



west virginia department of environmental protection

Office of Oil and Gas
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Earl Ray Tomblin, Governor
Randy C. Huffman, Cabinet Secretary
www.dep.wv.gov

May 17, 2016

FINAL INSPECTION REPORT

Well Permit Cancelled

ANTERO RESOURCES CORPORATION,

The FINAL INSPECTION REPORT for the CANCELLED permit, API Well Number: 47-1706365, issued to ANTERO RESOURCES CORPORATION, and listed below has been received in this office. The permit has been cancelled as of 5/13/2016.

James Martin
Chief

Operator: ANTERO RESOURCES CORPORATION
Operator's Well No: SANDRA UNIT 2H
Farm Name: FLOYD, HOMER LEROY
API Well Number: 47-1706365
Date Issued: 10/01/2013

Date Cancelled: 05/13/2016

Promoting a healthy environment.

06/10/2016

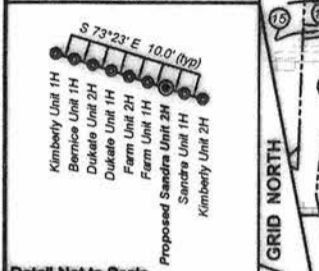
9,762' to Bottom Hole

1,842' to Top Hole
Bottom Hole LATITUDE 39 - 12 - 30
Top Hole LATITUDE 39 - 15 - 00

Top Hole LONGITUDE 80 - 35 - 00
Bottom Hole LONGITUDE 80 - 32 - 30
5,145' to Bottom Hole
10,089' to Top Hole

Antero Resources
Well No. Sandra Unit 2H
Antero Resources Corporation

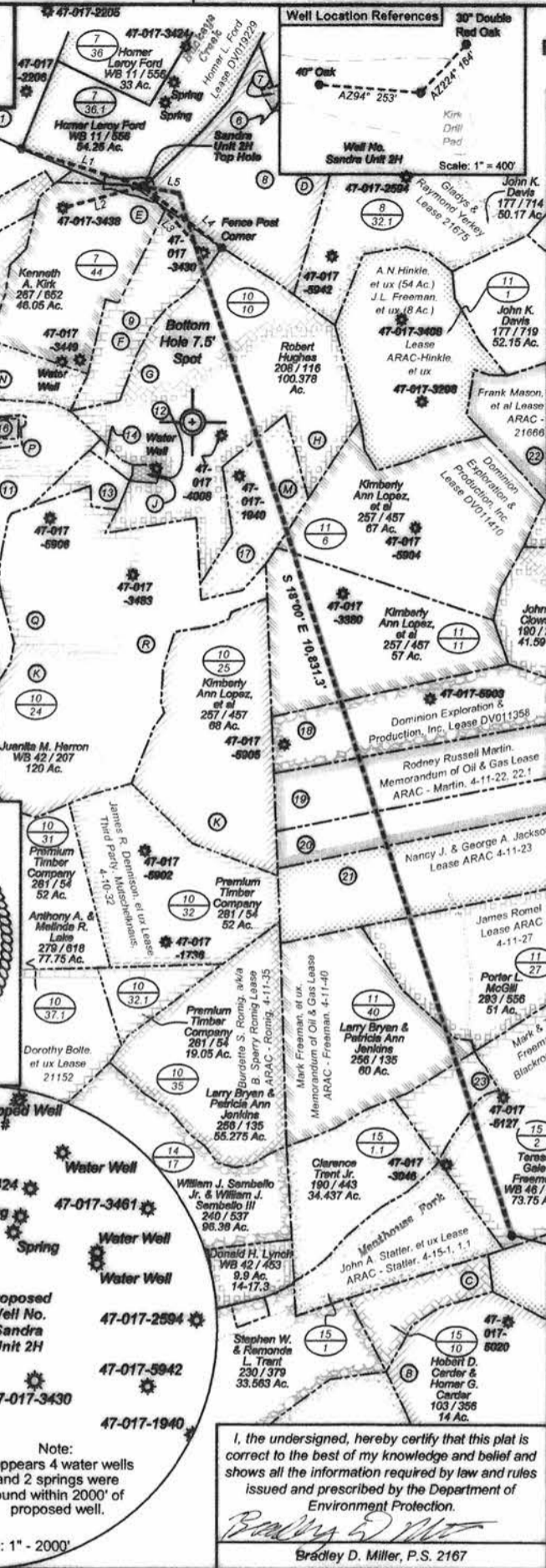
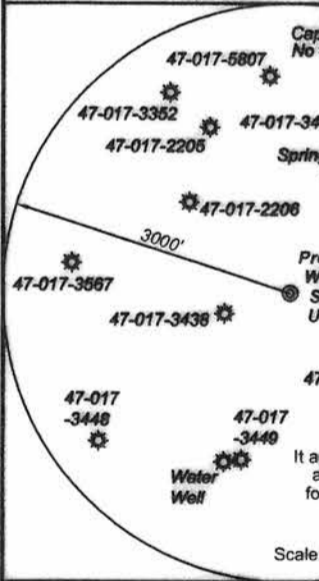
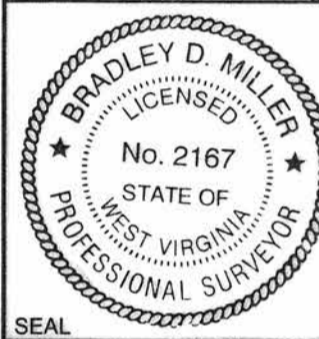
Bearing	Dist.
L1 S 73°20' E	1,272.4'
L2 N 75°08' E	832.4'
L3 N 42°55' W	889.9'
L4 N 52°40' W	990.2'
L5 S 78°57' E	363.1'



Detail Not to Scale

Legend

- Proposed gas well
- Found corner, as noted
- Found Well, as noted
- Surface boundary (approx.)
- Interior surface tracts (approx.)
- Existing Road
- Creek or Drain



Tag	TM / Par	Parcel Owner	Bk / Pg	Acres
1	7 / 29	James L. Dukate	211 / 292	80.50
2	7 / 41	Richard L. & Donna R. Campbell	222 / 634	16.40
3	7 / 42	William W. Nicholas	152 / 719	13.00
4	7 / 43	Martha M. & Blaine E. Devericks	163 / 590	10.00
5	7 / 43.1	Martha M. & Blaine E. Devericks	163 / 590	28.00
6	8 / 25.5	Leo G. & Martha L. King	260 / 596	0.71
7	8 / 25	Pamela Clevenger	WB 40 / 100	1.16
8	8 / 25.3	John K. & Mary J. Davis	200 / 338	66.17
9	10 / 9.1	Kenneth A. Kirk	267 / 652	46.05
10	10 / 9	Kenneth A. Kirk	267 / 652	18.50
11	10 / 17.5	Rae D. & Thomas A. Johnson Sr.	274 / 606	36.40
12	10 / 10.1	Adam L. Swentzel	273 / 121	1.09
13	10 / 17.6	Demetrius Travis	233 / 370	5.76
14	10 / 17.1	Meredith A. & Patrick S. Manning	271 / 632	1.59
15	10 / 17.9	Joshua D. Powell	261 / 239	1.07
16	10 / 17.4	Joshua D. & Chastly L. Powell	250 / 351	1.38
17	11 / 5	Robert B. & Evelyn M. Hughes	253 / 633	25.00
18	11 / 16	Kimberly Ann Lopez, et al	257 / 457	36.30
19	11 / 22.1	Sandra K. Richards	WB 26 / 32	35.80
20	11 / 22	Sandra K. Richards	WB 26 / 32	23.00
21	11 / 23	Paul D. & Lee K. Hutson	273 / 682	50.79
22	11 / 7	John K. & Mary Jo Davis	250 / 506	72.00
23	15 / 2.1	Larry B. & Patricia A. Jenkins	190 / 601	11.70

U	ARAC - Osburn	Donald E. Osburn, et ux
T	ARAC - Brown	Guy R. Brown, et ux
S	p/o Third Party - Mutschelknaus	Gary R. Brown, et ux
R	No Lease Found	White Space, p/o 4-10-24 & p/o 4-10-25
Q	DV011298, DV000792	Dominion Exploration & Production Inc. 70 Ac., Ora Virginia White 70 Ac.
P	DAD37927/001	Cecil E. Knight, et ux
N	ARAC - Knight, et al	Opal B. Knight
M	ARAC - Jessie Knight	Jessie Knight, et al
L	ARAC - Devericks	Blaine W. Devericks, et ux Memorandum of Oil & Gas 4-7-43, 43.1
K	ARAC - Broome	Ed Broome Inc. Memorandum of Oil & Gas p/o 4-10-24, p/o 4-10-25
J	ARAC - Welch	Mary Maxine Welch p/o 4-10-10, 1.09 Ac.
H	ARAC - Welch	Mary Maxine Welch p/o 4-10-10, 58.16 Ac.
G	ARAC - Welch	Mary Maxine Welch p/o 4-10-10, 31.828 Ac.
F	DAD37959/004	Cecil E. Knight, et ux
E	DAD35254	Paulina M. Corliss & Margaret H. Vincent
D	ARAC - Ford	Darrell Ford, et ux, et al
C	ARAC - Carder	Hills Perkins, et al
B	010276	Joseph B. & S.H. Carder
A	ARAC 4-15-3	Avery Gaskins, et ux
Tag	Lease	Lesser

Notes:

West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements.

Well No. Sandra Unit 2H Top Hole coordinates are
N: 264,926.39 Latitude: 39°13'20.07"
E: 1,691,364.89 Longitude: 80°35'21.86"

Bottom Hole coordinates are
N: 254,555.55 Latitude: 39°11'38.01"
E: 1,695,068.30 Longitude: 80°34'33.22"

UTM Zone 17, NAD 1983

Top Hole Coordinates: N: 4,341,529.592m E: 535,458.208m
Bottom Hole Coordinates: N: 4,338,388.933m E: 536,639.139m

Plat orientation and corner and well references are based upon the grid north meridian. Well location references are based upon the magnetic meridian.

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 rules issued and prescribed by the Department of Environmental Protection.

Bradley D. Miller
Bradley D. Miller, P.S. 2167

FILE NO: 318-30-G-12
DRAWING NO: 318-12 Sandra Unit 2H
SCALE: 1" = 1600'
MINIMUM DEGREE OF ACCURACY: Submeter
PROVEN SOURCE OF ELEVATION: WVDOT, Bridgeport, WV

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS

DATE: July 15 20 13
OPERATOR'S WELL NO. Sandra Unit 2H
API WELL NO
47 - 017 - 06365 46A
STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL

(IF GAS) PRODUCTION: STORAGE DEEP SHALLOW

LOCATION: ELEVATION: 1297' WATERSHED: Big Isaac Creek QUADRANGLE: Big Isaac 60;
DISTRICT: Greenbrier Rodney Russell Martin, Memorandum of Oil & Gas; Darrell Ford, et ux, et al; Mark Freeman, et ux, Memorandum of Oil & Gas; COUNTY: Doddridge 06/10/2013
SURFACE OWNER: Homer Leroy Floyd Mary Maxine Welch (2); Cecil E. Knight, et ux; Homer L. Ford; DV019229; ACREAGE: 54.25 25; 124; 51;
OIL & GAS ROYALTY OWNER: Dominion Exploration & Production, Inc. (2); James Romel; Jessie Knight, et al; DAD37999/004; 50.99; 85.25;
PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____ TVD 7,500'
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: MD 18,800'

WELL OPERATOR: Antero Resources Corporation DESIGNATED AGENT: Dianna Stamper - CT Corporation System
ADDRESS: 1625 17th Street ADDRESS: 5400 D Big Tyler Road
Denver, CO 80202 Charleston, WV 25313