES±; 96 ACRES±;	
PROPOSED WORK: DRILL <input type="checkbox"/> CONVERT <input type="checkbox"/> DRILL DEEPER <input checked="" type="checkbox"/> REDRILL <input type="checkbox"/> FRACTURE OR STIMULATE <input checked="" type="checkbox"/>	PLUG OFF OLD FORMATION <input type="checkbox"/> PERFORATE NEW FORMATION <input checked="" type="checkbox"/> OTHER PHYSICAL CHANGE IN WELL	
(SPECIFY) MOD - BHL	PLUG & ABANDON <input type="checkbox"/> CLEAN OUT & REPLUG <input type="checkbox"/>	
TARGET FORMATION MARCELLUS	ESTIMATED DEPTH 7,400' TVD 17,550' MD	
WELL OPERATOR ANTERO RESOURCES CORP.	DESIGNATED AGENT DIANNA STAMPER	
ADDRESS 1615 WYNKOOP STREET	ADDRESS CT CORPORATION SYSTEM	
FORM WW-6	DENVER, CO 80202	CHARLESTON, WV 25313

COUNTY NAME PERMIT