

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

API 47-049-02334 County MARION District MANNINGTON
Quad GLOVER GAP. WV Pad Name GLO76 Field/Pool Name _____
Farm name ROBERT E. TONKERY Well Number 515525
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 4,379,497 Easting 543,870
Landing Point of Curve Northing 4,379,357 Easting 543,430
Bottom Hole Northing 4,378,040 Easting 544,115

Elevation (ft) 1424' 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 12.4 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 09/30/2014 Date drilling commenced 7/16/2015 Date drilling ceased 11/28/2015
Date completion activities began 2/28/2016 Date completion activities ceased 3/6/2016
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 263 Open mine(s) (Y/N) depths _____
Salt water depth(s) ft 1883,2123,2438 Void(s) encountered (Y/N) depths _____
Coal depth(s) ft 652,808,1067,1166 Cavern(s) encountered (Y/N) depths _____

Is coal being mined in area (Y/N) N
APPROVED
NAME: Opelcia Johnson
DATE: 9/22/16

RECEIVED
Office of Oil and Gas
JUN 09 2016
WV Department of
Environmental Protection
10/28/2016

API 47-049 02334

Farm name ROBERT E. TONKERY

Well number 515525

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"	962'	NEW	J-55	164'	Y
Coal							
Intermediate 1	12 3/8"	9 5/8"	3054'	NEW	A-500	1114'	Y
Intermediate 2							
Intermediate 3							
Production	8-1/2"	5-1/2"	13,362'	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	38	15.6	1.18	44.84	0	8
Surface	CLASS A	753	15.6	1.20	903.6	0	8
Coal							
Intermediate 1	CLASS A / CLASS A	987 / 229	15.6 / 15.6	1.18 / 1.20	1439.46	0	8
Intermediate 2							
Intermediate 3							
Production	Class A / Class H	1,456 / 696	15.2/15.6	1.07/1.84	1557.9/1280.6/2838.5	1,573'	72+
Tubing							

Drillers TD (ft) 13,362 Loggers TD (ft) N/A
 Deepest formation penetrated MARCELIUS Plug back to (ft) N/A
 Plug back procedure N/A

Kick off depth (ft) 5,493'

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: 3 CENTRALIZERS EVERY 500'

INTERMEDIATE: 8 CENTRALIZERS EVERY 500'

PRODUCTION: Composite body spiral centralizers installed every other joint from bottom to 5,362', and every 1,000' above to 3,054'

WAS WELL COMPLETED AS SHOT HOLE Yes No DETAILS _____

RECEIVED
Office of Oil and Gas

WAS WELL COMPLETED OPEN HOLE? Yes No DETAILS _____

JUN 02 2016

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

WV Department of
Environmental Protection

10/28/2016

API 47- 049 - 02334

Farm name ROBERT E. TONKERY

Well number 515525

PERFORATION RECORD

Stage No.	Perforation date	Perforated from MD ft.	Perforated to MD ft.	Number of Perforations	Formation(s)
Please See Attached					

Please insert additional pages as applicable.

STIMULATION INFORMATION PER STAGE

Complete a separate record for each stimulation stage.

Stage No.	Stimulations 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)
						Please	See	Attached
							RECEIVED Office of Oil and Gas	

Please insert additional pages as applicable.

JUN 02 2016

API 47- 049 - 02334 Farm name ROBERT E. TONKERY Well number 515525

<u>PRODUCING FORMATION(S)</u>	<u>DEPTHS</u>		
<u>MARCELLUS</u>	<u>7,656.00</u>	<u>TVD</u>	<u>8,348.00</u> <u>MD</u>

Please insert additional pages as applicable.

GAS TEST Build up Drawdown Open Flow OIL TEST Flow Pump

SHUT-IN PRESSURE Surface 2,375 psi Bottom Hole N/A psi DURATION OF TEST 94.50 hrs

OPEN FLOW Gas 13,592 mcfpd Oil N/A bpd NGL 0.0 bpd Water 6,502 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	
	<u>0</u>		<u>0</u>		

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 GYRODATA
Address 601 MAYER ST City BRIDGEVILLE State PA Zip 15017

Cementing Company ALLIED OIL & GAS SERVICES
Address 333 Technology Drive, Suite 290 City Canonsburg State PA Zip 15317

Stimulating Company Keane
Address 2121 Sage Road City Houston State TX Zip 77066

Please insert additional pages as applicable.

Completed by Jim Helmick Telephone (412) 395-5518
Signature [Signature] Title VP Completions Date 6/1/2016

Submittal of Hydraulic Fracturing Chemical Disclosure Information

Attach copy of FRACFOCUS Registry

RECEIVED
Office of Oil and Gas
WV Department of Environmental Protection
JUN 02 2016
10/28/2016

API 47- 049 - 02334 Farm name ROBERT E. TONKERY Well number 515525

Drilling Contractor Pioneer Drilling Services (Rig 72)
Address 1083 North 88 Road City Rices Landing State PA Zip 15357

Logging Company Pro Directional
Address 750 Conroe Park North Dr. City Conroe State TX Zip 77303

Logging Company _____
Address _____ City _____ State _____ Zip _____

Cementing Company C&J Energy Services
Address 2504 Smith Creek Road City Waynesburg State PA Zip 15370

RECEIVED
Office of Oil and Gas

JUN 02 2016

WV Department of
Environmental Protection

10/28/2016

515525 Final Formations (API #47-04902334)

Formation Name	Final Top MD (ftGL) (ft)	Final Top TVD (ft)	Final Btm MD (ftGL) (ft)	Final Btm TVD (ft)
SAND/SHALE	1	1	662	662
WASHINGTON	662	662	664	664
SAND/SHALE	664	664	818	818
WAYNESBURG	818	818	820	820
SAND/SHALE	820	820	1,077.00	1,077.00
SEWICKLEY	1,077.00	1,077.00	1,080.00	1,080.00
SAND/SHALE	1,080.00	1,080.00	1,176.00	1,176.00
PITTSBURGH	1,176.00	1,176.00	1,183.00	1,183.00
SAND/SHALE	1,183.00	1,183.00	2,146.00	2,145.90
MAXTON	2,146.00	2,145.90	2,183.00	2,182.90
SAND/SHALE	2,183.00	2,182.90	2,293.00	2,292.80
BIG LIME	2,293.00	2,292.80	2,362.00	2,361.80
SAND/SHALE	2,362.00	2,361.80	2,457.00	2,456.80
BIG INJUN	2,457.00	2,456.80	2,612.00	2,611.80
SAND/SHALE	2,612.00	2,611.80	2,730.00	2,729.80
WEIR	2,730.00	2,729.80	2,750.00	2,749.80
SAND/SHALE	2,750.00	2,749.80	2,938.00	2,937.80
GANTZ	2,938.00	2,937.80	3,098.00	3,097.80
50F	3,098.00	3,097.80	3,253.00	3,252.80
GORDON	3,253.00	3,252.80	3,382.00	3,381.80
BAYARD	3,382.00	3,381.80	3,864.00	3,863.70
WARREN	3,864.00	3,863.70	4,085.00	4,084.70
SPEECHLEY	4,085.00	4,084.70	4,446.00	4,445.60
BALLTOWN A	4,446.00	4,445.60	4,969.00	4,968.60
RILEY	4,969.00	4,968.60	5,528.00	5,527.50
BENSON	5,528.00	5,527.50	5,915.00	5,890.20
ALEXANDER	5,915.00	5,890.20	7,157.00	6,844.30
RHINESTREET	7,157.00	6,844.30	7,219.00	6,891.00
SONYEA	7,219.00	6,891.00	7,380.00	7,011.50
MIDDLESEX	7,380.00	7,011.50	7,434.00	7,051.80
GENESSEE	7,434.00	7,051.80	7,527.00	7,124.50
GENESE0	7,527.00	7,124.50	7,559.00	7,150.20
TULLY	7,559.00	7,150.20	8,132.00	7,567.40
HAMILTON	8,132.00	7,567.40	8,348.00	7,656.00
MARCELLUS	8,348.00	7,656.00		

RECEIVED
Office of Oil and Gas

JUN 02 2016

WV Department of
Environmental Protection

10/28/2016

515525 47-049-02334-0000 - 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	2/28/2016	23.2	8,506	9,083	5,463	0	504	0
1	2/29/2016	92.8	9,007	9,270	4,398	249,680.00	6,815	0
2	2/29/2016	94.55	8,886	9,224	4,393	251,080.00	6,452	0
3	2/29/2016	91.03	9,112	9,363	5,407	212,420.00	6,261	0
4	2/29/2016	101.7	8,813	9,044	4,809	248,260.00	6,639	0
5	3/1/2016	98.2	8,821	9,162	5,444	250,940.00	6,414	0
6	3/1/2016	97.29	8,569	9,210	5,089	255,440.00	6,439	0
7	3/1/2016	101.26	8,860	9,194	4,734	254,160.00	6,237	0
8	3/1/2016	100.56	8,710	8,970	5,171	251,620.00	6,287	0
9	3/2/2016	92	9,134	9,364	5,119	251,760.00	6,248	0
10	3/2/2016	91.3	9,208	9,409	5,325	251,100.00	6,270	0
11	3/2/2016	102.2	8,989	9,223	5,077	251,460.00	6,039	0
12	3/2/2016	100.2	8,799	9,109	5,655	250,660.00	6,105	0
13	3/2/2016	95.8	9,115	9,347	5,650	250,380.00	6,124	0
14	3/3/2016	96.4	9,037	9,295	5,420	249,220.00	6,128	0
15	3/3/2016	101.01	8,797	9,052	5,110	250,640.00	6,007	0
16	3/3/2016	101.06	8,684	9,054	5,346	251,840.00	5,944	0
17	3/3/2016	97.74	9,114	9,329	5,343	252,440.00	5,950	0
18	3/3/2016	96.2	9,050	9,360	5,205	251,440.00	6,101	0
19	3/3/2016	101.2	8,685	9,287	5,340	251,080.00	6,077	0
20	3/4/2016	100.4	8,643	8,946	5,490	250,460.00	6,113	0
21	3/4/2016	98.1	8,930	9,207	5,542	250,180.00	6,111	0
22	3/4/2016	96.72	8,638	9,427	5,176	252,860.00	5,604	0
23	3/4/2016	101.18	8,651	8,891	4,615	250,260.00	5,866	0
24	3/4/2016	101.66	8,691	8,863	5,068	251,840.00	5,889	0
25	3/4/2016	98.1	9,127	9,438	6,165	251,600.00	6,384	0
26	3/4/2016	100.6	8,921	9,203	5,360	250,571.00	5,957	0
27	3/5/2016	101.3	8,689	9,304	5,887	250,380.00	5,950	0
28	3/5/2016	99.3	8,737	9,289	6,168	250,280.00	5,895	0
29	3/5/2016	97.98	8,735	9,363	6,401	248,760.00	5,809	0
30	3/5/2016	98.63	8,798	9,320	5,960	250,960.00	5,863	0
31	3/5/2016	100.6	8,573	8,982	6,546	250,760.00	5,902	0
32	3/5/2016	100.3	8,820	9,206	6,567	254,520.00	6,596	0
33	3/5/2016	99.9	8,883	9,305	6,549	247,960.00	6,138	0

10/28/2016

515525 47-049-02334-0000 - Perforations

Stage Number	Perforation Date	Top Perf Depth (ftKB)	Bottom Perf Depth (ftKB)	Number of Shots	Formation
Initiation Sleeve	12/15/2015	13,351	13,352	10	MARCELLUS
1	2/28/2016	13,204	13,296	32	MARCELLUS
2	2/29/2016	13,054	13,176	40	MARCELLUS
3	2/29/2016	12,904	13,026	40	MARCELLUS
4	2/29/2016	12,754	12,876	40	MARCELLUS
5	2/29/2016	12,604	12,726	40	MARCELLUS
6	3/1/2016	12,454	12,576	40	MARCELLUS
7	3/1/2016	12,304	12,426	40	MARCELLUS
8	3/1/2016	12,154	12,276	40	MARCELLUS
9	3/1/2016	12,004	12,126	40	MARCELLUS
10	3/2/2016	11,854	11,976	40	MARCELLUS
11	3/2/2016	11,704	11,826	40	MARCELLUS
12	3/2/2016	11,554	11,676	40	MARCELLUS
13	3/2/2016	11,404	11,526	40	MARCELLUS
14	3/3/2016	11,254	11,374	40	MARCELLUS
15	3/3/2016	11,104	11,226	40	MARCELLUS
16	3/3/2016	10,954	11,076	40	MARCELLUS
17	3/3/2016	10,804	10,926	40	MARCELLUS
18	3/3/2016	10,654.00	10,776.00	40	MARCELLUS
19	3/3/2016	10,504.00	10,624.00	40	MARCELLUS
20	3/3/2016	10,354.00	10,476.00	40	MARCELLUS
21	3/4/2016	10,204.00	10,326.00	40	MARCELLUS
22	3/4/2016	10,054.00	10,176.00	40	MARCELLUS
23	3/4/2016	9,904.00	10,026.00	40	MARCELLUS
24	3/4/2016	9,754.00	9,876.00	40	MARCELLUS
25	3/4/2016	9,604.00	9,726.00	40	MARCELLUS
26	3/4/2016	9,454.00	9,574.00	40	MARCELLUS
27	3/5/2016	9,304.00	9,426.00	40	MARCELLUS
28	3/5/2016	9,154.00	9,276.00	40	MARCELLUS
29	3/5/2016	9,004.00	9,126.00	40	MARCELLUS
30	3/5/2016	8,854.00	8,976.00	40	MARCELLUS
31	3/5/2016	8,704.00	8,826.00	40	MARCELLUS
32	3/5/2016	8,554.00	8,676.00	40	MARCELLUS
33	3/5/2016	8,404.00	8,526.00	40	MARCELLUS

10/28/2016

Hydraulic Fracturing Fluid Product Component Information Disclosure

Job Start Date	2/28/2016
Job End Date	3/6/2016
State	West Virginia
County	Marion
API Number	47-049-02334-00-00
Operator Name	EQT Production
Well Name and Number	515525
Longitude	-80 45830000
Latitude	39 58330000
Datum	NAD83
Federal/Tribal Well	NO
True Vertical Depth	7,767
Total Base Water Volume (gal)	8,530,956
Total Base Non Water Volume	0



Hydraulic Fracturing Fluid Composition:

Trade Name	Supplier	Purpose	Ingredients	Chemical Service Number (CAS #)	Maximum Ingredient Concentration in Additive (% by mass)**	Maximum Ingredient Concentration in HF Fluid (% by mass)**	Comments
Water	Keane Frac	Carrier/Base Fluid	Water	7732-18-5	100.00000	89.37465	None
Sand (Proppant)	Keane Frac	Proppant					
KFR-20	Keane Frac	Friction Reducer	Silica Substrate	14808-60-7	100.00000	10.35349	None
			Water	7732-18-5	45.00000	0.01814	None
			Copolymer of 2-propenamide	89418-26-4	30.00000	0.01210	None
			Petroleum distillate	84742-47-8	20.00000	0.00806	None
			Oleic acid diethanolamide	93-83-4	2.00000	0.00081	None
			Alcohols, C12-16, ethoxylated	38551-12-2	2.00000	0.00081	None
			Ammonium chloride	12125-02-9	1.00000	0.00040	None
Hydrochloric Acid (15%)	Keane Frac	Acidizing					
LD-2250	MultiChem Group	Friction Reducer	Hydrochloric Acid	7647-01-0	15.00000	0.03052	None
			Hydrotreated light petroleum distillate	84742-47-8	30.00000	0.00658	None
			Polyacrylate	Proprietary	30.00000	0.00658	None
			Fatty nitrogen derived amides	Proprietary	5.00000	0.00110	None
			Ethoxylated alcohol	Proprietary	5.00000	0.00110	None

LD-2550	MultiChem Group	Additive	Sodium chloride	7647-14-5	5.00000	0.00110	None
			Inner salt of alkyl amines	Proprietary	60.00000	0.00336	None
AI-600p	Weatherford	Acid Corrosion Inhibitor	Sodium chloride	7647-14-5	10.00000	0.00056	None
			Ethylene glycol	107-21-1	40.00000	0.00020	None
			Dimethylformamide	68-12-2	20.00000	0.00010	None
			Cinnamaldehyde	104-55-2	15.00000	0.00007	None
			Pyridine, alkyl derivatives, quarternized with benzyl chloride	8899-18-2	15.00000	0.00007	None
			Nonyl phenol ethoxylate, branched	127087-87-0	15.00000	0.00007	None
			1-Decanol	112-30-1	5.00000	0.00002	None
			1-Octanol	111-87-5	5.00000	0.00002	None
			2-Butoxyethanol	111-76-2	5.00000	0.00002	None
			Methanol	67-56-1	2.50000	0.00001	None
			Triethyl phosphite	78-40-0	2.50000	0.00001	None
			Alkyl pyridine	68391-11-7	1.00000	0.00000	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)

WV 515525
EQT Production Company
Bower et al LEASE
111.0 Acres ±

Lease No.	Acres	Owner
991926	30	Kenneth S. Ketterer Jr. et al.
49-12-234	60.17	Trans Energy
49-12-233	40.8	Trans Energy
993303	106.5	East Resources Inc. et al.
991927	27	Delliah Harris et al.

Latitude: 39° 35' 00"

WV 515525 Well Point Coordinates

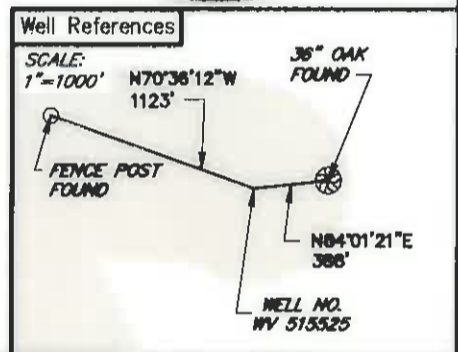
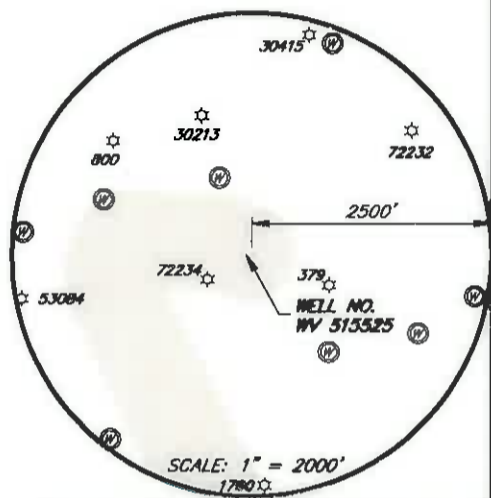
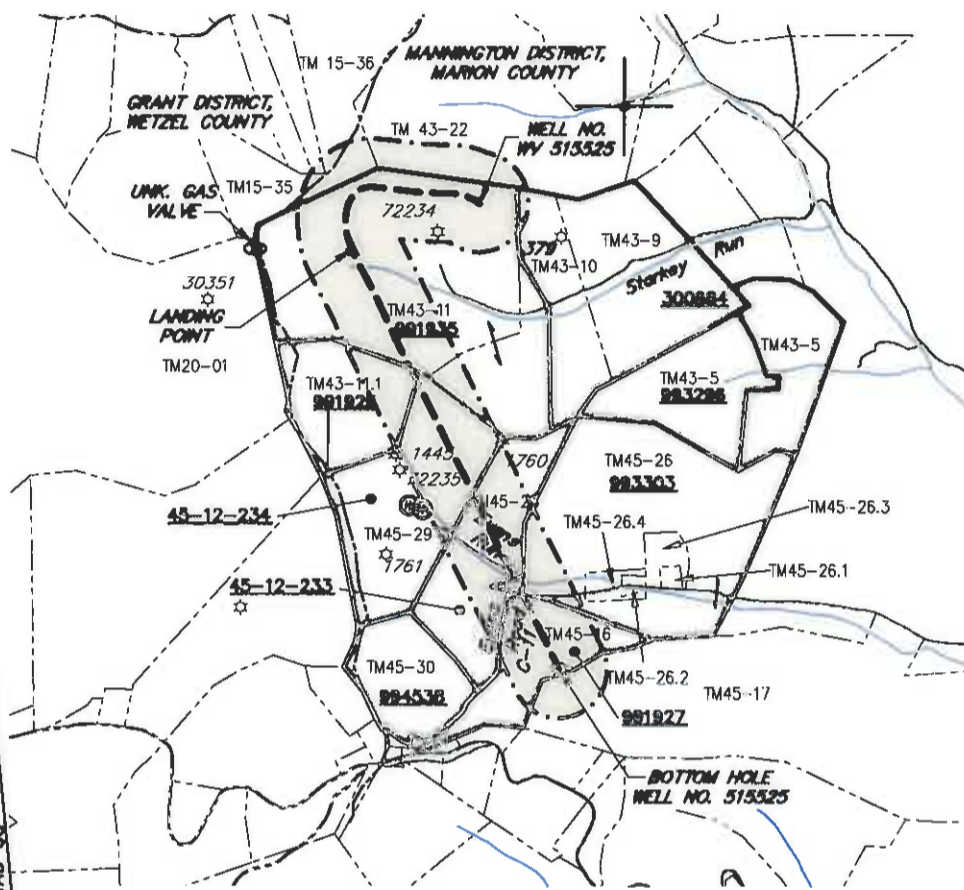
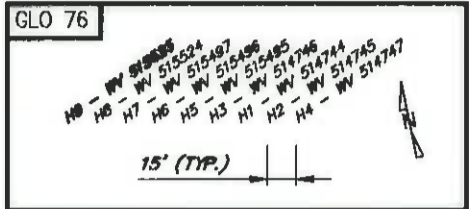
Top Hole Coordinates		
NAD 27 S.P.C. (FL)	N: 389,054.66	E: 1,721,044.74
NAD 27 GEO	LAT: 39.563965	LONG: 80.488477
NAD 83 UTM 17N (M)	N 4,379,497.3	E: 543,870.4
NAD 83 S.P.C. (FL)	N 389,082.3	E: 1,689,606.0
Landing Point Coordinates		
NAD 27 S.P.C. (FL)	N: 388,618.55	E: 1,719,592.69
NAD 27 GEO	LAT: 39.562723	LONG: 80.494610
NAD 83 UTM 17N (M)	N 4,379,357.0	E: 543,430.2
NAD 83 S.P.C. (FL)	N 388,656.2	E: 1,688,153.9
Bottom Hole Coordinates		
NAD 27 S.P.C. (FL)	N: 384,280.68	E: 1,721,767.84
NAD 27 GEO	LAT: 39.550825	LONG: 80.486726
NAD 83 UTM 17N (M)	N 4,378,040.4	E: 544,115.0
NAD 83 S.P.C. (FL)	N 384,298.3	E: 1,690,328.9

Longitude: 80° 27' 30"

LEGEND

- ☆ EXISTING OIL/GAS WELL
- ⊙ WATER FEATURE
- ⊙ WELL HEAD TOP HOLE
- ▲ WELL LANDING POINT
- WELL BOTTOM HOLE
- REBAR FOUND
- STONE FOUND
- - - - - WELL LATERAL LINE
- - - - - LEASE BOUNDARY
- - - - - BUFFER
- - - - - PROPERTY LINE
- - - - - STREAM
- - - - - 500' LATERAL COLLECTION

Coordinate Notes
West Virginia Coordinate System of 1927 (North Zone) Based upon Differential GPS Measurements.
Plot orientation, Corner and well ties are based upon the grid north meridian.
Well location references are based upon the grid north meridian.
UTM Coordinates are NAD83, Zone 17 Meters.



(+) 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 REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.



FILE NO.: EES-80635
DRAWING NO.: GLO76_Well Plat
SCALE: 1" = 2000'
MINIMUM DEGREE OF ACCURACY: ±3'
PROVEN SOURCE OF ELEVATION: GPS

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

DATE: DECEMBER 18, 2015
OPERATORS WELL NO. WV 515525
API WELL NO. 47 049 02334
STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL (IF GAS) PRODUCTION: STORAGE DEEP SHALLOW
LOCATION, ELEVATION: 1424' (Ground) 1455' (Prop.) WATERSHED: Starkey Run QUADRANGLE: GLOVER GAP, WV
DISTRICT: MANNINGTON COUNTY: Marion
SURFACE OWNER: Robert E. Tonkery ACREAGE: 111.00± AC
ROYALTY OWNER: Lynn Ann Brower, et al LEASE NO.: 991935 ACREAGE: 113.00± AC
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: 7,678'

WELL OPERATOR: EQT Production Company DESIGNATED AGENT: Rex C. Ray
ADDRESS: 115 Professional Pl. P.O. Box 280 ADDRESS: 115 Professional Pl. P.O. Box 280
Bridgeport, WV 26330 Bridgeport, WV 26330

WWW.ENCOMPASSSERVICES.COM PLOT DATE: 12/18/2015 CAD FILE: GLO76_WELL_PLAT_12-01-2015.DWG