



December 14, 2016

West Virginia Department of Environmental Protection  
Office of Oil and Gas  
601 57<sup>th</sup> Street, SE  
Charleston, WV 25304

Antero Resources  
1615 Wynkoop Street  
Denver, CO 80202  
Office 303.357.7310  
Fax 303.357.7315

**RE: Plugged Ralph Leggett #3 (API# 47-017-01337-00)**

Mr. McLaughlin:

Antero Resources Corporation (Antero) would like to submit the following offset monument for the plug and abandon well Ralph Leggett 3. This well was located on the property in which we built the Stanley pad in Doddridge County, West Virginia.

Attached you will find the following:

- Plugging Affidavit
- Plat showing offsite monument

If you have any questions please feel free to contact me at (303) 357-7182.

Thank you in advance for your consideration.

Sincerely,

A handwritten signature in blue ink that reads "Mallory Stanton".

Mallory Stanton  
Permitting Supervisor  
Antero Resources Corporation

Enclosures

RECEIVED  
Office of Oil and Gas  
DEC 16 2016  
WV Department of  
Environmental Protection

12/23/2016

FORM GG-8

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

*Man...  
Paul...*

**AFFIDAVIT OF PLUGGING AND FILLING WELL**

AFFIDAVIT SHOULD BE MADE IN TRIPPLICATE. ONE COPY MAILED TO THE DEPARTMENT, ONE COPY TO BE RETAINED BY THE WELL OPERATOR AND THE THIRD COPY (AND EXTRA COPIES IF REQUIRED) SHOULD BE MAILED TO EACH COAL OPERATOR AT THEIR RESPECTIVE ADDRESSES.

<u>None</u> COAL OPERATOR OR OWNER	<u>A.A. Pursley Pursley's Pulling &amp; Well Service</u> NAME OF WELL OPERATOR
ADDRESS	<u>Box 51, Lenoir, West Virginia</u> COMPLETE ADDRESS
<u>None</u> COAL OPERATOR OR OWNER	<u>June 7, 1965</u> WELL AND LOCATION
ADDRESS	<u>Central</u> District
<u>Ralph Leggett</u> LEASE OR PROPERTY OWNER	<u>Doddridge</u> County
ADDRESS	<u>Unknown</u> Well No. <u>3</u>
	<u>Ralph Leggett</u> Farm

STATE INSPECTOR SUPERVISING PLUGGING William Blesser

**AFFIDAVIT**

STATE OF WEST VIRGINIA,

County of Zachman

Eugene Pursley and

A.A. Pursley

being first duly sworn according to law depose and say that they are experienced in the work of plugging and filling oil and gas wells and were employed by Pursley's Pulling & Well Service well operator, and participated in the work of plugging and filling the above well, that said work was commenced on the 20 day of July, 1965, and that the well was plugged and filled in the following manner:

SAND OR ZONE RECORD	FILLING MATERIAL	PLUGS USED	CAGING	
			CSO PULLED	CSO LEFT IN
FORMATION		SIZE & KIND		
	Cement - Gal 6 1/2 Volume	10"	1550'	725'
	Gelled hole before starting.			
	Set cement plug at 1150'			
	Set cement plug at 1120'			
	Set cement plug at 650'			
	Set cement plug at 250'			
	Air plug displaced with gel, followed w/steel plug.			
COAL SEAL				
(NAME)				

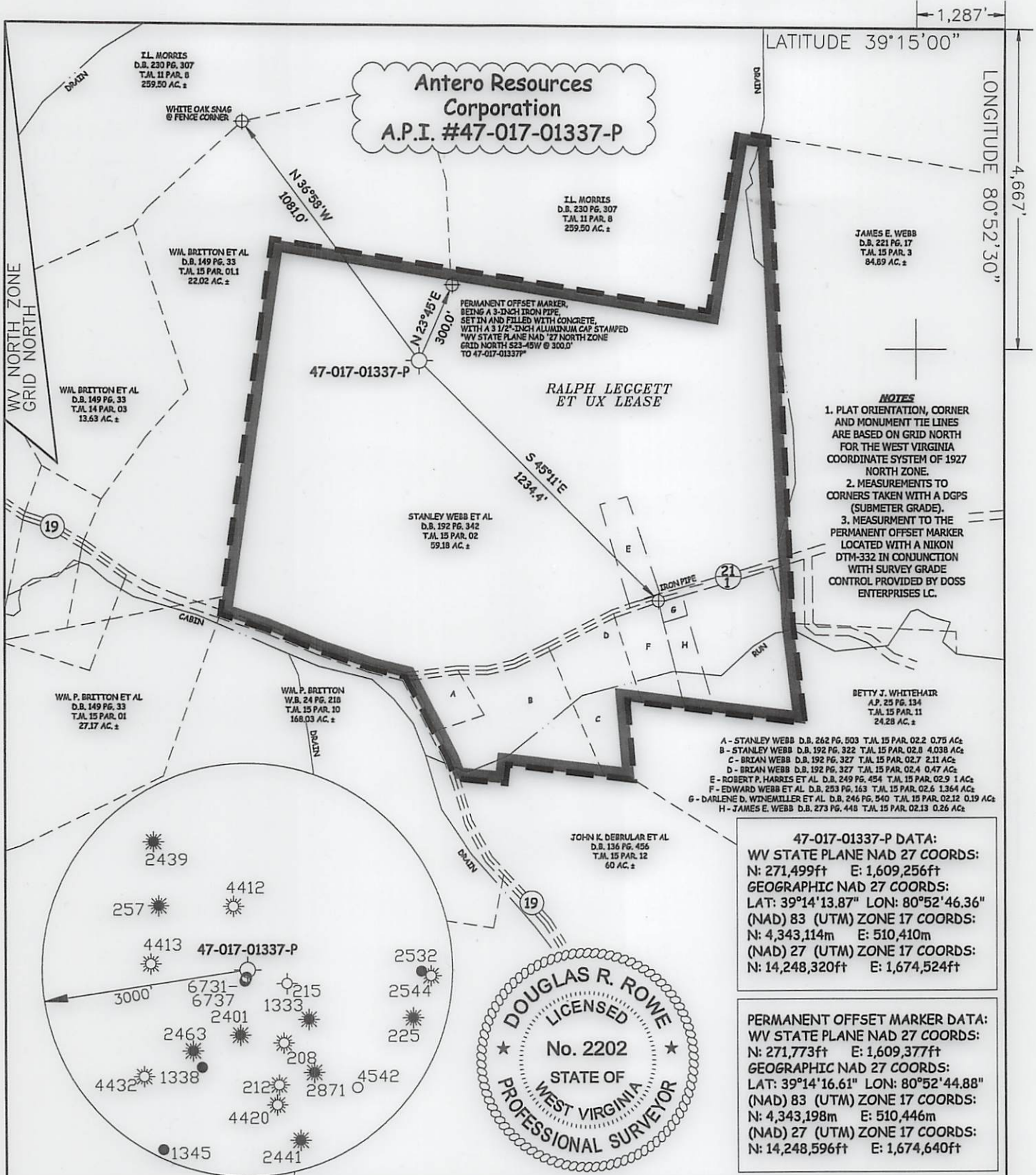
1965 JUN 21 10 27 22

RECEIVED  
JUN 17 1965  
W. VA. DEPT. OF MINES

RECEIVED  
JUN 17 1965  
West Virginia  
Oil & Gas

Description of Monument  
Pins placed in...





**NOTES**

1. PLAT ORIENTATION, CORNER AND MONUMENT TIE LINES ARE BASED ON GRID NORTH FOR THE WEST VIRGINIA COORDINATE SYSTEM OF 1927 NORTH ZONE.
2. MEASUREMENTS TO CORNERS TAKEN WITH A DGPS (SUBMETER GRADE).
3. MEASUREMENT TO THE PERMANENT OFFSET MARKER LOCATED WITH A NIKON DTM-332 IN CONJUNCTION WITH SURVEY GRADE CONTROL PROVIDED BY DOSS ENTERPRISES LC.

- A - STANLEY WEBB D.B. 262 PG. 503 T.J. 15 PAR. 02.2 0.75 AC.
- B - STANLEY WEBB D.B. 192 PG. 322 T.J. 15 PAR. 02.8 4.038 AC.
- C - BRIAN WEBB D.B. 192 PG. 327 T.J. 15 PAR. 02.7 2.11 AC.
- D - BRIAN WEBB D.B. 192 PG. 327 T.J. 15 PAR. 02.4 0.47 AC.
- E - ROBERT P. HARRIS ET AL D.B. 249 PG. 454 T.J. 15 PAR. 02.9 1 AC.
- F - EDWARD WEBB ET AL D.B. 253 PG. 163 T.J. 15 PAR. 02.6 1.364 AC.
- G - DARLENE D. WINEMILLER ET AL D.B. 246 PG. 540 T.J. 15 PAR. 02.12 0.19 AC.
- H - JAMES E. WEBB D.B. 273 PG. 448 T.J. 15 PAR. 02.13 0.26 AC.

**47-017-01337-P DATA:**  
 WV STATE PLANE NAD 27 COORDS:  
 N: 271,499ft E: 1,609,256ft  
 GEOGRAPHIC NAD 27 COORDS:  
 LAT: 39°14'13.87" LON: 80°52'46.36"  
 (NAD) 83 (UTM) ZONE 17 COORDS:  
 N: 4,343,114m E: 510,410m  
 (NAD) 27 (UTM) ZONE 17 COORDS:  
 N: 14,248,320ft E: 1,674,524ft

**PERMANENT OFFSET MARKER DATA:**  
 WV STATE PLANE NAD 27 COORDS:  
 N: 271,773ft E: 1,609,377ft  
 GEOGRAPHIC NAD 27 COORDS:  
 LAT: 39°14'16.61" LON: 80°52'44.88"  
 (NAD) 83 (UTM) ZONE 17 COORDS:  
 N: 4,343,198m E: 510,446m  
 (NAD) 27 (UTM) ZONE 17 COORDS:  
 N: 14,248,596ft E: 1,674,640ft

JOB # **16-064WA**  
 DRAWING # **4701701337P**  
 SCALE **1" = 500'**  
 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 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

**LEGEND**  
 ——— Surface Owner Boundary Lines +/-  
 - - - - - Adjoining Surface Tracts +/-  
 ⊕ Found monument, as noted

*D. Rowe*  
 DOUGLAS R. ROWE P.S. 2202

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 1,095' WATERSHED NORTH FORK HUGHES RIVER

QUADRANGLE PULLMAN 7.5' DISTRICT CENTRAL COUNTY DODDRIDGE

SURFACE OWNER STANLEY WEBB ET AL ACREAGE 59.18 ACRES +/-  
 OIL & GAS ROYALTY OWNER RALPH LEGGETT ET UX LEASE ACREAGE 75 ACRES±

PROPOSED WORK: DRILL \_\_\_ CONVERT \_\_\_ DRILL DEEPER \_\_\_ REDRILL \_\_\_ FRACTURE OR STIMULATE \_\_\_ PLUG OFF OLD FORMATION \_\_\_ PERFORATE NEW FORMATION \_\_\_  
 OTHER PHYSICAL CHANGE IN WELL (SPECIFY)  OFFSET MONUMENT

PLUG & ABANDON \_\_\_ CLEAN OUT & REPLUG \_\_\_ ESTIMATED DEPTH \_\_\_\_\_  
 TARGET FORMATION \_\_\_\_\_

WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT DIANNA STAMPER  
 ADDRESS 1615 WYNKOOP STREET ADDRESS 5400 D BIG TYLER ROAD  
DENVER, CO 80202 CHARLESTON, WV 25313

12/23/2016



**WELL OPERATOR** ANTERO RESOURCES CORP.  
**ADDRESS** 1812 WYNKOOP STREET  
**DENVER, CO 80202**

**DESIGNATED AGENT** DIANNA STAMPER  
**ADDRESS** 5400 D BIG TYLER ROAD  
**CHARLESTON, WV 25313**

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

**LOCATION:** ELEVATION 1095' QUADRANGLE PULLMAN T.S.  
 DISTRICT CENTRAL COUNTY DODDRIDGE  
 WATERSHED NORTH FORK HUGHES RIVER

**WELL #** 47-017-01337-P  
**API WELL #** 017  
**PERMIT**

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

**PROVEN SOURCE OF ELEV.** SUBMETER MAPPING GRADE GPS  
**ACCURACY** SUBMETER  
**MINIMUM DEGREE OF**

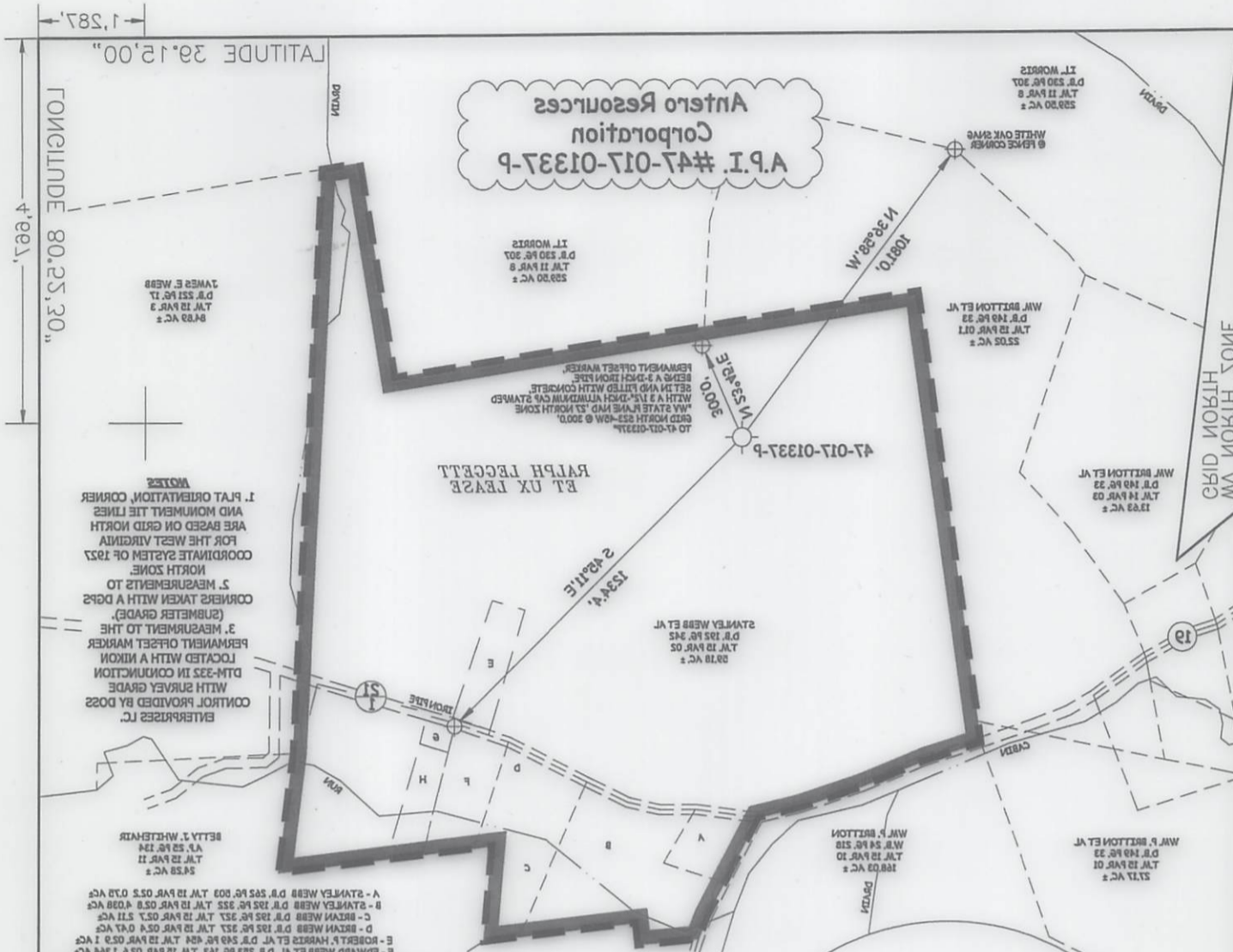
**DRAWING #** 470101337P  
**JOB #** 16-084WA  
**SCALE** 1" = 500'  
**INFORMATION** REQUIRED BY LAW AND THE RULES ISSUED AND PERSCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.

I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAN IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOW ALL THE



**PERMANENT OFFSET MARKER DATA:**  
 (NAD) 27 (UTM) ZONE 17 COORDS: N: 14,248,254ft E: 1,674,840ft  
 (NAD) 83 (UTM) ZONE 17 COORDS: N: 4,343,128m E: 510,446m  
 LAT: 39°14'16.61" LON: 80°52'44.88"  
 GEGRAPHIC NAD 27 COORDS: N: 271,737ft E: 1,609,377ft  
 (NAD) 83 (UTM) ZONE 17 COORDS: N: 14,248,350ft E: 1,674,854ft  
 (NAD) 27 (UTM) ZONE 17 COORDS: N: 4,343,114m E: 510,410m  
 LAT: 39°14'13.87" LON: 80°52'46.36"  
 GEGRAPHIC NAD 27 COORDS: N: 271,499ft E: 1,609,286ft  
 (NAD) 83 (UTM) ZONE 17 COORDS: N: 14,248,350ft E: 1,674,854ft  
**47-017-01337-P DATA:**

**NOTES:**  
 1. PLAT ORIENTATION, CORNER AND MONUMENT THE LINES ARE BASED ON GRID NORTH FOR THE WEST VIRGINIA COORDINATE SYSTEM OF 1923 NORTH ZONE.  
 2. MEASUREMENTS TO CORNERS TAKEN WITH A GPS (SUBMETER GRADE).  
 3. MEASUREMENT TO THE PERMANENT OFFSET MARKER LOCATED WITH A NIKON DTM-225 IN CONJUNCTION WITH SURVEY GRADE ENTERPRISES LC CONTROL PROVIDED BY DOSS ENTERPRISES LC.  
 4. STANLEY WEBB D.B. 252 P.C. 203 T.M. 12 PAR. 052, 078 AC.  
 5. STANLEY WEBB D.B. 125 P.C. 322 T.M. 12 PAR. 058, 408 AC.  
 6. BRAHMAN WEBB D.B. 125 P.C. 322 T.M. 12 PAR. 057, 511 AC.  
 7. BRAHMAN WEBB D.B. 125 P.C. 322 T.M. 12 PAR. 054, 042 AC.  
 8. ROBERT F. HARRIS ET AL. D.B. 249 P.C. 494 T.M. 12 PAR. 053, 1 AC.  
 9. EDWARD WEBB ET AL. D.B. 252 P.C. 183 T.M. 12 PAR. 054, 134 AC.  
 10. DANIEL D. WHEELER ET AL. D.B. 246 P.C. 240 T.M. 12 PAR. 072, 078 AC.  
 11. JAMES E. WEBB D.B. 239 P.C. 448 T.M. 12 PAR. 051, 058 AC.



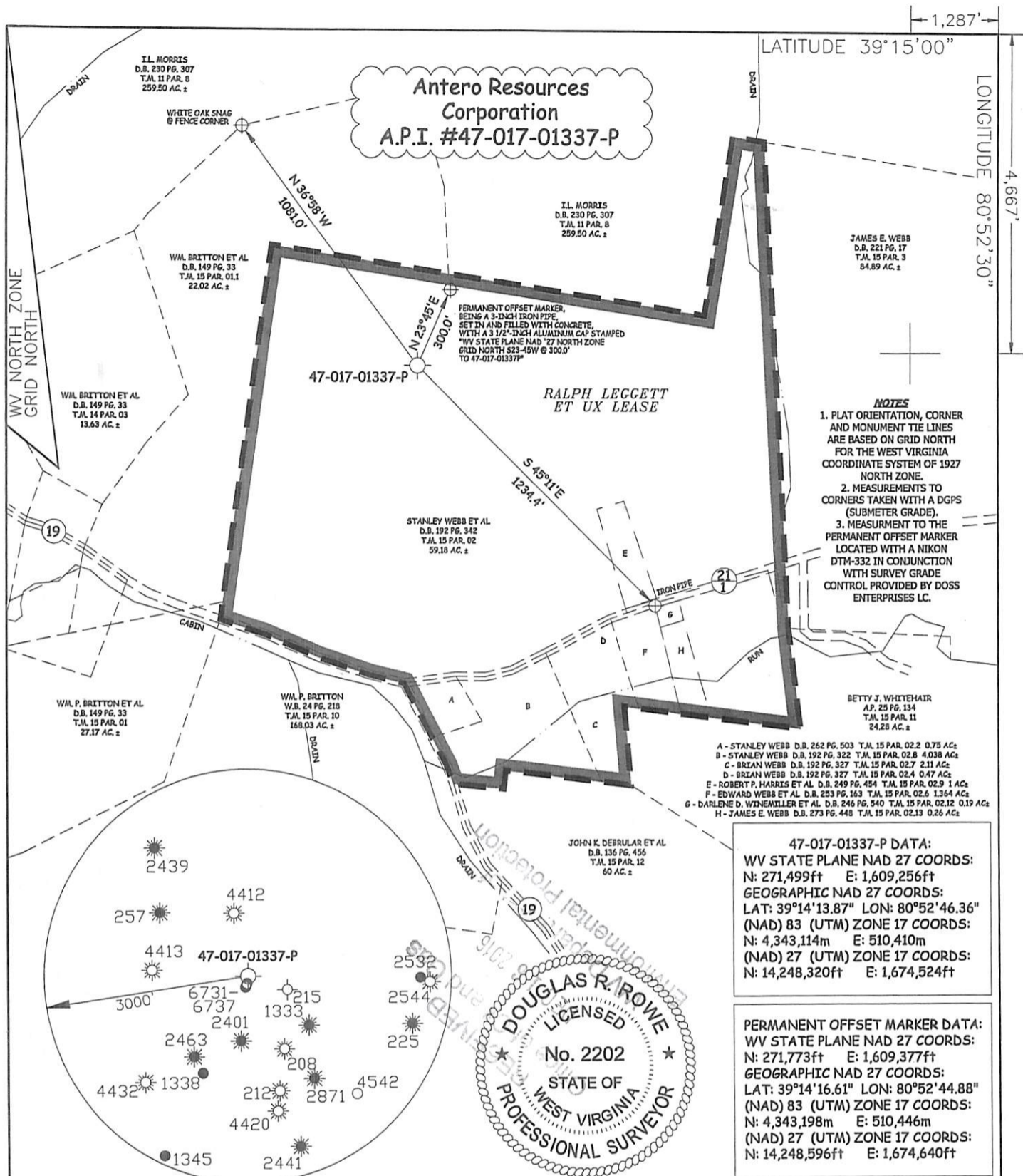
**ANTERO RESOURCES CORPORATION**  
**A.P.I. #47-017-01337-P**

**RALPH LEGGETT**  
**ET UX LEASE**

LONGITUDE 80.25,30"  
 LATITUDE 39.12,00"  
 4' 99.1"



17 01337 P



LATITUDE 39°15'00"  
 LONGITUDE 80°52'30"  
 4,667'

**Antero Resources Corporation**  
**A.P.I. #47-017-01337-P**

- NOTES**
1. PLAT ORIENTATION, CORNER AND MONUMENT TIE LINES ARE BASED ON GRID NORTH FOR THE WEST VIRGINIA COORDINATE SYSTEM OF 1927 NORTH ZONE.
  2. MEASUREMENTS TO CORNERS TAKEN WITH A DGPS (SUBMETER GRADE).
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STATE OF WEST VIRGINIA, DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS  
 WILLLOW LAND SURVEYING PLLC  
 220 MASONIC AVE PENNSBORO WEST VIRGINIA 26415

**LEGEND**  
 ——— Surface Owner Boundary Lines +/-  
 - - - - - Adjoining Surface Tracts +/-  
 ⊕ Found monument, as noted

DOUGLAS R. ROWE P.S. 2202

DATE **12/07/16**  
 OPERATOR'S WELL# **RALPH LEGGETT #3**

API WELL # **47 - 017 - 01337-P**  
 STATE COUNTY PERMIT

QUADRANGLE **PULLMAN 7.5'** DISTRICT **CENTRAL** COUNTY **DODDRIDGE**

SURFACE OWNER **STANLEY WEBB ET AL** ACREAGE **59.18 ACRES +/-**  
 OIL & GAS ROYALTY OWNER **RALPH LEGGETT ET UX** LEASE ACREAGE **75 ACRES±**

PROPOSED WORK: DRILL  CONVERT  DRILL DEEPER  REDRILL  FRACTURE OR STIMULATE  PLUG OFF OLD FORMATION  PERFORATE NEW FORMATION

OTHER PHYSICAL CHANGE IN WELL (SPECIFY) **X - OFFSET MONUMENT**  
 PLUG & ABANDON  CLEAN OUT & REPLUG  ESTIMATED DEPTH \_\_\_\_\_  
 TARGET FORMATION \_\_\_\_\_  
 WELL OPERATOR **ANTERO RESOURCES CORP.** DESIGNATED AGENT **DIANNA STAMPER**  
 ADDRESS **1615 WYNKOOP STREET** ADDRESS **CT CORPORATION SYSTEM**  
**DENVER, CO 80202** **5400 D BIG TYLER ROAD**  
**CHARLESTON, WV 25313**

12/23/2016

COUNTY NAME PERMIT