

State of West Virginia
Department of Environmental Protection - Office of Oil and Gas
Well Operator's Report of Well Work

API 47 - 017 - 06207 County Doddridge District Central
Quad West Union 7.5' Pad Name Jonathan Davis Pad Field/Pool Name ---
Farm name Davis, Jonathan L. Well Number Shale Unit 2H
Operator (as registered with the OOG) Antero Resources Corporation
Address 1615 Wynkoop Street City Denver State CO Zip 80202

As Drilled location NAD 83/UTM Attach an as-drilled plat, profile view, and deviation survey
Top hole Northing 4350023m Easting 514777m
Landing Point of Curve Northing 4350129.56m Easting 514516.61m
Bottom Hole Northing 4352151m Easting 513700m

Elevation (ft) 1146' GL Type of Well New Existing Type of Report Interim Final
Permit Type Deviated Horizontal Horizontal 6A Vertical Depth Type Deep Shallow
Type of Operation Convert Deepen Drill Plug Back Redrilling Rework Stimulate
Well Type Brine Disposal CBM Gas Oil Secondary Recovery Solution Mining Storage Other _____
Type of Completion Single Multiple Fluids Produced Brine Gas NGL Oil Other _____
Drilled with Cable Rotary

Drilling Media Surface hole Air Mud Fresh Water Intermediate hole Air Mud Fresh Water Brine
Production hole Air Mud Fresh Water Brine
Mud Type(s) and Additive(s)
Air- Foam & 4% KCL
Mud- Polymer

Date permit issued 3/27/2013 Date drilling commenced 10/24/2013 Date drilling ceased 3/19/2014
Date completion activities began 3/27/2014 Date completion activities ceased 6/14/2014
Verbal plugging (Y/N) N/A Date permission granted N/A Granted by N/A

Please note: Operator is required to submit a plugging application within 5 days of verbal permission to plug

Freshwater depth(s) ft 179', 270' Open mine(s) (Y/N) depths No
Salt water depth(s) ft 757' Void(s) encountered (Y/N) depths No
Coal depth(s) ft None Identified Cavern(s) encountered (Y/N) depths No
Is coal being mined in area (Y/N) No

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Reviewed by:
AL 5/27/15
W.S. 6/5/15
06/05/2015

API 47-017 - 06207 Farm name Davis, Jonathan L. Well number Shale Unit 2H

CASING STRINGS	Hole Size	Casing Size	Depth	New or Used	Grade wt/ft	Basket Depth(s)	Did cement circulate (Y/ N) * Provide details below*
Conductor	30"	20"	40'	New	94# H-40	N/A	Y
Surface	17- 1/2"	13- 3/8"	460'	New	48# J-55	N/A	Y
Coal							
Intermediate 1	12-1/4"	9-5/8"	2559'	New	36# J-55	N/A	Y
Intermediate 2							
Intermediate 3							
Production	8-3/4" & 8-1/2"	5-1/2"	14640'	New	20# P-110	N/A	Y
Tubing		2-3/8"	6638'		4.7# N-80	N/A	
Packer type and depth set		N/A					

Comment Details _____

CEMENT DATA	Class/Type of Cement	Number of Sacks	Slurry wt (ppg)	Yield (ft ³ /sks)	Volume (ft ³)	Cement Top (MD)	WOC (hrs)
Conductor	Class A	196 sx	15.6	1.18	38	0'	8 Hrs.
Surface	Class A	533 sx	15.6	1.18	320	0'	8 Hrs.
Coal							
Intermediate 1	Class A	939 sx	15.6	1.81	801	0'	8 Hrs.
Intermediate 2							
Intermediate 3							
Production	Class H	860 sx (Lead) 1310 sx (Tail)	13.5 Lead 15.2 Tail	1.44 Lead 1.80 Tail	2882	-500 into intermediate casing	8 Hrs.
Tubing							

Drillers TD (ft) 14640' MD, 6643' TVD (BHL), 6666' (Deepest Point Drilled) Loggers TD (ft) 14590' MD
 Deepest formation penetrated Marcellus Plug back to (ft) N/A
 Plug back procedure N/A

Kick off depth (ft) 6462'

** This is a subsequent well. Antero only runs wireline logs on one well on a multi-well pad (Valentine Unit 1H API# 47-017-06083). Please reference the wireline logs submitted with Form WR-35 for the Valentine Unit 1H). A Cement Bond Log has been included with this submittal.

Check all wireline logs run caliper density deviated/directional induction neutron resistivity gamma ray temperature sonic

Well cored Yes No Conventional Sidewall Were cuttings collected Yes No

DESCRIBE THE CENTRALIZER PLACEMENT USED FOR EACH CASING STRING _____

Conductor- 0
 Surface- 1 above guide shoe, 1 above insert float, 1 every 4th joint to surface
 Intermediate- 1 above float joint, 1 above float collar, 1 every 4th joint to surface
 Production- 1 above float joint, 1 below float collar, 1 every 3rd joint to top of cement

WAS WELL COMPLETED AS SHOT HOLE Yes No DETAILS _____

WAS WELL COMPLETED OPEN HOLE? Yes No DETAILS _____

WERE TRACERS USED Yes No TYPE OF TRACER(S) USED _____

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API 47- 017 - 06207 Farm name Davis, Jonathan L. Well number Shale Unit 2H

PRODUCING FORMATION(S)	DEPTHS	
<u>Marcellus</u>	<u>6630' (TOP)</u> TVD	<u>7171' (TOP)</u> MD

Please insert additional pages as applicable.

GAS TEST Build up Drawdown Open Flow OIL TEST Flow Pump
 SHUT-IN PRESSURE Surface 3600 psi Bottom Hole --- psi DURATION OF TEST --- hrs
 OPEN FLOW Gas 12944 mcfpd Oil 61 bpd NGL --- bpd Water 633 bpd GAS MEASURED BY Estimated Orifice Pilot

LITHOLOGY/ FORMATION	TOP DEPTH IN FT NAME TVD	BOTTOM DEPTH IN FT TVD	TOP DEPTH IN FT MD	BOTTOM DEPTH IN FT MD	DESCRIBE ROCK TYPE AND RECORD QUANTITY AND TYPE OF FLUID (FRESHWATER, BRINE, OIL, GAS, H ₂ S, ETC)
	<u>0</u>		<u>0</u>		
*PLEASE SEE ATTACHED EXHIBIT 3					

Please insert additional pages as applicable.

Drilling Contractor Precision Drilling Company, LP
 Address 2640 Reach Rd. City Williamsport State PA Zip 17701

Logging Company Rush Wellsite Services
 Address 600 Alpha Drive City Canonsburg State PA Zip 15317

Cementing Company Allied Oil & Gas Services, LLC
 Address 1036 East Main St. City Bridgeport State WV Zip 26330

Stimulating Company GoFrac
 Address 62787 Philips Rd. City Cambridge State OH Zip 43725

Please insert additional pages as applicable.

Completed by Kara Quackenbush Telephone 303-357-7233
 Signature [Signature] Title Permit Representative Date 1/22/2015

Submittal of Hydraulic Fracturing Chemical Disclosure Information Attach copy of FRACFOCUS Registry

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API 47-017-06207 Farm Name Davis, Jonathan L. Well Number Shale Unit 2H

EXHIBIT 1

Stage No.	Perforation Date	Perforated from MD ft.	Perforated to MD ft.	Number of Perforations	Formations
1	27-Mar-14	14,416	14,585	60	Marcellus
2	26-Apr-14	14,216	14,385	60	Marcellus
3	26-Apr-14	14,015	14,184	60	Marcellus
4	27-Apr-14	13,815	13,984	60	Marcellus
5	28-Apr-14	13,615	139,784	60	Marcellus
6	28-Apr-14	13,415	13,584	60	Marcellus
7	28-Apr-14	13,215	13,385	60	Marcellus
8	28-Apr-14	13,015	13,183	60	Marcellus
9	28-Apr-14	12,814	12,983	60	Marcellus
10	28-Apr-14	12,614	12,783	60	Marcellus
11	29-Apr-14	12,414	12,583	60	Marcellus
12	29-Apr-14	12,214	12,383	60	Marcellus
13	30-Apr-14	12,014	12,182	60	Marcellus
14	30-Apr-14	11,813	11,982	60	Marcellus
15	30-Apr-14	11,613	11,782	60	Marcellus
16	1-May-14	11,413	11,582	60	Marcellus
17	1-May-14	11,213	11,382	60	Marcellus
18	1-May-14	11,013	11,181	60	Marcellus
19	2-May-14	10,812	10,981	60	Marcellus
20	2-May-14	10,612	10,781	60	Marcellus
21	2-May-14	10,412	10,581	60	Marcellus
22	3-May-14	10,212	10,381	60	Marcellus
23	3-May-14	10,012	10,181	60	Marcellus
24	3-May-14	9,812	9,980	60	Marcellus
25	3-May-14	9,611	9,780	60	Marcellus
26	4-May-14	9,411	9,580	60	Marcellus
27	4-May-14	9,211	9,380	60	Marcellus
28	4-May-14	9,011	9,180	60	Marcellus
29	4-May-14	8,811	8,979	60	Marcellus
30	5-May-14	8,610	8,779	60	Marcellus
31	5-May-14	8,410	8,579	60	Marcellus
32	5-May-14	8,210	8,379	60	Marcellus
33	5-May-14	8,010	8,179	60	Marcellus
34	6-May-14	7,810	7,978	60	Marcellus
35	6-May-14	7,609	7,778	60	Marcellus
36	6-May-14	7,409	7,578	60	Marcellus
37	6-May-14	7,209	7,378	60	Marcellus

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EXHIBIT 2

Stage No.	Stimulations Date	Avg Pump Rate	Avg Treatment Pressure (PSI)	Max Breakdown Pressure (PSI)	ISIP (PSI)	Amount of Proppant (lbs)	Amount of Water (bbls)	Amount of Nitrogen/ other (units)
1	27-Mar-14	76.7	7,152	0	5,288	311,950	7,735	N/A
2	26-Apr-14	74.0	7,225	5,261	4,430	298,960	7,720	N/A
3	26-Apr-14	75.1	7,810	5,262	4,800	311,345	7,695	N/A
4	27-Apr-14	74.2	7,510	5,560	3,955	310,320	7,681	N/A
5	28-Apr-14	72.9	7,636	5,395	5,603	306,210	7,655	N/A
6	28-Apr-14	74.9	6,845	5,074	4,821	311,525	7,646	N/A
7	28-Apr-14	78.2	7,309	5,152	4,835	307,980	7,680	N/A
8	28-Apr-14	76.5	7,575	5,208	4,708	242,269	8,328	N/A
9	28-Apr-14	76.8	7,522	5,366	5,165	311,150	7,609	N/A
10	28-Apr-14	78.1	7,206	5,174	5,073	311,480	8,162	N/A
11	29-Apr-14	76.0	7,309	5,195	5,148	305,760	7,578	N/A
12	29-Apr-14	78.5	7,192	5,221	5,024	311,365	7,562	N/A
13	30-Apr-14	78.5	7,626	5,523	5,272	311,435	7,547	N/A
14	30-Apr-14	78.1	6,660	5,165	4,437	307,450	7,543	N/A
15	30-Apr-14	76.7	7,117	5,227	4,420	309,520	7,537	N/A
16	1-May-14	77.8	7,139	5,147	4,845	311,375	7,512	N/A
17	1-May-14	76.9	7,405	5,467	5,095	311,480	7,498	N/A
18	1-May-14	75.8	6,884	5,163	4,621	299,570	8,142	N/A
19	2-May-14	75.9	6,768	5,261	4,528	311,520	7,469	N/A
20	2-May-14	77.7	7,283	5,407	4,846	311,295	7,554	N/A
21	2-May-14	75.1	6,934	5,223	4,744	303,650	7,442	N/A
22	3-May-14	75.4	6,948	5,269	4,618	301,975	7,434	N/A
23	3-May-14	76.5	7,239	5,442	5,250	313,258	7,420	N/A
24	3-May-14	75.7	6,882	5,203	4,934	312,422	7,369	N/A
25	3-May-14	77.1	6,838	5,127	4,794	306,925	7,372	N/A
26	4-May-14	77.5	7,122	5,301	3,894	305,283	7,359	N/A
27	4-May-14	76.8	6,920	5,380	4,453	309,301	7,363	N/A
28	4-May-14	77.0	6,848	5,398	4,971	310,831	7,349	N/A
29	4-May-14	76.2	6,668	5,304	5,077	318,410	7,341	N/A
30	5-May-14	76.9	6,649	5,217	4,984	311,152	7,327	N/A
31	5-May-14	78.7	6,582	5,035	4,928	310,940	7,313	N/A
32	5-May-14	75.7	6,751	5,120	4,015	314,080	7,299	N/A
33	5-May-14	77.5	7,041	5,334	4,855	314,943	7,285	N/A
34	6-May-14	76.7	6,665	5,262	5,304	311,287	7,270	N/A
35	6-May-14	76.8	6,786	5,362	5,086	311,189	7,259	N/A
36	6-May-14	74.3	6,421	4,896	4,315	310,971	7,251	N/A
37	7-May-14	76.5	6,987	5,690	3,664	305,622	7,304	N/A
AVG=		76.5	7,066	5,129	4,778	11,386,198	278,610	TOTAL

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EXHIBIT 3

LITHOLOGY/ FORMATION	TOP DEPTH (TVD) From Surface	BOTTOM DEPTH (TVD) From Surface	TOP DEPTH (MD) From Surface	BOTTOM DEPTH (MD) From Surface
Fresh Water	179'	N/A	179'	N/A
Fresh Water	270'	N/A	270'	N/A
Sandy shale	est. 32	532	est. 32	532
Shale	est. 532	1132	est. 532	1132
Trace coal	est. 1132	1210	est. 1132	1210
Shale	est. 1210	1742	est. 1210	1742
Trace coal	est. 1742	1772	est. 1742	1772
Shale	est. 1772	1802	est. 1772	1802
Trace coal	est. 1802	1832	est. 1802	1832
Shale-Sand	est. 1832	1892	est. 1832	1892
Trace coal	est. 1892	1922	est. 1892	1922
Sandstone	est. 1922	2047	est. 1922	2051
Big Lime	2047	2135	2051	2139
Big Injun	2135	2247	2139	2251
Weir	2247	2700	2251	2704
Fifty Foot Sandstone	2700	2791	2704	2795
Gordon	2791	3107	2795	3111
Fifth Sandstone	3107	3137	3111	3141
Bayard	3137	3455	3141	3459
Speechley	3455	4287	3459	4291
Baltown	4287	4616	4291	4620
Bradford	4616	5043	4620	5047
Benson	5043	5305	5047	5309
Alexander	5305	6277	5309	6322
Sycamore	6277	6448	6322	6641
Middlesex	6448	6568	6641	6953
Burkett	6568	6596	6953	7040
Tully	6596	6630	7040	7171
Marcellus	6630	NA	7171	NA

*Please note Antero determines formation tops based on wireline logs that are only run on one well on a multi-well pad (Please reference Valentine Unit 1H API# 47-017-06083). The measured depth (MD) data on subsequent wells may be slightly different due to the well's unique departure.

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Hydraulic Fracturing Fluid Product Component Information Disclosure

Job Start Date:	4/26/2014
Job End Date:	5/7/2014
State:	West Virginia
County:	Doddridge
API Number:	47-017-06207-00-00
Operator Name:	Antero Resources Corporation
Well Name and Number:	Shale Unit 2H
Longitude:	-80.82880600
Latitude:	39.29938600
Datum:	NAD27
Federal/Tribal Well:	NO
True Vertical Depth:	6,686
Total Base Water Volume (gal):	11,697,462
Total Base Non Water Volume:	0



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Hydraulic Fracturing Fluid Composition:

Trade Name	Supplier	Purpose	Ingredients	Chemical Abstract Service Number (CAS #)	Maximum Ingredient Concentration in Additive (% by mass)**	Maximum Ingredient Concentration in HF Fluid (% by mass)**	Comments
Freshwater	Republic Energy	Frac Base	Water	7732-18-5	100.00000	89.23165	None
40/70 White Sand	JS Silica	Proppant	Sand	14808-60-7	100.00000	6.27679	None
20/40 White Sand	JS Silica	Proppant	Sand	14808-60-7	100.00000	3.14863	None
100 Mesh	JS Silica	Proppant	Sand	14808-60-7	100.00000	0.98284	None
SOS 1545	Ultrablend	Guar Gel	Hydrocarbons	64741-85-1	70.00000	0.06251	None
Plexslick 953	Chemplex	Friction Reducer	Water	7732-18-5	35.00000	0.01953	None
			Polyacrylamide-co-acrylic acid	Proprietary	32.00000	0.01786	None
			Hydrotreated Petroleum Distillate	64742-47-8	30.00000	0.01674	None
			Alcohol Ethoxylate Surfactants	Proprietary	8.00000	0.00446	None
HCl Acid 10-15%	GoFrac	Acid	Hydrochloric Acid	7647-01-0	15.00000	0.02694	None
Plexaid 673	Chemplex	Scale Inhibitor	Water	7732-18-5	85.00000	0.01251	None

				Methyl Alcohol	67-56-1	25.00000	0.00368	None
				Sodium Salt of Phosphonomethylated Diamine	Proprietary	5.00000	0.00074	None
Plexicide 15G	Chemplex	Biocide		Water	7732-18-5	90.00000	0.01153	None
				Glutaraldehyde	111-30-8	14.00000	0.00179	None
				Alkyl Dimethyl Benzyl Ammonium Chloride	68424-85-1	3.00000	0.00038	None
				Didecyl Dimethyl Ammonium Chloride	7173-51-5	3.00000	0.00038	None
				Ethanol	64-17-5	3.00000	0.00038	None
Sodium Persulfate	Chemplex	Active Breaker		Sodium Persulfate	7775-27-1	100.00000	0.00142	None
Greenflush	Chemplex	Cleaner		Alcohol Ethoxylate Surfactants	Proprietary	10.00000	0.00054	None
Ferriflex 66	Chemplex	Iron Control		Acetic Acid	64-19-7	50.00000	0.00020	None
				Water	7732-18-5	35.00000	0.00014	None
				Citric Acid	77-92-9	30.00000	0.00012	None
Plexhib 256	Chemplex	Corrosion Inhibitor		Methyl Alcohol	67-56-1	70.00000	0.00021	None
				Thiourea-formaldehyde copolymer	68527-49-1	30.00000	0.00009	None
				Alcohol Ethoxylate Surfactants	Proprietary	30.00000	0.00009	None
				n-olefins	Proprietary	10.00000	0.00003	None
				Propargyl Alcohol	107-19-7	8.00000	0.00002	None
Plexbreak 145	Chemplex	Non-Emulsifier		Water	7732-18-5	66.00000	0.00022	None
				Ethylene Glycol Monobutyl Ether	111-76-2	15.00000	0.00005	None
				Methyl Alcohol	67-56-1	15.00000	0.00005	None
				Cocamide Diethanolamine Salt	68603-42-9	10.00000	0.00003	None
				Diethanolamine	111-42-2	5.00000	0.00002	None
Ingredients shown above are subject to 29 CFR 1910.1200(i) and appear on Material Safety Data Sheets (MSDS). Ingredients shown below are Non-MSDS.								

* Total Water Volume sources may include fresh water, produced water, and/or recycled water

** Information is based on the maximum potential for concentration and thus the total may be over 100%

Note: For Field Development Products (products that begin with FDP), MSDS level only information has been provided. Ingredient information for chemicals subject to 29 CFR 1910.1200(i) and Appendix D are obtained from suppliers Material Safety Data Sheets (MSDS)

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LATITUDE 39°20'00"

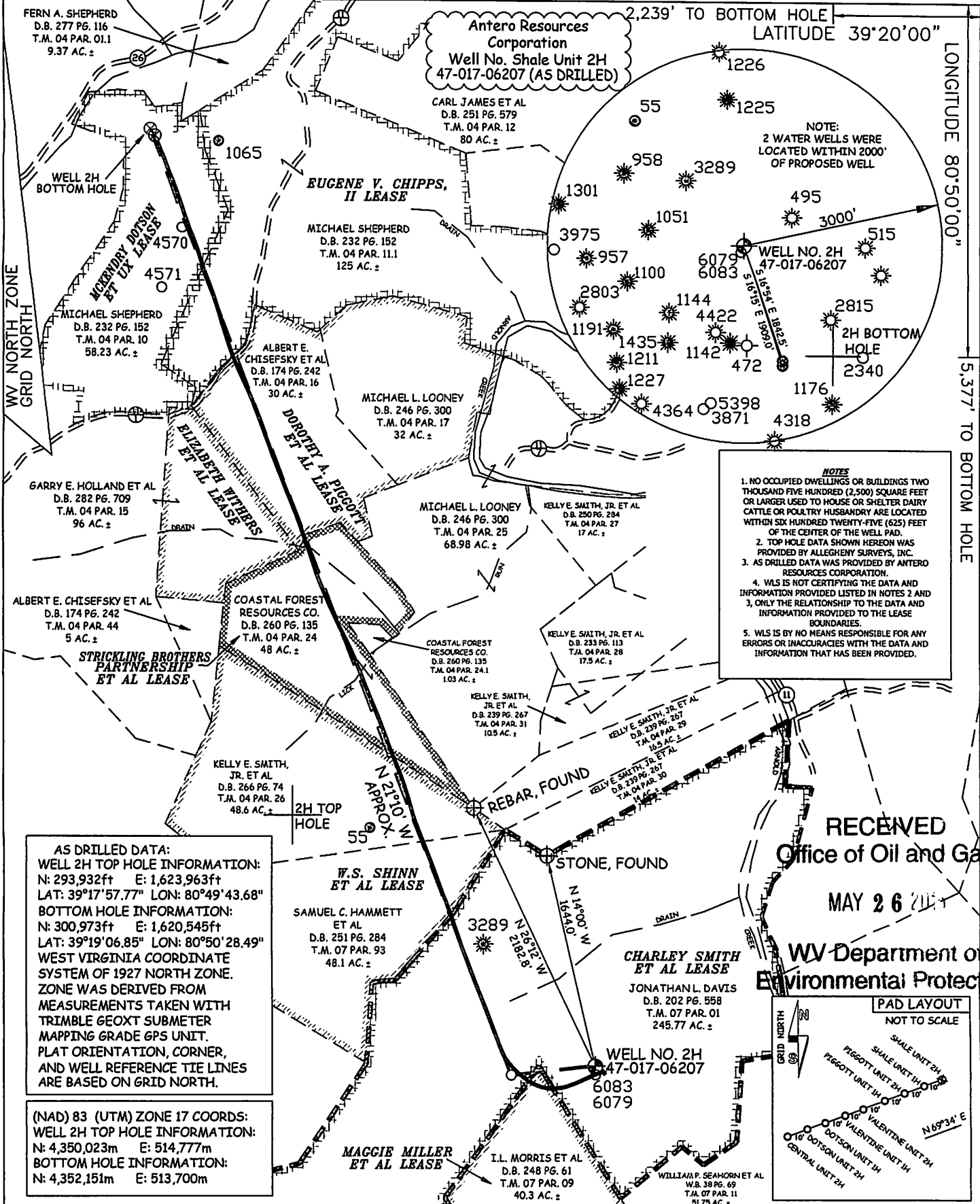
10,509'

2,239' TO BOTTOM HOLE
LATITUDE 39°20'00"

LONGITUDE 80°50'00"

12,366'

LONGITUDE 80°7'30"



Antero Resources Corporation
Well No. Shale Unit 2H
47-017-06207 (AS DRILLED)

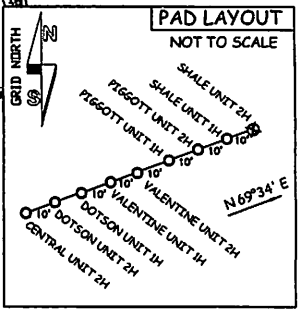
NOTE:
2 WATER WELLS WERE
LOCATED WITHIN 2000'
OF PROPOSED WELL

- NOTES**
1. NO OCCUPIED DWELLINGS OR BUILDINGS TWO THOUSAND FIVE HUNDRED (2,500) SQUARE FEET OR LARGER USED TO HOUSE OR SHELTER DAIRY CATTLE OR POULTRY HUSBANDRY ARE LOCATED WITHIN SIX HUNDRED TWENTY-FIVE (625) FEET OF THE CENTER OF THE WELL PAD.
 2. TOP HOLE DATA SHOWN HEREON WAS PROVIDED BY ALLEGHENY SURVEYS, INC.
 3. AS DRILLED DATA WAS PROVIDED BY ANTERO RESOURCES CORPORATION.
 4. WLS IS NOT CERTIFYING THE DATA AND INFORMATION PROVIDED LISTED IN NOTES 2 AND 3, ONLY THE RELATIONSHIP TO THE DATA AND INFORMATION PROVIDED TO THE LEASE BOUNDARIES.
 5. WLS IS BY NO MEANS RESPONSIBLE FOR ANY ERRORS OR INACCURACIES WITH THE DATA AND INFORMATION THAT HAS BEEN PROVIDED.

AS DRILLED DATA:
WELL 2H TOP HOLE INFORMATION:
N: 293,932ft E: 1,623,963ft
LAT: 39°17'57.77" LON: 80°49'43.68"
BOTTOM HOLE INFORMATION:
N: 300,973ft E: 1,620,545ft
LAT: 39°19'06.85" LON: 80°50'28.49"
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 2H TOP HOLE INFORMATION:
N: 4,350,023m E: 514,777m
BOTTOM HOLE INFORMATION:
N: 4,352,151m E: 513,700m

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JOB # 12-163WA
DRAWING # SHALE2HAD
SCALE 1" = 1000'
MINIMUM DEGREE OF ACCURACY SUBMETER
PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS



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 +/-
- - - Interior Surface Tracts +/-
X Existing Fence
⊕ Found monument, as noted
○ Proposed Well Path
⊗ As Drilled Well Path

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 1,183' ORIGINAL - 1,146 AS-DRILLED WATERSHED HEADWATERS MIDDLE ISLAND CREEK
QUADRANGLE WEST UNION 7.5' DISTRICT CENTRAL COUNTY DODD

SURFACE OWNER JONATHAN L. DAVIS ACREAGE 245.77 ACRES +/-
OIL & GAS ROYALTY OWNER CHARLEY SMITH ET AL; MAGGIE MILLER ET AL; W.S. SHINN ET AL; LEASE ACREAGE 213 ACRES+; 40 ACRES+; 84 ACRES+;
STRICKLING BROTHERS PARTNERSHIP ET AL; DOROTHY A. PIGGOTT ET AL; EUGENE V. CHIPPS, II; MCKENDRY DOTSON ET UX 58.05 ACRES+; 62 ACRES+; 140 ACRES+; 60 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) AS DRILLED PLUG & ABANDON CLEAN OUT & REPLUG
TARGET FORMATION MARCELLUS ESTIMATED DEPTH 6,643' TVD 14,640' MD

WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT DIANNA STAMPER
ADDRESS 1615 WYNKOOP STREET ADDRESS 5400 D BIG TYLER ROAD
FORM WW-6 DENVER, CO 80202 CHARLESTON, WV 25313

DATE 04/14/15
OPERATOR'S WELL # SHALE UNIT 2H
API WELL # 47 - 017 - 06207
STATE COUNTY PERMIT
06/05/2015

COUNTY NAME PERMIT