

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

API 47 - 085 - 10219 County RITCHIE District UNION
Quad PULLMAN Pad Name PUL96 Field/Pool Name N/A
Farm name JAMES H. & WILMA J. WILSON Well Number 515883
Operator (as registered with the OOG) EQT Production Company
Address 625 Liberty Ave. EQT Plaza, Suite 1700 City Pittsburgh State PA Zip 15222

As Drilled location NAD 83/UTM Attach an as-drilled plat, profile view, and deviation survey
Top hole Northing N. 4,340,205.69 Easting E. 501,214.98
Landing Point of Curve Northing N. 4,340,359.34 Easting E. 500,565.86
Bottom Hole Northing N. 4,338,146.74 Easting E. 501,225.37

Elevation (ft) 1183' 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 w/o Flowback
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)

Water base Mud 11.5 ppg, Synthetic Base Mud 11.5 ppg, barium sulfate, sodium chloride, xanthan gum, polyanionic cellulose, modified starch, sodium hydroxide, phosphonates and alkyl phosphates, glutaraldehyde solution, calcium hydroxide, partially hydrolyzed polyacrylamide/polyacrylate, potassium chloride, sodium carbonate, ground walnut shells, alcohol and modified fatty acid, ferrochrome lignosulfonate, calcium carbonate, fibrous cellulose

Date permit issued 07/24/2015 Date drilling commenced 09/24/2015 Date drilling ceased 2/6/2016
Date completion activities began 8/15/2016 Date completion activities ceased 8/23/2016
Verbal plugging (Y/N) N 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 342,368,399,556 Open mine(s) (Y/N) depths N
Salt water depth(s) ft No salt water shows Void(s) encountered (Y/N) depths N
Coal depth(s) ft No coal seams Cavern(s) encountered (Y/N) depths N
Is coal being mined in area (Y/N) N

Received
Office of Oil & Gas
NOV 17 2016

Reviewed by: _____

API 47-085 10219

Farm name JAMES H. & WILMA J. WILSON Well number 515883

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	24"	20"	40'	NEW	A-500	N/A	Y
Surface	17 1/2"	13 3/8"	670'	NEW	J-55	248'	Y
Coal							
Intermediate 1	12 3/8"	9 5/8"	2,577'	NEW	A-500	735', 2027'	Y
Intermediate 2							
Intermediate 3							
Production	8 1/2"	5 1/2"	15,139'	NEW	P-110	N/A	N
Tubing							
Packer type and depth set							

Comment Details N/A

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	38	15.6	1.18	44.84	0	8
Surface	CLASS A	599	15.6	1.20	718.80	0	8
Coal							
Intermediate 1	CLASS A	988	15.6	1.18	1165.84	0	8
Intermediate 2							
Intermediate 3							
Production	CLASS H / CLASS H	929 / 934	15.2 / 15.6	1.25 / 2.06	3085.29	1,826'	72
Tubing							

Drillers TD (ft) 15,151' Loggers TD (ft) N/A
 Deepest formation penetrated MARCELLUS Plug back to (ft) N/A
 Plug back procedure N/A

Kick off depth (ft) 2,988'

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: NONE _____
 SURFACE: 2 CENTRALIZERS AT JOINTS 1 AND 10 _____
 INTERMEDIATE: 6 CENTRALIZERS PLACED EVERY 500' _____
 PRODUCTION: 296 Composite body spiral centralizers run every joint from bottom to 2,471 RMD. _____

WAS WELL COMPLETED AS SHOT HOLE Yes No DETAILS _____

Received
Office of Oil & Gas
NOV 17 2016

WAS WELL COMPLETED OPEN HOLE? Yes No DETAILS _____

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

API 47- 085 - 10219 Farm name JAMES H. & WILMA J. WILSON Well number 515883

<u>PRODUCING FORMATION(S)</u>	<u>DEPTHS</u>			
MARCELLUS	6,341'	TVD	7,348'	MD

Please insert additional pages as applicable.

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

LITHOLOGY/ FORMATION	TOP	BOTTOM	TOP	BOTTOM	DESCRIBE ROCK TYPE AND RECORD QUANTITY AND TYPE OF FLUID (FRESHWATER, BRINE, OIL, GAS, H ₂ S, ETC)
	DEPTH IN FT NAME TVD	DEPTH IN FT TVD	DEPTH IN FT MD	DEPTH IN FT MD	
	0		0		

Please insert additional pages as applicable.

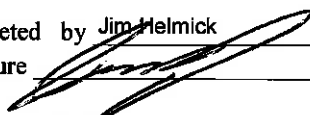
Drilling Contractor ALPHA HUNTER DRILLING (RIG 5)
 Address P.O. BOX 430 City RENO State OH Zip 45773

Logging Company Vaughn Energy Services
 Address P.O. BOX 261021 City Corpus Christi State TX Zip 78246-1021

Cementing Company Baker Hughes
 Address 837 Philippi Pike City Clarksburg State WV Zip 26301

Stimulating Company Halliburton Energy Services
 Address 121 Champion Way, Suite 110 City Canonsburg State PA Zip 15317

Please insert additional pages as applicable.

Completed by Jim Helmick Telephone (412) 395-5518
 Signature  Title VP Completions Date 11/16/2016

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

Received
Office of Oil &
NOV 17 2016

API 47- 085 - 10219 Farm name JAMES H. & WILMA J. WILSON Well number 515883

Drilling Contractor Savanna Drilling (Rig 803)
Address 125 Industry Road City Waynesburg State PA Zip 15370

Logging Company Phoenix Technology Services
Address 1805 Brittmoore Road City Houston State TX Zip 77043

Received
Office of Oil & Gas
NOV 17 2016

515883 Final Formations (API #47-08510219)

Formation Name	Final Top MD (ftGL) (ft)	Final Top TVD (ft)	Final Btm MD (ftGL) (ft)	Final Btm TVD (ft)
SAND/SHALE	1'	1'	1,060'	1,060'
MAXTON	1,060'	1,060'	1,086'	1,086'
SAND/SHALE	1,086'	1,086'	1,117'	1,117'
BIG LIME	1,117'	1,117'	1,242'	1,242'
SAND/SHALE	1,242'	1,242'	2,319'	2,319'
BIG INJUN	2,319'	2,319'	2,467'	2,467'
SAND/SHALE	2,467'	2,467'	2,672'	2,672'
GANTZ	2,672'	2,672'	2,754'	2,754'
50F	2,754'	2,754'	2,841'	2,841'
GORDON	2,841'	2,841'	3,054'	3,054'
5TH	3,054'	3,054'	3,111'	3,110'
BAYARD	3,111'	3,110'	3,513'	3,456'
WARREN	3,513'	3,456'	3,623'	3,534'
SPEECHLEY	3,623'	3,534'	3,961'	3,782'
BALLTOWN A	3,961'	3,782'	4,204'	3,968'
BALLTOWN B	4,204'	3,968'	4,351'	4,080'
BRADFORD	4,351'	4,080'	4,607'	4,277'
RILEY	4,607'	4,277'	4,948'	4,538'
BENSON	4,948'	4,538'	5,227'	4,746'
ALEXANDER	5,227'	4,746'	5,241'	4,757'
ANGOLA	5,241'	4,757'	5,999'	5,327'
RHINESTREET UPPER	5,999'	5,327'	6,097'	5,402'
RHINESTREET	6,097'	5,402'	6,976'	6,116'
SONYEA	6,976'	6,116'	7,093'	6,208'
MIDDLESEX	7,093'	6,208'	7,169'	6,259'
GENESEE	7,169'	6,259'	7,253'	6,305'
GENESEO	7,253'	6,305'	7,318'	6,331'
TULLY	7,318'	6,331'	7,348'	6,341'
MARCELLUS	7,348'	6,341'	15,151'	6,368'

Received
Office of Oil & Gas
 NOV 17 2016

515883- 47-085-10219-0000- Stimulated Stages

Stage Number	Stimulation Date	Ave Pump Rate (BPM)	Ave Treatment Pressure (PSI)	Max Breakdown Pressure (PSI)	ISIP (PSI)	Amount of Proppant (lbs)	Amount of Water (bbbls)	Amount of Nitrogen/other (units)
Initiation Sleeve	8/15/2016	9	6,448.00	9,352.00	4,056.00	0	2,302.07	0
1	8/15/2016	91	8,686.00	9,211.00	2,346.00	249,901	5,868.00	0
2	8/15/2016	89	8,758.00	9,210.00	3,181.00	246,999	6,089.90	0
3	8/16/2016	93	8,459.00	8,971.00	2,943.00	250,500	5,409.40	0
4	8/16/2016	97	8,762.00	9,136.00	3,011.00	253,801	5,559.00	0
5	8/16/2016	89	8,342.00	9,333.00	2,727.00	250,200	5,608.00	0
6	8/16/2016	96	8,390.00	8,769.00	2,905.00	249,100	5,347.00	0
7	8/16/2016	101	8,369.00	8,678.00	3,586.00	252,500	5,366.90	0
8	8/16/2016	99	8,038.00	8,272.00	3,338.00	251,001	5,649.00	0
9	8/17/2016	100	8,440.00	8,808.00	3,106.00	249,001	5,144.00	0
10	8/17/2016	96	8,065.00	9,428.00	2,842.00	249,001	5,776.00	0
11	8/17/2016	91	8,664.00	9,277.00	3,025.00	213,400	4,868.00	0
12	8/17/2016	98	8,318.00	8,892.00	2,896.00	248,399	5,011.70	0
13	8/17/2016	100	8,289.00	8,466.00	2,983.00	251,100	4,995.00	0
14	8/18/2016	100	7,884.00	8,071.00	3,016.00	249,301	4,967.20	0
15	8/18/2016	100	7,777.00	7,952.00	2,942.00	259,101	5,005.00	0
16	8/18/2016	101	8,245.00	8,468.00	3,107.00	254,100	4,885.00	0
17	8/18/2016	100	8,007.00	8,173.00	3,033.00	251,100	4,926.00	0
18	8/18/2016	100	8,143.00	8,386.00	3,255.00	250,300	4,942.70	0
19	8/18/2016	100	7,987.00	8,170.00	3,308.00	249,001	4,827.40	0
20	8/19/2016	100	8,025.00	8,550.00	3,870.00	250,701	4,879.20	0
21	8/19/2016	101	7,779.00	8,202.00	3,154.00	249,601	4,910.40	0
22	8/19/2016	100	7,823.00	9,189.00	3,284.00	254,301	5,082.00	0
23	8/19/2016	101	7,504.00	8,355.00	3,040.00	253,999	5,279.00	0
24	8/19/2016	95	7,208.00	8,644.00	2,951.00	251,199	5,338.00	0
25	8/19/2016	101	7,669.00	8,349.00	3,128.00	250,200	4,805.70	0
26	8/19/2016	101	7,688.00	7,954.00	3,270.00	249,499	4,808.00	0
27	8/20/2016	100	7,209.00	7,964.00	3,372.00	249,799	4,806.10	0
28	8/20/2016	100	7,902.00	8,299.00	3,046.00	247,200	4,668.00	0
29	8/20/2016	100	8,500.00	8,693.00	3,328.00	249,400	4,785.50	0
30	8/20/2016	101	7,598.00	7,878.00	4,212.00	249,301	4,740.30	0
31	8/21/2016	100	7,706.00	7,941.00	3,607.00	249,901	4,726.50	0
32	8/21/2016	101	8,007.00	8,271.00	3,596.00	249,799	4,731.00	0
33	8/21/2016	101	7,490.00	8,388.00	3,162.00	251,999	4,655.00	0
34	8/21/2016	100	7,961.00	8,159.00	3,092.00	246,300	4,606.00	0
35	8/21/2016	100	7,173.00	7,259.00	3,144.00	248,801	4,584.00	0
36	8/21/2016	102	7,362.00	7,488.00	3,056.00	250,300	4,726.00	0
37	8/21/2016	101	7,103.00	7,385.00	3,125.00	248,501	4,617.00	0
38	8/22/2016	101	7,616.00	7,994.00	3,058.00	249,700	4,626.00	0
39	8/22/2016	102	7,267.00	7,495.00	3,223.00	250,200	4,617.00	0
40	8/22/2016	101	7,240.00	7,345.00	3,273.00	250,200	4,634.00	0
41	8/22/2016	100	7,215.00	7,376.00	3,219.00	250,000	4,600.00	0
42	8/22/2016	101	6,967.00	7,044.00	2,972.00	250,300	4,626.00	0
43	8/22/2016	102	7,011.00	7,508.00	3,086.00	249,400	4,529.00	0
44	8/22/2016	101	7,182.00	7,399.00	3,514.00	250,000	4,550.00	0
45	8/23/2016	100	6,978.00	7,371.00	3,293.00	250,099	4,482.00	0
46	8/23/2016	100	6,912.00	7,328.00	2,988.00	251,600	4,535.00	0
47	8/23/2016	100	6,834.00	7,756.00	3,780.00	248,300	4,591.00	0
48	8/23/2016	100	6,875.00	7,218.00	3,337.00	250,000	4,484.00	0
49	8/23/2016	100	6,719.00	6,873.00	3,384.00	250,701	4,390.00	0
50	8/23/2016	100	7,123.00	7,280.00	3,854.00	246,999	4,295.00	0
51	8/23/2016	88	8,635.00	9,314.00	2,719.00	250,099	7,067.99	0

Received
Office of Oil & Gas
NOV 17 2016

515883-47-085-10219-0000- Perforations

Stage Number	Perforation Date	Top Perf Depth (ftKB)	Bottom Perf Depth (ftKB)	Number of Shots	Formation
Initiation Sleeve	3/4/2016	15115	15140	10	MARCELLUS
1	8/15/2016	14545	14667	40	MARCELLUS
2	8/15/2016	14845	14967	40	MARCELLUS
3	8/15/2016	14995	15085	32	MARCELLUS
4	8/15/2016	14695	14817	40	MARCELLUS
5	8/16/2016	14395	14517	40	MARCELLUS
6	8/16/2016	14245	14365	40	MARCELLUS
7	8/16/2016	14095	14217	40	MARCELLUS
8	8/16/2016	13945	14065	40	MARCELLUS
9	8/17/2016	13795	13917	40	MARCELLUS
10	8/17/2016	13645	13767	40	MARCELLUS
11	8/17/2016	13495	13617	40	MARCELLUS
12	8/17/2016	13345	13467	40	MARCELLUS
13	8/17/2016	13195	13317	40	MARCELLUS
14	8/17/2016	13045	13167	40	MARCELLUS
15	8/18/2016	12895	13017	40	MARCELLUS
16	8/18/2016	12745	12867	40	MARCELLUS
17	8/18/2016	12595	12717	40	MARCELLUS
18	8/18/2016	12445	12565	40	MARCELLUS
19	8/18/2016	12295	12417	40	MARCELLUS
20	8/18/2016	12145	12267	40	MARCELLUS
21	8/19/2016	11995	12117	40	MARCELLUS
22	8/19/2016	11845	11967	40	MARCELLUS
23	8/19/2016	11695	11817	40	MARCELLUS
24	8/19/2016	11545	11667	40	MARCELLUS
25	8/19/2016	11395	11517	40	MARCELLUS
26	8/19/2016	11245	11367	40	MARCELLUS
27	8/20/2016	11095	11217	40	MARCELLUS
28	8/20/2016	10945	11067	40	MARCELLUS
29	8/20/2016	10795	10917	40	MARCELLUS
30	8/20/2016	10645	10767	40	MARCELLUS
31	8/20/2016	10495	10617	40	MARCELLUS
32	8/21/2016	10345	10467	40	MARCELLUS
33	8/21/2016	10195	10317	40	MARCELLUS
34	8/21/2016	10045	10167	40	MARCELLUS
35	8/21/2016	9895	10015	40	MARCELLUS
36	8/21/2016	9745	9867	40	MARCELLUS
37	8/21/2016	9595	9717	40	MARCELLUS
38	8/21/2016	9445	9567	40	MARCELLUS
39	8/22/2016	9295	9417	40	MARCELLUS
40	8/22/2016	9145	9267	40	MARCELLUS
41	8/22/2016	8995	9117	40	MARCELLUS
42	8/22/2016	8845	8968	40	MARCELLUS
43	8/22/2016	8695	8817	40	MARCELLUS
44	8/22/2016	8545	8667	40	MARCELLUS
45	8/22/2016	8395	8517	40	MARCELLUS
46	8/23/2016	8245	8367	40	MARCELLUS
47	8/23/2016	8095	8217	40	MARCELLUS
48	8/23/2016	7945	8067	40	MARCELLUS
49	8/23/2016	7795	7917	40	MARCELLUS
50	8/23/2016	7645	7767	40	MARCELLUS
51	8/23/2016	7495	7617	40	MARCELLUS

Received
Office of Oil & Gas
NOV 17 2016

Hydraulic Fracturing Fluid Product Component Information Disclosure

Job Start Date:	8/15/2016
Job End Date:	8/23/2016
State:	West Virginia
County:	Ritchie
API Number:	47-085-10219-00-00
Operator Name:	EQT Production
Well Name and Number:	515883
Latitude:	39.21104200
Longitude:	-80.98609600
Datum:	NAD83
Federal Well:	NO
Indian Well:	NO
True Vertical Depth:	6,341
Total Base Water Volume (gal):	10,723,690
Total Base Non Water Volume:	0



Received
Office of Oil & Gas
NOV 17 2016

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
Water	Halliburton	Carrier/Base Fluid	Water	7732-18-5	100.00000	71.80195	None
WG 36	Halliburton	Gelling Agent		Listed Below			

Sand (Proppant)	Halliburton	Proppant						
						Listed Below		
Other Chemical (s)	Listed Above	See Trade Name (s) List						
						Listed Below		
A-12	Halliburton	Additive						
						Listed Below		
MC MX 5-3886	Multi-Chem Group	Specialty Brine						
						Listed Below		
Hydrochloric Acid (15%)	Halliburton	Acidizing						
						Listed Below		
MC S-2510T	Multi-Chem Group	Scale Inhibitor						
						Listed Below		
FR-78	Halliburton	Friction Reducer						
						Listed Below		
HAI-OS	Halliburton	Corrosion Inhibitor						
						Listed Below		
MC MX 8-2544	Multi-Chem Group	Live Culture - Nitrate Reducing Bacteria						
						Listed Below		

				Listed Below			
Items above are Trade Names with the exception of Base Water. Items below are the individual ingredients.							
				14808-60-7	100.00000	26.84428	None
				13477-34-4	100.00000	0.25055	None
				7647-01-0	15.00000	0.12622	None
				64742-47-8	30.00000	0.04436	
				64742-47-8	30.00000	0.04436	None
				Proprietary	30.00000	0.04436	
				Proprietary	30.00000	0.04436	None
				107-21-1	60.00000	0.03651	
				107-21-1	60.00000	0.03651	None
				Proprietary	100.00000	0.02925	None
				Contains no hazardous substances in concentrations above cut-off values according to the competent authority			
				Sodium chloride	100.00000	0.02243	None
				Fatty nitrogen derived amides	5.00000	0.00739	None
				Ethoxylated alcohols	5.00000	0.00739	
				Fatty nitrogen derived amides	5.00000	0.00739	
				Ethoxylated alcohols	5.00000	0.00739	None
				Proprietary	30.00000	0.00673	None
				Proprietary	5.00000	0.00112	None
				Sodium nitrate	5.00000	0.00112	None
				Sodium chloride	5.00000	0.00112	None
				Methanol	60.00000	0.00083	
				Methanol	60.00000	0.00083	None
				Modified thiourea polymer	30.00000	0.00041	

		Ethoxylated alcohols	Proprietary	30.00000	0.00041	None
		Modified thiourea polymer	Proprietary	30.00000	0.00041	None
		Ethoxylated alcohols	Proprietary	30.00000	0.00041	
		Propargyl alcohol	107-19-7	10.00000	0.00014	None
		Propargyl alcohol	107-19-7	10.00000	0.00014	
		Guar gum	9000-30-0	100.00000	0.00012	None
		Guar gum	9000-30-0	100.00000	0.00012	

* Total Water Volume sources may include various types of water including fresh water, produced water, and recycled water

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

*** If you are calculating a percentage of total ingredients do not add the water volume below the green line to the water volume above the green line

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)

Well Operator's Report of Well Work



Where energy meets innovation.

Well Number: 515883

API: 47 - 085 - 10219

Submission: Initial Amended

Notes: w/o Flowback

A yellow sticky note is attached to the page. It has the word "Interim" written on it in black cursive handwriting. There is a small mark above the 'I'.

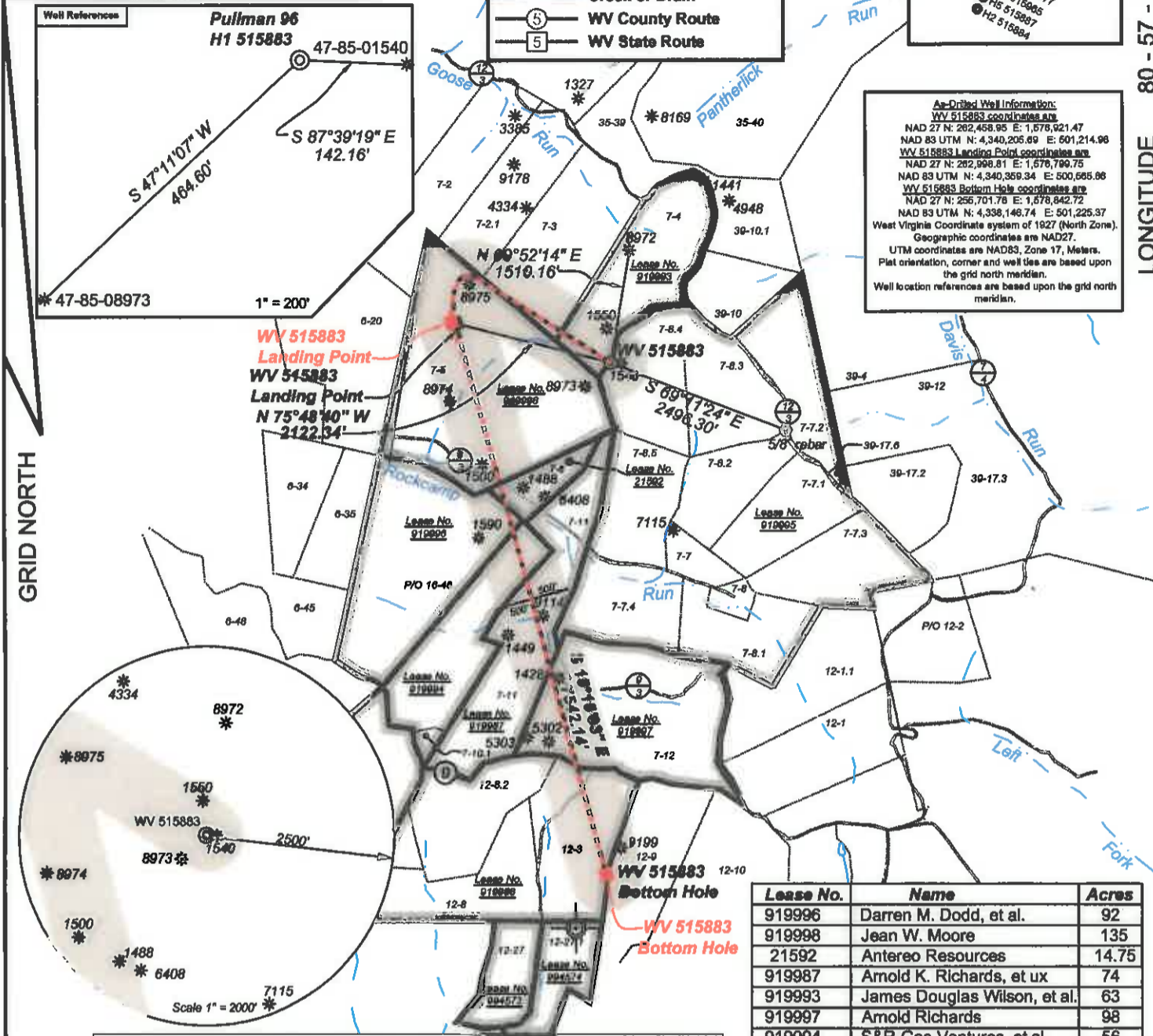
WV 515883
EQT Production Company
Laurie Ann Haddox, et al
360 Acres

- Proposed Gas Well
- Located Corner, as noted
- Surface Tract Lines
- Reference Line
- Lease Boundary
- Creek or Drain
- Ⓢ WV County Route
- Ⓢ WV State Route

LATITUDE 39 - 15 - 00

- Pullman 96**
- H9 515897
 - H9 515900
 - H4 515898
 - H4 515899
 - H1 515885
 - H1 515883
 - H10 515877
 - H5 515895
 - H2 515894

As-Drilled Well Information:
 WV 515883 coordinates are
 NAD 27 N: 262,458.85 E: 1,678,921.47
 NAD 83 UTM N: 4,340,205.69 E: 601,214.98
 WV 515883 Landing Point coordinates are
 NAD 27 N: 282,998.81 E: 1,676,790.75
 NAD 83 UTM N: 4,340,359.34 E: 500,565.96
 WV 515883 Bottom Hole coordinates are
 NAD 27 N: 256,701.78 E: 1,678,842.72
 NAD 83 UTM N: 4,336,146.74 E: 501,225.37
 West Virginia Coordinate system of 1927 (North Zone).
 Geographic coordinates are NAD27.
 UTM coordinates are NAD83, Zone 17, Meters.
 Plat orientation, corner and well ties are based upon
 the grid north meridian.
 Well location references are based upon the grid north
 meridian.



Lease No.	Name	Acres
919996	Darren M. Dodd, et al.	92
919998	Jean W. Moore	135
21592	Antereo Resources	14.75
919987	Arnold K. Richards, et ux	74
919993	James Douglas Wilson, et al.	63
919997	Arnold Richards	98
919994	S&R Gas Ventures, et al.	56
919988	William K. Wilson Trust	98

(●) Denotes Location of Well on United States Topographic Maps



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 regulations issued and prescribed by the Department of Environmental Protection.

Dwayne A. Hall
 P.S. 2089SU



FILE NO: 243-14
 DRAWING NO: 243-14 Pullman 96 H1.dwg
 SCALE: 1" = 2000'
 MINIMUM DEGREE OF ACCURACY: 1:2500
 PROVEN SOURCE OF ELEVATION: NGS CORS Station

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

DATE: February 23 20 16
 OPERATOR'S WELL NO. 515883
 API WELL NO
 47 - 85 - 10219
 STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF GAS) PRODUCTION: STORAGE DEEP SHALLOW
 LOCATION: ELEVATION: Original: 1194' Proposed: 1182' WATERSHED Goose Run of Rockcamp Run QUADRANGLE: Pullman
 DISTRICT: Union COUNTY: Ritchie
 SURFACE OWNER: James H. & Wilma J. Wilson ACREAGE: 40.089
 ROYALTY OWNER: Laurie Ann Haddox, et al LEASE NO: 919995 ACREAGE: 360
 PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus ESTIMATED DEPTH: TVD 6,398

WELL OPERATOR: EQT Production Company DESIGNATED AGENT: Rex C. Ray
 ADDRESS: PO Box 280 / 115 Professional Place ADDRESS: PO Box 280 / 115 Professional Place
Bridgeport, WV 26330 Bridgeport, WV 26330