



EQT PRODUCTION COMPANY
400 Woodcliff Drive | Canonsburg, PA 15317

May 31, 2024

PETERS TOWNSHIP, WASHINGTON COUNTY
610 East McMurray Rd
McMurray, PA 15317

RE: Permit Application to Drill
Proposed: Caton 1H, 3H, 5H, 7H, 9H, 11H, 13H, 15H
Union Township, Washington County, Pennsylvania

To Whom It May Concern:

Enclosed is a copy of EQT PRODUCTION COMPANY's Well Location Plat(s) (Form 8000-PM-OOGM0002) for the proposed **Caton 1H, 3H, 5H, 7H, 9H, 11H, 13H, 15H** well(s) that will be submitted to the Pennsylvania Department of Environmental Protection (PADEP). PADEP mandates that each gas well permitted on a pad must have a notification letter sent to the appropriate landowner, water purveyor, surface owner with water, municipality, and coal owner or coal lessee.

This is simply a letter of notification. No action on your part is required. The receipt of this certified letter serves as proof of notification delivery.

Should you have any questions or comments, please contact the Community & Landowner Hotline at 1-844-378-5263.

Sincerely,

EQT PRODUCTION COMPANY

Enclosures



COMMONWEALTH OF PENNSYLVANIA
 DEPARTMENT OF ENVIRONMENTAL PROTECTION
 OFFICE OF OIL AND GAS MANAGEMENT
WELL LOCATION PLAT
 PAGE 1 Surface Location

Auth ID #:	C:
Permit #:	C:
Project #:	C:

SHL True Latitude
 40.250207

SHL True Longitude
 -79.976483

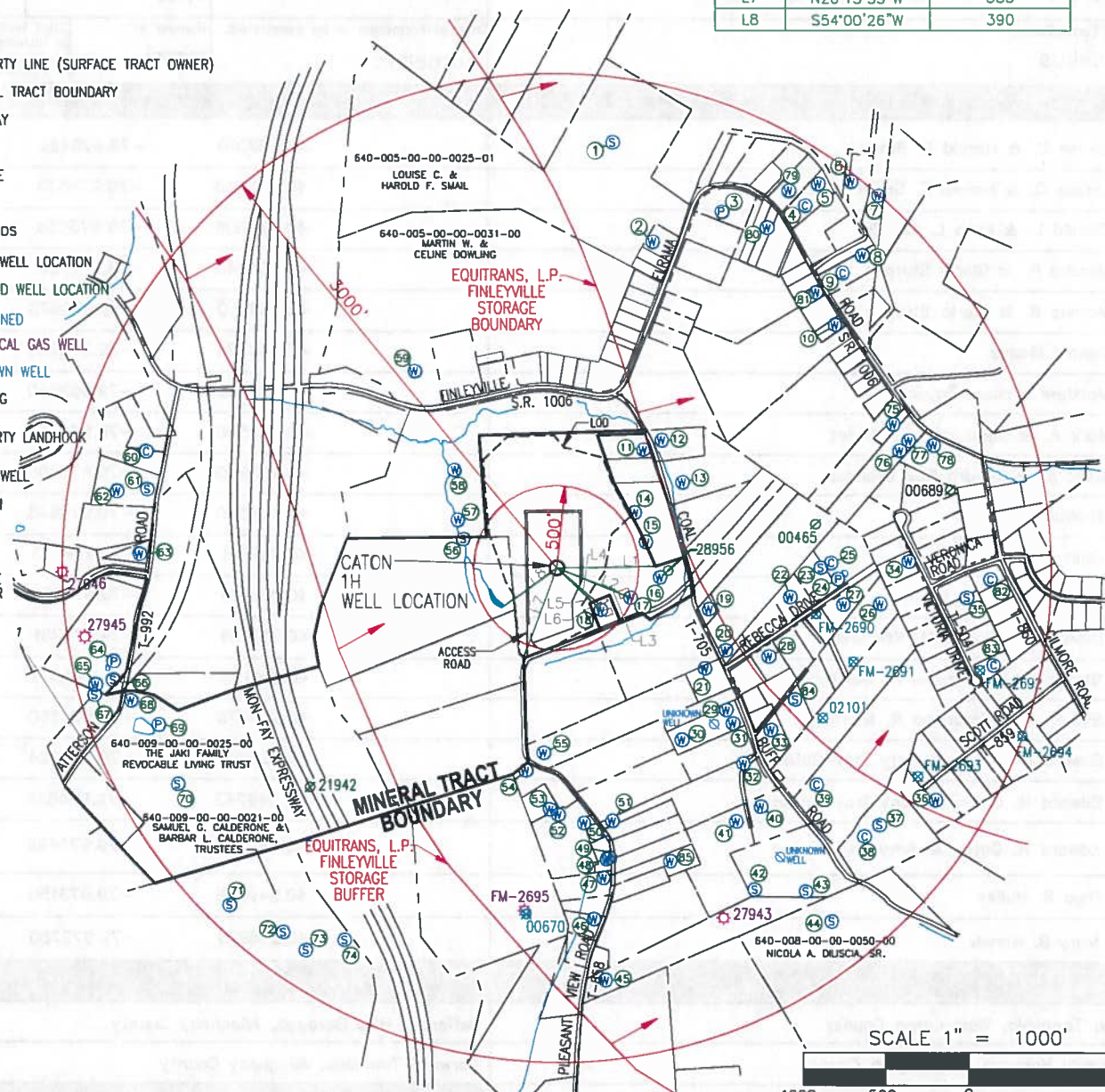
NOTES:
 THE PURPOSE OF THIS PLAT IS FOR THE LOCATION OF A PROPOSED GAS WELL AND DOES NOT REPRESENT A CLOSED BOUNDARY SURVEY. PROPERTY LINES AND OWNERS WERE OBTAINED FROM VARIOUS FIELD EVIDENCE, TAX RECORDS, AND AERIAL MAPPING.
 THERE ARE NO COAL MINES WITHIN 1000 FEET OF PROPOSED WELL LOCATION.

LINE	BEARING	DISTANCE (FEET)
L1	S88°59'27"W	601
L2	S68°55'41"E	399
L3	S68°03'14"E	482
L4	S49°24'13"E	331
L5	S46°28'46"E	370
L6	S46°15'05"E	378
L7	N20°15'33"W	583
L8	S54°00'26"W	390

Horizontal Coordinate System:
 NAD 83

LEGEND

- PROPERTY LINE (SURFACE TRACT OWNER)
- MINERAL TRACT BOUNDARY
- ROADWAY
- STREAM
- TIE LINE
- LOD
- WETLANDS
- ⊕ ACTIVE WELL LOCATION
- ⊗ PLUGGED WELL LOCATION
- ⊗ ABANDONED
- ⊗ HISTORICAL GAS WELL
- ⊗ UNKNOWN WELL
- BUILDING
- ↓ PROPERTY LANDHOOK
- ⊗ WATER WELL
- ⊗ CISTERN
- ⊗ SPRING
- ① WATER SOURCE NUMBER



Applicant / Well Operator Name: EQT Production Company		DEP ID#: 146983	Well (Farm) Name: Caton		Well #: 1H	Serial #:
Address: 400 Woodcliff Drive, Canonsburg, PA 15317			County: Washington	Municipality: Union Township	Well Type: Gas	
911 address of well site: 265 Pleasantville Road, Finleyville, PA, 15332			USGS 7 1/2' Quadrangle Map Name: Glassport	Map Section: 7	Surface Elevation: 1120± ft.	
Surveyor or Engineer: MATTHEW M. FLAUS, PLS	Phone #: (412) 278-2100	Dwg #:	Date: 01/22/2024	Scale: 1"=1000'	Unit Acreage: 403.42	
Lat & Long Metadata Method: GPS	Accuracy: 3± ft.	Datum: NAD 83	Elevation Metadata Method: GPS	Accuracy: 5± ft.	Datum: NAVD 88	Survey Date: 06/16/2016

WELL LOCATION PLAT

Page 2(a) Notifications

DEP Statewide toll-free phone number for reporting cases of water contamination which may be associated with development of oil and gas resources is 1-866-255-5158.

Applicant / Well Operator Name EQT Production Company	DEP ID# 146983	Well (Farm) Name Caton	Well # 1H	Serial #
Surface Landowner / Lessor: Edward H. Caton & Amy Troy-Caton		Angle & Course of Deviation (Drilling): N46° 29' 21"W 12,793'	Anticipated True Vertical Depth Feet (TVD): 7,480'	Anticipated Total Measured Depth Feet (TMD): 20,863'
Target Formation(s): Marcellus		Deepest Formation to be penetrated: Marcellus	Number of laterals: 1	Total footage to be drilled all laterals: 20,863'
Surface Owner/Water Purveyor w/Water Supply within 1000'/3000'		Latitude Longitude of Water Supply		
1) Louise C. & Harold F. Small		40.257319 -79.975459		
2) Louise C. & Harold F. Small		40.255680 -79.974539		
3) Donald L. & Eliza L. Martik		40.256206 -79.973058		
4) Marcus R. & Gloria Sturges		40.256345 -79.971252		
5) Marcus R. & Gloria Sturges		40.256710 -79.970978		
6) Donald Maggs		40.256763 -79.970254		
7) Matthew Michael Zayac		40.256540 -79.969650		
8) Mark A. & Sandra Rae Brandes		40.255538 -79.969973		
9) Mark A. & Sandra Rae Brandes		40.255240 -79.970400		
10) Michael D. Beres		40.254370 -79.970546		
11) John E. Shaffer, V		40.252211 -79.974643		
12) John E. Shaffer, V		40.252381 -79.974252		
13) David W. & Joann M. Kreutzer		40.251689 -79.973781		
14) Steven G. & Imogene R. Mahlberg		40.251158 -79.974805		
15) Steven G. & Imogene R. Mahlberg		40.250676 -79.974550		
16) Edward H. Caton & Amy Troy-Caton		40.250094 -79.974224		
17) Edward H. Caton & Amy Troy-Caton		40.249743 -79.974866		
18) Edward H. Caton & Amy Troy-Caton		40.249526 -79.975498		
19) Olga R. Hulley		40.249586 -79.973150		
20) Mary B. Karlek		40.248910 -79.972780		
Municipality: where the well will be drilled, adjacent to the well, or within 3000 feet		Municipality: where the well will be drilled, adjacent to the well, or within 3000 feet		
Union Township, Washington County		Jefferson Hills Borough, Allegheny County		
Finleyville Borough, Washington County		Forward Township, Allegheny County		
New Eagle Borough, Washington County		Coal related parties		
Carroll Township, Washington County		Mary Morrison - Owner - All Seams		
Nottingham Township, Washington County		Anna J. Krebs - Owner - All Seams		
Peters Township, Washington County				
Bethel Park Borough, Allegheny County				
South Park Township, Allegheny County				

WELL LOCATION PLAT

Page 2(b) Notifications

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22) William G. & Paula Wilson		40.249823	-79.971410	
23) Scott & Patricia M. Rogers		40.250325	-79.970754	
24) Scott & Patricia M. Rogers		40.250142	-79.970369	
25) Scott & Patricia M. Rogers		40.250410	-79.970527	
26) Richard D. & Bethany L. Jurofck		40.249750	-79.969434	
27) George & Stephanie Martin		40.249718	-79.970235	
28) James R. & Deborah J. Connell		40.248826	-79.971841	
29) Brenda Caserta Frankfort & William Daniel Frankfort		40.247918	-79.972735	
30) Brenda Caserta Frankfort & William Daniel Frankfort		40.247403	-79.973673	
31) Brenda Caserta Frankfort & William Daniel Frankfort		40.247698	-79.972587	
32) Lauren Nicole Gouger		40.247033	-79.972340	
33) Jeffrey E. Bett & Janet L. Spreha		40.247606	-79.971764	
34) Jeff T. & Gina M. Fox		40.250465	-79.968836	
35) John P. & Andrea M. Hruby		40.249890	-79.967571	
36) John Edward Maxton II		40.246505	-79.968144	
37) Walter & Rosemarie Scheller		40.246070	-79.969350	
38) Walter & Rosemarie Scheller		40.245873	-79.969668	
39) Christopher Michael & Maria J. Capicotto		40.246713	-79.970745	
40) Donald Krapp & Margaret Doerr		40.246323	-79.971944	
41) Chad T. & Lisa L. Buczynski		40.246067	-79.972473	
42) Nicola A. Diliscia, Sr.		40.244943	-79.972040	
43) Nicola A. Diliscia, Sr.		40.244932	-79.970928	
44) Nicola A. Diliscia, Sr.		40.244445	-79.970350	
45) Hary A. Castor, III		40.243369	-79.975226	
46) Sandra Ann Fosbrink and Charles E. David		40.244383	-79.975506	
47) Ross H. Geracitano		40.245070	-79.975319	
48) Ronald R. Ross		40.245387	-79.975256	
49) Ronald R. Ross		40.245406	-79.975200	

WELL LOCATION PLAT

Page 2(c) Notifications

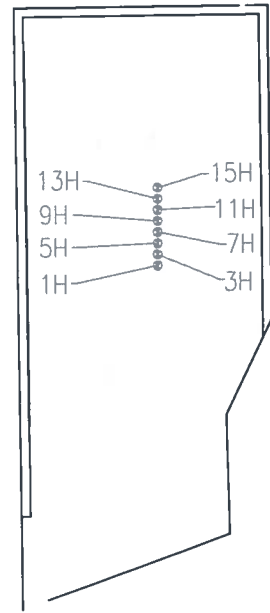
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50) James V. Miller		40.245975 -79.975772		
51) Thomas & Lisa Manion		40.246023 -79.975150		
52) Pamela Lynn Koscho		40.246103 -79.976337		
53) Ronald Jack Barwell		40.246188 -79.976518		
54) Jan B. & Karen Madaras		40.246824 -79.977056		
55) Joseph P. & Joanne Marklewicz		40.247128 -79.976680		
56) Albert H., Sr. & Jamee L. Powell		40.250647 -79.978507		
57) Martin W. & Celine Dowling		40.250964 -79.978642		
58) Martin W. & Celine Dowling		40.251791 -79.978733		
59) Martin W. & Celine Dowling		40.253419 -79.979648		
60) George L. & Marianne Hostovich		40.251974 -79.985465		
61) Warren B. Fawcett and Robert T. Fawcett		40.251343 -79.985428		
62) Warren B. Fawcett and Robert T. Fawcett		40.251299 -79.986078		
63) Dana M. Adametz		40.250266 -79.985562		
64) Thomas R. Manion		40.248467 -79.986071		
65) Thomas R. Manion		40.248070 -79.986442		
66) Thomas R. Manion		40.248157 -79.986072		
67) Anthony P., Jr. & Joanne Zusinas		40.247902 -79.986463		
68) The Jaki Family Revocable Living Trust		40.247813 -79.985671		
69) The Jaki Family Revocable Living Trust		40.247425 -79.985061		
70) The Jaki Family Revocable Living Trust		40.246444 -79.984619		
71) Samuel G. Calerone & Barbara L. Calderone, Trustees		40.244453 -79.983432		
72) Samuel G. Calerone & Barbara L. Calderone, Trustees		40.244027 -79.982259		
73) Samuel G. Calerone & Barbara L. Calderone, Trustees		40.243741 -79.981759		
74) Samuel G. Calerone & Barbara L. Calderone, Trustees		40.243925 -79.980924		
75) Beth A. Henderson		40.252743 -79.969231		
76) Tracy Miller & Pamela J. Miller		40.252305 -79.969079		
77) Tracy Miller & Pamela J. Miller		40.252474 -79.968889		
78) Michael B. & Kimberly A. Barna		40.252413 -79.968356		

WELL LOCATION PLAT
PAGE 3 Plan View of Deviated Well Bore

Applicant / Well Operator Name: EQT Production Company	DEP ID#: 146983	Well (Farm) Name: Caton	Well #: 1H
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SHL True Latitude 40.250207
SHL True Longitude -79.976483
Horizontal Coordinate System: NAD 83



CATON PAD LAYOUT
SCALE 1" = 250'



LOCATION AT
TOTAL DEPTH
LAT 40.273730
LON -80.010519
(NAD 83)

MINERAL TRACT
BOUNDARY

AZ = N33°00'00"W 12,052'
PROPOSED HORIZONTAL SECTION

CATON 1H
WELL LOCATION
& KOP

S89°59'27"W
601'
(TIE)

N20°15'33"E
583'
(TIE)

ACCESS ROAD

PLEASANT
ROAD
T-858-1

LOCATION AT
LANDING POINT
LAT 40.246452
LON -79.986085
(NAD83)

NAD 27 Coordinates	
Tophole	
LAT	40.250137
LON	-79.976710
Landing	
LAT	40.246382
LON	-79.986312
Bottomhole	
LAT	40.273660
LON	-80.010745

TOTAL MINERAL TRACT
ACREAGE 403.42 Ac.
EXISTING SURFACE ELEVATION - 1120± FT.

SCALE 1" = 2000'




WELL LOCATION PLAT

PAGE 4 Well Plan

DEP Use Only	Permit #
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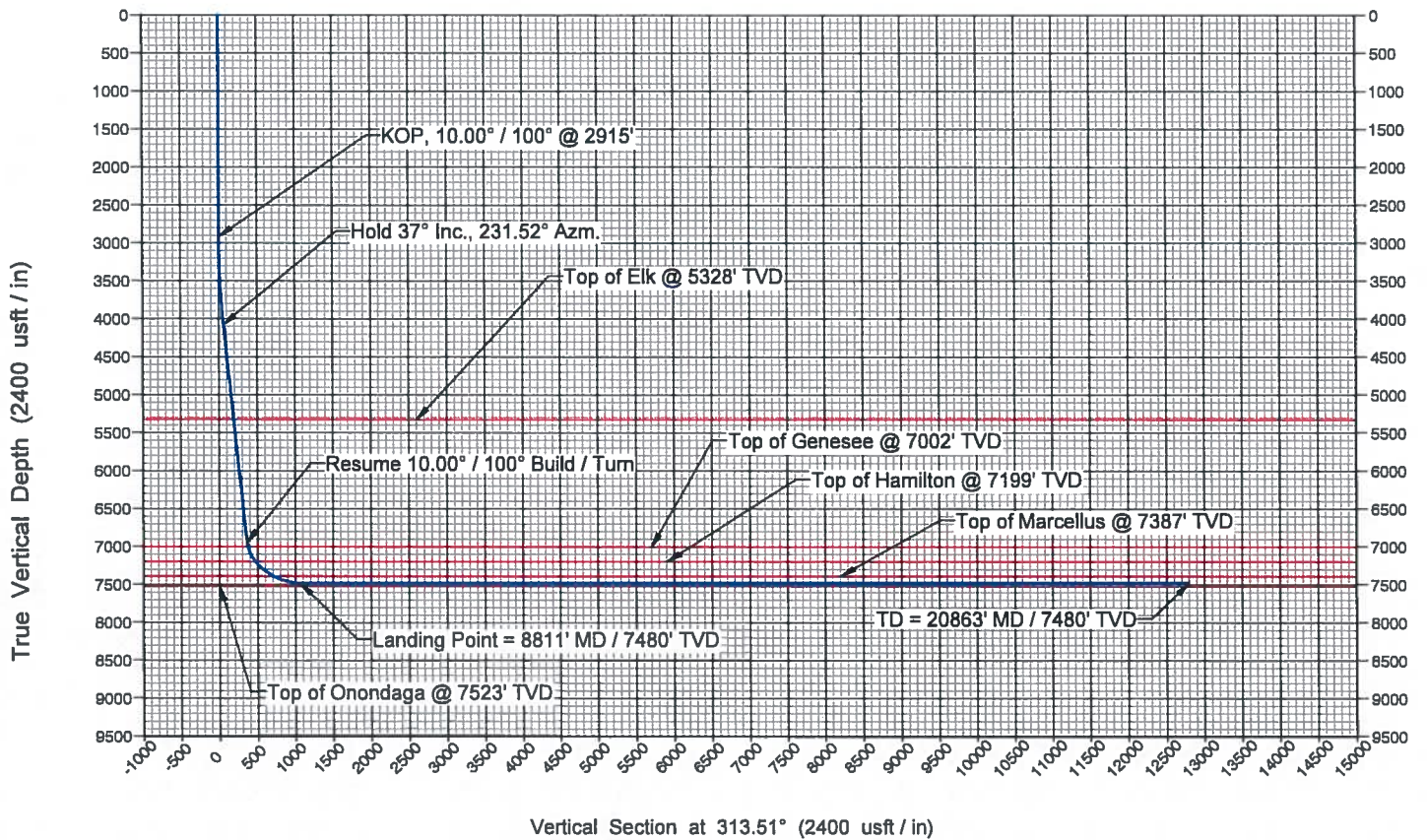
	TVD	TMD	Latitude	Longitude
KOP :	2,915'	2,915'	40.250207	-79.976483
Landing Point :	7,480'	8,811'	40.246452	-79.986085
Projected Bottom Hole :	7,480'	20,863'	40.273730	-80.010519



Azimuths to Grid North
Magnetic North: -9.43

Magnetic Field
Strength: 51,580.08
Dip Angle: 66.66
Date: 12/13/2023
Model: IGRF2015

NAD 83





COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS MANAGEMENT

WELL LOCATION PLAT
PAGE 1 Surface Location

Auth ID #:	G:
Permit #:	C:
Project #:	C:

SHL True Latitude
40.250248

SHL True Longitude
-79.976484

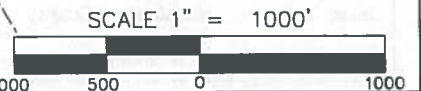
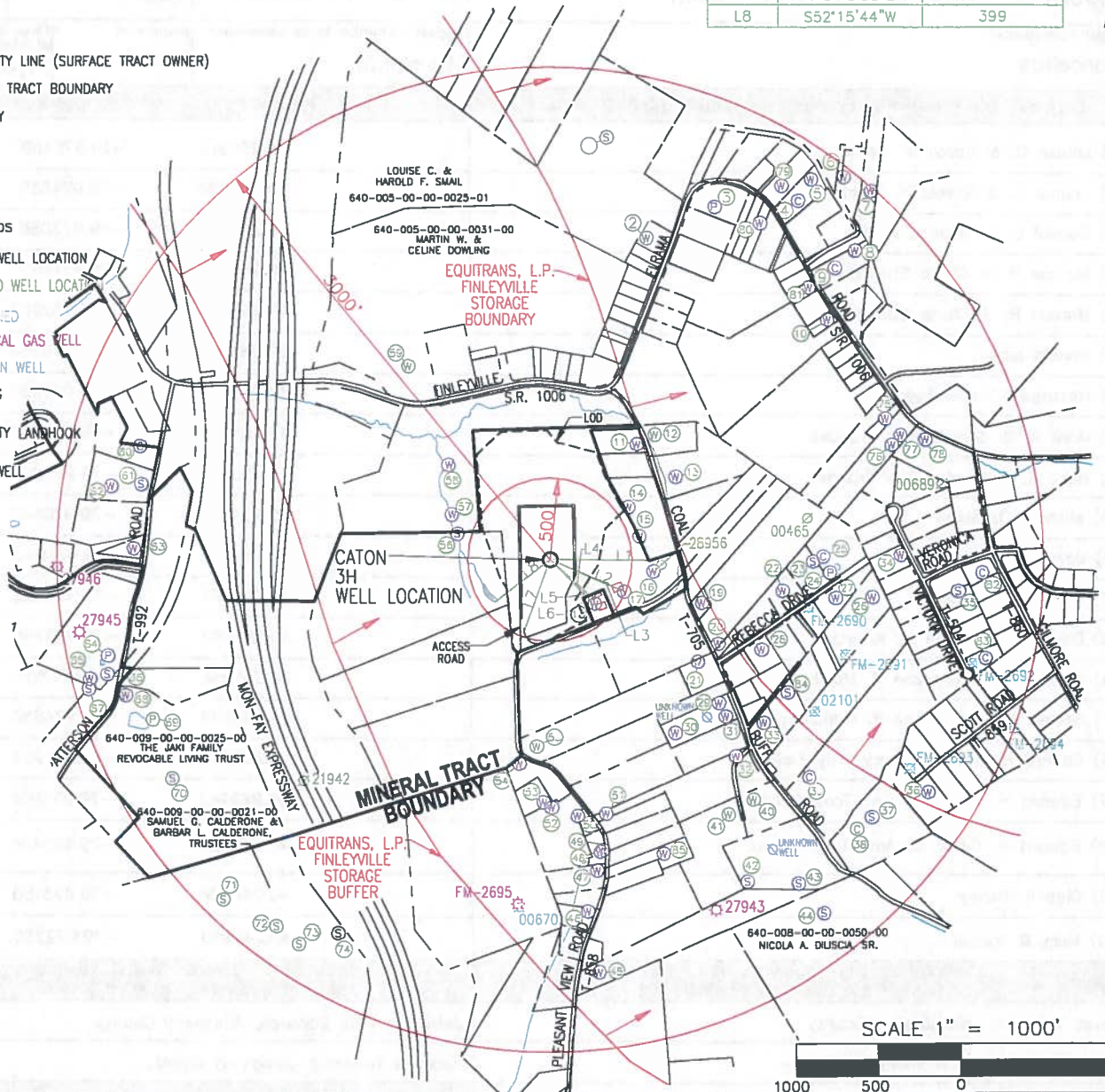
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LINE	BEARING	DISTANCE (FEET)
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L3	S66°25'08"E	488
L4	S47°29'13"E	341
L5	S44°50'33"E	381
L6	S44°39'13"E	389
L7	N19°45'38"E	597
L8	S52°15'44"W	399

Horizontal Coordinate System:
NAD 83

LEGEND

- PROPERTY LINE (SURFACE TRACT OWNER)
- MINERAL TRACT BOUNDARY
- ROADWAY
- STREAM
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- ⊕ WATER SOURCE NUMBER



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Address: 400 Woodcliff Drive, Canonsburg, PA 15317			County: Washington	Municipality: Union Township	Well Type: Gas	
911 address of well site: 265 Pleasantville Road, Finleyville, PA, 15332			USGS 7 1/2' Quadrangle Map Name: Glassport	Map Section: 7	Surface Elevation: 1120± ft.	
Surveyor or Engineer: MATTHEW M. FLAUS, PLS	Phone #: (412) 278-2100	Dwg #:	Date: 01/22/2024	Scale: 1"=1000'	Unit Acreage: 434.17	
Lat & Long Metadata Method: GPS	Accuracy: 3± ft.	Datum: NAD 83	Elevation Metadata Method: GPS	Accuracy: 5± ft.	Datum: NAVD 88	Survey Date: 06/16/2016

WELL LOCATION PLAT

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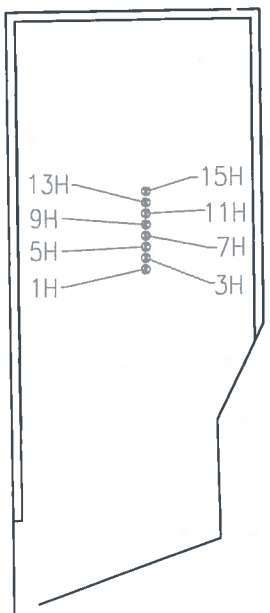
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Surface Landowner / Lessor: Edward H. Caton & Amy Troy-Caton		Angle & Course of Deviation (Drilling): N41° 23' 02"W 13,664'	Anticipated True Vertical Depth Feet (TVD): 7,480'	Anticipated Total Measured Depth Feet (TMD): 21,451'
Target Formation(s): Marcellus		Deepest Formation to be penetrated: Marcellus	Number of laterals: 1	Total footage to be drilled all laterals: 21,451'
Surface Owner/Water Purveyor w/Water Supply within 1000'/3000'		Latitude Longitude of Water Supply		
50) James V. Miller		40.245975 -79.975772		
51) Thomas & Lisa Manion		40.246023 -79.975150		
52) Pamela Lynn Koscho		40.246103 -79.976337		
53) Ronald Jack Barwell		40.246188 -79.976518		
54) Jon B. & Karen Madaras		40.246824 -79.977056		
55) Joseph P. & Joanne Marklewicz		40.247128 -79.976680		
56) Albert H., Sr. & James L. Powell		40.250647 -79.978507		
57) Martin W. & Celine Dowling		40.250964 -79.978642		
58) Martin W. & Celine Dowling		40.251791 -79.978733		
59) Martin W. & Celine Dowling		40.253419 -79.979648		
60) George L. & Marianne Hostovich		40.251974 -79.985465		
61) Warren B. Fawcett and Robert T. Fawcett		40.251343 -79.985428		
62) Warren B. Fawcett and Robert T. Fawcett		40.251299 -79.986078		
63) Dana M. Adametz		40.250266 -79.985562		
64) Thomas R. Manion		40.248467 -79.986071		
65) Thomas R. Manion		40.248070 -79.986442		
66) Thomas R. Manion		40.248157 -79.986072		
67) Anthony P., Jr. & Joanne Zusinas		40.247902 -79.986463		
68) The Jaki Family Revocable Living Trust		40.247813 -79.985671		
69) The Jaki Family Revocable Living Trust		40.247425 -79.985061		
70) The Jaki Family Revocable Living Trust		40.246444 -79.984619		
71) Samuel G. Calerone & Barbara L. Calderone, Trustees		40.244453 -79.983432		
72) Samuel G. Calerone & Barbara L. Calderone, Trustees		40.244027 -79.982259		
73) Samuel G. Calerone & Barbara L. Calderone, Trustees		40.243741 -79.981759		
74) Samuel G. Calerone & Barbara L. Calderone, Trustees		40.243925 -79.980924		
75) Beth A. Henderson		40.252743 -79.969231		
76) Tracy Miller & Pamela J. Miller		40.252305 -79.969079		
77) Tracy Miller & Pamela J. Miller		40.252474 -79.968889		
78) Michael B. & Kimberly A. Barna		40.252413 -79.968356		

WELL LOCATION PLAT
PAGE 3 Plan View of Deviated Well Bore

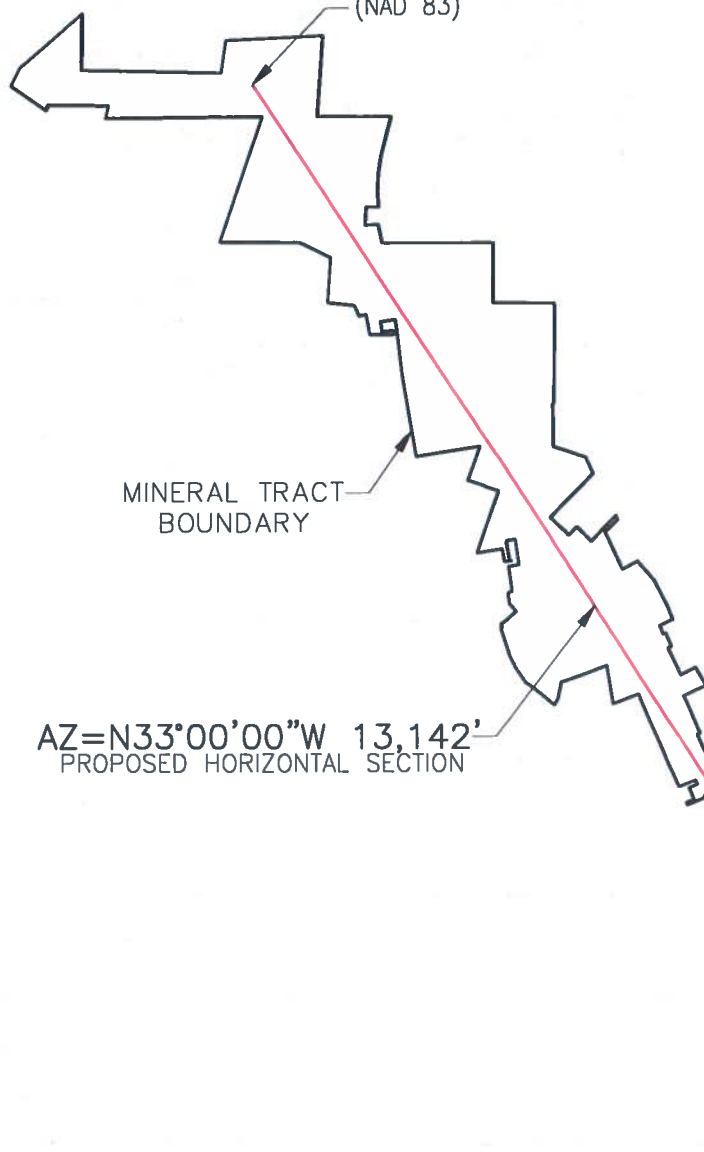
Applicant / Well Operator Name: EQT Production Company	DEP ID#: 146983	Well (Farm) Name: Caton	Well #: 3H
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SHL True Latitude 40.250248
SHL True Longitude -79.976484
Horizontal Coordinate System: NAD 83

LOCATION AT
TOTAL DEPTH
LAT 40.277752
LON -80.009776
(NAD 83)



CATON PAD LAYOUT
SCALE 1" = 250'



AZ=N33°00'00"W 13,142'
PROPOSED HORIZONTAL SECTION

LOCATION AT
LANDING POINT
LAT 40.248005
LON -79.983131
(NAD83)

CATON 3H
WELL LOCATION
& KOP

N89°34'41"W
601'
(TIE)

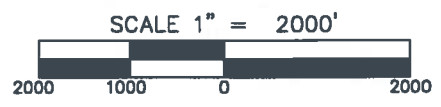
N19°45'38"E
597'
(TIE)

ACCESS ROAD

PLEASANT
ROAD
T-858

NAD 27 Coordinates	
Tophole	
LAT	40.250178
LON	-79.976711
Landing	
LAT	40.247935
LON	-79.983358
Bottomhole	
LAT	40.277682
LON	-80.010002

TOTAL MINERAL TRACT
ACREAGE 434.17 Ac.
EXISTING SURFACE ELEVATION- 1120± FT.




WELL LOCATION PLAT

PAGE 4 Well Plan

DEP Use Only	Permit #
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Applicant / Well Operator Name: EQT PRODUCTION COMPANY	DEP ID#: 146983	Well (Farm) Name: Caton	Well #: 3H
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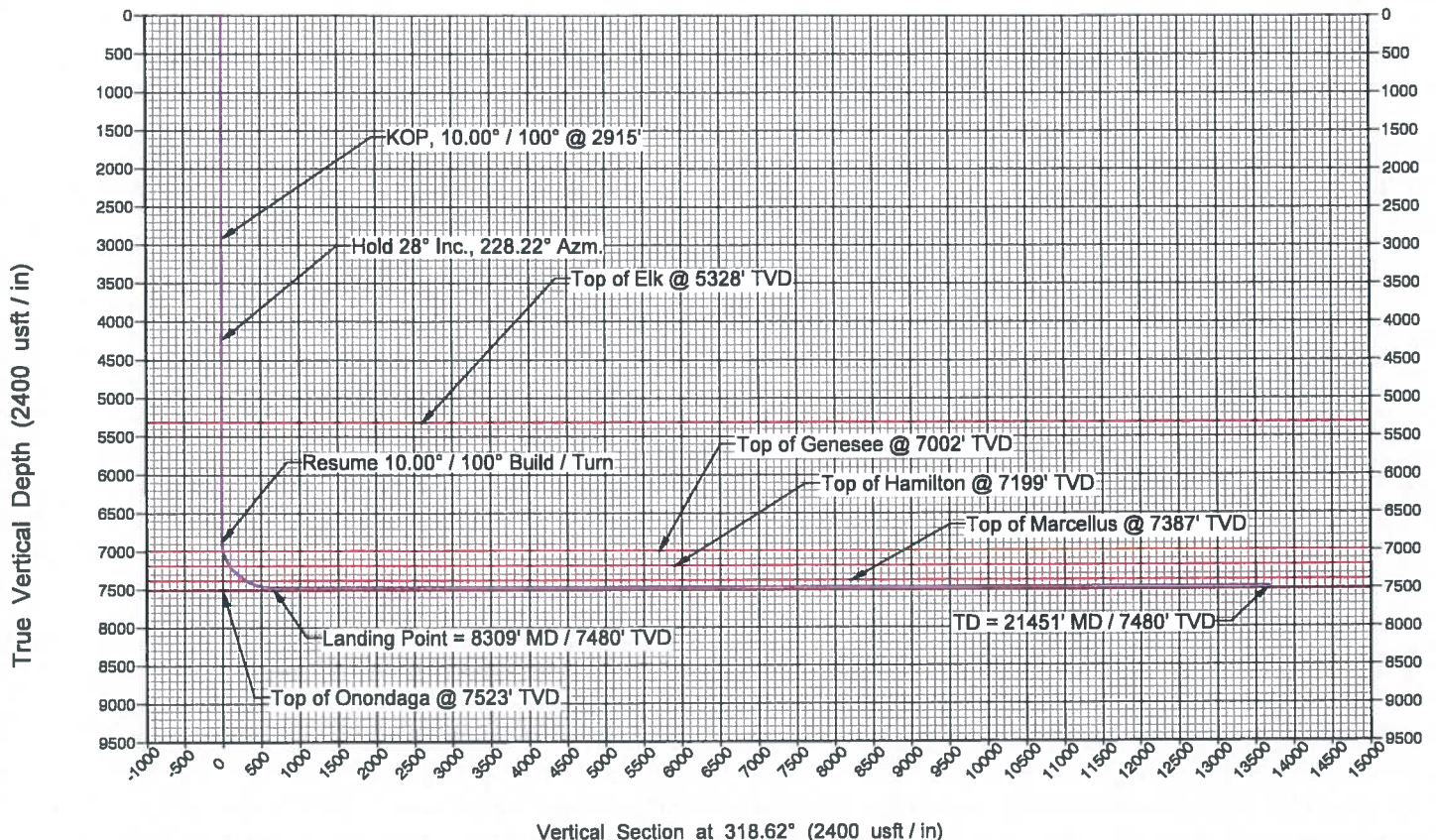
	TVD	TMD	Latitude	Longitude
KOP:	2,915'	2,915'	40.250248	-79.976484
Landing Point:	7,480'	8,309'	40.248005	-79.983131
Projected Bottom Hole:	7,480'	21,451'	40.277752	-80.009776



Azimuths to Grid North
Magnetic North : -9.43

Magnetic Field
Strength : 51,580.10
Dip Angle : 66.66
Date : 12/13/2023
Model : IGRF2015

NAD 83





COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS MANAGEMENT

WELL LOCATION PLAT
PAGE 1 Surface Location

Auth ID #	G:
Permit #	
Project #	C:

SHL True Latitude
40.250289

SHL True Longitude
-79.976485

Horizontal Coordinate System:
NAD 83

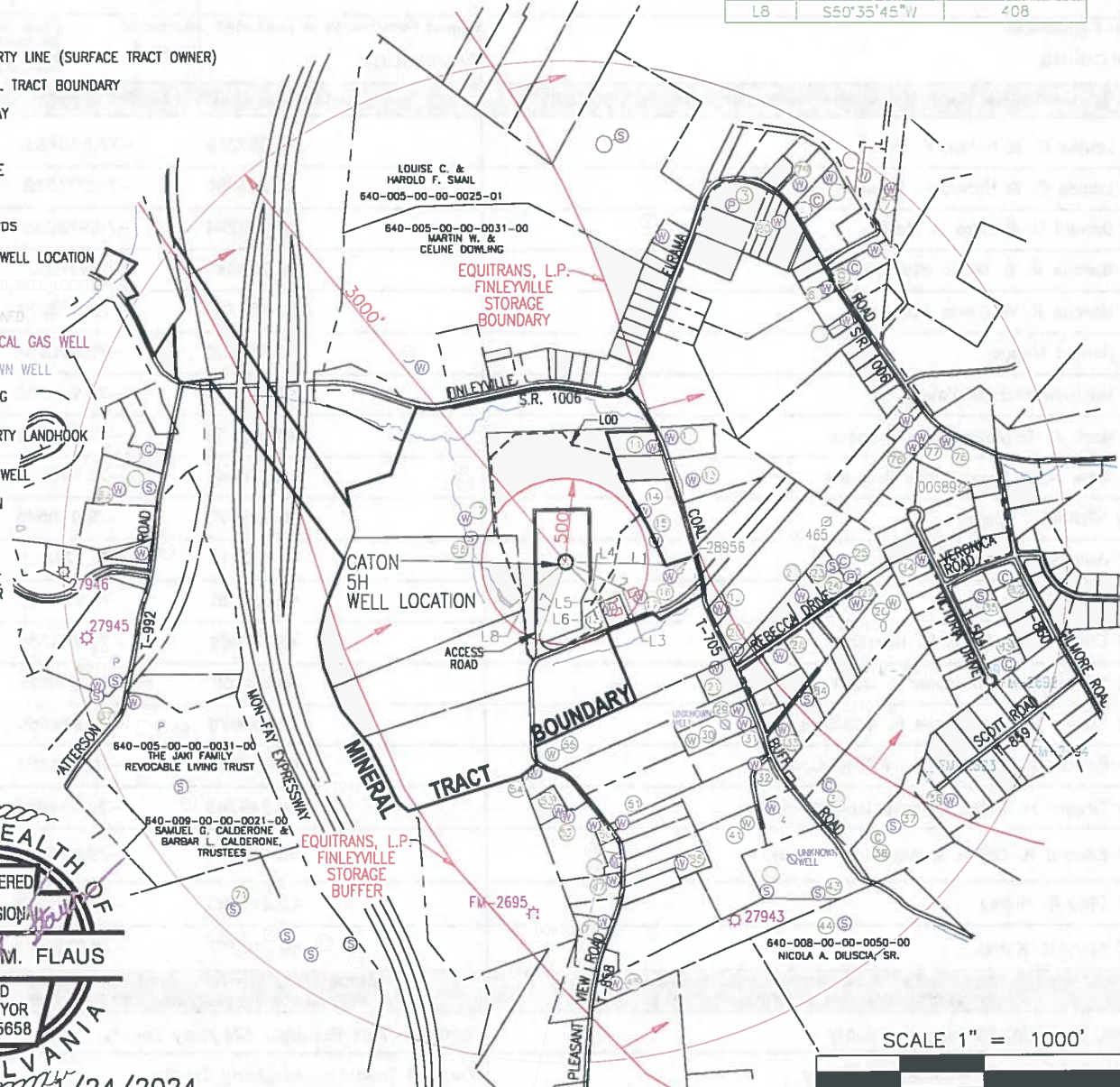
NOTES:
THE PURPOSE OF THIS PLAT IS FOR THE LOCATION OF A PROPOSED GAS WELL AND DOES NOT REPRESENT A CLOSED BOUNDARY SURVEY. PROPERTY LINES AND OWNERS WERE OBTAINED FROM VARIOUS FIELD EVIDENCE, TAX RECORDS, AND AERIAL MAPPING.
THERE ARE NO COAL MINES WITHIN 1000 FEET OF PROPOSED WELL LOCATION.

LINE	BEARING	DISTANCE (FEET)
L1	N88°08'51"W	601
L2	S65°00'56"E	410
L3	S64°49'26"E	494
L4	S45°40'52"E	351
L5	S43°17'39"E	391
L6	S43°03'28"E	399
L7	N19°17'07"E	611
L8	S50°35'45"W	408

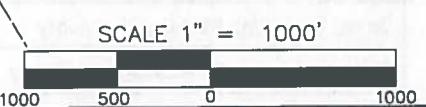


LEGEND

- PROPERTY LINE (SURFACE TRACT OWNER)
- MINERAL TRACT BOUNDARY
- == ROADWAY
- STREAM
- - - TIE LINE
- - - LOD
- WETLANDS
- ⊕ ACTIVE WELL LOCATION
- ⊕ ABANDONED
- ⊕ HISTORICAL GAS WELL
- ⊕ UNKNOWN WELL
- ⊕ BUILDING
- ⊕ PROPERTY LANDHOOK
- ⊕ WATER WELL
- ⊕ CISTERN
- ⊕ SPRING
- ⊕ WATER SOURCE NUMBER



COMMONWEALTH OF PENNSYLVANIA
REGISTERED PROFESSIONAL SURVEYOR
MATTHEW M. FLAUS
LAND SURVEYOR SU075658
1/24/2024



Applicant / Well Operator Name: EQT Production Company		DEP ID #: 146983	Well (Farm) Name: Caton		Well #: 5H	Serial #:
Address: 400 Woodcliff Drive, Canonsburg, PA 15317			County: Washington	Municipality: Union Township	Well Type: Gas	
911 address of well site: 265 Pleasantville Road, Finleyville, PA, 15332			USGS 7 1/2' Quadrangle Map Name: Glassport	Map Section: 7	Surface Elevation: 1120± ft.	
Surveyor or Engineer: MATTHEW M. FLAUS, PLS	Phone #: (412) 278-2100	Dwg #:	Date: 01/22/2024	Scale: 1"=1000'	Unit Acreage: 396.15	
Lat & Long Metadata Method: GPS	Accuracy: 3± ft.	Datum: NAD 83	Elevation Metadata Method: GPS	Accuracy: 5± ft.	Datum: NAVD 88	Survey Date: 06/16/2016

WELL LOCATION PLAT

Page 2(a) Notifications

DEP Statewide toll-free phone number for reporting cases of water contamination which may be associated with development of oil and gas resources is 1-866-255-5158.

Applicant / Well Operator Name EQT Production Company	DEP ID# 146983	Well (Farm) Name Caton	Well # 5H	Serial #
Surface Landowner / Lessor: Edward H. Caton & Amy Troy-Caton		Angle & Course of Deviation (Drilling): N37° 15' 34"W 13,471'	Anticipated True Vertical Depth Feet (TVD): 7,723'	Anticipated Total Measured Depth Feet (TMD): 21,038'
Target Formation(s): Marcellus		Deepest Formation to be penetrated: Onondaga	Number of laterals: 1	Total footage to be drilled all laterals: 25,953'
Surface Owner/Water Purveyor w/Water Supply within 1000'/3000'		Latitude Longitude of Water Supply		
1) Louise C. & Harold F. Small		40.257319 -79.975459		
2) Louise C. & Harold F. Small		40.255680 -79.974539		
3) Donald L. & Eliza L. Martik		40.256206 -79.973058		
4) Marcus R. & Gloria Sturges		40.256345 -79.971252		
5) Marcus R. & Gloria Sturges		40.256710 -79.970978		
6) Donald Magge		40.256763 -79.970254		
7) Matthew Michael Zayac		40.256540 -79.969650		
8) Mark A. & Sandra Rae Brandes		40.255538 -79.969973		
9) Mark A. & Sandra Rae Brandes		40.255240 -79.970400		
10) Michael D. Beres		40.254370 -79.970546		
11) John E. Shaffer, V		40.252211 -79.974643		
12) John E. Shaffer, V		40.252381 -79.974252		
13) David W. & Joann M. Kreutzer		40.251689 -79.973781		
14) Steven G. & Imogene R. Mahlberg		40.251158 -79.974805		
15) Steven G. & Imogene R. Mahlberg		40.250676 -79.974550		
16) Edward H. Caton & Amy Troy-Caton		40.250094 -79.974224		
17) Edward H. Caton & Amy Troy-Caton		40.249743 -79.974866		
18) Edward H. Caton & Amy Troy-Caton		40.249526 -79.975498		
19) Olga R. Hulley		40.249586 -79.973150		
20) Mary B. Kariek		40.248910 -79.972780		
Municipality: where the well will be drilled, adjacent to the well, or within 3000 feet		Municipality: where the well will be drilled, adjacent to the well, or within 3000 feet		
Union Township, Washington County		Jefferson Hills Borough, Allegheny County		
Finleyville Borough, Washington County		Forward Township, Allegheny County		
New Eagle Borough, Washington County		Coal related parties		
Carroll Township, Washington County		Mary Morrison - Owner - All Seams		
Nottingham Township, Washington County		Anna J. Krebs - Owner - All Seams		
Peters Township, Washington County				
Bethel Park Borough, Allegheny County				
South Park Township, Allegheny County				

WELL LOCATION PLAT

Page 2(b) Notifications

DEP Statewide toll-free phone number for reporting cases of water contamination which may be associated with development of oil and gas resources is 1-866-255-5158.

Applicant / Well Operator Name EQT Production Company	DEP ID# 146983	Well (Farm) Name Caton	Well # 5H	Serial #
Surface Landowner / Lessor: Edward H. Caton & Amy Troy-Caton		Angle & Course of Deviation (Drilling): N37° 15' 34"W 13,471'	Anticipated True Vertical Depth Feet (TVD): 7,723'	Anticipated Total Measured Depth Feet (TMD): 21,038'
Target Formation(s): Marcellus		Deepest Formation to be penetrated: Onondaga	Number of laterals: 1	Total footage to be drilled all laterals: 25,953'
Surface Owner/Water Purveyor w/Water Supply within 1000'/3000'		Latitude Longitude of Water Supply		
21) Jared Evan Madaras		40.248599	-79.973212	
22) William G. & Paula Wilson		40.249823	-79.971410	
23) Scott & Patricia M. Rogers		40.250325	-79.970754	
24) Scott & Patricia M. Rogers		40.250142	-79.970369	
25) Scott & Patricia M. Rogers		40.250410	-79.970527	
26) Richard D. & Bethany L. Jurofcik		40.249750	-79.969434	
27) George & Stephanie Martin		40.249718	-79.970235	
28) James R. & Deborah J. Connell		40.248826	-79.971841	
29) Brenda Caserta Frankfort & William Daniel Frankfort		40.247918	-79.972735	
30) Brenda Caserta Frankfort & William Daniel Frankfort		40.247403	-79.973673	
31) Brenda Caserta Frankfort & William Daniel Frankfort		40.247698	-79.972587	
32) Lauren Nicole Gouger		40.247033	-79.972340	
33) Jeffrey E. Bett & Janet L. Spreha		40.247606	-79.971764	
34) Jeff T. & Gina M. Fox		40.250465	-79.968836	
35) John P. & Andrea M. Hruby		40.249890	-79.967571	
36) John Edward Maxton II		40.246505	-79.968144	
37) Walter & Rosemarie Scheller		40.246070	-79.969350	
38) Walter & Rosemarie Scheller		40.245873	-79.969668	
39) Christopher Michael & Maria J. Capicotto		40.246713	-79.970745	
40) Donald Krapp & Margaret Doerr		40.246323	-79.971944	
41) Chad T. & Lisa L. Buczynski		40.246067	-79.972473	
42) Nicola A. Dillsclia, Sr.		40.244943	-79.972040	
43) Nicola A. Dillsclia, Sr.		40.244932	-79.970928	
44) Nicola A. Dillsclia, Sr.		40.244445	-79.970350	
45) Hary A. Castor, III		40.243369	-79.975226	
46) Sandra Ann Fosbrink and Charles E. David		40.244383	-79.975506	
47) Ross H. Geracitano		40.245070	-79.975319	
48) Ronald R. Ross		40.245387	-79.975256	
49) Ronald R. Ross		40.245406	-79.975200	

WELL LOCATION PLAT

Page 2(c) Notifications

DEP Statewide toll-free phone number for reporting cases of water contamination which may be associated with development of oil and gas resources is 1-866-255-5158.

Applicant / Well Operator Name EQT Production Company	DEP ID# 146983	Well (Farm) Name Caton	Well # 5H	Serial #
Surface Landowner / Lessor: Edward H. Caton & Amy Troy-Caton		Angle & Course of Deviation (Drilling): N37° 15' 34"W 13,471'	Anticipated True Vertical Depth Feet (TVD): 7,723'	Anticipated Total Measured Depth Feet (TMD): 21,038'
Target Formation(s): Marcellus		Deepest Formation to be penetrated: Onondaga	Number of laterals: 1	Total footage to be drilled all laterals: 25,953'
Surface Owner/Water Purveyor w/Water Supply within 1000'/3000'		Latitude Longitude of Water Supply		
50) James V. Miller		40.245975	-79.975772	
51) Thomas & Lisa Manion		40.246023	-79.975150	
52) Pamela Lynn Koscho		40.246103	-79.976337	
53) Ronald Jack Barwell		40.246188	-79.976518	
54) Jon B. & Karen Madaras		40.246824	-79.977056	
55) Joseph P. & Joanne Markiewicz		40.247128	-79.976680	
56) Albert H., Sr. & James L. Powell		40.250647	-79.978507	
57) Martin W. & Celine Dowling		40.250964	-79.978642	
58) Martin W. & Celine Dowling		40.251791	-79.978733	
59) Martin W. & Celine Dowling		40.253419	-79.979648	
60) George L. & Marianne Hostovich		40.251974	-79.985465	
61) Warren B. Fawcett and Robert T. Fawcett		40.251343	-79.985428	
62) Warren B. Fawcett and Robert T. Fawcett		40.251299	-79.986078	
63) Dana M. Adametz		40.250266	-79.985562	
64) Thomas R. Manion		40.248467	-79.986071	
65) Thomas R. Manion		40.248070	-79.986442	
66) Thomas R. Manion		40.248157	-79.986072	
67) Anthony P., Jr. & Joanne Zusinas		40.247902	-79.986463	
68) The Jaki Family Revocable Living Trust		40.247813	-79.985671	
69) The Jaki Family Revocable Living Trust		40.247425	-79.985061	
70) The Jaki Family Revocable Living Trust		40.246444	-79.984619	
71) Samuel G. Calerone & Barbara L. Calderone, Trustees		40.244453	-79.983432	
72) Samuel G. Calerone & Barbara L. Calderone, Trustees		40.244027	-79.982259	
73) Samuel G. Calerone & Barbara L. Calderone, Trustees		40.243741	-79.981759	
74) Samuel G. Calerone & Barbara L. Calderone, Trustees		40.243925	-79.980924	
75) Beth A. Henderson		40.252743	-79.969231	
76) Tracy Miller & Pamela J. Miller		40.252305	-79.969079	
77) Tracy Miller & Pamela J. Miller		40.252474	-79.968889	
78) Michael B. & Kimberly A. Barna		40.252413	-79.968356	

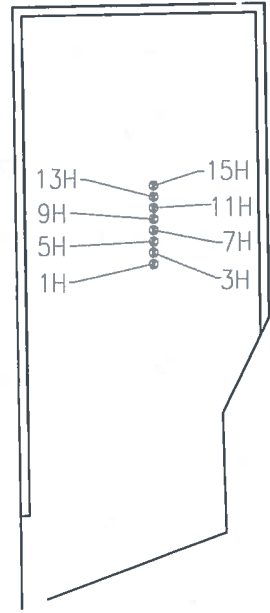
WELL LOCATION PLAT

PAGE 3 Plan View of Deviated Well Bore

Applicant / Well Operator Name: EQT Production Company	DEP ID#: 146983	Well (Farm) Name: Caton	Well #: 5H
--	---------------------------	-----------------------------------	----------------------

SHL True Latitude 40.250289
SHL True Longitude -79.976485
Horizontal Coordinate System: NAD 83

LOCATION AT
TOTAL DEPTH
LAT 40.279143
LON -80.006675
(NAD 83)

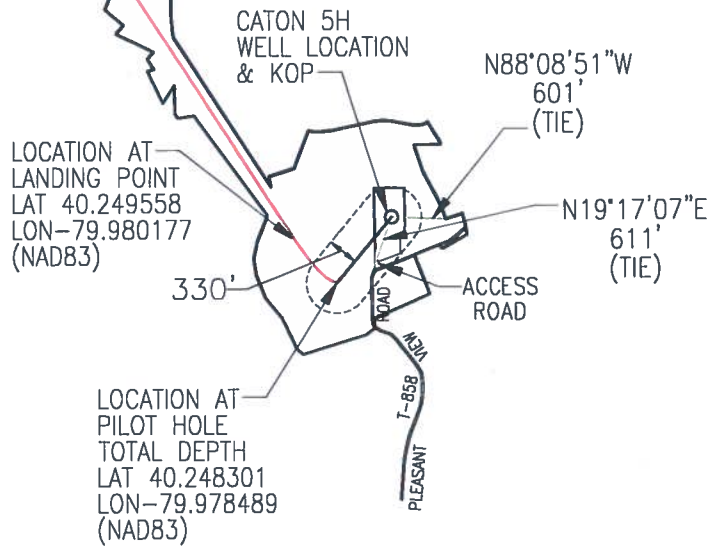
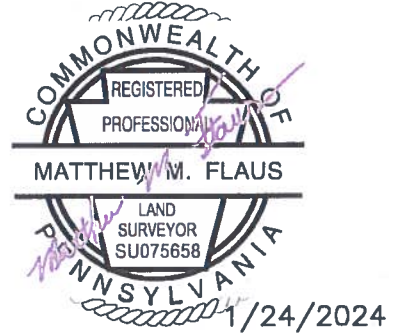


CATON PAD LAYOUT
SCALE 1" = 250'



MINERAL TRACT
BOUNDARY

AZ=N33°00'00"W 13,071'
PROPOSED HORIZONTAL SECTION



Vertical Section	
TVD	7,723'
TMD	7,830'
Horizontal Section	
TVD	7,480'
TMD	21,038'

NAD 27 Coordinates		NAD 27 Coordinates	
Tophole		Pilot Hole Tophole	
LAT	40.250219	LAT	40.250219
LON	-79.976712	LON	-79.976712
Landing		Pilot Hole Bottomhole	
LAT	40.249488	LAT	40.248231
LON	-79.980404	LON	-79.978716
Bottomhole		TOTAL MINERAL TRACT	
LAT	40.279073	ACREAGE 396.15 Ac.	
LON	-80.006901	EXISTING SURFACE ELEVATION- 1120± FT.	

SCALE 1" = 2000'



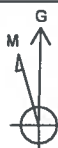
WELL LOCATION PLAT

PAGE 4 Well Plan

DEP Use Only	Permit #
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Applicant / Well Operator Name: EQT PRODUCTION COMPANY	DEP ID#: 146983	Well (Farm) Name: Caton	Well #: 5H
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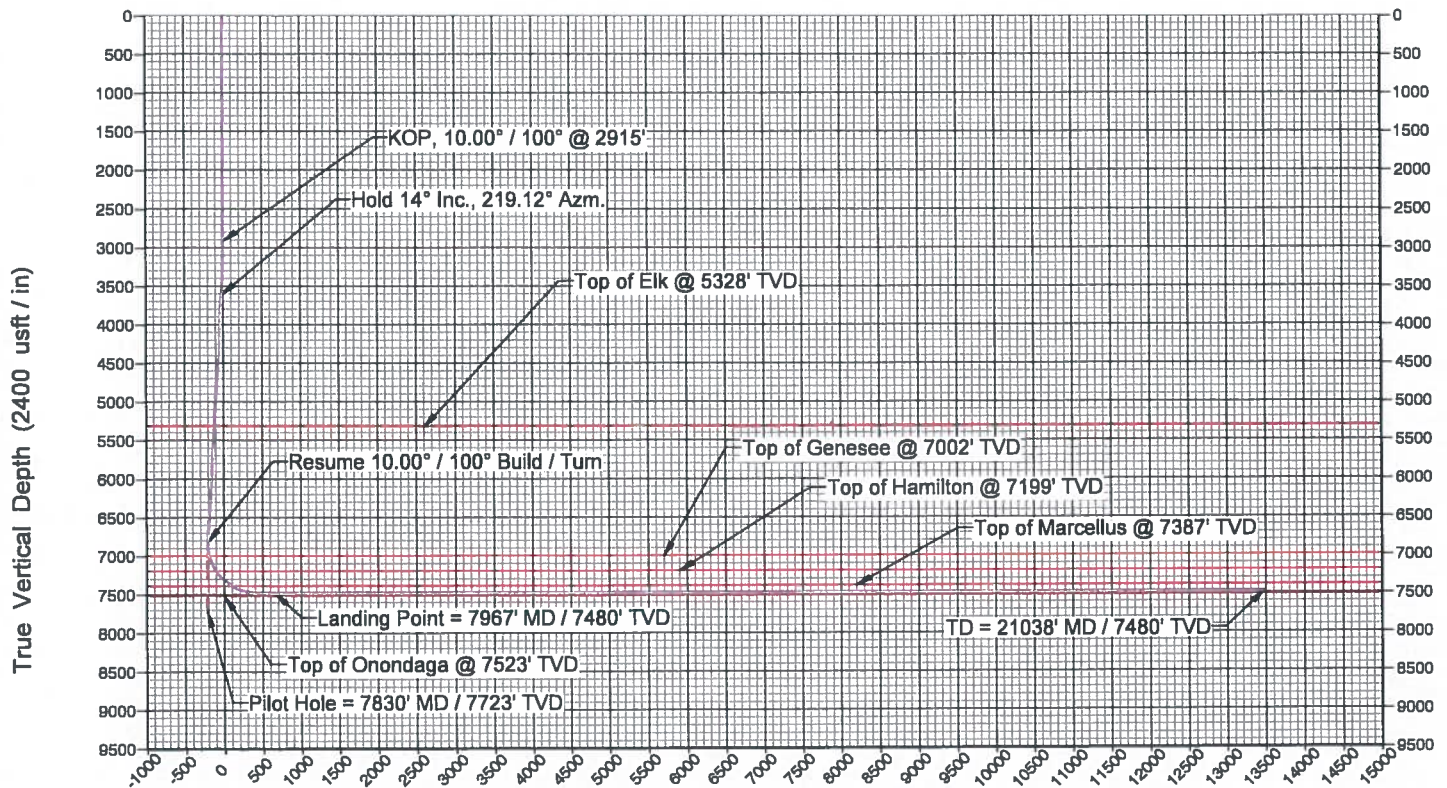
	TVD	TMD	Latitude	Longitude
KOP :	<u>2,915'</u>	<u>2,915'</u>	<u>40.250289</u>	<u>-79.976485</u>
Landing Point :	<u>7,480'</u>	<u>7,967'</u>	<u>40.249558</u>	<u>-79.980177</u>
Projected Bottom Hole :	<u>7,480'</u>	<u>21,038'</u>	<u>40.279143</u>	<u>-80.006675</u>
Pilot Hole Bottom Hole :	<u>7,723'</u>	<u>7,830'</u>	<u>40.248301</u>	<u>-79.978489</u>



Azimuths to Grid North
Magnetic North : -8.43

Magnetic Field
Strength : 51,580.12
Dip Angle : 68.66
Date : 12/13/2023
Model : IGRF2015

NAD 83



Vertical Section at 322.74° (2400 usft / in)



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS MANAGEMENT

WELL LOCATION PLAT
PAGE 1 Surface Location

Auth ID #:	G:
Permit #:	C:
Project #:	C:

SHL True Latitude
40.250330

SHL True Longitude
-79.976487

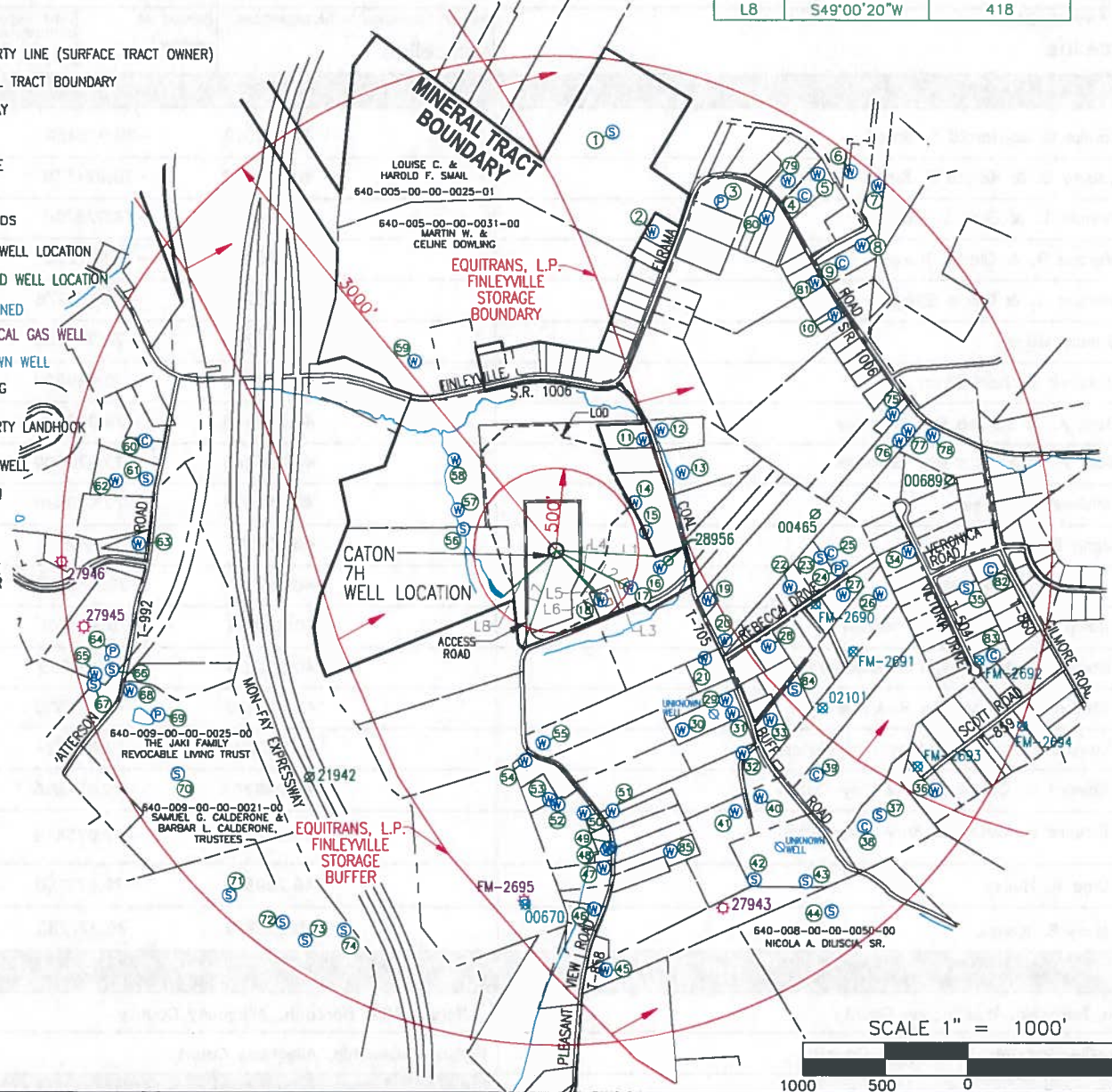
NOTES:
THE PURPOSE OF THIS PLAT IS FOR THE LOCATION OF A PROPOSED GAS WELL AND DOES NOT REPRESENT A CLOSED BOUNDARY SURVEY. PROPERTY LINES AND OWNERS WERE OBTAINED FROM VARIOUS FIELD EVIDENCE, TAX RECORDS, AND AERIAL MAPPING.
THERE ARE NO COAL MINES WITHIN 1000 FEET OF PROPOSED WELL LOCATION.

LINE	BEARING	DISTANCE (FEET)
L1	N86°43'09"W	601
L2	S63°16'10"E	500
L3	S63°08'49"E	417
L4	S43°58'47"E	362
L5	S41°49'48"E	403
L6	S41°42'33"E	410
L7	N18°49'53"E	625
L8	S49°00'20"W	418

Horizontal Coordinate System:
NAD 83

LEGEND

- PROPERTY LINE (SURFACE TRACT OWNER)
- MINERAL TRACT BOUNDARY
- ROADWAY
- STREAM
- TIE LINE
- - - LOD
- WETLANDS
- ⊕ ACTIVE WELL LOCATION
- ⊗ PLUGGED WELL LOCATION
- ⊘ ABANDONED
- ⊙ HISTORICAL GAS WELL
- ⊙ UNKNOWN WELL
- BUILDING
- ↑ PROPERTY LANDHOOK
- W WATER WELL
- C CISTERN
- S SPRING
- ① WATER SOURCE NUMBER



Applicant / Well Operator Name: EQT Production Company		DEP ID#: 146983	Well (Farm) Name: Caton		Well #: 7H	Serial #:
Address: 400 Woodcliff Drive, Canonsburg, PA 15317			County: Washington	Municipality: Union Township	Well Type: Gas	
911 address of well site: 265 Pleasantville Road, Finleyville, PA, 15332			USGS 7 1/2' Quadrangle Map Name: Glassport	Map Section: 7	Surface Elevation: 1120± ft.	
Surveyor or Engineer: Matthew M. Flaus, PLS	Phone #: (412) 278-2100	Dwg #:	Date: 01/22/2024	Scale: 1"=1000'	Unit Acreage: 644.67	
Lat & Long Metadata Method: GPS	Accuracy: 3± ft.	Datum: NAD 83	Elevation Metadata Method: GPS	Accuracy: 5± ft.	Datum: NAVD 88	Survey Date: 06/16/2016

WELL LOCATION PLAT

Page 2(a) Notifications

DEP Statewide toll-free phone number for reporting cases of water contamination which may be associated with development of oil and gas resources is 1-866-255-5158.

Applicant / Well Operator Name EQT Production Company	DEP ID# 146983	Well (Farm) Name Caton	Well # 7H	Serial #
Surface Landowner / Lessor: Edward H. Caton & Amy Troy-Caton		Angle & Course of Deviation (Drilling): N33° 02' 05"W 14,244'	Anticipated True Vertical Depth Feet (TVD): 7,480'	Anticipated Total Measured Depth Feet (TMD): 21,747'
Target Formation(s): Marcellus		Deepest Formation to be penetrated: Marcellus	Number of laterals: 1	Total footage to be drilled all laterals: 21,747'
Surface Owner/Water Purveyor w/Water Supply within 1000'/3000'		Latitude Longitude of Water Supply		
1) Louise C. & Harold F. Small		40.257319 -79.975459		
2) Louise C. & Harold F. Small		40.255680 -79.974539		
3) Donald L. & Eliza L. Martik		40.256206 -79.973058		
4) Marcus R. & Gloria Sturges		40.256345 -79.971252		
5) Marcus R. & Gloria Sturges		40.256710 -79.970978		
6) Donald Maggs		40.256763 -79.970254		
7) Matthew Michael Zayac		40.256540 -79.969650		
8) Mark A. & Sandra Rae Brandes		40.255538 -79.969973		
8) Mark A. & Sandra Rae Brandes		40.255240 -79.970400		
10) Michael D. Beres		40.254370 -79.970546		
11) John E. Shaffer, V		40.252211 -79.974643		
12) John E. Shaffer, V		40.252381 -79.974252		
13) David W. & Joann M. Kreutzer		40.251689 -79.973781		
14) Steven G. & Imogene R. Mahlberg		40.251158 -79.974805		
15) Steven G. & Imogene R. Mahlberg		40.250676 -79.974550		
16) Edward H. Caton & Amy Troy-Caton		40.250094 -79.974224		
17) Edward H. Caton & Amy Troy-Caton		40.249743 -79.974866		
18) Edward H. Caton & Amy Troy-Caton		40.249526 -79.975498		
19) Olga R. Hulley		40.249586 -79.973150		
20) Mary B. Kariek		40.248910 -79.972780		
Municipality: where the well will be drilled, adjacent to the well, or within 3000 feet		Municipality: where the well will be drilled, adjacent to the well, or within 3000 feet		
Union Township, Washington County		Jefferson Hills Borough, Allegheny County		
Finleyville Borough, Washington County		Forward Township, Allegheny County		
New Eagle Borough, Washington County		Coal related parties		
Carroll Township, Washington County		Mary Morrison - Owner - All Seams		
Nottingham Township, Washington County		Anna J. Krebs - Owner - All Seams		
Peters Township, Washington County				
Bethel Park Borough, Allegheny County				
South Park Township, Allegheny County				

WELL LOCATION PLAT

Page 2(b) Notifications

DEP Statewide toll-free phone number for reporting cases of water contamination which may be associated with development of oil and gas resources is 1-866-255-5158.

Applicant / Well Operator Name EQT Production Company	DEP ID# 146983	Well (Farm) Name Caton	Well # 7H	Serial #
Surface Landowner / Lessor: Edward H. Caton & Amy Troy-Caton		Angle & Course of Deviation (Drilling): N33° 02' 05"W 14,244'	Anticipated True Vertical Depth Feet (TVD): 7,480'	Anticipated Total Measured Depth Feet (TMD): 21,747'
Target Formation(s): Marcellus		Deepest Formation to be penetrated: Marcellus	Number of laterals: 1	Total footage to be drilled all laterals: 21,747'
Surface Owner/Water Purveyor w/Water Supply within 1000'/3000'		Latitude Longitude of Water Supply		
21) Jared Evan Madaras		40.248599	-79.973212	
22) William G. & Paula Wilson		40.249823	-79.971410	
23) Scott & Patricia M. Rogers		40.250325	-79.970754	
24) Scott & Patricia M. Rogers		40.250142	-79.970369	
25) Scott & Patricia M. Rogers		40.250410	-79.970527	
26) Richard D. & Bethany L. Jurofck		40.249750	-79.969434	
27) George & Stephanie Martin		40.249718	-79.970235	
28) James R. & Deborah J. Connell		40.248826	-79.971841	
29) Brenda Caserta Frankfort & William Daniel Frankfort		40.247918	-79.972735	
30) Brenda Caserta Frankfort & William Daniel Frankfort		40.247403	-79.973673	
31) Brenda Caserta Frankfort & William Daniel Frankfort		40.247698	-79.972587	
32) Lauren Nicole Gouger		40.247033	-79.972340	
33) Jeffrey E. Bett & Janet L. Spreha		40.247606	-79.971764	
34) Jeff T. & Gina M. Fox		40.250465	-79.968836	
35) John P. & Andrea M. Hruby		40.249890	-79.967571	
36) John Edward Maxton II		40.246505	-79.968144	
37) Walter & Rosemarie Scheller		40.246070	-79.969350	
38) Walter & Rosemarie Scheller		40.245873	-79.969668	
39) Christopher Michael & Maria J. Capicotto		40.246713	-79.970745	
40) Donald Krapp & Margaret Doerr		40.246323	-79.971944	
41) Chad T. & Lisa L. Buczynski		40.246067	-79.972473	
42) Nicola A. Diliscia, Sr.		40.244943	-79.972040	
43) Nicola A. Diliscia, Sr.		40.244932	-79.970928	
44) Nicola A. Diliscia, Sr.		40.244445	-79.970350	
45) Hary A. Castor, III		40.243369	-79.975226	
46) Sandra Ann Fosbrink and Charles E. David		40.244383	-79.975506	
47) Ross H. Geracitano		40.245070	-79.975319	
48) Ronald R. Ross		40.245387	-79.975256	
49) Ronald R. Ross		40.245406	-79.975200	

WELL LOCATION PLAT

Page 2(c) Notifications

DEP Statewide toll-free phone number for reporting cases of water contamination which may be associated with development of oil and gas resources is 1-866-255-5158.

Applicant / Well Operator Name EQT Production Company	DEP ID# 146983	Well (Farm) Name Caton	Well # 7H	Serial #
Surface Landowner / Lessor: Edward H. Caton & Amy Troy-Caton		Angle & Course of Deviation (Drilling): N33° 02' 05"W 14,244'	Anticipated True Vertical Depth Feet (TVD): 7,480'	Anticipated Total Measured Depth Feet (TMD): 21,747'
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Surface Owner/Water Purveyor w/Water Supply within 1000'/3000'		Latitude Longitude of Water Supply		
50) James V. Miller		40.245975 -79.975772		
51) Thomas & Lisa Manion		40.246023 -79.975150		
52) Pamela Lynn Koscho		40.246103 -79.976337		
53) Ronald Jack Barwell		40.246188 -79.976518		
54) Jon B. & Karen Madaras		40.246824 -79.977056		
55) Joseph P. & Joanne Markiewicz		40.247128 -79.976680		
56) Albert H., Sr. & James L. Powell		40.250647 -79.978507		
57) Martin W. & Celine Dowling		40.250964 -79.978642		
58) Martin W. & Celine Dowling		40.251791 -79.978733		
59) Martin W. & Celine Dowling		40.253419 -79.979648		
60) George L. & Marianne Hostovich		40.251974 -79.985465		
61) Warren B. Fawcett and Robert T. Fawcett		40.251343 -79.985428		
62) Warren B. Fawcett and Robert T. Fawcett		40.251299 -79.986078		
63) Dana M. Adametz		40.250266 -79.985562		
64) Thomas R. Manion		40.248467 -79.986071		
65) Thomas R. Manion		40.248070 -79.986442		
66) Thomas R. Manion		40.248157 -79.986072		
67) Anthony P., Jr. & Joanne Zusinas		40.247902 -79.986463		
68) The Jaki Family Revocable Living Trust		40.247813 -79.985671		
69) The Jaki Family Revocable Living Trust		40.247425 -79.985061		
70) The Jaki Family Revocable Living Trust		40.246444 -79.984619		
71) Samuel G. Calerone & Barbara L. Calderone, Trustees		40.244453 -79.983432		
72) Samuel G. Calerone & Barbara L. Calderone, Trustees		40.244027 -79.982259		
73) Samuel G. Calerone & Barbara L. Calderone, Trustees		40.243741 -79.981759		
74) Samuel G. Calerone & Barbara L. Calderone, Trustees		40.243925 -79.980924		
75) Beth A. Henderson		40.252743 -79.969231		
76) Tracy Miller & Pamela J. Miller		40.252305 -79.969079		
77) Tracy Miller & Pamela J. Miller		40.252474 -79.968889		
78) Michael B. & Kimberly A. Barna		40.252413 -79.968356		

WELL LOCATION PLAT
Page 2(d) Notifications

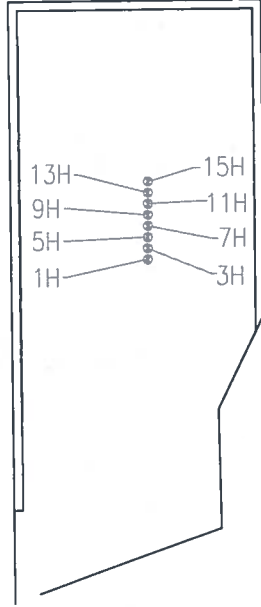
DEP Statewide toll-free phone number for reporting cases of water contamination which may be associated with development of oil and gas resources is 1-866-255-5158.

Applicant / Well Operator Name EQT Production Company	DEP ID# 146983	Well (Farm) Name Caton	Well # 7H	Serial #
Surface Landowner / Lessor: Edward H. Caton & Amy Troy-Caton		Angle & Course of Deviation (Drilling): N33° 02' 05"W 14,244'	Anticipated True Vertical Depth Feet (TVD): 7,480'	Anticipated Total Measured Depth Feet (TMD): 21,747'
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Surface Owner/Water Purveyor w/Water Supply within 1000'/3000'		Latitude Longitude of Water Supply		
79) Thomas A. & Charity D. Winberg		40.256588 -79.971620		
80) Mark A. & Sandra R. Brandes		40.255954 -79.972066		
81) Richard N. & Kathleen Bronder		40.254899 -79.970978		
82) Ryan D. Brain		40.250202 -79.967060		
83) Albert M. & June J. Primorich		40.248777 -79.966955		
84) Cody J. Long		40.248121 -79.971257		
85) Tracey Jancuski		40.245379 -79.973871		

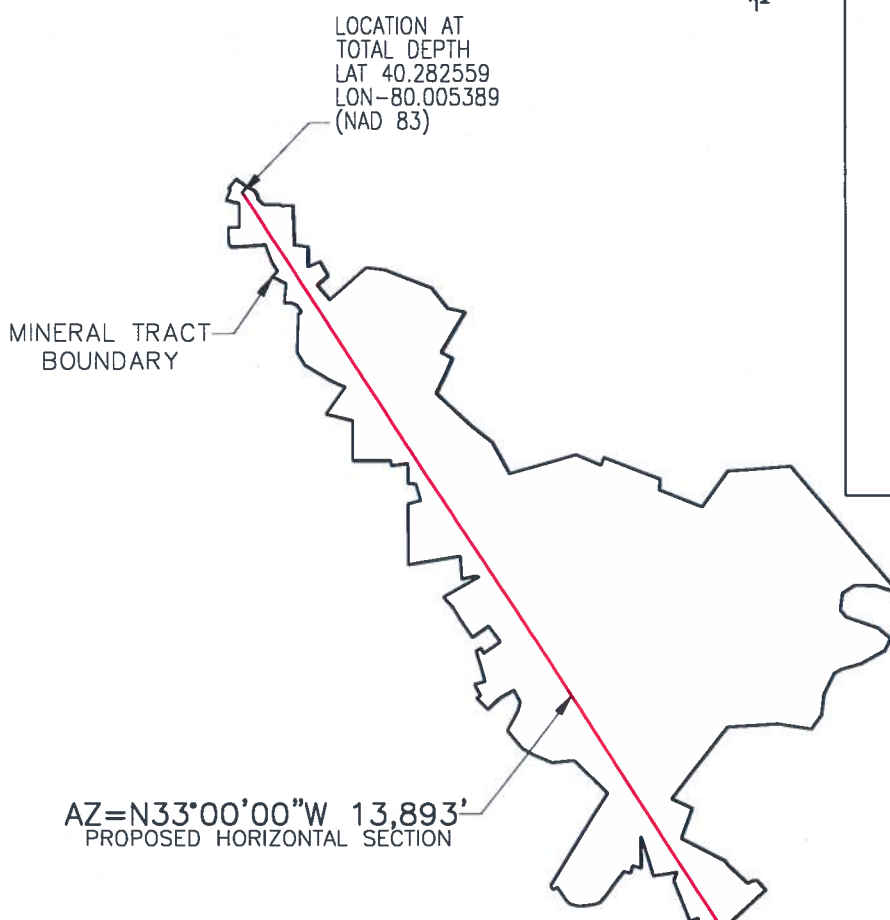
WELL LOCATION PLAT
PAGE 3 Plan View of Deviated Well Bore

Applicant / Well Operator Name: EQT Production Company	DEP ID#: 146983	Well (Farm) Name: Caton	Well #: 7H
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SHL True Latitude 40.250330
SHL True Longitude -79.976487
Horizontal Coordinate System: NAD 83



CATON PAD LAYOUT
SCALE 1" = 250'



LOCATION AT TOTAL DEPTH
LAT 40.282559
LON -80.005389
(NAD 83)

MINERAL TRACT BOUNDARY

AZ=N33°00'00"W 13,893'
PROPOSED HORIZONTAL SECTION

LOCATION AT LANDING POINT
LAT 40.251110
LON -79.977223
(NAD83)

CATON 7H WELL LOCATION & KOP

N86°43'09"W
601'
(TIE)

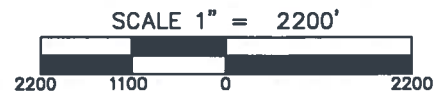
N18°49'53"E
625'
(TIE)

ACCESS ROAD

ROAD
PLEASANT
T-888

NAD 27 Coordinates	
Tophole	
LAT	40.250260
LON	-79.976714
Landing	
LAT	40.251040
LON	-79.977450
Bottomhole	
LAT	40.282489
LON	-80.005615

TOTAL MINERAL TRACT
ACREAGE 644.67 Ac.
EXISTING SURFACE ELEVATION- 1120± FT.




WELL LOCATION PLAT

PAGE 4 Well Plan

DEP Use Only	Permit #
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Applicant / Well Operator Name: EQT PRODUCTION COMPANY	DEP ID#: 146983	Well (Farm) Name: Caton	Well #: 7H
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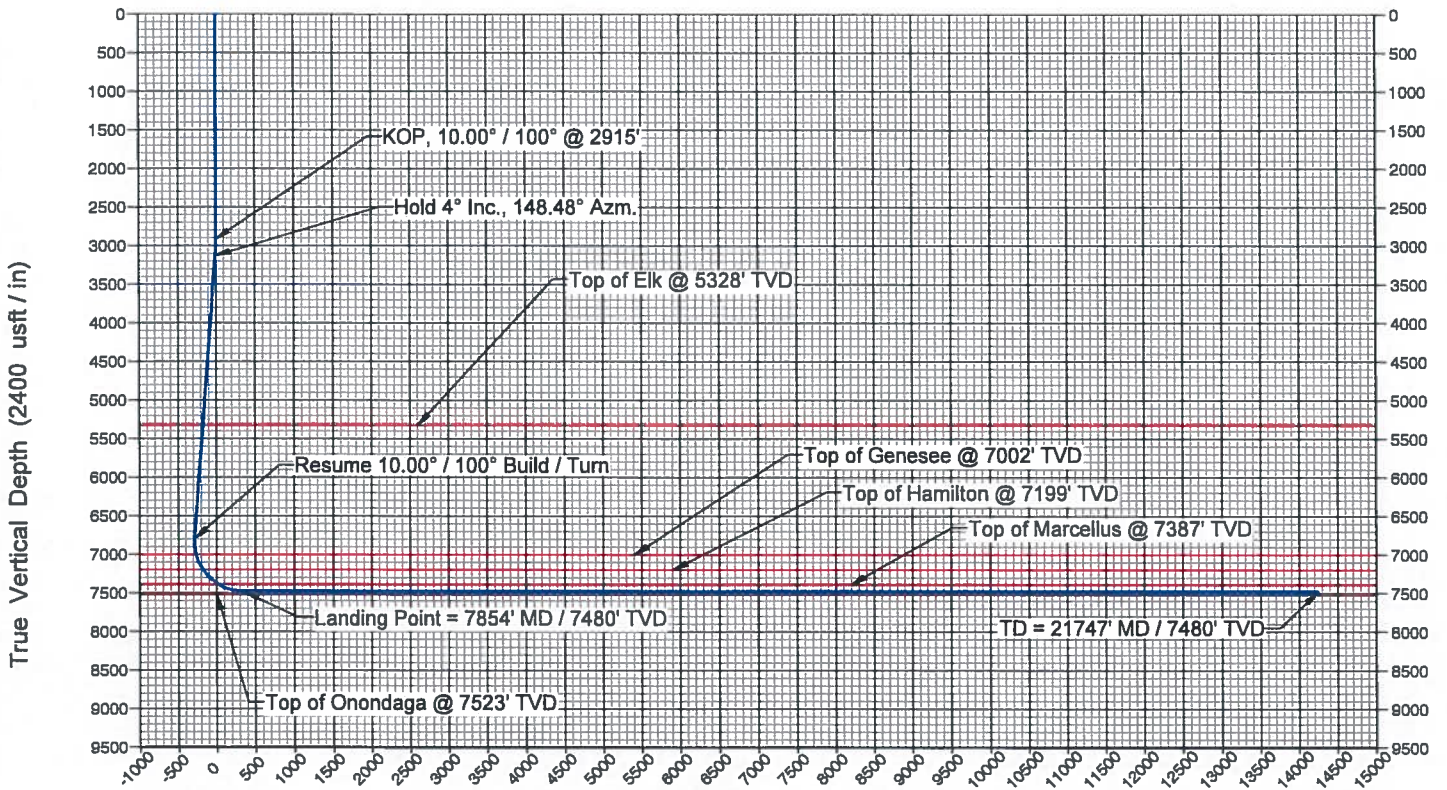
	TVD	TMD	Latitude	Longitude
KOP :	2,915'	2,915'	40.250330	-79.976487
Landing Point :	7,480'	7,854'	40.251110	-79.977223
Projected Bottom Hole :	7,480'	21,747'	40.282559	-80.005389



Azimuths to Grid North
Magnetic North : -9.38

Magnetic Field
Strength : 51,837.32
Dip Angle : 66.85
Date : 09/16/2021
Model : IGRF2015

NAD 83



Vertical Section at 326.97° (2400 usft / in)



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS MANAGEMENT

WELL LOCATION PLAT
PAGE 1 Surface Location

Auth ID #:	G:
Permit #:	
Project #:	C:

SHL True Latitude
40.250371

SHL True Longitude
-79.976488

Horizontal Coordinate System:
NAD 83

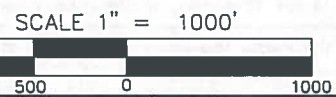
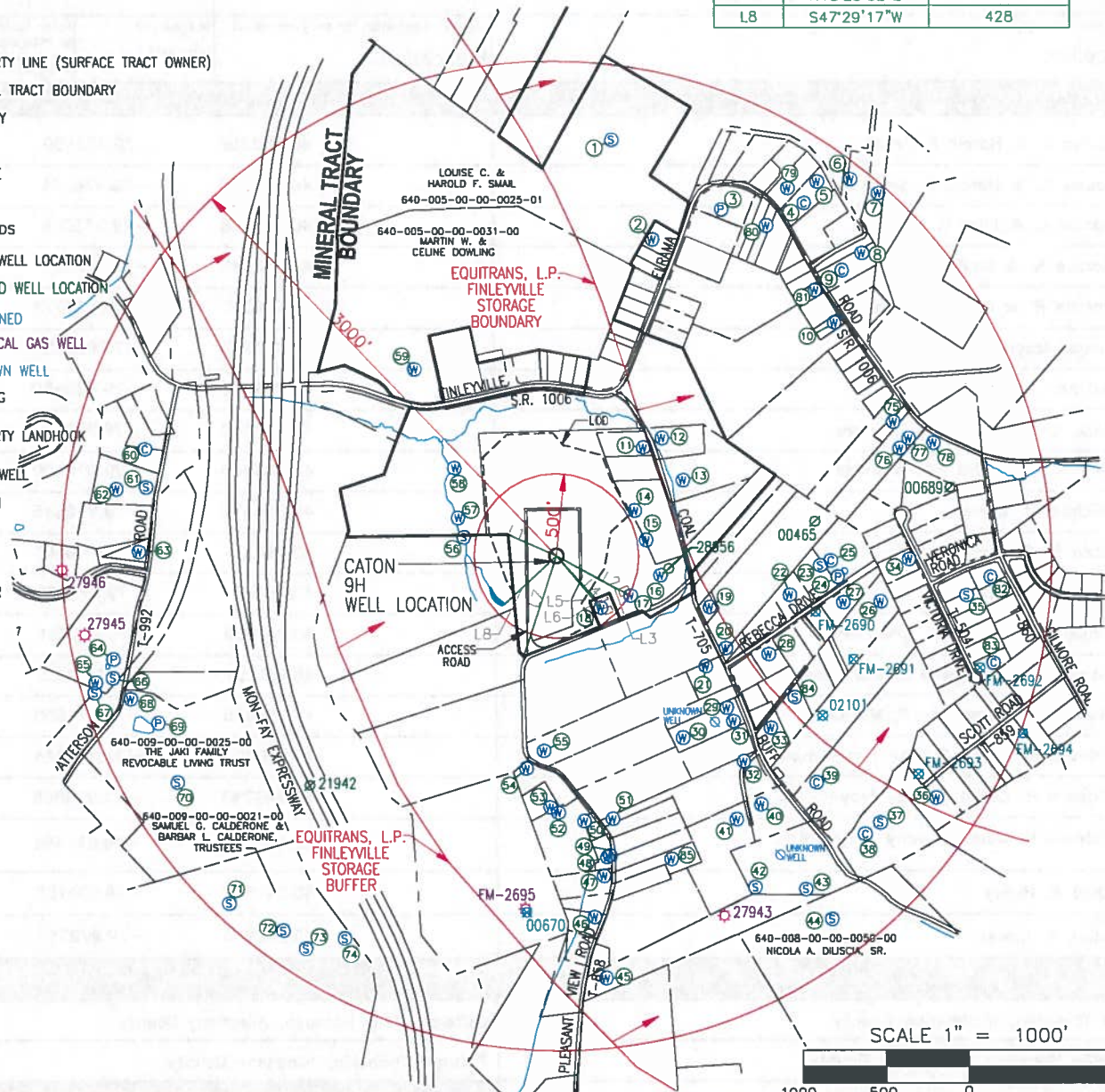
NOTES:
THE PURPOSE OF THIS PLAT IS FOR THE LOCATION OF A PROPOSED GAS WELL AND DOES NOT REPRESENT A CLOSED BOUNDARY SURVEY. PROPERTY LINES AND OWNERS WERE OBTAINED FROM VARIOUS FIELD EVIDENCE, TAX RECORDS, AND AERIAL MAPPING.
THERE ARE NO COAL MINES WITHIN 1000 FEET OF PROPOSED WELL LOCATION.

LINE	BEARING	DISTANCE (FEET)
L1	S65°53'49"E	321
L2	S61°45'22"E	507
L3	S61°20'12"E	424
L4	S42°22'38"E	372
L5	S40°26'41"E	414
L6	S40°21'12"E	422
L7	N18°23'52"E	640
L8	S47°29'17"W	428



LEGEND

- PROPERTY LINE (SURFACE TRACT OWNER)
- MINERAL TRACT BOUNDARY
- ROADWAY
- STREAM
- TIE LINE
- LOD
- WETLANDS
- ⊕ ACTIVE WELL LOCATION
- ⊗ PLUGGED WELL LOCATION
- ⊗ ABANDONED
- ⊗ HISTORICAL GAS WELL
- ⊗ UNKNOWN WELL
- BUILDING
- ↓ PROPERTY LANDHOOK
- W WATER WELL
- C CISTERN
- S SPRING
- ① WATER SOURCE NUMBER



Applicant / Well Operator Name: EQT Production Company		DEP ID#: 146983	Well (Farm) Name: Caton		Well #: 9H	Serial #:
Address: 400 Woodcliff Drive, Canonsburg, PA 15317			County: Washington	Municipality: Union Township	Well Type: Gas	
911 address of well site: 265 Pleasantville Road, Finleyville, PA, 15332			USGS 7 1/2' Quadrangle Map Name: Glassport	Map Section: 7	Surface Elevation: 1120± ft.	
Surveyor or Engineer: Matthew M. Flaus, PLS	Phone #: (412) 278-2100	Dwg #:	Date: 01/22/2024	Scale: 1"=1000'	Unit Acreage: 708.47	
Lat & Long Metadata Method: GPS	Accuracy: 3± ft.	Datum: NAD 83	Elevation Metadata Method: GPS	Accuracy: 5± ft.	Datum: NAVD 88	Survey Date: 06/16/2016

WELL LOCATION PLAT Page 2(a) Notifications

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Surface Landowner / Lessor: Edward H. Caton & Amy Troy-Caton		Angle & Course of Deviation (Drilling): N29° 10' 03"W 14,709'	Anticipated True Vertical Depth Feet (TVD): 7,480'	Anticipated Total Measured Depth Feet (TMD): 22,303'
Target Formation(s): Marcellus		Deepest Formation to be penetrated: Marcellus	Number of laterals:1	Total footage to be drilled all laterals: 22,303'
Surface Owner/Water Purveyor w/Water Supply within 1000'/3000'		Latitude Longitude of Water Supply		
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7) Matthew Michael Zayac		40.256540 -79.969650		
8) Mark A. & Sandra Rae Brandes		40.255538 -79.969973		
8) Mark A. & Sandra Rae Brandes		40.255240 -79.970400		
10) Michael D. Beres		40.254370 -79.970546		
11) John E. Shaffer, V		40.252211 -79.974643		
12) John E. Shaffer, V		40.252381 -79.974252		
13) David W. & Joann M. Kreutzer		40.251689 -79.973781		
14) Steven G. & Imogene R. Mahlberg		40.251158 -79.974805		
15) Steven G. & Imogene R. Mahlberg		40.250676 -79.974550		
16) Edward H. Caton & Amy Troy-Caton		40.250094 -79.974224		
17) Edward H. Caton & Amy Troy-Caton		40.249743 -79.974866		
18) Edward H. Caton & Amy Troy-Caton		40.249526 -79.975498		
19) Olga R. Hulley		40.249586 -79.973150		
20) Mary B. Karlek		40.248910 -79.972780		
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WELL LOCATION PLAT

Page 2(b) Notifications

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38) Walter & Rosemarie Scheller		40.245873	-79.969668	
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WELL LOCATION PLAT

Page 2(c) Notifications

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52) Pamela Lynn Koscho		40.246103	-79.976337	
53) Ronald Jack Barwell		40.246188	-79.976518	
54) Jon B. & Karen Madaras		40.246824	-79.977056	
55) Joseph P. & Joanne Markiewicz		40.247128	-79.976680	
56) Albert H., Sr. & Jamee L. Powell		40.250647	-79.978507	
57) Martin W. & Celine Dowling		40.250964	-79.978642	
58) Martin W. & Celine Dowling		40.251791	-79.978733	
59) Martin W. & Celine Dowling		40.253419	-79.979648	
60) George L. & Marianne Hostovich		40.251974	-79.985465	
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62) Warren B. Fawcett and Robert T. Fawcett		40.251299	-79.986078	
63) Dana M. Adametz		40.250266	-79.985562	
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66) Thomas R. Manion		40.248157	-79.986072	
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69) The Jaki Family Revocable Living Trust		40.247425	-79.985061	
70) The Jaki Family Revocable Living Trust		40.246444	-79.984619	
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72) Samuel G. Calerone & Barbara L. Calderone, Trustees		40.244027	-79.982259	
73) Samuel G. Calerone & Barbara L. Calderone, Trustees		40.243741	-79.981759	
74) Samuel G. Calerone & Barbara L. Calderone, Trustees		40.243925	-79.980924	
75) Beth A. Henderson		40.252743	-79.969231	
76) Tracy Miller & Pamela J. Miller		40.252305	-79.969079	
77) Tracy Miller & Pamela J. Miller		40.252474	-79.968889	
78) Michael B. & Kimberly A. Barna		40.252413	-79.968356	

WELL LOCATION PLAT

PAGE 3 Plan View of Deviated Well Bore

Applicant / Well Operator Name: EQT Production Company	DEP ID#: 146983	Well (Farm) Name: Caton	Well #: 9H
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SHL True Latitude 40.250371
SHL True Longitude -79.976488

Horizontal Coordinate System:
NAD 83

LOCATION AT
TOTAL DEPTH
LAT 40.285118
LON -80.003336
(NAD 83)

MINERAL TRACT
BOUNDARY

AZ=N33°00'00"W 14,338'
PROPOSED HORIZONTAL SECTION

LOCATION AT
LANDING POINT
LAT 40.252663
LON -79.974268
(NAD83)

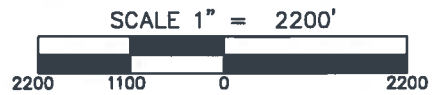
S65°53'49"E
321'
(TIE)

N18°23'52"E
640'
(TIE)

CATON 9H
WELL LOCATION
& KOP

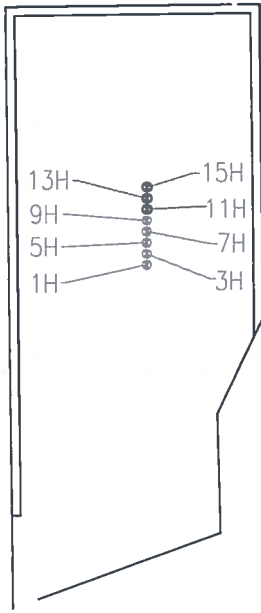
ACCESS
ROAD

PLEASANT
ROAD
T-85B



TOTAL MINERAL TRACT
ACREAGE 708.47 Ac.
EXISTING SURFACE ELEVATION- 1120± FT.

NAD 27 Coordinates	
Tophole	
LAT	40.250301
LON	-79.976715
Landing	
LAT	40.252593
LON	-79.974495
Bottomhole	
LAT	40.285048
LON	-80.003562




WELL LOCATION PLAT

PAGE 4 Well Plan

DEP Use Only	Permit #
--------------------	----------

Applicant / Well Operator Name: EQT PRODUCTION COMPANY	DEP ID#: 146983	Well (Farm) Name: Caton	Well #: 9H
---	--------------------	----------------------------	---------------

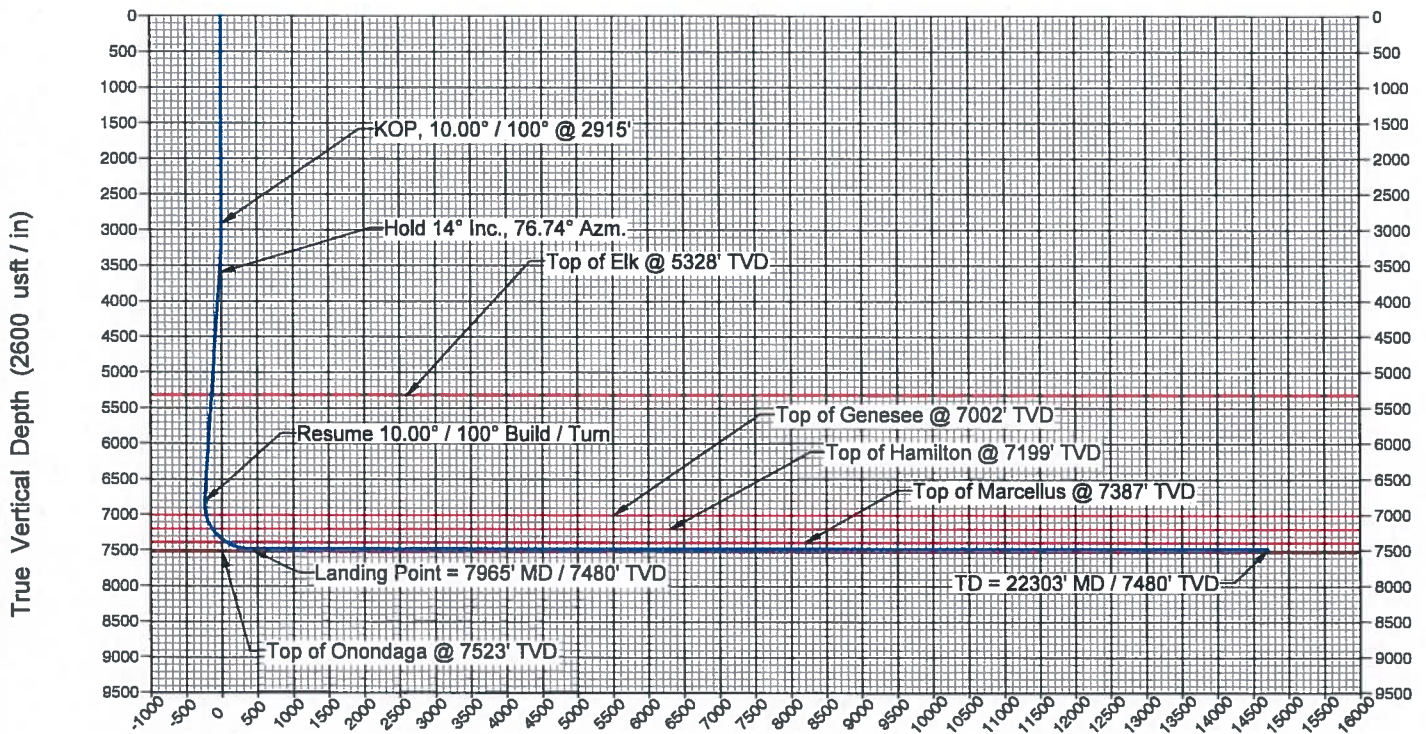
	TVD	TMD	Latitude	Longitude
KOP :	2,915'	2,915'	40.250371	-79.976488
Landing Point :	7,480'	7,965'	40.252663	-79.974268
Projected Bottom Hole:	7,480'	22,303'	40.285118	-80.003336



Azimuths to Grid North
Magnetic North : -9.43

Magnetic Field
Strength : 51,580.16
Dip Angle : 66.66
Date : 12/13/2023
Model : IGRF2015

NAD 83



Vertical Section at 330.83° (2600 usft / in)



COMMONWEALTH OF PENNSYLVANIA
 DEPARTMENT OF ENVIRONMENTAL PROTECTION
 OFFICE OF OIL AND GAS MANAGEMENT
WELL LOCATION PLAT
 PAGE 1 Surface Location

Auth ID #:	G:
Permit #:	G:
Project #:	C:

SHL True Latitude
 40.250413

SHL True Longitude
 -79.976489

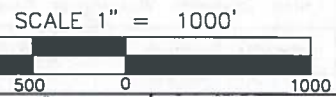
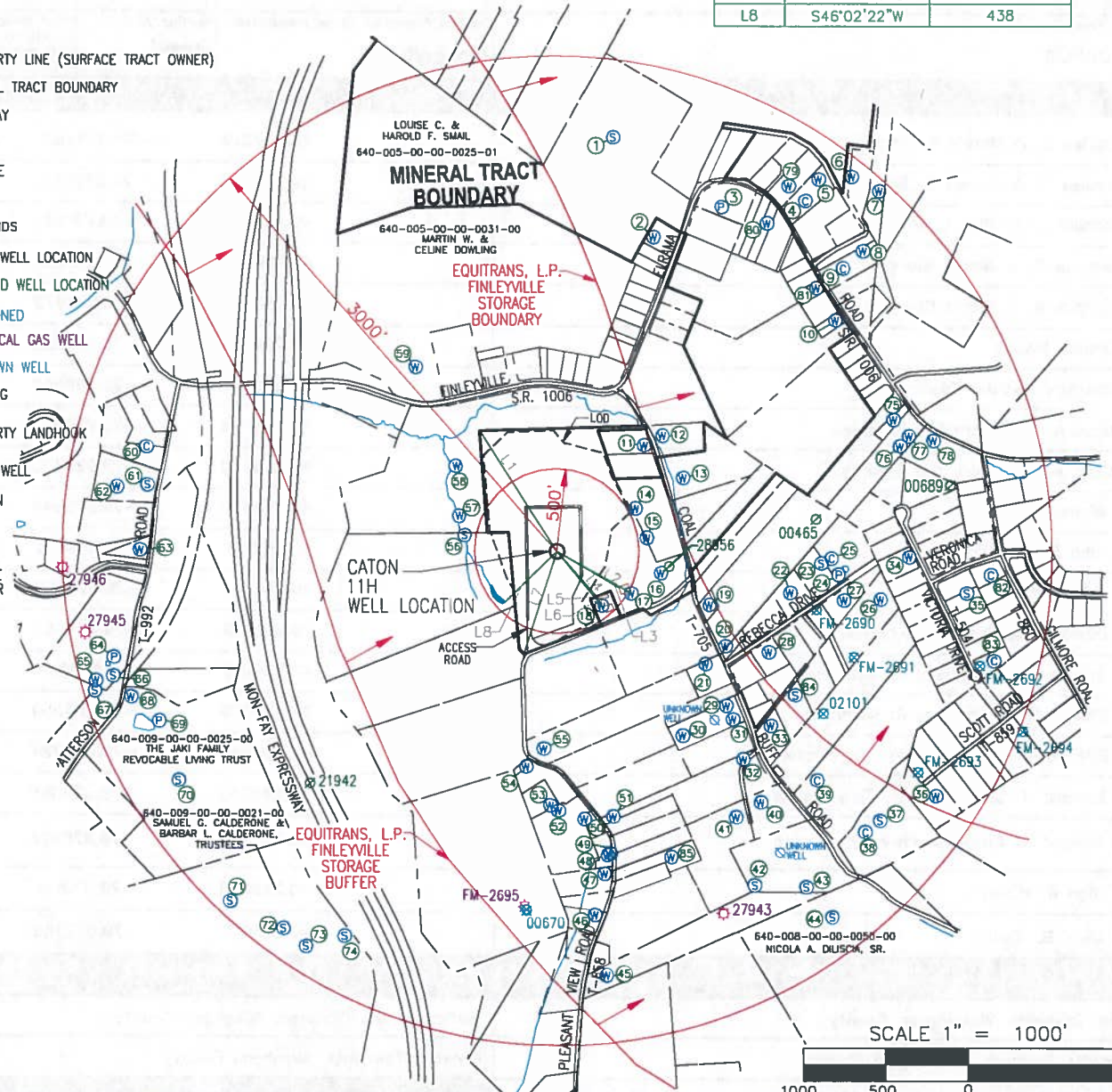
Horizontal Coordinate System:
 NAD 83

NOTES:
 THE PURPOSE OF THIS PLAT IS FOR THE LOCATION OF A PROPOSED GAS WELL AND DOES NOT REPRESENT A CLOSED BOUNDARY SURVEY. PROPERTY LINES AND OWNERS WERE OBTAINED FROM VARIOUS FIELD EVIDENCE, TAX RECORDS, AND AERIAL MAPPING.
 THERE ARE NO COAL MINES WITHIN 1000 FEET OF PROPOSED WELL LOCATION.

LINE	BEARING	DISTANCE (FEET)
L1	S32°31'49"E	866
L2	S60°17'03"E	515
L3	S59°35'12"E	431
L4	S40°52'01"E	384
L5	S39°08'02"E	425
L6	S39°04'08"E	433
L7	N17°58'55"E	654
L8	S46°02'22"W	438

LEGEND

- PROPERTY LINE (SURFACE TRACT OWNER)
- MINERAL TRACT BOUNDARY
- ROADWAY
- STREAM
- TIE LINE
- - - LOD
- WETLANDS
- ⊕ ACTIVE WELL LOCATION
- ⊗ PLUGGED WELL LOCATION
- ⊘ ABANDONED
- ⊙ HISTORICAL GAS WELL
- ⊙ UNKNOWN WELL
- BUILDING
- ↑ PROPERTY LANDHOOK
- W WATER WELL
- C CISTERN
- S SPRING
- 1 WATER SOURCE NUMBER



Applicant / Well Operator Name: EQT Production Company		DEP ID#: 146983	Well (Farm) Name: Caton		Well #: 11H	Serial #:
Address: 400 Woodcliff Drive, Canonsburg, PA 15317			County: Washington	Municipality: Union Township	Well Type: Gas	
911 address of well site: 265 Pleasantville Road, Finleyville, PA, 15332			USGS 7 1/2' Quadrangle Map Name: Glassport	Map Section: 7	Surface Elevation: 1120± ft.	
Surveyor or Engineer: MATTHEW M. FLAUS, PLS	Phone #: (412) 278-2100	Dwg #:	Date: 01/22/2024	Scale: 1"=1000'	Unit Acreage: 759.55	
Lat & Long Metadata Method: GPS	Accuracy: 3± ft.	Datum: NAD 83	Elevation Metadata Method: GPS	Accuracy: 5± ft.	Datum: NAVD 88	Survey Date: 06/16/2016

WELL LOCATION PLAT
Page 2(a) Notifications

DEP Statewide toll-free phone number for reporting cases of water contamination which may be associated with development of oil and gas resources is 1-866-255-5158.

Applicant / Well Operator Name EQT Production Company		DEP ID# 146983	Well (Farm) Name Caton	Well # 11H	Serial #
Surface Landowner / Lessor: Edward H. Caton & Amy Troy-Caton		Angle & Course of Deviation (Drilling): N25° 14' 10"W 14,620'		Anticipated True Vertical Depth Feet (TVD): 7,480'	Anticipated Total Measured Depth Feet (TMD): 22,319'
Target Formation(s): Marcellus		Deepest Formation to be penetrated: Marcellus		Number of laterals: 1	Total footage to be drilled all laterals: 22,319'
Surface Owner/Water Purveyor w/Water Supply within 1000'/3000'			Latitude Longitude of Water Supply		
1) Louise C. & Harold F. Small		40.257319		-79.975459	
2) Louise C. & Harold F. Small		40.255680		-79.974539	
3) Donald L. & Eliza L. Martik		40.256206		-79.973058	
4) Marcus R. & Gloria Sturges		40.256345		-79.971252	
5) Marcus R. & Gloria Sturges		40.256710		-79.970978	
6) Donald Maggs		40.256763		-79.970254	
7) Matthew Michael Zayac		40.256540		-79.969650	
8) Mark A. & Sandra Rae Brandes		40.255538		-79.969973	
9) Mark A. & Sandra Rae Brandes		40.255240		-79.970400	
10) Michael D. Beres		40.254370		-79.970546	
11) John E. Shaffer, V		40.252211		-79.974643	
12) John E. Shaffer, V		40.252381		-79.974252	
13) David W. & Joann M. Kreuzer		40.251689		-79.973781	
14) Steven G. & Imogene R. Mahlberg		40.251158		-79.974805	
15) Steven G. & Imogene R. Mahlberg		40.250676		-79.974550	
16) Edward H. Caton & Amy Troy-Caton		40.250094		-79.974224	
17) Edward H. Caton & Amy Troy-Caton		40.249743		-79.974866	
18) Edward H. Caton & Amy Troy-Caton		40.249526		-79.975498	
19) Olga R. Hulley		40.249586		-79.973150	
20) Mary B. Kartek		40.248910		-79.972780	
Municipality: where the well will be drilled, adjacent to the well, or within 3000 feet			Municipality: where the well will be drilled, adjacent to the well, or within 3000 feet		
Union Township, Washington County			Jefferson Hills Borough, Allegheny County		
Finleyville Borough, Washington County			Forward Township, Allegheny County		
New Eagle Borough, Washington County			Coal related parties		
Carroll Township, Washington County			Mary Morrison - Owner - All Seams		
Nottingham Township, Washington County			Anna J. Krebs - Owner - All Seams		
Peters Township, Washington County					
Bethel Park Borough, Allegheny County					
South Park Township, Allegheny County					

WELL LOCATION PLAT

Page 2(b) Notifications

DEP Statewide toll-free phone number for reporting cases of water contamination which may be associated with development of oil and gas resources is 1-866-255-5158.

Applicant / Well Operator Name EQT Production Company	DEP ID# 146983	Well (Farm) Name Caton	Well # 11H	Serial #
Surface Landowner / Lessor: Edward H. Caton & Amy Troy-Caton		Angle & Course of Deviation (Drilling): N25° 14' 10"W 14,620'	Anticipated True Vertical Depth Feet (TVD): 7,480'	Anticipated Total Measured Depth Feet (TMD): 22,319'
Target Formation(s): Marcellus		Deepest Formation to be penetrated: Marcellus	Number of laterals: 1	Total footage to be drilled all laterals: 22,319'
Surface Owner/Water Purveyor w/Water Supply within 1000'/3000'		Latitude Longitude of Water Supply		
21) Jared Evan Madaras		40.248599	-79.973212	
22) William G. & Paula Wilson		40.249823	-79.971410	
23) Scott & Patricia M. Rogers		40.250325	-79.970754	
24) Scott & Patricia M. Rogers		40.250142	-79.970369	
25) Scott & Patricia M. Rogers		40.250410	-79.970527	
26) Richard D. & Bethany L. Jurofcik		40.249750	-79.969434	
27) George & Stephanie Martin		40.249718	-79.970235	
28) James R. & Deborah J. Connell		40.248826	-79.971841	
29) Brenda Caserta Frankfort & William Daniel Frankfort		40.247918	-79.972735	
30) Brenda Caserta Frankfort & William Daniel Frankfort		40.247403	-79.973673	
31) Brenda Caserta Frankfort & William Daniel Frankfort		40.247698	-79.972587	
32) Lauren Nicole Gouger		40.247033	-79.972340	
33) Jeffrey E. Bett & Janet L. Spreha		40.247606	-79.971764	
34) Jeff T. & Gina M. Fox		40.250465	-79.968836	
35) John P. & Andrea M. Hruby		40.249890	-79.967571	
36) John Edward Maxton II		40.246505	-79.968144	
37) Walter & Rosemarie Scheller		40.246070	-79.969350	
38) Walter & Rosemarie Scheller		40.245873	-79.969668	
39) Christopher Michael & Maria J. Capicotto		40.246713	-79.970745	
40) Donald Krapp & Margaret Doerr		40.246323	-79.971944	
41) Chad T. & Lisa L. Buczynski		40.246067	-79.972473	
42) Nicola A. Diliscia, Sr.		40.244943	-79.972040	
43) Nicola A. Diliscia, Sr.		40.244932	-79.970928	
44) Nicola A. Diliscia, Sr.		40.244445	-79.970350	
45) Hary A. Castor, III		40.243369	-79.975226	
46) Sandra Ann Fosbrink and Charles E. David		40.244383	-79.975506	
47) Ross H. Geracitano		40.245070	-79.975319	
48) Ronald R. Ross		40.245387	-79.975256	
49) Ronald R. Ross		40.245406	-79.975200	

WELL LOCATION PLAT

Page 2(c) Notifications

DEP Statewide toll-free phone number for reporting cases of water contamination which may be associated with development of oil and gas resources is 1-866-255-5158.

Applicant / Well Operator Name EQT Production Company	DEP ID# 146983	Well (Farm) Name Caton	Well # 11H	Serial #
Surface Landowner / Lessor: Edward H. Caton & Amy Troy-Caton		Angle & Course of Deviation (Drilling): N25° 14' 10"W 14,620'	Anticipated True Vertical Depth Feet (TVD): 7,480'	Anticipated Total Measured Depth Feet (TMD): 22,319'
Target Formation(s): Marcellus		Deepest Formation to be penetrated: Marcellus	Number of laterals: 1	Total footage to be drilled all laterals: 22,319'
Surface Owner/Water Purveyor w/Water Supply within 1000'/3000'		Latitude Longitude of Water Supply		
50) James V. Miller		40.245975	-79.975772	
51) Thomas & Lisa Manion		40.246023	-79.975150	
52) Pamela Lynn Koscho		40.246103	-79.976337	
53) Ronald Jack Barwell		40.246188	-79.976518	
54) Jon B. & Karen Madaras		40.246824	-79.977056	
55) Joseph P. & Joanne Markiewicz		40.247128	-79.976680	
56) Albert H., Sr. & Jamee L. Powell		40.250647	-79.978507	
57) Martin W. & Celine Dowling		40.250964	-79.978642	
58) Martin W. & Celine Dowling		40.251791	-79.978733	
59) Martin W. & Celine Dowling		40.253419	-79.979648	
60) George L. & Marianne Hostovich		40.251974	-79.985465	
61) Warren B. Fawcett and Robert T. Fawcett		40.251343	-79.985428	
62) Warren B. Fawcett and Robert T. Fawcett		40.251299	-79.986078	
63) Dana M. Adametz		40.250266	-79.985562	
64) Thomas R. Manion		40.248467	-79.986071	
65) Thomas R. Manion		40.248070	-79.986442	
66) Thomas R. Manion		40.248157	-79.986072	
67) Anthony P., Jr. & Joanne Zusinas		40.247902	-79.986463	
68) The Jaki Family Revocable Living Trust		40.247813	-79.985671	
69) The Jaki Family Revocable Living Trust		40.247425	-79.985061	
70) The Jaki Family Revocable Living Trust		40.246444	-79.984619	
71) Samuel G. Calerone & Barbara L. Calderone, Trustees		40.244453	-79.983432	
72) Samuel G. Calerone & Barbara L. Calderone, Trustees		40.244027	-79.982259	
73) Samuel G. Calerone & Barbara L. Calderone, Trustees		40.243741	-79.981759	
74) Samuel G. Calerone & Barbara L. Calderone, Trustees		40.243925	-79.980924	
75) Beth A. Henderson		40.252743	-79.969231	
76) Tracy Miller & Pamela J. Miller		40.252305	-79.969079	
77) Tracy Miller & Pamela J. Miller		40.252474	-79.968889	
78) Michael B. & Kimberly A. Barna		40.252413	-79.968356	

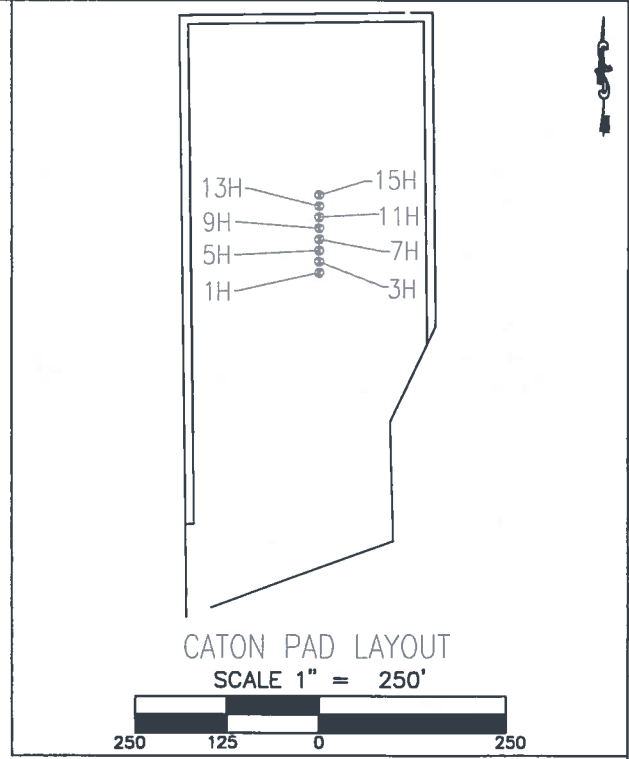
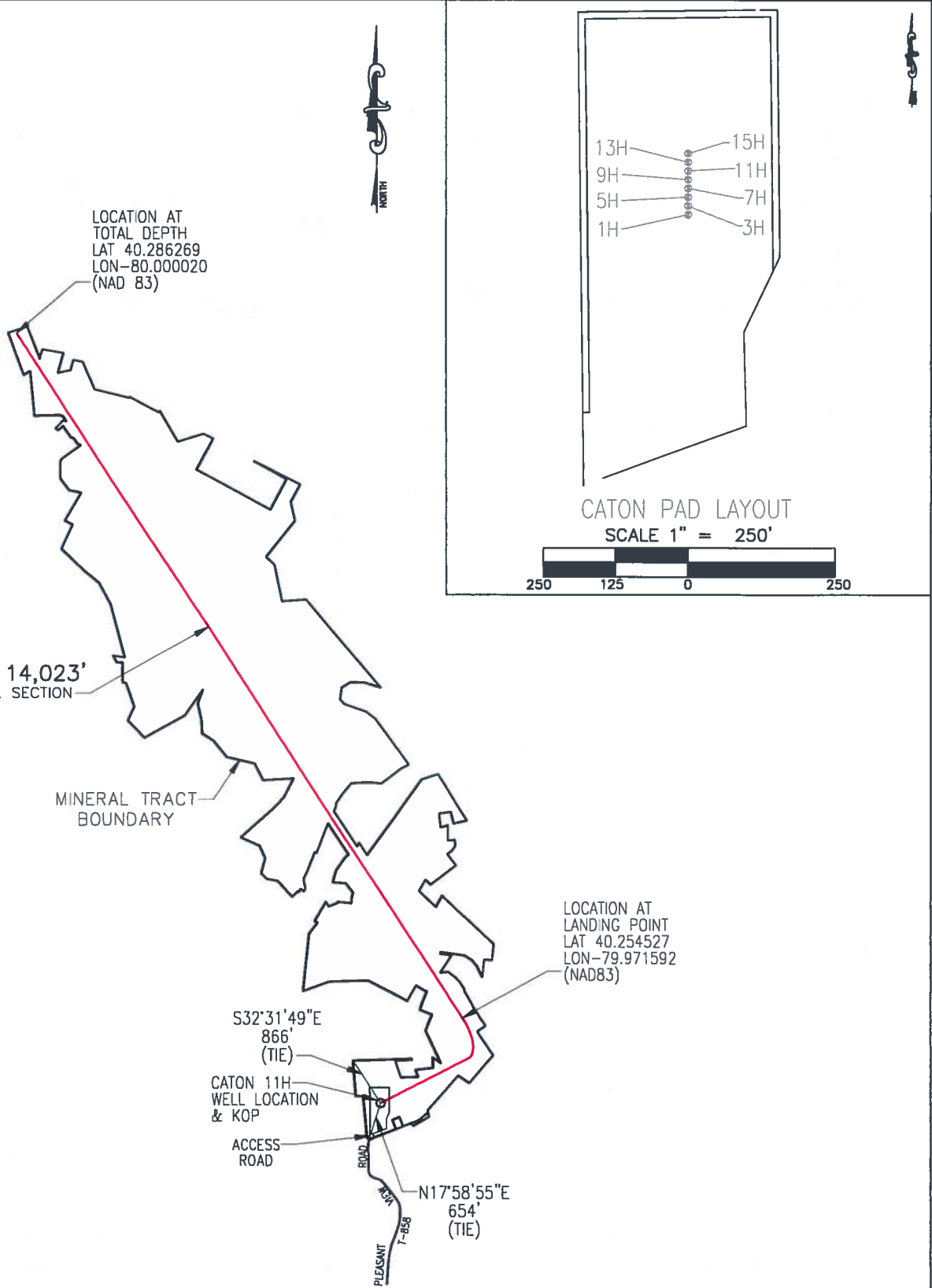
WELL LOCATION PLAT

PAGE 3 Plan View of Deviated Well Bore

Applicant / Well Operator Name: EQT Production Company	DEP ID#: 146983	Well (Farm) Name: Caton	Well #: 11H
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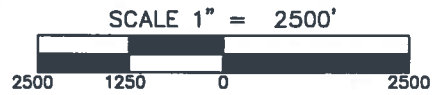
SHL True Latitude 40.250413
SHL True Longitude -79.976489

Horizontal Coordinate System:
NAD 83



NAD 27 Coordinates	
Tophole	
LAT	40.250343
LON	-79.976716
Landing	
LAT	40.254457
LON	-79.971819
Bottomhole	
LAT	40.286199
LON	-80.000246

TOTAL MINERAL TRACT
ACREAGE 759.55 Ac.
EXISTING SURFACE ELEVATION- 1120± FT.




WELL LOCATION PLAT

PAGE 4 Well Plan

DEP Use Only	Permit #
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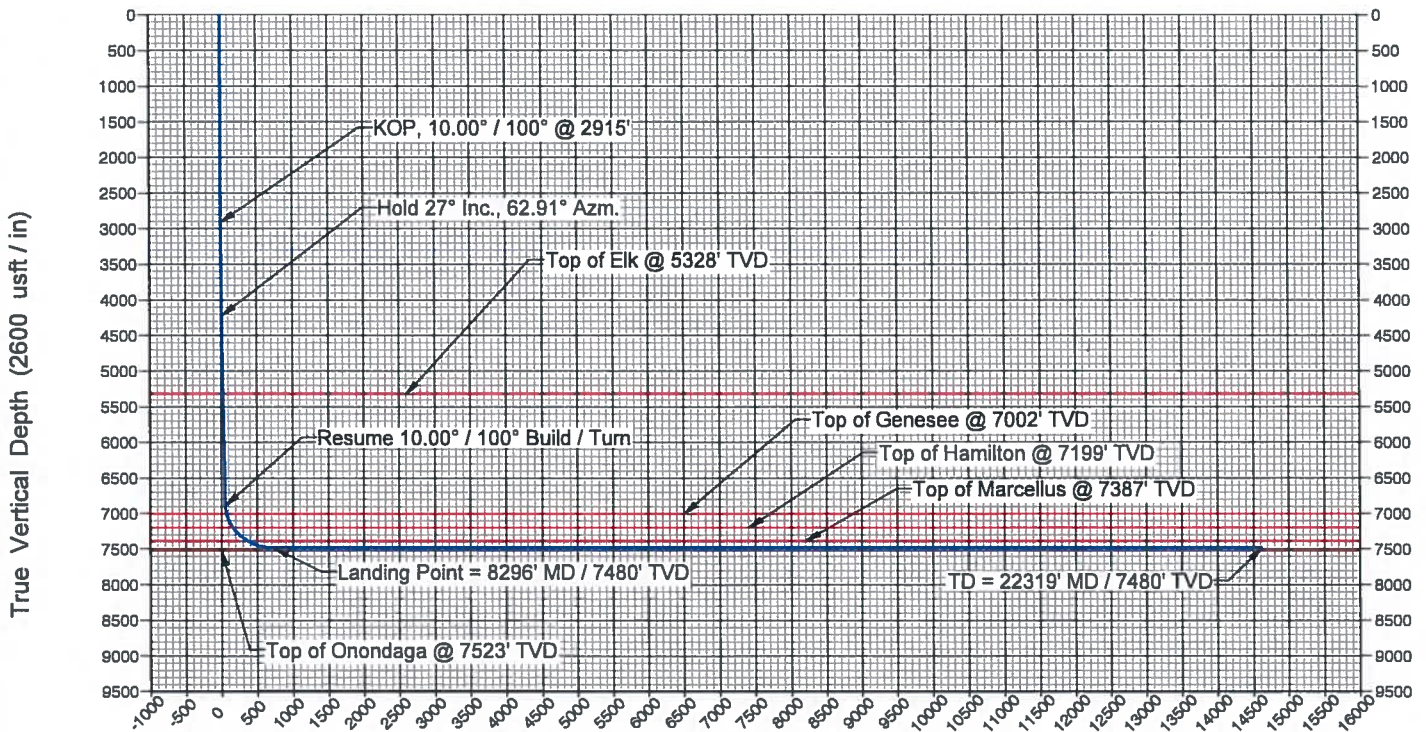
Applicant / Well Operator Name: EQT PRODUCTION COMPANY	DEP ID#: 146983	Well (Farm) Name: Caton	Well #: 11H
---	--------------------	----------------------------	----------------

	TVD	TMD	Latitude	Longitude
KOP :	2,915'	2,915'	40.250413	-79.976489
Landing Point :	7,480'	8,296'	40.254527	-79.971592
Projected Bottom Hole :	7,480'	22,319'	40.286269	-80.000020



Azimuths to Grid North
 Magnetic North : -9.43
 Magnetic Field
 Strength : 51,580.18
 Dip Angle : 66.66
 Date : 12/13/2023
 Model : IGRF2015

NAD 83



Vertical Section at 334.76° (2600 usft / in)



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS MANAGEMENT

WELL LOCATION PLAT
PAGE 1 Surface Location

Auth ID #:	G:
Permit #:	C:
Project #:	C:

SHL True Latitude
40.250454

SHL True Longitude
-79.976491

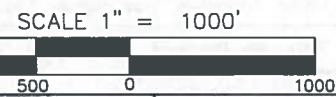
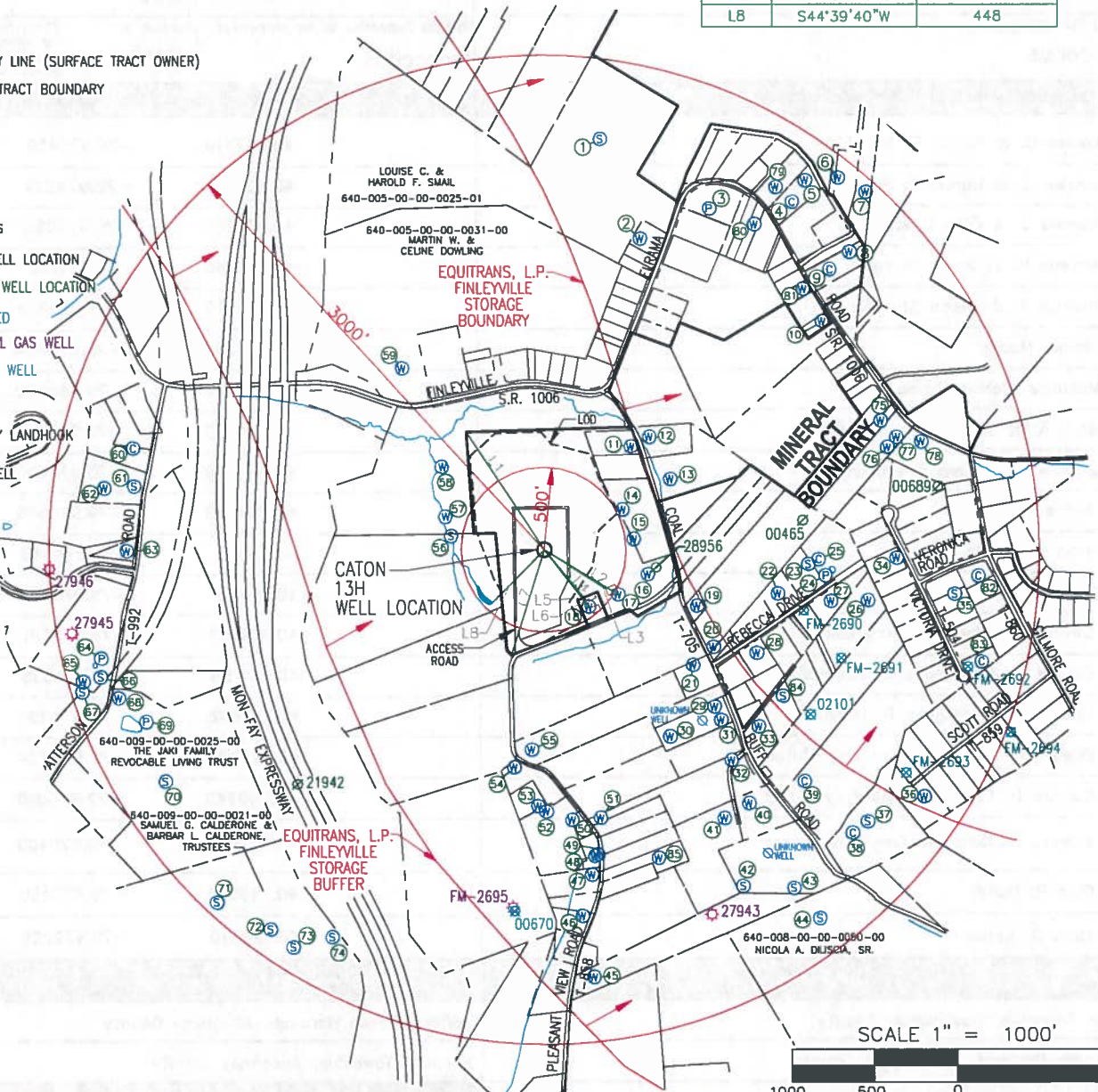
Horizontal Coordinate System:
NAD 83

NOTES:
THE PURPOSE OF THIS PLAT IS FOR THE LOCATION OF A PROPOSED GAS WELL AND DOES NOT REPRESENT A CLOSED BOUNDARY SURVEY. PROPERTY LINES AND OWNERS WERE OBTAINED FROM VARIOUS FIELD EVIDENCE, TAX RECORDS, AND AERIAL MAPPING.
THERE ARE NO COAL MINES WITHIN 1000 FEET OF PROPOSED WELL LOCATION.

LINE	BEARING	DISTANCE (FEET)
L1	S33°04'18"E	854
L2	S58°51'19"E	522
L3	S57°53'55"E	439
L4	S39°26'38"E	395
L5	S37°53'35"E	437
L6	S37°51'07"E	445
L7	N17°35'09"E	668
L8	S44°39'40"W	448

LEGEND

- PROPERTY LINE (SURFACE TRACT OWNER)
- MINERAL TRACT BOUNDARY
- == ROADWAY
- STREAM
- TIE LINE
- LOD
- WETLANDS
- ⊕ ACTIVE WELL LOCATION
- ⊗ PLUGGED WELL LOCATION
- ⊗ ABANDONED
- ⊗ HISTORICAL GAS WELL
- ⊗ UNKNOWN WELL
- BUILDING
- ↓ PROPERTY LANDHOOK
- W WATER WELL
- C CISTERN
- S SPRING
- 1 WATER SOURCE NUMBER



Applicant / Well Operator Name: EQT Production Company		DEP ID#: 146983	Well (Farm) Name: Caton		Well #: 13H	Serial #:
Address: 400 Woodcliff Drive, Canonsburg, PA 15317			County: Washington	Municipality: Union Township	Well Type: Gas	
911 address of well site: 265 Pleasantville Road, Finleyville, PA, 15332			USGS 7 1/2' Quadrangle Map Name: Glassport	Map Section: 7	Surface Elevation: 1120± ft.	
Surveyor or Engineer: MATTHEW M. FLAUS, PLS	Phone #: (412) 278-2100	Dwg #:	Date: 01/22/2024	Scale: 1"=1000'	Unit Acreage: 716.46	
Lat & Long Metadata Method: GPS	Accuracy: 3± ft.	Datum: NAD 83	Elevation Metadata Method: GPS	Accuracy: 5± ft.	Datum: NAVD 88	Survey Date: 06/16/2016

WELL LOCATION PLAT

Page 2(a) Notifications

DEP Statewide toll-free phone number for reporting cases of water contamination which may be associated with development of oil and gas resources is 1-866-255-5158.

Applicant / Well Operator Name EQT Production Company	DEP ID# 146983	Well (Farm) Name Caton	Well # 13H	Serial #
Surface Landowner / Lessor: Edward H. Caton & Amy Troy-Caton		Angle & Course of Deviation (Drilling): N21° 05' 42"W 14,382'	Anticipated True Vertical Depth Feet (TVD): 7,480'	Anticipated Total Measured Depth Feet (TMD): 22,187'
Target Formation(s): Marcellus		Deepest Formation to be penetrated: Marcellus	Number of laterals: 1	Total footage to be drilled all laterals: 22,187'
Surface Owner/Water Purveyor w/Water Supply within 1000'/3000'		Latitude Longitude of Water Supply		
1) Louise C. & Harold F. Small		40.257319 -79.975459		
2) Louise C. & Harold F. Small		40.255680 -79.974539		
3) Donald L. & Eliza L. Martik		40.256206 -79.973058		
4) Marcus R. & Gloria Sturges		40.256345 -79.971252		
5) Marcus R. & Gloria Sturges		40.256710 -79.970978		
6) Donald Maggs		40.256763 -79.970254		
7) Matthew Michael Zayac		40.256540 -79.969650		
8) Mark A. & Sandra Rae Brandes		40.255538 -79.969973		
9) Mark A. & Sandra Rae Brandes		40.255240 -79.970400		
10) Michael D. Beres		40.254370 -79.970546		
11) John E. Shaffer, V		40.252211 -79.974643		
12) John E. Shaffer, V		40.252381 -79.974252		
13) David W. & Joann M. Kreuzer		40.251689 -79.973781		
14) Steven G. & Imogene R. Mahlberg		40.251158 -79.974805		
15) Steven G. & Imogene R. Mahlberg		40.250676 -79.974550		
16) Edward H. Caton & Amy Troy-Caton		40.250094 -79.974224		
17) Edward H. Caton & Amy Troy-Caton		40.249743 -79.974866		
18) Edward H. Caton & Amy Troy-Caton		40.249526 -79.975498		
19) Olga R. Hulley		40.249586 -79.973150		
20) Mary B. Karlek		40.248910 -79.972780		
Municipality: where the well will be drilled, adjacent to the well, or within 3000 feet		Municipality: where the well will be drilled, adjacent to the well, or within 3000 feet		
Union Township, Washington County		Jefferson Hills Borough, Allegheny County		
Finleyville Borough, Washington County		Forward Township, Allegheny County		
New Eagle Borough, Washington County		Coal related parties		
Carroll Township, Washington County		Mary Morrison - Owner - All Seams		
Nottingham Township, Washington County		Anna J. Krebs - Owner - All Seams		
Peters Township, Washington County				
Bethel Park Borough, Allegheny County				
South Park Township, Allegheny County				

WELL LOCATION PLAT

Page 2(b) Notifications

DEP Statewide toll-free phone number for reporting cases of water contamination which may be associated with development of oil and gas resources is 1-866-255-5158.

Applicant / Well Operator Name EQT Production Company	DEP ID# 146983	Well (Farm) Name Caton	Well # 13H	Serial #
Surface Landowner / Lessor: Edward H. Caton & Amy Troy-Caton		Angle & Course of Deviation (Drilling): N21° 05' 42"W 14,382'	Anticipated True Vertical Depth Feet (TVD): 7,480'	Anticipated Total Measured Depth Feet (TMD): 22,187'
Target Formation(s): Marcellus		Deepest Formation to be penetrated: Marcellus	Number of laterals: 1	Total footage to be drilled all laterals: 22,187'
Surface Owner/Water Purveyor w/Water Supply within 1000'/3000'		Latitude Longitude of Water Supply		
21) Jared Evan Madaras		40.248599	-79.973212	
22) William G. & Paula Wilson		40.249823	-79.971410	
23) Scott & Patricia M. Rogers		40.250325	-79.970754	
24) Scott & Patricia M. Rogers		40.250142	-79.970369	
25) Scott & Patricia M. Rogers		40.250410	-79.970527	
26) Richard D. & Bethany L. Jurofcik		40.249750	-79.969434	
27) George & Stephanie Martin		40.249718	-79.970235	
28) James R. & Deborah J. Connell		40.248826	-79.971841	
29) Brenda Caserta Frankfort & William Daniel Frankfort		40.247918	-79.972735	
30) Brenda Caserta Frankfort & William Daniel Frankfort		40.247403	-79.973673	
31) Brenda Caserta Frankfort & William Daniel Frankfort		40.247698	-79.972587	
32) Lauren Nicole Gouger		40.247033	-79.972340	
33) Jeffrey E. Bett & Janet L. Spreha		40.247606	-79.971764	
34) Jeff T. & Gina M. Fox		40.250465	-79.968836	
35) John P. & Andrea M. Hruby		40.249890	-79.967571	
36) John Edward Maxton II		40.246505	-79.968144	
37) Walter & Rosemarie Scheller		40.246070	-79.969350	
38) Walter & Rosemarie Scheller		40.245873	-79.969668	
39) Christopher Michael & Maria J. Capicotto		40.246713	-79.970745	
40) Donald Krapp & Margaret Doerr		40.246323	-79.971944	
41) Chad T. & Lisa L. Buczynski		40.246067	-79.972473	
42) Nicola A. Diliscia, Sr.		40.244943	-79.972040	
43) Nicola A. Diliscia, Sr.		40.244932	-79.970928	
44) Nicola A. Diliscia, Sr.		40.244445	-79.970350	
45) Hary A. Castor, III		40.243369	-79.975226	
46) Sandra Ann Fosbrink and Charles E. David		40.244383	-79.975506	
47) Ross H. Geracitano		40.245070	-79.975319	
48) Ronald R. Ross		40.245387	-79.975256	
49) Ronald R. Ross		40.245406	-79.975200	

WELL LOCATION PLAT

Page 2(c) Notifications

DEP Statewide toll-free phone number for reporting cases of water contamination which may be associated with development of oil and gas resources is 1-866-255-5158.

Applicant / Well Operator Name EQT Production Company	DEP ID# 146983	Well (Farm) Name Caton	Well # 13H	Serial #
Surface Landowner / Lessor: Edward H. Caton & Amy Troy-Caton		Angle & Course of Deviation (Drilling): N21° 05' 42"W 14,382'	Anticipated True Vertical Depth Feet (TVD): 7,480'	Anticipated Total Measured Depth Feet (TMD): 22,187'
Target Formation(s): Marcellus		Deepest Formation to be penetrated: Marcellus	Number of laterals: 1	Total footage to be drilled all laterals: 22,187'
Surface Owner/Water Purveyor w/Water Supply within 1000'/3000'		Latitude Longitude of Water Supply		
50) James V. Miller		40.245975	-79.975772	
51) Thomas & Lisa Manion		40.246023	-79.975150	
52) Pamela Lynn Koscho		40.246103	-79.976337	
53) Ronald Jack Barwell		40.246188	-79.976518	
54) Jon B. & Karen Madaras		40.246824	-79.977056	
55) Joseph P. & Joanne Markiewicz		40.247128	-79.976680	
56) Albert H., Sr. & Jamee L. Powell		40.250647	-79.978507	
57) Martin W. & Celine Dowling		40.250964	-79.978642	
58) Martin W. & Celine Dowling		40.251791	-79.978733	
59) Martin W. & Celine Dowling		40.253419	-79.979648	
60) George L. & Marianne Hostovich		40.251974	-79.985465	
61) Warren B. Fawcett and Robert T. Fawcett		40.251343	-79.985428	
62) Warren B. Fawcett and Robert T. Fawcett		40.251299	-79.986078	
63) Dana M. Adametz		40.250266	-79.985562	
64) Thomas R. Manion		40.248467	-79.986071	
65) Thomas R. Manion		40.248070	-79.986442	
66) Thomas R. Manion		40.248157	-79.986072	
67) Anthony P., Jr. & Joanne Zusinas		40.247902	-79.986463	
68) The Jaki Family Revocable Living Trust		40.247813	-79.985671	
69) The Jaki Family Revocable Living Trust		40.247425	-79.985061	
70) The Jaki Family Revocable Living Trust		40.246444	-79.984619	
71) Samuel G. Calderone & Barbara L. Calderone, Trustees		40.244453	-79.983432	
72) Samuel G. Calderone & Barbara L. Calderone, Trustees		40.244027	-79.982259	
73) Samuel G. Calderone & Barbara L. Calderone, Trustees		40.243741	-79.981759	
74) Samuel G. Calderone & Barbara L. Calderone, Trustees		40.243925	-79.980924	
75) Beth A. Henderson		40.252743	-79.969231	
76) Tracy Miller & Pamela J. Miller		40.252305	-79.969079	
77) Tracy Miller & Pamela J. Miller		40.252474	-79.968889	
78) Michael B. & Kimberly A. Barna		40.252413	-79.968356	

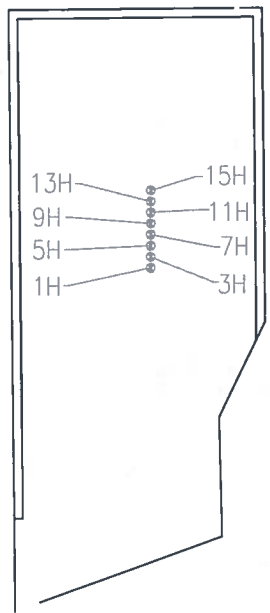
WELL LOCATION PLAT

PAGE 3 Plan View of Deviated Well Bore

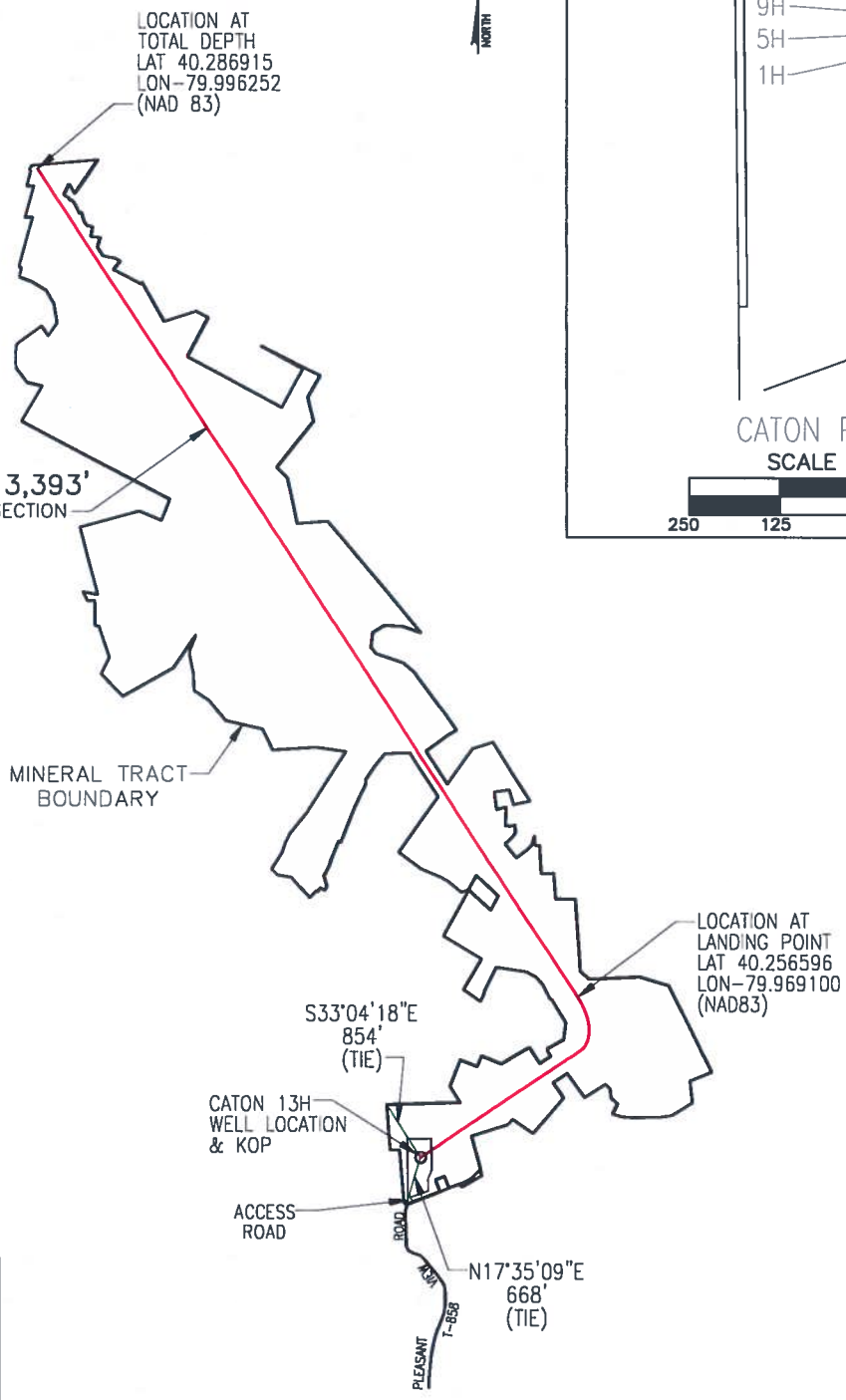
Applicant / Well Operator Name: EQT Production Company	DEP ID#: 146983	Well (Farm) Name: Caton	Well #: 13H
--	---------------------------	-----------------------------------	-----------------------

SHL True Latitude 40.250454
SHL True Longitude -79.976491

Horizontal Coordinate System:
NAD 83



CATON PAD LAYOUT
SCALE 1" = 250'



AZ=N33°00'00"W 13,393'
PROPOSED HORIZONTAL SECTION

MINERAL TRACT
BOUNDARY

LOCATION AT
LANDING POINT
LAT 40.256596
LON -79.969100
(NAD83)

S33°04'18"E
854'
(TIE)

CATON 13H
WELL LOCATION
& KOP

ACCESS
ROAD

N17°35'09"E
668'
(TIE)

NAD 27 Coordinates	
Tophole	
LAT	40.250384
LON	-79.976718
Landing	
LAT	40.256526
LON	-79.969327
Bottomhole	
LAT	40.286845
LON	-79.996478

TOTAL MINERAL TRACT
ACREAGE 716.46 Ac.
EXISTING SURFACE ELEVATION- 1120± FT.

SCALE 1" = 2500'




WELL LOCATION PLAT

PAGE 4 Well Plan

DEP Use Only	Permit #
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Applicant / Well Operator Name: EQT PRODUCTION COMPANY	DEP ID#: 146983	Well (Farm) Name: Caton	Well #: 13H
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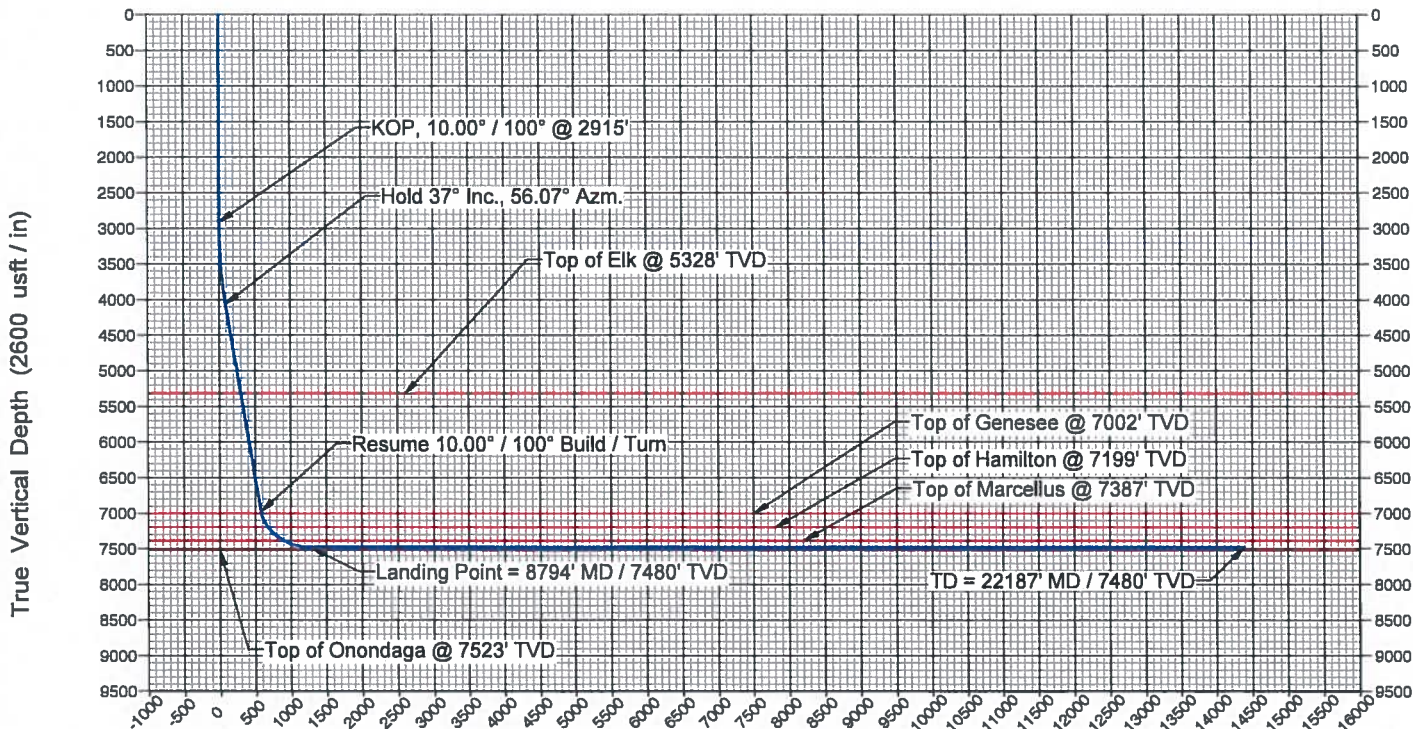
	TVD	TMD	Latitude	Longitude
KOP :	2,915'	2,915'	40.250454	-79.976491
Landing Point :	7,480'	8,794'	40.256596	-79.969100
Projected Bottom Hole :	7,480'	22,187'	40.286915	-79.996252



Azimuths to Grid North
Magnetic North : -9.43

Magnetic Field
Strength : 51,580.20
Dip Angle : 66.66
Date : 12/13/2023
Model : IGRF2015

NAD 83



Vertical Section at 338.91° (2600 usft / in)



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS MANAGEMENT

WELL LOCATION PLAT

PAGE 1 Surface Location

Auth ID #:	G:
Permit #:	
Project #:	C:

SHL True Latitude
40.250495

SHL True Longitude
-79.976492

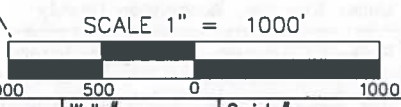
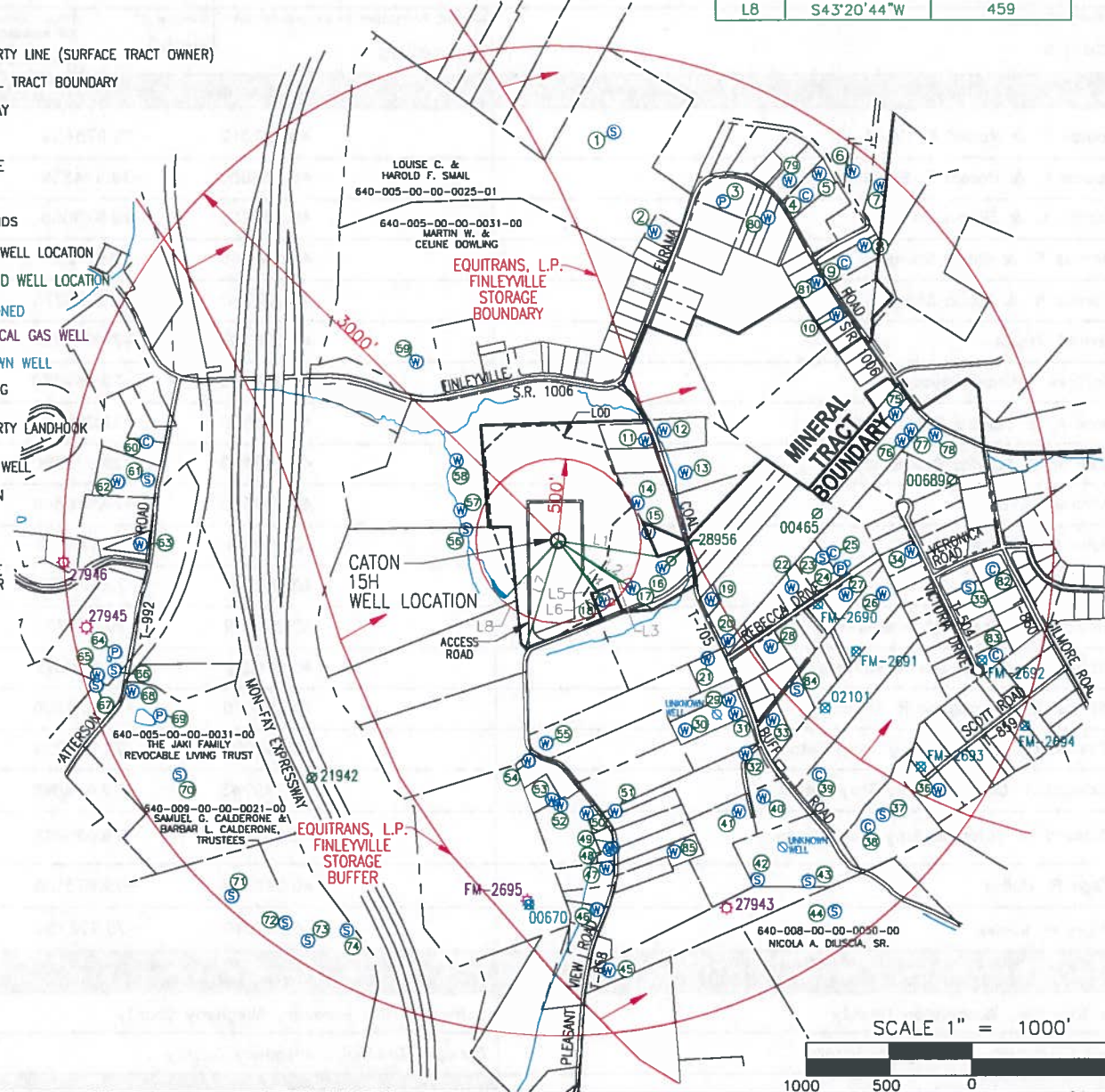
NOTES:
THE PURPOSE OF THIS PLAT IS FOR THE LOCATION OF A PROPOSED GAS WELL AND DOES NOT REPRESENT A CLOSED BOUNDARY SURVEY. PROPERTY LINES AND OWNERS WERE OBTAINED FROM VARIOUS FIELD EVIDENCE, TAX RECORDS, AND AERIAL MAPPING.
THERE ARE NO COAL MINES WITHIN 1000 FEET OF PROPOSED WELL LOCATION.

LINE	BEARING	DISTANCE (FEET)
L1	N81°03'50"W	608
L2	S57°28'03"E	530
L3	S56°16'12"E	447
L4	S38°06'05"E	407
L5	S36°43'02"E	449
L6	N36°41'53"E	457
L7	N17°12'19"E	683
L8	S43°20'44"W	459

Horizontal Coordinate System:
NAD 83

LEGEND

- PROPERTY LINE (SURFACE TRACT OWNER)
- MINERAL TRACT BOUNDARY
- ROADWAY
- STREAM
- TIE LINE
- - - LOD
- WETLANDS
- ⊕ ACTIVE WELL LOCATION
- ⊗ PLUGGED WELL LOCATION
- ⊘ ABANDONED
- ⊙ HISTORICAL GAS WELL
- ⊚ UNKNOWN WELL
- BUILDING
- ⌚ PROPERTY LANDHOOK
- ⊙ W WATER WELL
- ⊙ C CISTERN
- ⊙ S SPRING
- ⊙ I WATER SOURCE NUMBER



Applicant / Well Operator Name: EQT Production Company		DEP ID#: 146983	Well (Farm) Name: Caton		Well #: 15H	Serial #:
Address: 400 Woodcliff Drive, Canonsburg, PA 15317			County: Washington	Municipality: Union Township	Well Type: Gas	
911 address of well site: 265 Pleasantville Road, Finleyville, PA, 15332			USGS 7 1/2' Quadrangle Map Name: Glassport	Map Section: 7	Surface Elevation: 1120± ft.	
Surveyor or Engineer: MATTHEW M. FLAUS, PLS	Phone #: (412) 278-2100	Dwg #:	Date: 01/22/2024	Scale: 1"=1000'	Unit Acreage: 918.66	
Lat & Long Metadata Method: GPS	Accuracy: 3± ft.	Datum: NAD 83	Elevation Metadata Method: GPS	Accuracy: 5± ft.	Datum: NAVD 88	Survey Date: 06/16/2016

WELL LOCATION PLAT

Page 2(a) Notifications

DEP Statewide toll-free phone number for reporting cases of water contamination which may be associated with development of oil and gas resources is 1-866-255-5158.

Applicant / Well Operator Name EQT Production Company	DEP ID# 146983	Well (Farm) Name Caton	Well # 15H	Serial #
Surface Landowner / Lessor: Edward H. Caton & Amy Troy-Caton		Angle & Course of Deviation (Drilling): N16° 38' 27"W 14,055'	Anticipated True Vertical Depth Feet (TVD): 7,480'	Anticipated Total Measured Depth Feet (TMD): 22,358'
Target Formation(s): Marcellus		Deepest Formation to be penetrated: Marcellus	Number of laterals:†	Total footage to be drilled all laterals: 22,358'
Surface Owner/Water Purveyor w/Water Supply within 1000'/3000'		Latitude Longitude of Water Supply		
1) Louise C. & Harold F. Small		40.257319	-79.975459	
2) Louise C. & Harold F. Small		40.255680	-79.974539	
3) Donald L. & Eliza L. Martik		40.256206	-79.973058	
4) Marcus R. & Gloria Sturges		40.256345	-79.971252	
5) Marcus R. & Gloria Sturges		40.256710	-79.970978	
6) Donald Maggs		40.256763	-79.970254	
7) Matthew Michael Zayac		40.256540	-79.969650	
8) Mark A. & Sandra Rae Brandes		40.255538	-79.969973	
9) Mark A. & Sandra Rae Brandes		40.255240	-79.970400	
10) Michael D. Beres		40.254370	-79.970546	
11) John E. Shaffer, V		40.252211	-79.974643	
12) John E. Shaffer, V		40.252381	-79.974252	
13) David W. & Joann M. Kreutzer		40.251689	-79.973781	
14) Steven G. & Imogene R. Mahlberg		40.251158	-79.974805	
15) Steven G. & Imogene R. Mahlberg		40.250676	-79.974550	
16) Edward H. Caton & Amy Troy-Caton		40.250094	-79.974224	
17) Edward H. Caton & Amy Troy-Caton		40.249743	-79.974866	
18) Edward H. Caton & Amy Troy-Caton		40.249526	-79.975498	
19) Olga R. Hulley		40.249586	-79.973150	
20) Mary B. Karlek		40.248910	-79.972780	
Municipality: where the well will be drilled, adjacent to the well, or within 3000 feet		Municipality: where the well will be drilled, adjacent to the well, or within 3000 feet		
Union Township, Washington County		Jefferson Hills Borough, Allegheny County		
Finleyville Borough, Washington County		Forward Township, Allegheny County		
New Eagle Borough, Washington County		Coal related parties		
Carroll Township, Washington County		Mary Morrison - Owner - All Seams		
Nottingham Township, Washington County		Anna J. Krebs - Owner - All Seams		
Peters Township, Washington County				
Bethel Park Borough, Allegheny County				
South Park Township, Allegheny County				

WELL LOCATION PLAT

Page 2(b) Notifications

DEP Statewide toll-free phone number for reporting cases of water contamination which may be associated with development of oil and gas resources is 1-866-255-5158.

Applicant / Well Operator Name EQT Production Company	DEP ID# 146983	Well (Farm) Name Caton	Well # 15H	Serial #
Surface Landowner / Lessor: Edward H. Caton & Amy Troy-Caton		Angle & Course of Deviation (Drilling): N16° 38' 27"W 14,055'	Anticipated True Vertical Depth Feet (TVD): 7,480'	Anticipated Total Measured Depth Feet (TMD): 22,358'
Target Formation(s): Marcellus		Deepest Formation to be penetrated: Marcellus	Number of laterals: 1	Total footage to be drilled all laterals: 22,358'
Surface Owner/Water Purveyor w/Water Supply within 1000'/3000'		Latitude Longitude of Water Supply		
21) Jared Evan Madaras		40.248599	-79.973212	
22) William G. & Paula Wilson		40.249823	-79.971410	
23) Scott & Patricia M. Rogers		40.250325	-79.970754	
24) Scott & Patricia M. Rogers		40.250142	-79.970369	
25) Scott & Patricia M. Rogers		40.250410	-79.970527	
26) Richard D. & Bethany L. Jurofcik		40.249750	-79.969434	
27) George & Stephanie Martin		40.249718	-79.970235	
28) James R. & Deborah J. Connell		40.248826	-79.971841	
29) Brenda Caserta Frankfort & William Daniel Frankfort		40.247918	-79.972735	
30) Brenda Caserta Frankfort & William Daniel Frankfort		40.247403	-79.973673	
31) Brenda Caserta Frankfort & William Daniel Frankfort		40.247698	-79.972587	
32) Lauren Nicole Gouger		40.247033	-79.972340	
33) Jeffrey E. Bett & Janet L. Spreha		40.247606	-79.971764	
34) Jeff T. & Gina M. Fox		40.250465	-79.968836	
35) John P. & Andrea M. Hruby		40.249890	-79.967571	
36) John Edward Maxton II		40.246505	-79.968144	
37) Walter & Rosemarie Scheller		40.246070	-79.969350	
38) Walter & Rosemarie Scheller		40.245873	-79.969668	
39) Christopher Michael & Maria J. Capicotto		40.246713	-79.970745	
40) Donald Krapp & Margaret Doerr		40.246323	-79.971944	
41) Chad T. & Lisa L. Buczynski		40.246067	-79.972473	
42) Nicola A. Diliscia, Sr.		40.244943	-79.972040	
43) Nicola A. Diliscia, Sr.		40.244932	-79.970928	
44) Nicola A. Diliscia, Sr.		40.244445	-79.970350	
45) Hary A. Castor, III		40.243369	-79.975226	
46) Sandra Ann Fosbrink and Charles E. David		40.244383	-79.975506	
47) Ross H. Geracitano		40.245070	-79.975319	
48) Ronald R. Ross		40.245387	-79.975256	
49) Ronald R. Ross		40.245406	-79.975200	

WELL LOCATION PLAT

Page 2(c) Notifications

DEP Statewide toll-free phone number for reporting cases of water contamination which may be associated with development of oil and gas resources is 1-866-255-5158.

Applicant / Well Operator Name EQT Production Company	DEP ID# 146983	Well (Farm) Name Caton	Well # 15H	Serial #
Surface Landowner / Lessor: Edward H. Caton & Amy Troy-Caton		Angle & Course of Deviation (Drilling): N16° 38' 27"W 14,055'	Anticipated True Vertical Depth Feet (TVD): 7,480'	Anticipated Total Measured Depth Feet (TMD): 22,358'
Target Formation(s): Marcellus		Deepest Formation to be penetrated: Marcellus	Number of laterals: 1	Total footage to be drilled all laterals: 22,358'
Surface Owner/Water Purveyor w/Water Supply within 1000'/3000'		Latitude Longitude of Water Supply		
50) James V. Miller		40.245975	-79.975772	
51) Thomas & Lisa Manion		40.246023	-79.975150	
52) Pamela Lynn Koscho		40.246103	-79.976337	
53) Ronald Jack Barwell		40.246188	-79.976518	
54) Jon B. & Karen Madaras		40.246824	-79.977056	
55) Joseph P. & Joanne Markiewicz		40.247128	-79.976680	
56) Albert H., Sr. & Jamee L. Powell		40.250647	-79.978507	
57) Martin W. & Celine Dowling		40.250964	-79.978642	
58) Martin W. & Celine Dowling		40.251791	-79.978733	
59) Martin W. & Celine Dowling		40.253419	-79.979648	
60) George L. & Marianne Hostovich		40.251974	-79.985465	
61) Warren B. Fawcett and Robert T. Fawcett		40.251343	-79.985428	
62) Warren B. Fawcett and Robert T. Fawcett		40.251299	-79.986078	
63) Dana M. Adametz		40.250266	-79.985562	
64) Thomas R. Manion		40.248467	-79.986071	
65) Thomas R. Manion		40.248070	-79.986442	
66) Thomas R. Manion		40.248157	-79.986072	
67) Anthony P., Jr. & Joanne Zusinas		40.247902	-79.986463	
68) The Jaki Family Revocable Living Trust		40.247813	-79.985671	
69) The Jaki Family Revocable Living Trust		40.247425	-79.985061	
70) The Jaki Family Revocable Living Trust		40.246444	-79.984619	
71) Samuel G. Calerone & Barbara L. Calderone, Trustees		40.244453	-79.983432	
72) Samuel G. Calerone & Barbara L. Calderone, Trustees		40.244027	-79.982259	
73) Samuel G. Calerone & Barbara L. Calderone, Trustees		40.243741	-79.981759	
74) Samuel G. Calerone & Barbara L. Calderone, Trustees		40.243925	-79.980924	
75) Beth A. Henderson		40.252743	-79.969231	
76) Tracy Miller & Pamela J. Miller		40.252305	-79.969079	
77) Tracy Miller & Pamela J. Miller		40.252474	-79.968889	
78) Michael B. & Kimberly A. Barna		40.252413	-79.968356	

WELL LOCATION PLAT

PAGE 3 Plan View of Deviated Well Bore

Applicant / Well Operator Name: EQT Production Company	DEP ID#: 146983	Well (Farm) Name: Caton	Well #: 15H
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SHL True Latitude
40.250495

SHL True Longitude
-79.976492

Horizontal Coordinate System:
NAD 83

LOCATION AT TOTAL DEPTH
LAT 40.287169
LON -79.992132
(NAD 83)

AZ=N33°00'00"W 13,149'
PROPOSED HORIZONTAL SECTION

MINERAL TRACT BOUNDARY

CATON 15H WELL LOCATION & KOP

ACCESS ROAD

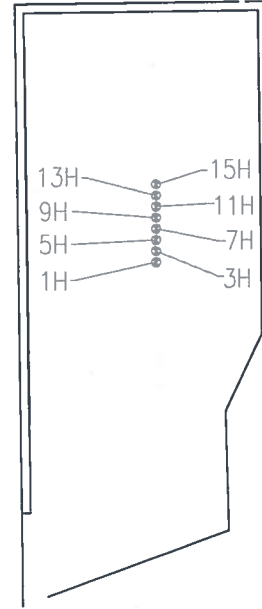
N81°03'50"W
608'
(TIE)

N17°12'19"E
683'
(TIE)

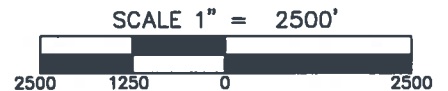
LOCATION AT LANDING POINT
LAT 40.257443
LON -79.965513
(NAD83)

NAD 27 Coordinates	
Tophole	
LAT	40.250425
LON	-79.976719
Landing	
LAT	40.257373
LON	-79.965740
Bottomhole	
LAT	40.287099
LON	-79.992358

TOTAL MINERAL TRACT
ACREAGE 918.66 Ac.
EXISTING SURFACE ELEVATION- 1120± FT.



CATON PAD LAYOUT
SCALE 1" = 250'



WELL LOCATION PLAT

PAGE 4 Well Plan

DEP Use Only	Permit #
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Applicant / Well Operator Name: EQT PRODUCTION COMPANY	DEP ID#: 146983	Well (Farm) Name: Caton	Well #: 15H
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	TVD	TMD	Latitude	Longitude
KOP :	1,400'	1,400'	40.250495	-79.976492
Landing Point :	7,480'	9,209'	40.257443	-79.965513
Projected Bottom Hole :	7,480'	22,358'	40.287169	-79.992132

G
↑
M

Azimuths to Grid North
Magnetic North : -9.43

Magnetic Field
Strength : 51,580.23
Dip Angle : 66.66
Date : 12/13/2023
Model : IGRF2015

NAD 83

