west virginia department of environmental protection

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

Harold D. Ward, Cabinet Secretary
www.dep.wv.gov

Thursday, October 1, 2026
PERMIT MODIFICATION APPROVAL
Horizontal 6A / New Drill

ANTERO RESOURCES CORPORATION
1615 WYNKOOP STREET

DENVER, CO 80202

Re: Permit Modification Approval for GOFF S-5H
47-085-10601-00-00

Lateral Extension with Forced Pooling

ANTERO RESOURCES CORPORATION

The Office of Oil and Gas has reviewed the attached permit modification for the above referenced permit. The attached modification has been approved and well work may begin. Please be reminded that the oil and gas inspector is to be notified twenty-four (24) hours before permitted well work is commenced.

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

H. Jason Harmon
Chief

Operator's Well Number:	GOFF S-5H
Farm Name:	RANDALL GOFF
U.S. WELL NUMBER:	47-085-10601-00-00
Horizontal 6A	New Drill
Date Modification Issued:	10/01/2026

10/02/2026

WW-6B
(04/15)

API NO. 47- 085 - 10601
OPERATOR WELL NO. Goff S-5H MOD
Well Pad Name: Goff Pad

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
WELL WORK PERMIT APPLICATION

1) Well Operator:	Antero Resources Corporat	494507062	085- Ritchie	Union	Pullman
		Operator ID	County	District	Quadrangle

2) Operator's Well Number: Goff S-5H MOD Well Pad Name: Goff Pad

3) Farm Name/Surface Owner: Randall Goff Public Road Access: Turtle Run

4) Elevation, current ground: 916' Elevation, proposed post-construction: 916'

5) Well Type (a) Gas X Oil _____ Underground Storage _____
Other _____
(b)If Gas Shallow X Deep _____
Horizontal X

6) Existing Pad: Yes or No Yes

7) Proposed Target Formation(s), Depth(s), Anticipated Thickness and Expected Pressure(s):
Marcellus Shale: 6800' TVD, Anticipated Thickness- 55 feet, Associated Pressure- 2800#

8) Proposed Total Vertical Depth: 6800' TVD

9) Formation at Total Vertical Depth: Marcellus

10) Proposed Total Measured Depth: 28900' MD

11) Proposed Horizontal Leg Length: 19170'

12) Approximate Fresh Water Strata Depths: 700'

13) Method to Determine Fresh Water Depths: 47-085-01246

14) Approximate Saltwater Depths: 1791'

15) Approximate Coal Seam Depths: 302', 622'

16) Approximate Depth to Possible Void (coal mine, karst, other): None Anticipated

17) Does Proposed well location contain coal seams directly overlying or adjacent to an active mine? Yes _____ No X

(a) If Yes, provide Mine Info: Name: _____
Depth: _____
Seam: _____
Owner: _____

CK# 4056697
$7500.00
9/15/2026

Jeremy Newlon 9-21-2026

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10/02/2026

WW-6B
(04/15)

API NO. 47- 085 - 10601
OPERATOR WELL NO. Goff S-5H MOD
Well Pad Name: Goff Pad

18) **CASING AND TUBING PROGRAM**

TYPE	Size (in)	New or Used	Grade	Weight per ft. (lb/ft)	FOOTAGE: For Drilling (ft)	INTERVALS: Left in Well (ft)	CEMENT: Fill-up (Cu. Ft.)/CTS
Conductor	20"	New	J-55	94#	100	100	CTS, 96 Cu. Ft.
Fresh Water	13-3/8"	New	J-55	54.5#	800'	800'	CTS, 834 Cu. Ft.
Coal	9-5/8"	New	J-55	40#	3000'	3000'	CTS, 1221 Cu. Ft.
Intermediate							
Production	5-1/2"	New	P-110	23#	28900'	28900'	6355 Cu. Ft
Tubing	2-3/8"	New	N-80	4.7#			
Liners							

TYPE	Size (in)	Wellbore Diameter (in)	Wall Thickness (in)	Burst Pressure (psi)	Anticipated Max. Internal Pressure (psi)	Cement Type	Cement Yield (cu. ft./k)
Conductor	20"	24"	0.438"	1530	50	Class A/L	~1.18
Fresh Water	13-3/8"	17-1/2"	0.38"	2730	1000	Class A/L	~1.18
Coal	9-5/8"	12-1/4"	0.352"	3520	1500	Class A/L	~1.18
Intermediate							
Production	5-1/2"	8-3/4" & 8-1/2"	0.415"	12,630	2500	Lead-H/POZ & Tail - H	H/POZ-1.44 & H-1.8
Tubing	2-3/8"	4.778"	0.19"	11,200			
Liners							

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SEP 22 2026
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PACKERS

Kind:	N/A			
Sizes:	N/A			
Depths Set:	N/A			

Jeremy Newlon 9-21-2026

10/02/2026

WW-6B
(10/14)

API NO. 47- 085 - 10601
OPERATOR WELL NO. Goff S-5H MOD
Well Pad Name: Goff Pad

19) Describe proposed well work, including the drilling and plugging back of any pilot hole:

Drill, perforate, fracture a new shallow well and complete Marcellus Shale.

20) Describe fracturing/stimulating methods in detail, including anticipated max pressure and max rate:

Antero plans to pump Slickwater into the Marcellus Shale formation in order to ready the well for production. The fluid will be comprised of approximately 99 percent water and sand, with less than 1 percent special-purpose additives as shown in the attached "List of Anticipated Additives Used for Fracturing or Stimulating Well."

Anticipated Max Pressure - 9300 lbs
Anticipated Max Rate - 80 bpm

21) Total Area to be disturbed, including roads, stockpile area, pits, etc., (acres): 36.68 acres

22) Area to be disturbed for well pad only, less access road (acres): 17.70 acres

23) Describe centralizer placement for each casing string:

Conductor: no centralizers
Surface Casing: one centralizer 10' above the float shoe, one on the insert float collar and one every 4th joint spaced up the hole to surface.
Intermediate Casing: one centralizer above float joint, one centralizer 5' above float collar and one every 4th collar to surface.
Production Casing: one centralizer at shoe joint and one every 3 joints to top of cement in intermediate casing.

24) Describe all cement additives associated with each cement type:

Conductor: no additives, Class A/L cement.
Surface: Class A/L cement with 2-3% calcium chloride and 1/4 lb of flake
Intermediate: Class A/L cement with 1/4 lb of flake, 5 gallons of clay treat
Production: Lead cement- 50/50 Class H/Poz + 1.5% salt + 1% C-45 + 0.5% C-16a + 0.2% C-12 + 0.45% C-20 + 0.05% C-51
Production: Tail cement- Class H + 45 PPS Calcium Carbonate + 1.0% FL-160 + 0.2% ACGB-47 + 0.05% ACSA-51 + 0.2% ACR-20

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25) Proposed borehole conditioning procedures:

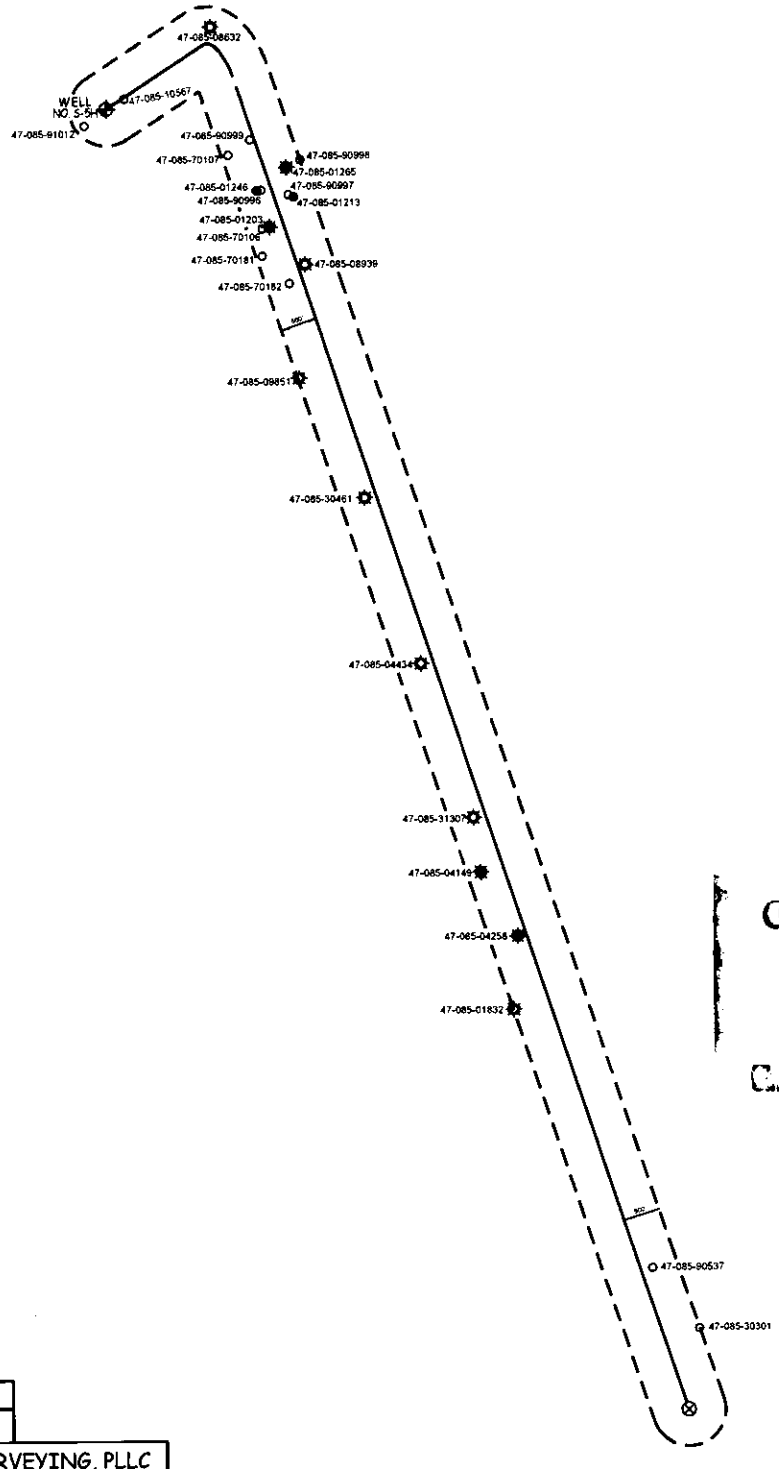
Conductor: blowhole clean with air, run casing, 10 bbls fresh water.
Surface: blowhole clean with air, trip to conductor shoe, trip to bottom, blowhole clean with air, trip out, run casing, circulate pipe capacity + 40 bbls fresh water followed by 25 bbls bentonite mud, 10 bbls fresh water spacer.
Intermediate: blowhole clean with air, trip to surface casing shoe, trip to bottom, blowhole clean with air, trip out, run casing, circulate 40 bbls brine water followed by 10 bbls fresh water and 25 bbls bentonite mud, pump 10 bbls fresh water.
Production: circulate with 14 lb/gal NaCl mud, trip to middle of lateral, circulate, pump high viscosity sweep, trip to base of curve, pump high viscosity sweep, trip to top of curve, trip to bottom, circulate, pump high viscosity sweep, trip out, run casing, circulate 10 bbls fresh water, pump 48 bbls barite pill, pump 10 bbls fresh water followed by 48 bbls mud flush and 10 bbls water.

*Note: Attach additional sheets as needed.

Jeremy Newlon 9-21-2026

10/02/2026

GOFF PAD
ANTERO RESOURCES CORPORATION



Office of Oil and Gas
SEP 22 2026
WV Department of
Environmental Protection

JOB #: 26-007WA

FILE: GOFFS-5HAOR.DWG

WILLOW LAND SURVEYING, PLLC
P.O. BOX 17, PENNSBORO, WV 26415
(304) 659-1717

DATE: 09/09/26 | DRAWN BY: T.B.S.

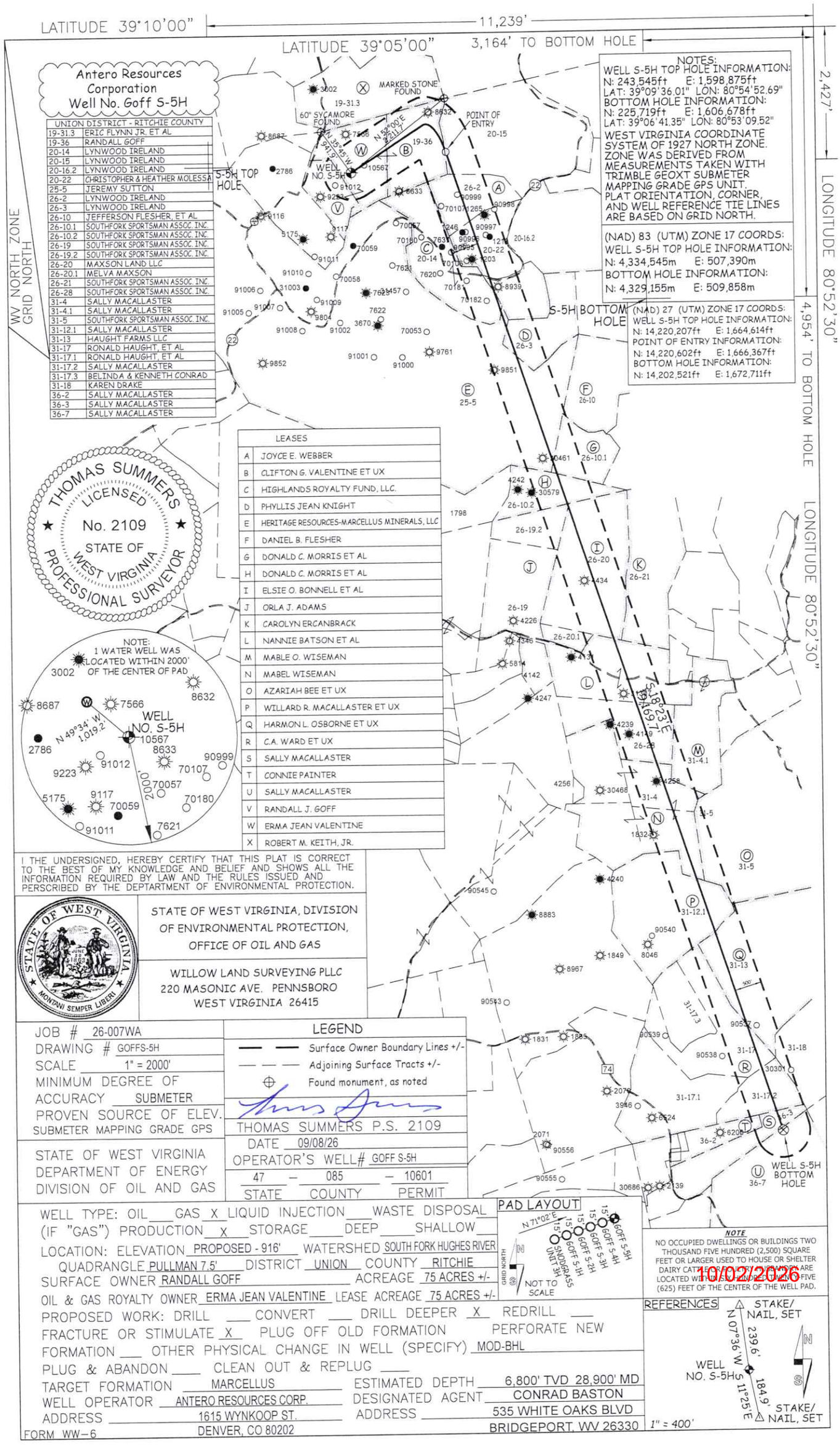
SCALE : 1-INCH = 2000-FEET

0' 2000' 4000' 6000'

10/02/2026

UWI (APINum)	Well Name	Well Number	Operator	Hist Oper	TD	Perforated Interval (shallowest, deepest)	Perforated Formation(s)	Producible Formation(s) not perf'd	Well Hyperlink
4708510567	GOFF UNIT	5V	ANTERO RESOURCES CORPORATION						WVGES
4708591012									WVGES
4708590999									WVGES
4708508632	VALENTINE CLIFTON &	1	KEY OIL	KEY OIL INC	5,428	3346-5142	Warren, Balltown, Riley, Benson, Alexander	Weir	WVGES
4708570107	IRELAND G M	6	HARTMAN OIL CO	HARTMAN OIL CO					WVGES
4708501246	G M IRELAND HEIRS	25	IRELAND R A	IRELAND R A	1,860		Big Injun	Weir, Benson, Alexander	WVGES
4708590996									WVGES
4708501203	G M IRELAND HEIRS	23	IRELAND R A	IRELAND R A	1,887		Big Injun	Weir, Benson, Alexander	WVGES
4708570106	IRELAND G M	6	HARTMAN OIL CO	HARTMAN OIL CO					WVGES
4708570181	PERRY-DAVIS	4	CARTER OIL CO	CARTER OIL CO					WVGES
4708570182	PERRY-DAVIS	6	CARTER OIL CO	CARTER OIL CO					WVGES
4708590998									WVGES
4708501265	GUY IRELAND	26	HAUGHT INC	HAUGHT INC	1,882		Big Injun	Weir, Benson, Alexander	WVGES
4708590997									WVGES
4708501213	G M IRELAND HEIRS	24	IRELAND R A	IRELAND R A	1,827				WVGES
4708508939	IRELAND W	4	KEY OIL	KEY OIL INC	5,035	4198 - 4867	Riley, Benson, Alexander	Weir	WVGES
4708509851	FLANAGHAN Z	34647	DIVERSIFIED PRODUCTION LLC	DOMINION EXPL&PROD	5,280	2635 - 5105	Bradford, Riley, Alexander	Weir, Benson	WVGES
4708530461	R C BEE	1	HOPE NATURAL GAS	HOPE NATURAL GAS	1,926		Big Injun	Weir, Benson, Alexander	WVGES
4708504434	MAXTON GLENN ETAL	1	DEEM J F OIL & GAS LLC	MAGNUM OIL & GAS CO	2,526	2157 - 2223	Weir	Benson, Alexander	WVGES
4708531307	MARTHA BATSON 2	1337	CARNEGIE NATURAL GAS	CARNEGIE NATURAL GAS	2,888		Maxton, Big Lime	Weir, Benson, Alexander	WVGES
4708504149	BATSON NANNIE	1	DEEM J F OIL & GAS LLC	PRIOR FERRELL L	2,350		Udev, Lo Huron	Riley, Weir, Benson, Alexander	WVGES
4708504258	WISEMAN MABEL	1	DEEM J F OIL & GAS LLC	PRIOR FERRELL L	2,525	2044 - 2479	Big Injun, Weir, Berea	Riley, Weir, Benson, Alexander	WVGES
4708501832	MABEL WISEMAN	1	RIGGS JOHN	FERRELL WILLARD E	2,215		Greenbrier Group	Riley, Weir, Benson, Alexander	WVGES
4708590537									WVGES
4708530301	J M LOWTHER	1	HOPE NATURAL GAS	HOPE NATURAL GAS	2,025		Big Lime, Big Injun	Riley, Weir, Benson, Alexander	WVGES

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LATITUDE 39°10'00"
11,239'
LATITUDE 39°05'00"
3,164' TO BOTTOM HOLE
2,427'
LONGITUDE 80°52'30"
WV NORTH ZONE GRID NORTH
Antero Resources Corporation
Well No. Goff S-5H
NOTES:
WELL S-5H TOP HOLE INFORMATION:
N: 243,545ft E: 1,598,875ft
LAT: 39°09'36.01" LON: 80°54'52.69"
BOTTOM HOLE INFORMATION:
N: 225,719ft E: 1,606,678ft
LAT: 39°06'41.35" LON: 80°53'09.52"
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 S-5H TOP HOLE INFORMATION:
N: 4,334,545m E: 507,390m
BOTTOM HOLE INFORMATION:
N: 4,329,155m E: 509,858m
(NAD) 27 (UTM) ZONE 17 COORDS:
WELL S-5H TOP HOLE INFORMATION:
N: 14,220,207ft E: 1,664,614ft
POINT OF ENTRY INFORMATION:
N: 14,220,602ft E: 1,666,367ft
BOTTOM HOLE INFORMATION:
N: 14,202,521ft E: 1,672,711ft
4,954' TO BOTTOM HOLE
LONGITUDE 80°52'30"
S-5H TOP HOLE
WELL NO. S-5H
S-5H BOTTOM HOLE
MARKED STONE FOUND
POINT OF ENTRY
60" SYCAMORE FOUND
N 53°09'E 3217.7'
N 36°45'W 3947.9'
UNION DISTRICT - RITCHIE COUNTY
19-31.3 ERIC FLYNN JR. ET AL
19-36 RANDALL GOFF
20-14 LYNWOOD IRELAND
20-15 LYNWOOD IRELAND
20-16.2 LYNWOOD IRELAND
20-22 CHRISTOPHER & HEATHER MOLESSA
25-5 JEREMY SUTTON
26-2 LYNWOOD IRELAND
26-3 LYNWOOD IRELAND
26-10 JEFFERSON FLESHER, ET AL
26-10.1 SOUTHFORK SPORTSMAN ASSOC. INC.
26-10.2 SOUTHFORK SPORTSMAN ASSOC. INC.
26-19 SOUTHFORK SPORTSMAN ASSOC. INC.
26-19.2 SOUTHFORK SPORTSMAN ASSOC. INC.
26-20 MAXSON LAND LLC
26-20.1 MELVA MAXSON
26-21 SOUTHFORK SPORTSMAN ASSOC. INC.
26-28 SOUTHFORK SPORTSMAN ASSOC. INC.
31-4 SALLY MACALLASTER
31-4.1 SALLY MACALLASTER
31-5 SOUTHFORK SPORTSMAN ASSOC. INC.
31-12.1 SALLY MACALLASTER
31-13 HAUGHT FARMS LLC
31-17 RONALD HAUGHT, ET AL
31-17.1 RONALD HAUGHT, ET AL
31-17.2 SALLY MACALLASTER
31-17.3 BELINDA & KENNETH CONRAD
31-18 KAREN DRAKE
36-2 SALLY MACALLASTER
36-3 SALLY MACALLASTER
36-7 SALLY MACALLASTER
LEASES
A JOYCE E. WEBBER
B CLIFTON G. VALENTINE ET UX
C HIGHLANDS ROYALTY FUND, LLC.
D PHYLLIS JEAN KNIGHT
E HERITAGE RESOURCES-MARCELLUS MINERALS, LLC
F DANIEL B. FLESHER
G DONALD C. MORRIS ET AL
H DONALD C. MORRIS ET AL
I ELSIE O. BONNELL ET AL
J ORLA J. ADAMS
K CAROLYN ERCANBRACK
L NANNIE BATSON ET AL
M MABLE O. WISEMAN
N MABEL WISEMAN
O AZARIAH BEE ET UX
P WILLARD R. MACALLASTER ET UX
Q HARMON L. OSBORNE ET UX
R C.A. WARD ET UX
S SALLY MACALLASTER
T CONNIE PAINTER
U SALLY MACALLASTER
V RANDALL J. GOFF
W ERMA JEAN VALENTINE
X ROBERT M. KEITH, JR.
THOMAS SUMMERS LICENSED No. 2109 STATE OF WEST VIRGINIA PROFESSIONAL SURVEYOR
NOTE: 1 WATER WELL WAS LOCATED WITHIN 2000' OF THE CENTER OF PAD
N 49°34' W 1,019.2'
2000'
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 # 26-007WA
DRAWING # GOFFS-5H
SCALE 1" = 2000'
MINIMUM DEGREE OF ACCURACY SUBMETER
PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS
LEGEND
Surface Owner Boundary Lines +/-
Adjoining Surface Tracts +/-
Found monument, as noted
THOMAS SUMMERS P.S. 2109
DATE 09/08/26
OPERATOR'S WELL# GOFF S-5H
STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY DIVISION OF OIL AND GAS
47 – 085 – 10601
STATE COUNTY PERMIT
PAD LAYOUT
N 71°02' E
GOFF S-5H
GOFF S-4H
GOFF S-3H
GOFF S-2H
GOFF S-1H
SNODGRASS UNIT 3H
GRID NORTH
NOT TO SCALE
NOTE
NO OCCUPIED DWELLINGS OR BUILDINGS TWO THOUSAND FIVE HUNDRED (2,500) SQUARE FEET OR LARGER USED TO HOUSE OR SHELTER DAIRY CATTLE OR POULTRY ARE LOCATED WITHIN SIX HUNDRED TWENTY FIVE (625) FEET OF THE CENTER OF THE WELL PAD.
WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
(IF "GAS") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW ___
LOCATION: ELEVATION PROPOSED - 916' WATERSHED SOUTH FORK HUGHES RIVER
QUADRANGLE PULLMAN 7.5' DISTRICT UNION COUNTY RITCHIE
SURFACE OWNER RANDALL GOFF ACREAGE 75 ACRES +/-
OIL & GAS ROYALTY OWNER ERMA JEAN VALENTINE LEASE ACREAGE 75 ACRES +/-
PROPOSED WORK: DRILL ___ CONVERT ___ DRILL DEEPER X REDRILL ___
FRACTURE OR STIMULATE X PLUG OFF OLD FORMATION PERFORATE NEW FORMATION ___ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) MOD-BHL
PLUG & ABANDON ___ CLEAN OUT & REPLUG ___
TARGET FORMATION MARCELLUS ESTIMATED DEPTH 6,800' TVD 28,900' MD
WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT CONRAD BASTON
ADDRESS 1615 WYNKOOP ST. ADDRESS 535 WHITE OAKS BLVD
DENVER, CO 80202 BRIDGEPORT, WV 26330
FORM WW-6
REFERENCES
STAKE/ NAIL, SET
N 07°36' W 239.6'
WELL NO. S-5H
S 11°25' E 184.9'
STAKE/ NAIL, SET
1" = 400'
10/02/2026

WW-6A1

Operator's Well Number Goff S-5H MOD

INFORMATION SUPPLIED UNDER WEST VIRGINIA CODE
Chapter 22, Article 6A, Section 5(a)(5)
IN LIEU OF FILING LEASE(S) AND OTHER CONTINUING CONTRACT(S)

Under the oath required to make the verification on page 1 of this Notice and Application, I depose and say that I am the person who signed the Notice and Application for the Applicant, and that –

(1) the tract of land is the same tract described in this Application, partly or wholly depicted in the accompanying plat, and described in the Construction and Reclamation Plan;

(2) the parties and recordation data (if recorded) for lease(s) or other continuing contract(s) by which the Applicant claims the right to extract, produce or market the oil or gas are as follows:

Grantor, lessor, etc.	Grantee, lessee, etc.	Royalty	Book/Page
W: Erma Jean Valentine Lease			
Erma Jean Valentine	**Antero Resources Corporation**	**1/8+**	**357/589**
B: Clifton G. Valentine, et ux Lease			
Clifton G. Valentine, et ux	Key Oil Company	1/8	228/785
Key Oil Company	Antero Resources Appalachian Corporation	Assignment	258/509
Antero Resources Appalachian Corporation	**Antero Resources Corporation**	**Name Change**	**15/705**
A: Joyce E. Webber Lease			
Joyce E. Webber	**Antero Resources Corporation**	**1/8+**	**320/799**
C: Highlands Royalty Fund, LLC Lease			
Highlands Royalty Fund, LLC	SEP Mountaineer, LLC	1/8+	358/538
SEP Mountaineer, LLC	**Antero Resources Corporation**	**Agreement**	**370/165**
E: Heritage Resources-Marcellus Minerals, LLC Lease			
Heritage Resources-Marcellus Minerals, LLC	**Antero Resources Corporation**	**1/8+**	**362/408**
D: Phyllis Jean Knight Lease			
Phyllis Jean Knight	**Antero Resources Corporation**	**1/8+**	**279/197**
E: Heritage Resources-Marcellus Minerals, LLC Lease			
Heritage Resources-Marcellus Minerals, LLC	**Antero Resources Corporation**	**1/8+**	**362/408**
G: Donald C. Morris, et al Lease			
Donald C. Morris, et al	Chesapeake Appalachia, LLC	1/8	249/678
Chesapeake Appalachia, LLC	Statoil USA Onshore Properties, Inc.	Assignment	252/1036
Statoil USA Onshore Properties, Inc.	Antero Exchange Properties, LLC	Assignment	301/94
Antero Exchange Properties, LLC	**Antero Resources Corporation**	**Merge**	**14/598**
H: Donald C. Morris, et al Lease			
Donald C. Morris, et al	**Antero Resources Corporation**	**1/8+**	**308/734**
J: Orla J. Adams Lease			
Orla J. Adams	Warren R. Haught, et al	1/8	126/63
Warren R. Haught, et al	Stanley Oil Company	Assignment	255/301
Stanley Oil Company	DWD Resources, LLC	Assignment	255/303
DWD Resources, LLC	Whittle Corporation	Assignment	255/508
Whittle Corporation	Burning Springs Energy, LLC	Assignment	315/742
Burning Springs Energy, LLC	HG Energy II Appalachia, LLC	Assignment	316/372
HG Energy II Appalachia, LLC	**Antero Resources Corporation**	**Assignment**	**360/78**
I: Elsie O. Bonnell, et al Lease			
Elsie O. Bonnell, et al	Petroleum Services Inc.	1/8	128/130
Petroleum Services Inc.	J&J Enterprises, Inc.	Assignment	132/572
J&J Enterprises, Inc.	Eastern American Energy Corporation	Assignment	231/732
Eastern American Energy Corporation	Energy Corporation of America	Assignment	250/393
Energy Corporation of America	**Antero Resources Corporation**	**Assignment**	**313/252**

RECEIVED
Office of Oil and Gas
SEP 22 2026
WV Department of
Environmental Protection

10/02/2026

WW-6A1

Operator's Well Number Goff S-5H MOD

INFORMATION SUPPLIED UNDER WEST VIRGINIA CODE
Chapter 22, Article 6A, Section 5(a)(5)
IN LIEU OF FILING LEASE(S) AND OTHER CONTINUING CONTRACT(S)

Under the oath required to make the verification on page 1 of this Notice and Application, I depose and say that I am the person who signed the Notice and Application for the Applicant, and that –

(1) the tract of land is the same tract described in this Application, partly or wholly depicted in the accompanying plat, and described in the Construction and Reclamation Plan;

(2) the parties and recordation data (if recorded) for lease(s) or other continuing contract(s) by which the Applicant claims the right to extract, produce or market the oil or gas are as follows:

Grantor, lessor, etc.	Grantee, lessee, etc.	Royalty	Book/Page
L: Nannie Batson, et al Lease			
Nannie Batson, et al	Derrick Drilling Company	1/8	125/430
Derrick Drilling Company	Ferrell Prior	Assignment	126/480
Ferrell Prior	Waco Oil & Gas Inc.	Assignment	206/42
Waco Oil & Gas Inc.	Ashland Inc.	Assignment	221/1
Ashland Inc.	Ashland Exploration Inc.	Assignment	222/169
Ashland Exploration Inc.	EQT Production Company	Name Change	6/443
EQT Production Company	**Antero Resources Corporation**	**Assignment**	**358/729**
N: Mabel Wiseman Lease			
Mabel Wiseman	Derrick Drilling Company	1/8	125/271
Derrick Drilling Company	Mearl D. Taylor	Assignment	126/788
Mearl D. Taylor	Norma June Taylor	Assignment	35/882
Norma June Taylor	J & M Enterprises, Inc.	Assignment	198/339
J & M Enterprises, Inc.	Donald D. Conner	Assignment	202/141
Donald D. Conner	J.F. Deem	Assignment	210/341
J.F. Deem	J.F. Deem Oil & Gas, LLC	Assignment	228/230
J.F. Deem Oil & Gas, LLC	SEP Mountaineer, LLC	Assignment	368/127
SEP Mountaineer, LLC	**Antero Resources Corporation**	**Agreement**	**370/165**
P: Willard R. MacAllaster et ux Lease			
Willard R. MacAllister, et ux	Clarence W. Mutschelknaus	1/8	196/143
Clarence W. Mutschelknaus	**Antero Resources Corporation**	**Assignment**	**277/690**
Q: Harmon L. Osborne, et ux Lease			
Harmon Lee Osborne, et ux	Alamco, Inc.	1/8	217/589
Alamco, Inc.	Columbia Natural Resources, Inc.	Assignment	269/668
Columbia Natural Resources, Inc.	Columbia Natural Resources, LLC	Name Change	8/296
Columbia Natural Resources, LLC	Chesapeake Appalachia, LLC	Assignment	294/520
Chesapeake Appalachia, LLC	SWN Production Company, LLC	Assignment	280/707
SWN Production Company, LLC	Antero Exchange Properties, LLC	Assignment	301/114
Antero Exchange Properties, LLC	**Antero Resources Corporation**	**Merge**	**14/598**
R: C.A. Ward, et ux Lease			
C.A. Ward, et ux	Carnegie Natural Gas Company	1/8	41/290
Carnegie Natural Gas Company	Carnegie Production Company	Assignment	228/859
Carnegie Production Company	Equitable Production-Eastern States, Inc.	Merge	150/160
Equitable Production-Eastern States, Inc.	Equitable Production Company	Merge	150/160
Equitable Production Company	EQT Production Company	Name Change	6/443
EQT Production Company	**Antero Resources Corporation**	**Assignment**	**361/696**
S: Sally MacAllaster Lease			
Sally MacAllaster	Cardinal Land Company, LLC	1/8+	347/836
Cardinal Land Company, LLC	SEP Appalachia, LLC	Assignment	361/110
SEP Appalachia, LLC	**Antero Resources Corporation**	**Agreement**	**370/165**

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WW-6A1
(5/13)

Operator's Well No. Goff S-5H MOD

INFORMATION SUPPLIED UNDER WEST VIRGINIA CODE
Chapter 22, Article 6A, Section 5(a)(5)
IN LIEU OF FILING LEASE(S) AND OTHER CONTINUING CONTRACT(S)

Under the oath required to make the verification on page 1 of this Notice and Application, I depose and say that I am the person who signed the Notice and Application for the Applicant, and that –

(1) the tract of land is the same tract described in this Application, partly or wholly depicted in the accompanying plat, and described in the Construction and Reclamation Plan;

(2) the parties and recordation data (if recorded) for lease(s) or other continuing contract(s) by which the Applicant claims the right to extract, produce or market the oil or gas are as follows:

Lease Name or Number	Grantor, Lessor, etc.	Grantee, Lessee, etc.	Royalty	Book/Page
U: Sally MacAllaster Lease				
	Sally MacAllaster	Antero Resources Corporation	1/8+	0365/0322

*Partial Assignments to Antero Resources Corporation include 100% rights to extract, produce and market the oil and gas from the Marcellus and any other formations completed with this well.

*Co-tenancy utilization – Antero is utilizing the Co-tenancy Modernization and Majority Protection Act to proceed with the development of certain royalty owners' interests in this tract.

**Pooling/Unitization – Antero has filed a horizontal well unitization application with the West Virginia Oil and Gas Conservation Commission that seeks to pool certain owners in this tract.

Acknowledgement of Possible Permitting/Approval
In Addition to the Office of Oil and Gas

The permit applicant for the proposed well work addressed in this application hereby acknowledges the possibility of the need for permits and/or approvals from local, state, or federal entities in addition to the DEP, Office of Oil and Gas, including but not limited to the following:

- WV Division of Water and Waste Management
- WV Division of Natural Resources WV Division of Highways
- U.S. Army Corps of Engineers
- U.S. Fish and Wildlife Service
- County Floodplain Coordinator

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The applicant further acknowledges that any Office of Oil and Gas permit in no way overrides, replaces, or nullifies the need for other permits/approvals that may be necessary and further affirms that all needed permits/approvals should be acquired from the appropriate authority before the affected activity is initiated.

Well Operator: Antero Resources Corporation
By: Tim Rady
Its: Senior Vice President of Land

10/02/2026

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

September 21, 2026

West Virginia Department of Environmental Protection
Office of Oil and Gas
Attn: Mr. Taylor Brewer
601 57th Street
Charleston, WV 25304

Mr. Brewer:

Antero Resources Corporation (Antero) would like to submit the following permit modifications for approved well on the existing Goff Pad: Goff S-4H (47-085-10600) and Goff S-5H (47-085-10601) Expedited.

Attached you will find the following:

- AOR
- Revised Form WW-6B
- Revised Form WW-6A1
- Revised Mylar Plat

If you have any questions please feel free to contact me at (303) 357-6959.

Thank you in advance for your consideration.

Sincerely,

Stefan Gaspar
Permitting Agent
Antero Resources Corporation

Enclosures

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