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west virginia department of environmental protection

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Office of Oil and Gas  
601 57<sup>th</sup> Street, S.E.  
Charleston, WV 25304  
(304) 926-0450  
fax: (304) 926-0452

Jim Justice , Governor  
Austin Caperton , Cabinet Secretary  
www.dep.wv.gov

Monday, April 17, 2017  
NOTICE OF PERMIT CANCELLATION  
Horizontal 6A / Horizontal 6A Well - 1

ANTERO RESOURCES CORPORATION (A)  
1615 WYNKOOP STREET

DENVER, CO 80202

Re: Permit cancellation for HATTIE UNIT 2H  
47-017-06736-00-00

The FINAL INSPECTION REPORT for the CANCELLED PERMIT, issued for U.S. Well Number 47-017-06736-00-00 , has been received by the Office of Oil and Gas. The permit has been cancelled as of 5/6/2015 .

If there are any questions, please feel free to contact me at (304) 926- 0450.

James A. Martin  
Chief

Operator's Well Number: HATTIE UNIT 2H  
Farm Name: WEBB, STANLEY  
U.S. WELL NUMBER: 47-017-06736-00-00  
Horizontal 6A / Horizontal 6A Well - 1  
Date Cancelled: 5/6/2015

Promoting a healthy environment.

04/21/2017

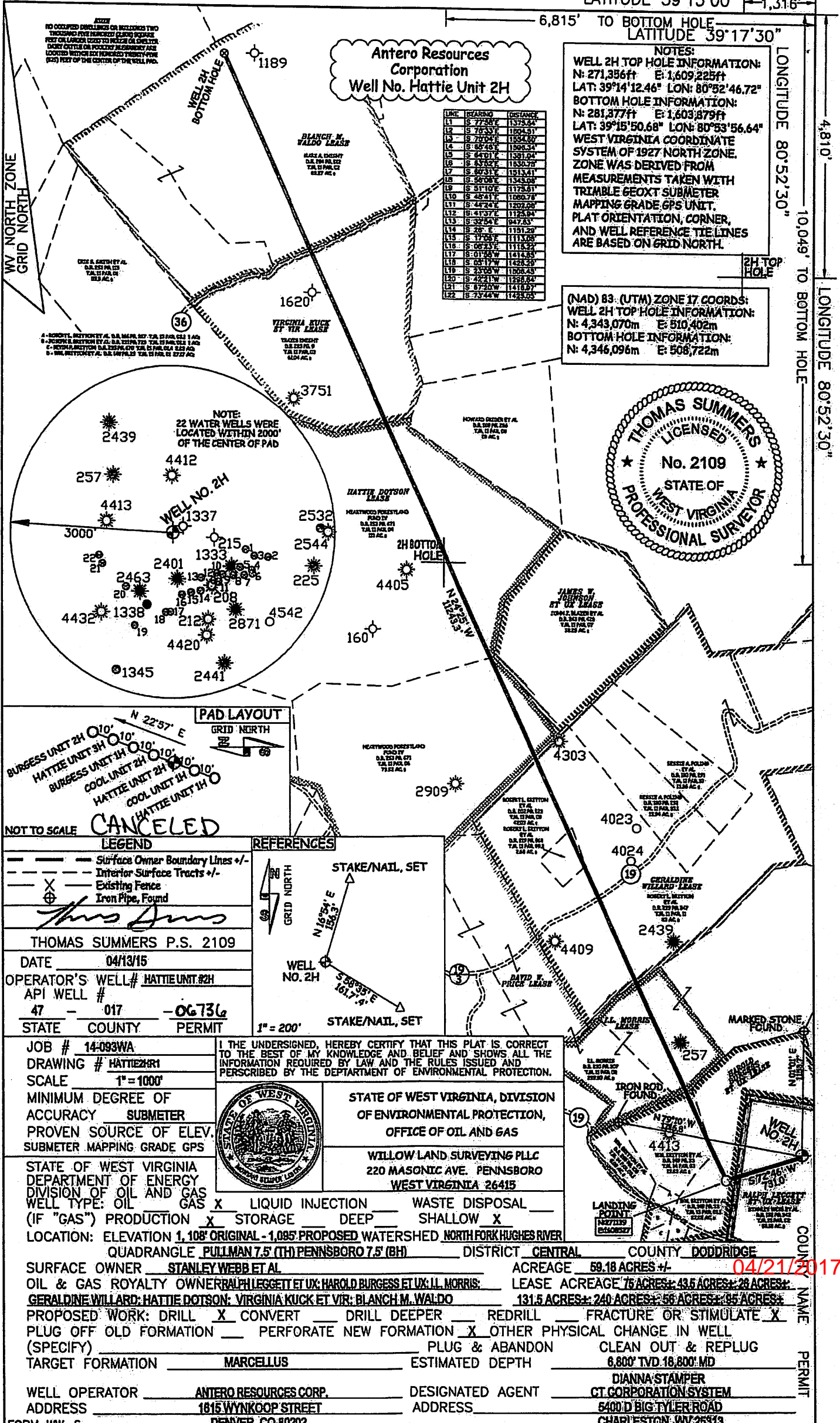
LATITUDE 39°15'00" | 1.316'

6,815' TO BOTTOM HOLE

LATITUDE 39°17'30"

LONGITUDE 80°52'30"

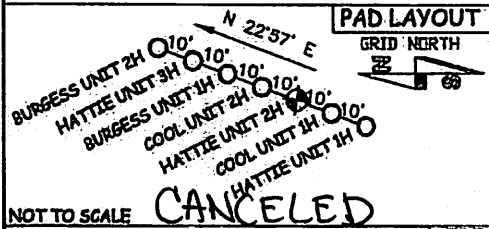
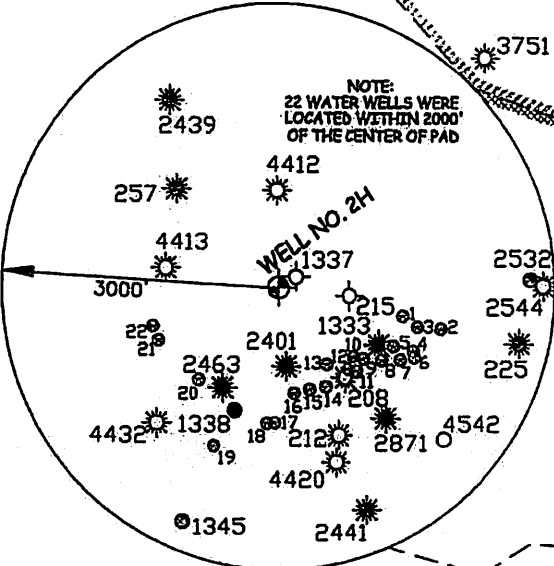
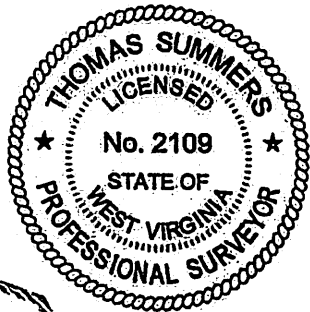
4,810' TO BOTTOM HOLE  
10,049' TO BOTTOM HOLE  
LONGITUDE 80°52'30"



**NOTES:**  
 WELL 2H TOP HOLE INFORMATION:  
 N: 271,356ft E: 1,609,225ft  
 LAT: 39°14'12.46" LON: 80°52'46.72"  
 BOTTOM HOLE INFORMATION:  
 N: 281,377ft E: 1,603,879ft  
 LAT: 39°15'50.68" LON: 80°53'56.64"  
 WEST VIRGINIA COORDINATE SYSTEM OF 1927 NORTH ZONE WAS DERIVED FROM MEASUREMENTS TAKEN WITH TRIABLE 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: 4,343,070m E: 510,402m  
 BOTTOM HOLE INFORMATION:  
 N: 4,346,096m E: 508,722m

LINE	BEARING	DISTANCE
L1	S 77°53' E	11378.34
L2	S 76°33' E	11624.31
L3	S 75°22' E	11544.37
L4	S 65°45' E	11526.34
L5	S 64°01' E	11381.04
L6	S 63°22' E	11330.75
L7	S 60°31' E	11153.41
L8	S 56°08' E	11419.05
L9	S 51°10' E	11178.31
L10	S 45°41' E	11060.77
L11	S 44°24' E	11222.43
L12	S 41°07' E	11222.43
L13	S 32°54' E	947.63
L14	S 26° E	11151.20
L15	S 17°04' E	11113.05
L16	S 06°21' E	11113.05
L17	S 01°45' W	11616.35
L18	S 05°17' W	14238.39
L19	S 23°03' W	11222.43
L20	S 42°11' W	11222.43
L21	S 67°12' W	14181.37
L22	S 75°44' W	14238.39



**LEGEND**

- Surface Owner Boundary Lines +/-
- Interior Surface Tracts +/-
- Existing Fence
- Iron Pipe, Found

**REFERENCES**

STAKE/NAIL, SET

WELL NO. 2H

STAKE/NAIL, SET

1" = 200'

**THOMAS SUMMERS P.S. 2109**  
 DATE 04/13/15  
 OPERATOR'S WELL# HATTIE UNIT 2H  
 API WELL # 47 - 017 - 06736  
 STATE COUNTY PERMIT

**JOB # 14-093WA**  
 DRAWING # HATTIE2HR1  
 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  
 WELL TYPE: OIL GAS X LIQUID INJECTION WASTE DISPOSAL  
 (IF "GAS") PRODUCTION X STORAGE DEEP SHALLOW X

LOCATION: ELEVATION 1,108' ORIGINAL - 1,095' PROPOSED WATERSHED NORTH FORK HUGHES RIVER  
 QUADRANGLE PULLMAN 7.5 (TH) PENNSBORO 7.5 (BH) DISTRICT CENTRAL COUNTY DODDRIDGE

SURFACE OWNER STANLEY WEBB ET AL. ACREAGE 59.18 ACRES +/-

OIL & GAS ROYALTY OWNER RALPH LEGGETT ET UX; HAROLD BURGESS ET UX; ILL MORRIS; LEASE ACREAGE 75 ACRES +/- 43.5 ACRES +/- 26 ACRES +/-  
 GERALDINE WILLARD; HATTIE DOTSON; VIRGINIA KUCK ET VIR; BLANCH M. WALDO 131.5 ACRES +/- 240 ACRES +/- 56 ACRES +/- 95 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) PLUG & ABANDON CLEAN OUT & REPLUG  
 TARGET FORMATION MARCELLUS ESTIMATED DEPTH 6,800' TVD 16,800' MD

WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT DIANNA STAMPER  
 ADDRESS 1615 WYNKOOP STREET ADDRESS 6400 D BIG TYLER ROAD  
 DENVER, CO 80202 CHARLESTON, WV 25313

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

STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY DIVISION OF OIL AND GAS

LANDING POINT (NEARBY ESTIMATE)

MARKED STONE FOUND

IRON ROD FOUND

WELL NO. 2H

CANCELED

04/21/2017

COUNTY NAME PERMIT