

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

API 47 - 103 - 02984 County Wetzel District Grant
Quad Big Run 7.5 Pad Name BIG177 Field/Pool Name _____
Farm name Coastal Co. Well Number 511407
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 4,381,519.8 Easting 535,790.7
Landing Point of Curve Northing 4,381,665.6 Easting 535,645.1
Bottom Hole Northing 4,383,147.9 Easting 534,824.9

Elevation (ft) 811' 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)
Water base Mud 14.2 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 11/17/2014 Date drilling commenced 9/6/2015 Date drilling ceased 11/22/2015
Date completion activities began 1/19/2016 Date completion activities ceased 1/31/2016
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 170', 280', 480', 630' Open mine(s) (Y/N) depths _____
Salt water depth(s) ft 1,325', 1,400' Void(s) encountered (Y/N) depths APR 18 2016
Coal depth(s) ft 100', 510' Cavern(s) encountered (Y/N) depths N

Is coal being mined in area (Y/N) N

APPROVED

NAME: Derek M. Haight
DATE: 5/19/16

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Reviewed by DH
WV Department of Environmental Protection

AX 05/23/2016

API 47-103 - 02984

Farm name Coastal Co.

Well number 511407

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	26"	20"	40'	NEW	A-500	N/A	Y
Surface	17 1/2"	13 3/8"	810'	NEW	J-55	N/A	Y
Coal	24"	18 5/8"	341'	NEW	J-55	125'	Y
Intermediate 1	12 3/8"	9 5/8"	2,764'	NEW	A-500	876'	Y
Intermediate 2							
Intermediate 3							
Production	8-1/2"	5-1/2"	13,315'	NEW	P-110	N/A	N
Tubing							
Packer type and depth set							

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	98	15.6	1.18	115.64	0	8
Surface	Class A	655	15.6	1.20	786	0	8
Coal	Class A	630	15.6	1.20	756	0	8
Intermediate 1	Class A	547	15.6	1.18	645.5	0	8
Intermediate 2							
Intermediate 3							
Production	Class H / Class H	659 / 768	15.2 / 15.6	1.25 / 2.06	823.75 / 1582 / 2405.75	3,053'	72+
Tubing							

Drillers TD (ft) 13,326'	Loggers TD (ft) N/A
Deepest formation penetrated Marcellus	Plug back to (ft) N/A
Plug back procedure N/A	

Kick off depth (ft) 5,384'

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
 FRESH WATER/COAL PROT: 2 CENTRALIZERS AT 766' & 346'
 SURFACE: 2 CENTRALIZERS AT 298' & 125'
 INTERMEDIATE: 7 CENTRALIZERS AT EVERY 500'
 PRODUCTION: Composite body spiral centralizers run every joint from bottom to 3,400 RMD.

WAS WELL COMPLETED AS SHOT HOLE Yes No DETAILS _____

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WAS WELL COMPLETED OPEN HOLE? Yes No DETAILS _____

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

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API 47- 103 - 02984 Farm name Coastal Co. Well number 511407

PRODUCING FORMATION(S)	DEPTHS	
MARCELLUS	6,840.30 TVD	7,061.00 MD

Please insert additional pages as applicable.

GAS TEST Build up Drawdown Open Flow OIL TEST Flow Pump

SHUT-IN PRESSURE Surface 2,314 psi Bottom Hole N/A psi DURATION OF TEST 106.00 hrs

OPEN FLOW Gas 10,811 mcfpd Oil N/A bpd NGL 20 bpd Water 710 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 6)
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 ALLIED SERVICES
Address 333 Technology Drive, Suite 290 City Canonsburg State PA Zip 15317

Stimulating Company FTS International
Address 301 E. 18th Street City Cisco State TX Zip 76437

Please insert additional pages as applicable.

Completed by Jim Helmick Telephone (412) 395-5518
Signature  Title VP Completions Date 4/11/2016

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

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API 47- 103 - 02984 Farm name Coastal Co. Well number 511407

Drilling Contractor Savanna Drilling Rig 803
Address 125 Industry Road City Rices Landing State PA Zip 15357

Logging Company _____
Address _____ City _____ State _____ Zip _____

Logging Company Hoss Co. Services LLC
Address 614 Trotters Lane City Charleston State WV Zip 25312

Cementing Company Baker Hughes Oil Field Operations
Address 837 Phillippi Pike City Clarksburg State WV Zip 26301



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511407 Final Formations (API #47-10302984)

Formation Name	Final Top MD (ftGL) (ft)	Final Top TVD (ft)	Final Btm MD (ftGL) (ft)	Final Btm TVD (ft)
SAND/SHALE	1		106	
COAL	106		109	
SAND/SHALE	109		166	
WAYNESBURG	166		170	
SAND/SHALE	170		444	
MAPLETOWN	444		448	
SAND/SHALE	448		554	
PITTSBURGH	554		561	
SAND/SHALE	561		1,705.00	
MAXTON	1,705.00		1,749.00	
SAND/SHALE	1,749.00		1,821.00	
BIG LIME	1,821.00		1,874.00	
SAND/SHALE	1,874.00		2,203.00	
WEIR	2,203.00		2,231.00	
SAND/SHALE	2,231.00		2,377.00	
GANTZ	2,377.00		2,415.00	
SAND/SHALE	2,415.00		2,528.00	
50F	2,528.00		2,573.00	
SAND/SHALE	2,573.00		2,599.00	
30F	2,599.00		2,633.00	
SAND/SHALE	2,633.00		2,646.00	
GORDON	2,646.00		2,691.00	
SAND/SHALE	2,691.00		2,733.00	
4TH SAND	2,733.00		2,744.00	
SAND/SHALE	2,744.00		2,785.00	
BAYARD	2,785.00		2,858.00	
SAND/SHALE	2,858.00		3,242.00	
WARREN	3,242.00		3,288.00	
SAND/SHALE	3,288.00		3,392.00	
SPEECHLEY	3,392.00		3,406.00	
SAND/SHALE	3,406.00		3,781.00	
BALLTOWN A	3,781.00		3,798.00	
SAND/SHALE	3,798.00		4,241.00	
RILEY	4,241.00		4,254.00	
SAND/SHALE	4,254.00		4,852.00	
BENSON	4,852.00		5,225.00	
ALEXANDER	5,225.00		6,485.00	6,367.80
RHINESTREET	6,485.00	6,367.80	6,539.00	6,421.40
SONYEA	6,539.00	6,421.40	6,675.00	6,552.00
MIDDLESEX	6,675.00	6,552.00	6,740.00	6,729.20
GENESEE	6,740.00	6,611.70	6,837.00	6,746.90
GENESEO	6,837.00	6,698.30	6,875.00	6,840.30
TULLY	6,875.00	6,729.20	6,898.00	
HAMILTON	6,898.00	6,746.90	7,061.00	
MARCELLUS	7,061.00	6,840.30		

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511407 47-103-02984-0000 - 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 (bbls)	Amount of Nitrogen/other (units)
Initiation Sleeve	1/19/2016	14.5	7,156	9,011	5,833	0	792	0
1	1/20/2016	70.4	8,517	9,212	4,661	251,447.00	9,763	0
2	1/21/2016	82.8	8,954	9,330	4,648	251,886.00	6,655	0
3	1/21/2016	81.1	9,040	9,303	4,828	250,475.00	6,775	0
4	1/21/2016	80.6	9,106	9,410	5,281	220,089.00	6,079	0
5	1/22/2016	85.2	9,063	9,430	4,777	250,339.00	6,361	0
6	1/22/2016	78.9	9,053	9,354	4,990	250,170.00	6,341	0
7	1/22/2016	78.4	9,097	9,315	4,938	250,636.00	6,366	0
8	1/24/2016	82.5	9,002	9,175	4,961	247,384.00	6,109	0
9	1/25/2016	82.5	9,058	9,257	5,357	248,241.00	6,567	0
10	1/25/2016	82.1	8,892	9,130	5,459	250,941.00	6,600	0
11	1/25/2016	84.3	8,035	9,251	5,296	250,931.00	6,252	0
12	1/25/2016	84	8,952	9,301	5,983	251,491.00	6,343	0
13	1/26/2016	81.4	8,944	9,237	5,604	254,144.00	6,432	0
14	1/26/2016	83.4	9,074	9,247	5,445	251,130.00	6,169	0
15	1/26/2016	84.4	9,142	9,372	5,521	249,617.00	6,108	0
16	1/26/2016	84	9,066	9,317	5,243	252,664.00	6,159	0
17	1/26/2016	82.3	8,869	9,410	6,113	253,304.00	6,135	0
18	1/27/2016	93.3	8,860	9,157	5,357	253,925.00	6,089	0
19	1/27/2016	90.5	9,080	9,226	5,853	251,366.00	6,346	0
20	1/27/2016	89.3	9,060	9,394	5,610	251,135.00	6,075	0
21	1/27/2016	90	8,865	9,375	5,580	252,440.00	6,167	0
22	1/28/2016	82.5	8,997	9,261	5,619	251,028.00	5,960	0
23	1/28/2016	81.7	9,111	8,417	5,305	248,768.00	6,048	0
24	1/28/2016	84.5	9,152	9,317	5,358	248,620.00	5,952	0
25	1/28/2016	86	9,160	9,475	5,407	250,648.00	6,167	0
26	1/28/2016	88.8	9,009	9,349	5,646	249,796.00	5,946	0
27	1/29/2016	85.6	8,934	9,444	5,429	249,688.00	6,146	0
28	1/29/2016	90.3	8,976	9,319	5,547	250,741.00	5,847	0
29	1/29/2016	90.2	9,076	9,410	5,631	250,405.00	6,034	0
30	1/29/2016	100.3	8,983	9,180	5,805	249,042.00	5,861	0
31	1/29/2016	98.9	9,037	9,191	5,330	249,483.00	5,799	0
32	1/29/2016	97.9	8,775	9,251	5,563	250,584.00	5,693	0
33	1/29/2016	97.8	8,676	9,337	5,889	250,085.00	5,796	0
34	1/30/2016	97.7	8,785	9,039	5,543	249,829.00	5,744	0
35	1/30/2016	76.8	8,649	9,143	5,748	251,748.00	6,638	0
36	1/30/2016	96.7	8,903	9,486	5,732	249,860.00	6,286	0
37	1/30/2016	94.7	8,647	9,318	5,403	250,179.00	6,567	0
38	1/30/2016	96.8	8,484	9,098	5,682	250,038.00	5,651	0
39	1/31/2016	94.6	8,534	9,489	5,759	248,233.00	5,843	0
40	1/31/2016	90.1	8,269	9,422	5,739	248,317.00	5,633	0
41	1/31/2016	95.7	8,771	9,274	5,731	234,558.00	6,250	0

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511407- 47-103-02984-0000 - Perforations

Stage Number	Perforation Date	Top Perf Depth (ftKB)	Bottom Perf Depth (ftKB)	Number of Shots	Formation
Initiation Sleeve	11/25/2015	13,314	13,315	10	MARCELLUS
1	1/20/2016	13,168	13,260	32	MARCELLUS
2	1/20/2016	13,018	13,132	40	MARCELLUS
3	1/21/2016	12,867	12,990	40	MARCELLUS
4	1/21/2016	12,718	12,840	40	MARCELLUS
5	1/21/2016	12,568	12,690	40	MARCELLUS
6	1/22/2016	12,419	12,540	40	MARCELLUS
7	1/22/2016	12,268	12,390	40	MARCELLUS
8	1/22/2016	12,121	12,240	40	MARCELLUS
9	1/24/2016	11,968	12,090	40	MARCELLUS
10	1/25/2016	11,822	11,940	40	MARCELLUS
11	1/25/2016	11,668	11,790	40	MARCELLUS
12	1/25/2016	11,520	11,637	40	MARCELLUS
13	1/26/2016	11,368	11,490	40	MARCELLUS
14	1/26/2016	11,215	11,340	40	MARCELLUS
15	1/26/2016	11,068	11,190	40	MARCELLUS
16	1/26/2016	10,918	11,040	40	MARCELLUS
17	1/26/2016	10,768	10,892	40	MARCELLUS
18	1/27/2016	10,618	10,740	40	MARCELLUS
19	1/27/2016	10,468	10,590	40	MARCELLUS
20	1/27/2016	10,316	10,440	40	MARCELLUS
21	1/27/2016	10,168	10,290	40	MARCELLUS
22	1/27/2016	10,018	10,140	40	MARCELLUS
23	1/28/2016	9,868	9,990	40	MARCELLUS
24	1/28/2016	9,718	9,836	40	MARCELLUS
25	1/28/2016	9,568	9,688	40	MARCELLUS
26	1/28/2016	9,418	9,540	40	MARCELLUS
27	1/28/2016	9,270	9,390	40	MARCELLUS
28	1/29/2016	9,118	9,240	40	MARCELLUS
29	1/29/2016	8,968	9,090	40	MARCELLUS
30	1/29/2016	8,818	8,940	40	MARCELLUS
31	1/29/2016	8,668	8,790	40	MARCELLUS
32	1/29/2016	8,516	8,640	40	MARCELLUS
33	1/29/2016	8,368	8,490	40	MARCELLUS
34	1/30/2016	8,218	8,340	40	MARCELLUS
35	1/30/2016	8,068	8,190	40	MARCELLUS
36	1/30/2016	7,916	8,036	40	MARCELLUS
37	1/30/2016	7,768	7,890	40	MARCELLUS
38	1/30/2016	7,618	7,740	40	MARCELLUS
39	1/30/2016	7,468	7,590	40	MARCELLUS
40	1/31/2016	7,318	7,440	40	MARCELLUS
41	1/31/2016	7,168	7,290	40	MARCELLUS

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Hydraulic Fracturing Fluid Product Component Information Disclosure

Job Start Date:	1/19/2016
Job End Date:	1/31/2016
State:	West Virginia
County:	Wetzel
API Number:	47-103-02984-00-00
Operator Name:	EQT Production
Well Name and Number:	511407
Longitude:	-80.58412000
Latitude:	39.58256800
Datum:	NAD83
Federal/Tribal Well:	NO
True Vertical Depth:	6,840
Total Base Water Volume (gal):	10,774,848
Total Base Non Water Volume:	0



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	FTS International	Carrier/Base Fluid	Water	7732-18-5	100.00000	89.43353	None
Sand (Proppant)	FTS International	Proppant	Silica Substrate	14808-60-7	100.00000	10.17053	None
MC MX 5-3886	Multi Chem	Specialty Brine	Calcium nitrate 4H2O	13477-34-4	100.00000	0.10691	None
FRW-900	FTS International	Friction reducer	Hydrotreated light distillate	64742-47-8	30.00000	0.02046	None
			Alkyl alcohol	Proprietary	10.00000	0.00682	None
			Oxyalkylated alcohol A	Proprietary	5.00000	0.00341	None
Hydrochloric Acid (15%)	FTS International	Acidizing	Hydrochloric Acid	7647-01-0	15.00000	0.02931	None
CS-500-SI	FTS International	Scale inhibitor	Ethylene glycol	107-21-1	10.00000	0.00251	None
CI-150	FTS International	Acid corrosion inhibitor	Ethylene glycol	107-21-1	30.00000	0.00011	None
			Organic amine resin salt	Proprietary	30.00000	0.00011	None
			Isopropanol	67-63-0	30.00000	0.00011	None
			Aromatic aldehyde	Proprietary	10.00000	0.00004	None

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			Quaternary ammonium compound	Proprietary	10.00000	0.00004	None
			Dimethylformamide	68-12-2	10.00000	0.00004	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)

COASTAL FOREST RESOURCES COMPANY
d/b/a COASTAL TIMBERLANDS COMPANY
178 ACRES±
TM 07-03

LATITUDE 39° 35' 00"

EQT PRODUCTION COMPANY HIGGINS LEASE 217 ACRES± WELL NO. WV 511407 (BIG177 H1)

NAD'27 S.P.C.(FT) N. 396,138.1 E. 1,694,445.7
NAD'27 GEO. LAT-(N) 39.582568 LONG-(W) 80.584120
NAD'83 UTM (M) N. 4,381,519.8 E. 535,730.7

LANDING POINT

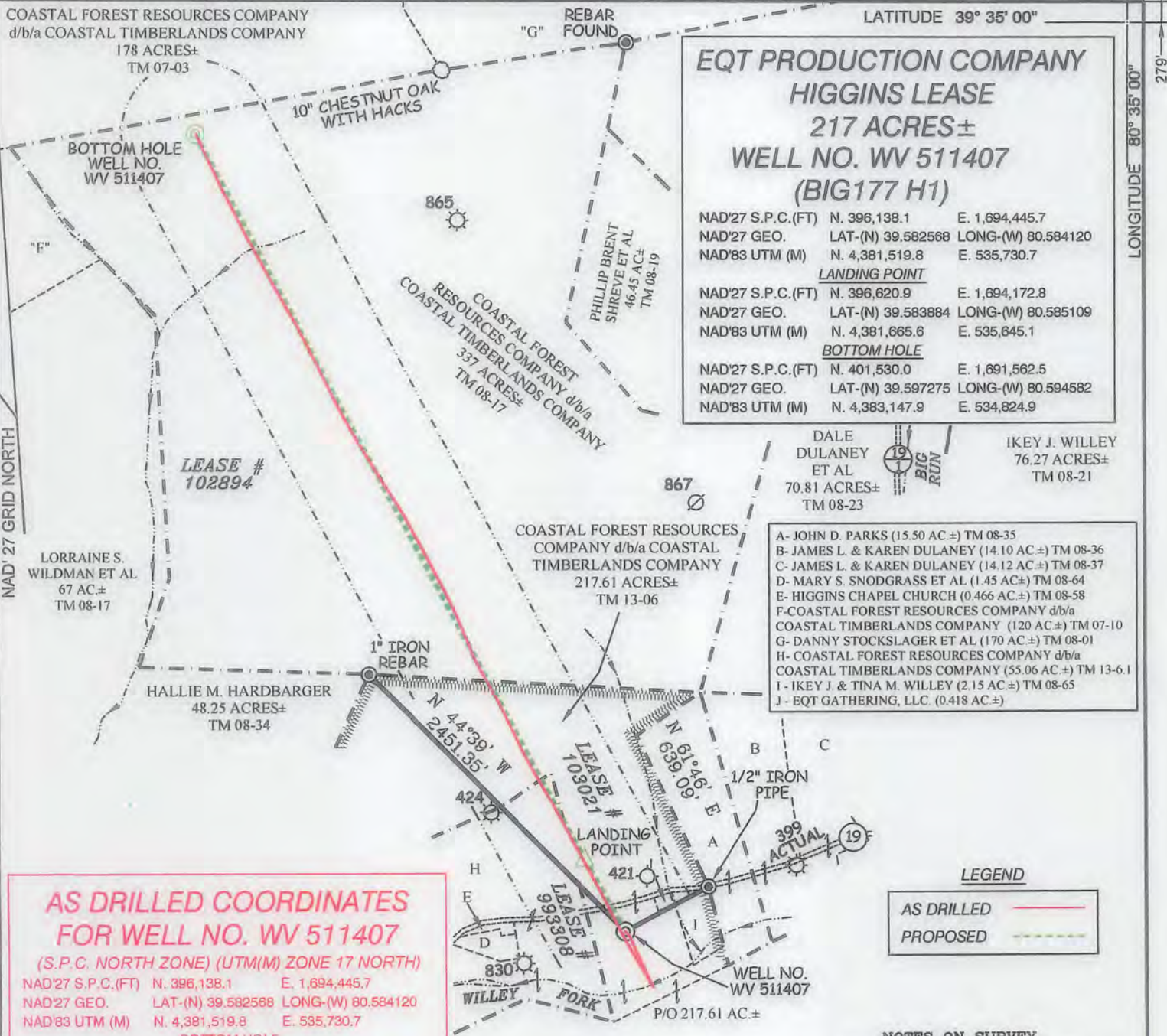
NAD'27 S.P.C.(FT) N. 396,620.9 E. 1,694,172.8
NAD'27 GEO. LAT-(N) 39.583884 LONG-(W) 80.585109
NAD'83 UTM (M) N. 4,381,665.6 E. 535,645.1

BOTTOM HOLE

NAD'27 S.P.C.(FT) N. 401,530.0 E. 1,691,562.5
NAD'27 GEO. LAT-(N) 39.597275 LONG-(W) 80.594582
NAD'83 UTM (M) N. 4,383,147.9 E. 534,824.9

NAD' 27 GRID NORTH

LONGITUDE 80° 35' 00"



**AS DRILLED COORDINATES
FOR WELL NO. WV 511407**
(S.P.C. NORTH ZONE) (UTM(M) ZONE 17 NORTH)
NAD'27 S.P.C.(FT) N. 396,138.1 E. 1,694,445.7
NAD'27 GEO. LAT-(N) 39.582568 LONG-(W) 80.584120
NAD'83 UTM (M) N. 4,381,519.8 E. 535,730.7
BOTTOM HOLE
NAD'27 S.P.C.(FT) N. 401,532.3 E. 1,691,566.7
NAD'27 GEO. LAT-(N) 39.597281 LONG-(W) 80.594567
NAD'83 UTM (M) N. 4,383,148.6 E. 534,826.2

LEGEND
AS DRILLED ———
PROPOSED - - - - -

- A- JOHN D. PARKS (15.50 AC±) TM 08-35
- B- JAMES L. & KAREN DULANEY (14.10 AC±) TM 08-36
- C- JAMES L. & KAREN DULANEY (14.12 AC±) TM 08-37
- D- MARY S. SNODGRASS ET AL (1.45 AC±) TM 08-64
- E- HIGGINS CHAPEL CHURCH (0.466 AC±) TM 08-58
- F- COASTAL FOREST RESOURCES COMPANY d/b/a COASTAL TIMBERLANDS COMPANY (120 AC±) TM 07-10
- G- DANNY STOCKSLAGER ET AL (170 AC±) TM 08-01
- H- COASTAL FOREST RESOURCES COMPANY d/b/a COASTAL TIMBERLANDS COMPANY (55.06 AC±) TM 13-6.1
- I- IKEY J. & TINA M. WILLEY (2.15 AC±) TM 08-65
- J- EQT GATHERING, LLC (0.418 AC±)

NOTES ON SURVEY

1. NO WATER WELLS WERE FOUND WITHIN 250' OF PROPOSED GAS WELL. NO AGRICULTURAL BUILDINGS ≥ 2500 SQ. FT. WERE FOUND WITHIN 625' OF THE CENTER OF PROPOSED WELL PAD. SEE REFERENCE BOX FOR EXISTING DWELLING LESS THAN 625' FROM CENTER OF PROPOSED PAD.
2. AS DRILLED INFORMATION PROVIDED BY EQT.

Professional Energy Consultants
A DIVISION OF SMITH LAND SURVEYING, INC.
SLS
SURVEYORS
ENGINEERS
ENVIRONMENTAL
PROJECT MGMT.
(304) 482-5634
WWW.SLSURVEYS.COM



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 DIVISION OF ENVIRONMENTAL PROTECTION.

P.S. 2288 *Earl N. Thompson*

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.
DATE MAY 20, 20 13
REVISED 07/29/13, 09/18/13, 01/23/14, 01/29/14 & 04/08/16
OPERATORS WELL NO. WV 511407
API WELL NO. 47 - 103 - 02984H
STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 2500 FILE NO. 6806AD511407
HORIZONTAL & VERTICAL CONTROL DETERMINED BY DGPS (SURVEY GRADE TIE TO CORS NETWORK) SCALE 1" = 1000'

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

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL IF "GAS" PRODUCTION STORAGE DEEP SHALLOW
LOCATION: ELEVATION 809' (GROUND) 811' (PROPOSED) WATERSHED WILLEY FORK OF NORTH FORK FISHING CREEK
DISTRICT GRANT COUNTY WETZEL QUADRANGLE BIG RUN 7.5'
SURFACE OWNER COASTAL FOREST RESOURCES CO. d/b/a COASTAL TIMBERLANDS CO. ACREAGE 27± OF 217±
ROYALTY OWNER HIGGINS FAMILY TRUST (242.5 AC±) / COASTAL FOREST RESOURCES CO. d/b/a COASTAL TIMBERLANDS CO. ET AL (57.5 AC±) / EQT PRODUCTION COMPANY (300 AC±)
PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION PERFORATE NEW FORMATION PLUG AND ABANDON CLEAN OUT AND REPLUG OTHER
PHYSICAL CHANGE IN WELL (SPECIFY) _____ TARGET FORMATION MARCELLUS ESTIMATED DEPTH 6,890'

WELL OPERATOR EQT PRODUCTION COMPANY DESIGNATED AGENT REX C. RAY
ADDRESS 115 PROFESSIONAL PLACE P.O. BOX 280 BRIDGEPORT, WV 26330 ADDRESS 115 PROFESSIONAL PLACE P.O. BOX 280 BRIDGEPORT, WV 26330

COUNTY NAME PERMIT