

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

API 47-103-03017 County WETZEL District GRANT
Quad BIG RUN Pad Name BIG367 Field/Pool Name _____
Farm name DENCIL HENTHORN ET AL Well Number 515645
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 4,378,637.776 Easting 536,099.306
Landing Point of Curve Northing 4,378,581.853 Easting 536,781.542
Bottom Hole Northing 4,377,057.343 Easting 537,278.790

Elevation (ft) 1443 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 13.5 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 09/16/2014 Date drilling commenced 11/07/2014 Date drilling ceased 06/15/2015
Date completion activities began 3/7/2016 Date completion activities ceased 03/14/2016
Verbal plugging (Y/N) N Date permission granted N/A Granted by N/A
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Please note: Operator is required to submit a plugging application within 5 days of verbal permission to plug
WV Department of Environmental Protection

Freshwater depth(s) ft 433',478',705' Open mine(s) (Y/N) depths N
Salt water depth(s) ft 1965',2130',2168' Void(s) encountered (Y/N) depths N
Coal depth(s) ft 513',727',831',882',1019',1190',1680' Cavern(s) encountered (Y/N) depths N

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

APPROVED

NAME: Derek M. Hought
DATE: 9-23-16

Reviewed by: DH
10/28/2016

API 47- 103 03017

Farm name DENCIL HENTHORN ET AL

Well number 515645

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	28"	26"	40'	NEW	A-500 40LB/FT	NONE	Y
Surface	17.5"	13.375"	956'	NEW	J-55 54.5LB/FT	616',197'	Y
Coal							
Intermediate 1	12.375"	9.625"	2904'	NEW	A-500 40LB/FT	NONE	Y
Intermediate 2							
Intermediate 3							
Production	8.5"	5.5"	13821'	NEW	P-110 20LB/FT	NONE	N
Tubing							
Packer type and depth set							

Comment Details NA

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	49	15.6	1.18	57.82	0	8
Surface	CLASS A	810	15.6	1.20	972	0	8
Coal							
Intermediate 1	CLASS A / CLASS A	611 / 406	15.6 / 15.6	1.18 / 1.18	1200.06	0	8
Intermediate 2							
Intermediate 3							
Production	Class H / Class H	889/701	15.2 / 15.6	1.25 / 2.06	2555.31	2914' MD	72
Tubing							

Drillers TD (ft) 13,823' MD

Loggers TD (ft) N/A

Deepest formation penetrated Middlesex

Plug back to (ft) N/A

Plug back procedure N/A

Kick off depth (ft) 4,454' MD

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- JOINTS: 1,11,21

INTERMEDIATE- RAN AT LEAST EVERY 500' FEET

PRODUCTION- 238 Composite Centralizers. One on every joint from TD to 3,850' MD

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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 - 03017 Farm name DENCIL HENTHORN ET AL Well number 515645

<u>PRODUCING FORMATION(S)</u>	<u>DEPTHS</u>		
MIDDLESEX	7,304	TVD	8,335 MD

Please insert additional pages as applicable.

GAS TEST Build up Drawdown Open Flow OIL TEST Flow Pump

SHUT-IN PRESSURE Surface 788 psi Bottom Hole N/A psi DURATION OF TEST 98.50 hrs

OPEN FLOW Gas 6,564 mcfpd Oil N/A bpd NGL 0.0 bpd Water 1,069 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.

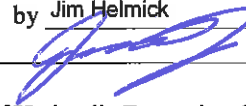
Drilling Contractor ALPHA HUNTER DRILLING (RIG 5)
Address P.O. BOX 430 City RENO State OH Zip 45773

Logging Company HOSSCO SERVICES, LLC
Address 614 TROTTERS LANE City CHARLESTON State WV Zip 25312

Cementing Company ALLIED OIL & GAS SERVICES
Address 116 KIMMEL SCHOOL ROAD City SHELOCTA State PA Zip 15773

Stimulating Company C&J Energy Services
Address 3990 Rogerdale Road City Houston State TX Zip 77043

Please insert additional pages as applicable.

Completed by Jim Helmick Telephone (412) 395-5518
Signature  Title VP Completions Date 6/8/2016

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

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WR-35
Rev. 8/23/13

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API 47- 103 - 03017 Farm name DENCIL HENTHORN ET AL Well number 515645

Drilling Contractor Savanna Drilling
Address 2204 Timberloch Place Suite 230 City Woodlands State TX Zip 77380

Logging Company GYRODATA
Address 601 MAYER ST City BRIDGEVILLE State PA Zip 15017

Logging Company _____
Address _____ City _____ State _____ Zip _____

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

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API 47-103-03017

Formation Name	Final Top MD (ftGL) (ft)	Final Top TVD (ft)	Final Btm MD (ftGL) (ft)	Final Btm TVD (ft)
FRESH WATER ZONE	0	0	708	708
SAND/SHALE	0	0	516	516
COAL	516	516	528	528
SAND/SHALE	528	528	730	730
FAIRVIEW COAL	730	730	734	734
SAND/SHALE	734	734	834	834
WAYNESBURG COAL	834	834	836	836
SAND/SHALE	836	836	885	885
COAL	885	885	896	896
SAND/SHALE	896	896	1,022	1,022
MAPLETOWN COAL	1,022	1,022	1,025	1,025
SAND/SHALE	1,025	1,025	1,193	1,193
PITTSBURGH COAL	1,193	1,193	1,199	1,199
SAND/SHALE	1,199	1,199	1,683	1,683
COAL	1,683	1,683	1,687	1,687
SAND/SHALE	1,687	1,687	2,255	2,255
MAXTON	2,255	2,255	2,410	2,410
BIG LIME	2,410	2,410	2,512	2,512
BIG INJUN	2,512	2,512	2,806	2,806
WEIR	2,806	2,806	2,956	2,955
GANTZ	2,956	2,955	3,006	3,005
50F	3,006	3,005	3,100	3,099
30F	3,100	3,099	3,224	3,223
GORDON	3,224	3,223	3,317	3,316
4TH	3,317	3,316	3,472	3,471
BAYARD	3,472	3,471	3,838	3,837
WARREN	3,838	3,837	4,052	4,051
SPEECHLEY	4,052	4,051	4,399	4,398
BALLTOWN A	4,399	4,398	4,835	4,831
RILEY	4,835	4,831	5,604	5,516
BENSON	5,604	5,516	6,166	5,910
ALEXANDER	6,166	5,910	6,204	5,938
ELKS	6,204	5,938	7,945	7,151
SONYEA	7,945	7,151	8,335	7,304
MIDDLESEX	8,335	7,304	13,823	7,394

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515645-47-103-030170000 - Perforations

Stage Number	Perforation Date	Top Perf Depth (ftKB)	Bottom Perf Depth (ftKB)	Number of Shots	Formation
Initiation Sleeve	11/24/2015	13,820.00	13,821.00	10	MIDDLESEX
1	3/7/2016	13,675.00	13,767.00	32	MIDDLESEX
2	3/7/2016	13,525.00	13,647.00	40	MIDDLESEX
3	3/8/2016	13,375.00	13,497.00	40	MIDDLESEX
4	3/8/2016	13,225.00	13,345.00	40	MIDDLESEX
5	3/8/2016	13,075.00	13,195.00	40	MIDDLESEX
6	3/8/2016	12,925.00	13,047.00	40	MIDDLESEX
7	3/8/2016	12,775.00	12,897.00	40	MIDDLESEX
8	3/8/2016	12,625.00	12,747.00	40	MIDDLESEX
9	3/9/2016	12,475.00	12,597.00	40	MIDDLESEX
10	3/9/2016	12,325.00	12,447.00	40	MIDDLESEX
11	3/9/2016	12,175.00	12,297.00	40	MIDDLESEX
12	3/9/2016	12,025.00	12,143.00	40	MIDDLESEX
13	3/9/2016	11,875.00	11,997.00	40	MIDDLESEX
14	3/10/2016	11,725.00	11,844.00	40	MIDDLESEX
15	3/10/2016	11,575.00	11,697.00	40	MIDDLESEX
16	3/10/2016	11,425.00	11,543.00	40	MIDDLESEX
17	3/10/2016	11,275.00	11,397.00	40	MIDDLESEX
18	3/10/2016	11,125.00	11,247.00	40	MIDDLESEX
19	3/11/2016	10,975.00	11,097.00	40	MIDDLESEX
20	3/11/2016	10,825.00	10,947.00	40	MIDDLESEX
21	3/11/2016	10,675.00	10,797.00	40	MIDDLESEX
22	3/11/2016	10,525.00	10,647.00	40	MIDDLESEX
23	3/11/2016	10,375.00	10,495.00	40	MIDDLESEX
24	3/12/2016	10,225.00	10,347.00	40	MIDDLESEX
25	3/12/2016	10,075.00	10,197.00	40	MIDDLESEX
26	3/12/2016	9,925.00	10,047.00	40	MIDDLESEX
27	3/12/2016	9,775.00	9,897.00	40	MIDDLESEX
28	3/12/2016	9,625.00	9,747.00	40	MIDDLESEX
29	3/12/2016	9,475.00	9,597.00	40	MIDDLESEX
30	3/12/2016	9,325.00	9,447.00	40	MIDDLESEX
31	3/13/2016	9,175.00	9,297.00	40	MIDDLESEX
32	3/13/2016	9,025.00	9,147.00	40	MIDDLESEX
33	3/13/2016	8,875.00	8,997.00	40	MIDDLESEX
34	3/13/2016	8,725.00	8,847.00	40	MIDDLESEX
35	3/13/2016	8,575.00	8,697.00	40	MIDDLESEX
36	3/13/2016	8,425.00	8,547.00	40	MIDDLESEX

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515645- 47-103-030170000 - 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	3/7/2016	5.80	8,414.00	9,069.00	4,294.00	0	796	0
1	3/7/2016	86.10	8,553.00	8,773.00	3,883.00	204,300	6138	0
2	3/7/2016	92.90	8,566.00	8,750.00	4,133.00	205,100	5136	0
3	3/8/2016	94.90	8,588.00	8,808.00	4,191.00	204,000	5310	0
4	3/8/2016	100.00	8,518.00	8,904.00	4,274.00	201,600	5482	0
5	3/8/2016	97.80	8,475.00	8,815.00	4,243.00	205,100	5383	0
6	3/8/2016	98.00	8,428.00	8,728.00	4,338.00	205,600	5287	0
7	3/8/2016	94.60	8,475.00	8,778.00	4,353.00	204,800	4958	0
8	3/9/2016	100.00	8,425.00	8,713.00	4,341.00	202,000	4790	0
9	3/9/2016	100.10	8,416.00	8,845.00	4,408.00	202,300	5076	0
10	3/9/2016	100.30	8,296.00	8,778.00	4,482.00	200,100	4928	0
11	3/9/2016	100.00	8,313.00	8,650.00	4,430.00	199,900	5248	0
12	3/9/2016	98.50	8,234.00	8,676.00	4,453.00	200,900	5182	0
13	3/9/2016	100.00	8,283.00	8,700.00	4,543.00	201,500	6582	0
14	3/10/2016	98.20	8,298.00	9,076.00	4,577.00	202,400	5283	0
15	3/10/2016	97.90	8,491.00	8,785.00	4,755.00	200,000	5235	0
16	3/10/2016	96.80	8,315.00	8,604.00	4,696.00	200,400	5253	0
17	3/10/2016	100.20	8,380.00	8,735.00	4,639.00	199,700	4959	0
18	3/11/2016	100.40	8,379.00	8,811.00	4,658.00	199,900	4,738	0
19	3/11/2016	100.00	8,463.00	8,754.00	4,805.00	200,500	4,999	0
20	3/11/2016	96.20	8,267.00	8,757.00	4,804.00	202,000	5,241	0
21	3/11/2016	99.10	7,910.00	8,203.00	4,781.00	202,700	5,282	0
22	3/11/2016	94.00	7,942.00	8,352.00	4,721.00	199,400	5,218	0
23	3/11/2016	100.40	8,012.00	8,333.00	4,641.00	200,000	5,145	0
24	3/12/2016	101.00	7,787.00	8,066.00	4,616.00	201,800	4917	0
25	3/12/2016	99.50	8,112.00	8,416.00	4,925.00	202,000	5375	0
26	3/12/2016	98.90	8,035.00	8,358.00	4,612.00	200,200	4923	0
27	3/12/2016	99.20	7,909.00	8,376.00	4,555.00	201,100	4824	0
28	3/12/2016	99.70	7,997.00	8,568.00	4,668.00	201,400	4678	0
29	3/12/2016	101.20	7,971.00	8,493.00	4,558.00	201,300	4830	0
30	3/13/2016	100.60	8,004.00	8,734.00	5,625.00	201,600	4778	0
31	3/13/2016	101.90	7,963.00	8,540.00	4,686.00	202,800	4729	0
32	3/13/2016	100.10	7,776.00	8,520.00	4,572.00	200,700	4923	0
33	3/13/2016	100.60	7,661.00	8,192.00	4,646.00	201,400	4947	0
34	3/13/2016	98.20	7,836.00	8,302.00	4,498.00	200,800	4924	0
35	3/13/2016	100.40	7,514.00	8,141.00	4,528.00	202,900	5087	0
36	3/13/2016	100.10	7,509.00	8,036.00	4,394.00	203,400	4938	0

WV Department of

10/28/2016

Hydraulic Fracturing Fluid Product Component Information Disclosure

Job Start Date	3/7/2016
Job End Date	3/14/2016
State	West Virginia
County	Wetzel
API Number	47-103-03017-00-00
Operator Name	EQT Production
Well Name and Number	515645
Longitude	-80 57998300
Latitude	39 55658400
Datum	NAD83
Federal/Tribal Well	NO
True Vertical Depth	7,304
Total Base Water Volume (gal)	7,791,924
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	C and J Energy Services	Carrier/Base Fluid	Water	7732-18-5	100.00000	89.50959	None
Sand (Proppant)	C and J Energy Services	Proppant	Silica Substrate	14808-60-7	100.00000	10.00161	None
MC MX 5-3886	Multi-Chem Group	Specialty Brine	Calcium nitrate.4H2O	13477-34-4	100.00000	0.10990	None
FR-18	C and J Energy Services	Anionic Friction Reducer	Distillates (petroleum), Hydrotreated Light	64742-47-8	45.00000	0.03722	None
Hydrochloric Acid (15%)	C and J Energy Services	Acidizing	Ethylene Glycol	107-21-1	10.00000	0.00827	None
MC MX 8-2544	Multi-Chem Group	Live Culture - Nitrate Reducing Bacteria	Hydrochloric Acid	7647-01-0	15.00000	0.03918	None
SI-6	C and J Energy Services	Scale Inhibitor	Sodium chloride	7647-14-5	100.00000	0.03669	None
			Sodium nitrate	7631-99-4	5.00000	0.00048	None
			Trade Secret	Proprietary	7.00000	0.00173	None

					2002-24-6		2.00000	0.00050	None
					12125-02-9	Ammonium Chloride	2.00000	0.00050	None
					67-56-1	Methanol	1.00000	0.00025	None
CI-3	C and J Energy Services	Corrosion inhibitor							
					107-21-1	Ethylene Glycol	40.00000	0.00021	None
					68-12-2	Dimethylformamide	20.00000	0.00010	None
					111-76-2	2-butoxyethanol	15.00000	0.00003	None
					104-55-2	Cinnamaldehyde	15.00000	0.00008	None
					72480-70-7	Tar Bases, Quinoline Derivs., Benzyl Chloride-quaternized	15.00000	0.00003	None
					127087-87-0	4-nonylphenol, Branched, Ethoxylated	5.00000	0.00003	None
					112-30-1	1-decanol	5.00000	0.00003	None
					78-40-0	Triethyl Phosphate	2.50000	0.00001	None
					67-63-0	Isopropanol	2.50000	0.00001	None
					111-87-5	1-octanol	2.50000	0.00001	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)

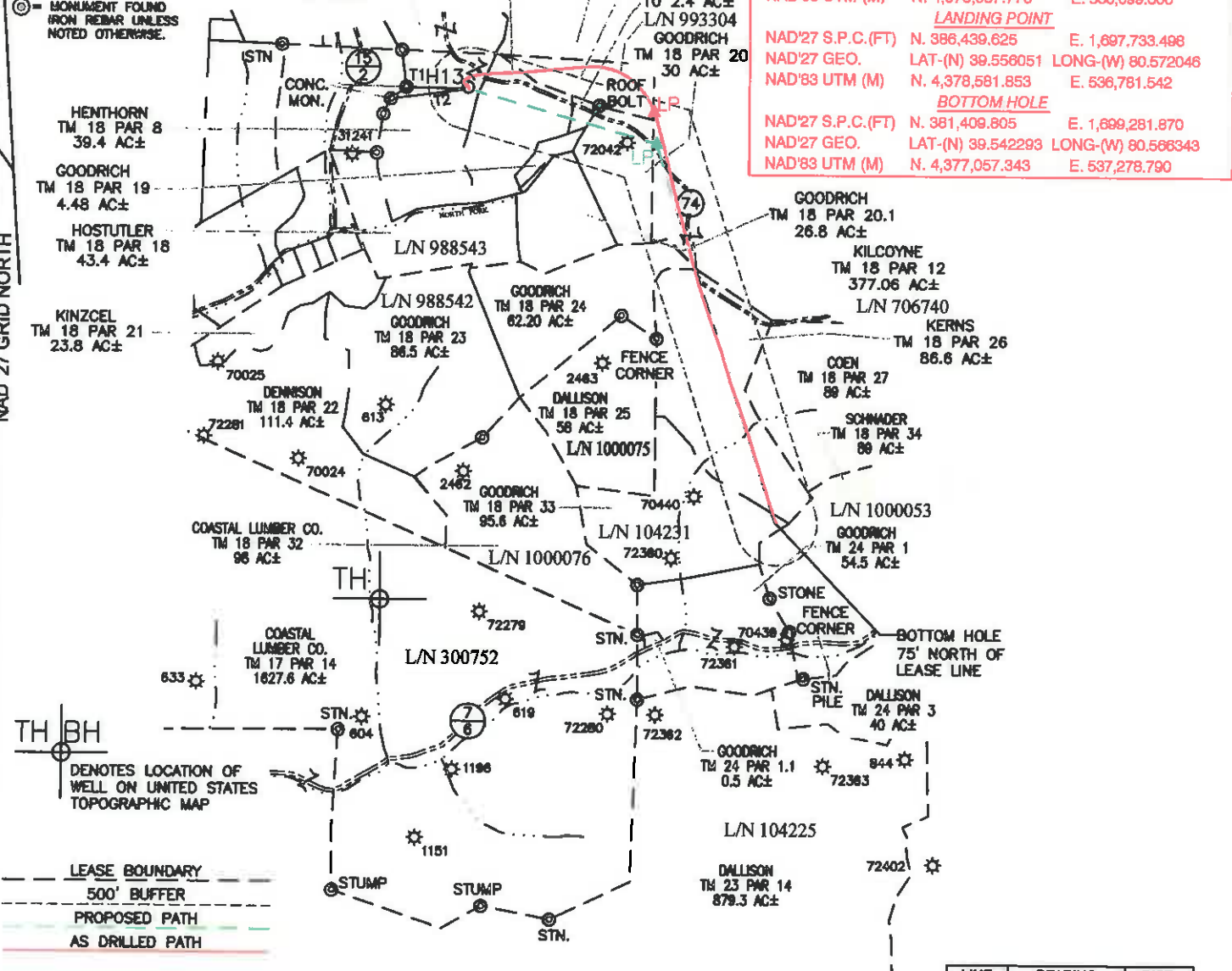
EQT WELL NO. 515645

LATITUDE 39°35'00"

LONGITUDE 80°32'30"

NOTES:
 -PLAT ORIENTATION, CORNERS, AND WELL REFERENCES ARE BASED UPON THE GRID NORTH MERIDIAN FOR THE WV STATE PLANE COORDINATE SYSTEM, NORTH ZONE NAD 27. WELL LOCATION REFERENCE TIES ARE BASED UPON THE MAGNETIC MERIDIAN.
 -THERE ARE NO (0) WATER WELL(S) LOCATED WITHIN 250' OF WELL H1.
 -THERE ARE NO (0) STRUCTURE(S) LOCATED WITHIN 625' OF WELL H1.

⊙ = MONUMENT FOUND
 IRON REBAR UNLESS NOTED OTHERWISE.



AS DRILLED COORDINATES FOR WELL NO. WV 515645
 (S.P.C. NORTH ZONE) (UTM(M) ZONE 17 NORTH)

NAD'27 S.P.C.(FT)	N. 386,660.556	E. 1,695,497.881
NAD'27 GEO.	LAT-(N) 39.556667	LONG-(W) 80.579797
NAD'83 UTM (M)	N. 4,378,637.776	E. 536,099.306

LANDING POINT

NAD'27 S.P.C.(FT)	N. 386,439.625	E. 1,697,733.498
NAD'27 GEO.	LAT-(N) 39.556051	LONG-(W) 80.572046
NAD'83 UTM (M)	N. 4,378,581.853	E. 536,781.542

BOTTOM HOLE

NAD'27 S.P.C.(FT)	N. 381,409.805	E. 1,699,281.870
NAD'27 GEO.	LAT-(N) 39.542293	LONG-(W) 80.566343
NAD'83 UTM (M)	N. 4,377,057.343	E. 537,278.790

TH BH DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAP

--- LEASE BOUNDARY
 - - - 500' BUFFER
 - - - PROPOSED PATH
 - - - AS DRILLED PATH

LINE	BEARING	DIST.
T1	S88°36'32"E	775.47'
T2	N82°34'48"E	974.01'

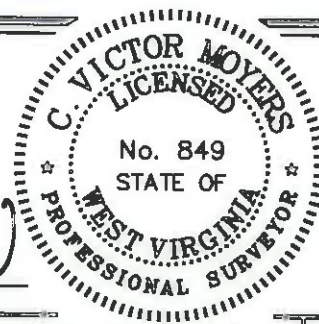
SPECIAL NOTES
 -LEASE AND SURFACE INFO SHOWN HEREON WAS TAKEN FROM PERMIT PLAT DATED JUNE 23, 2014 FOR AP# 47-103-03017H.
 -AS DRILLED INFORMATION PROVIDED BY EQT.

Professional Energy Consultants
 A DIVISION OF SURVIV LAND SURVEYING, INC.

 SURVEYORS ENGINEERS ENVIRONMENTAL PROJECT MANAGERS
 (304) 482-6884 www.slsurveys.com

LEASE NO.	ROYALTY OWNER	ACRES
988542	CNX GAS CO. LLC	280±
706740	EQT PRODUCTION CO.	1003.75±
104231	JOYCE M. MARTIN et al	300±
993304	DELLA M. MCCOY et al	40±

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.



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.
 DATE JUNE 23, 20 14

P.S. 849 *C. Victor Moyers*

REVISED JULY 15, 2015, MAY 16, 2016 & JUNE 06, 2016

OPERATORS WELL NO. WV 515645
 API WELL NO. 47 - 103 - 03017H
 STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 2500 FILE NO. 8471BIG 367 WELLS-R2
 HORIZONTAL & VERTICAL CONTROL DETERMINED BY OPUS (SURVEY GRADE GPS) SCALE 1" = 2000'

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: PAD ELEVATION 1,442.9' WATERSHED NORTH FORK OF FISHING CREEK
 DISTRICT GRANT COUNTY WETZEL QUADRANGLE BIG RUN 7.5'
 SURFACE OWNER DENCIL HENTHORN ET AL ACREAGE 39.4±
 ROYALTY OWNER SHIBEN ESTATE, INC. ACREAGE 297.50±
 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 MIDDLESEK
 ESTIMATED DEPTH 7,291'

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