



EQT PRODUCTION COMPANY
400 Woodcliff Drive | Canonsburg, PA 15317

April 18, 2024

PETERS TOWNSHIP, WASHINGTON COUNTY
245 EAST MCMURRAY ROAD
MCMURRAY, PA 15317

**RE: Permit Application to Drill
Proposed Sarah 1H, 3H, 5H, 7H, 9H
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 **Sarah 1H, 3H, 5H, 7H, 9H 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 #	G:
Permit #	C:
Project #	C:

SHL True Latitude
40.257940

SHL True Longitude
-79.945233

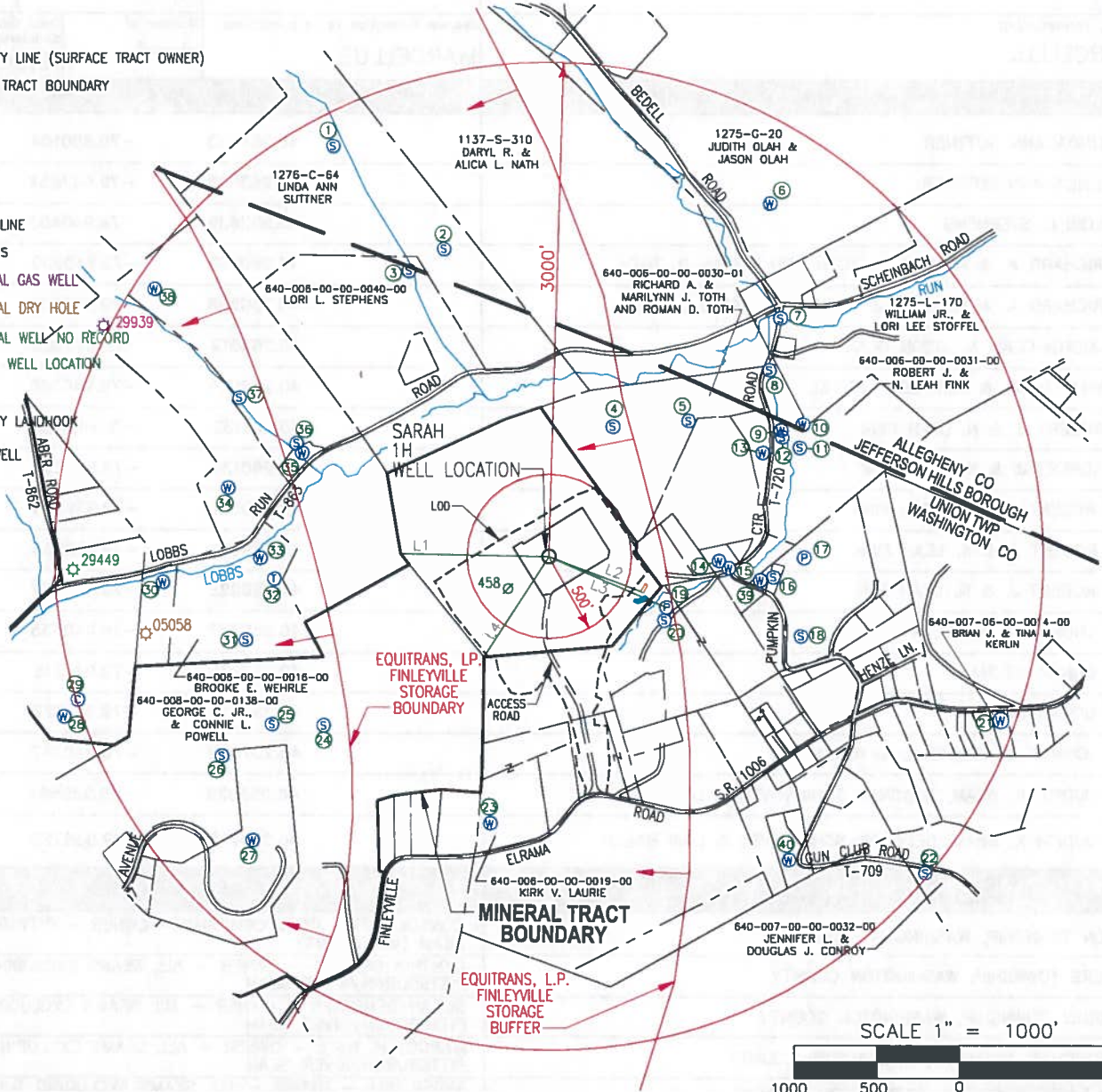
NOTES:
THE PURPOSE OF THIS PLAT IS FOR THE LOCATION OF A PROPOSED GAS WELL AND DOES NOT REPRESENT A CLOSED BOUNDARY SURVEY. PROPERTY LINES AND OWNERS WERE OBTAINED FROM VARIOUS FIELD EVIDENCE, TAX RECORDS, AND AERIAL MAPPING.
NO STRUCTURES EXIST WITHIN 500 FEET OF PROPOSED WELL LOCATION.
THERE ARE NO COAL MINES WITHIN 3000' OF PROPOSED WELL LOCATION.

LINE	BEARING	DISTANCE (FEET)
L1	S89°00'18"E	900
L2	S69°05'19"E	592
L3	S66°28'28"E	772
L4	N33°09'51"E	728

Horizontal Coordinate System:
NAD 83

LEGEND

- PROPERTY LINE (SURFACE TRACT OWNER)
- MINERAL TRACT BOUNDARY
- ROADWAY
- STREAM
- TIE LINE
- - - LOD
- - - COUNTY LINE
- WETLANDS
- ⊙ HISTORICAL GAS WELL
- ⊙ HISTORICAL DRY HOLE
- ⊙ HISTORICAL WELL NO RECORD
- ⊙ PLUGGED WELL LOCATION
- BUILDING
- ⌚ PROPERTY LANDHOOK
- ⊙ WATER WELL
- ⊙ TANK
- ⊙ SPRING
- ⊙ CISTERN
- ⊙ POND
- ① WATER SOURCE NUMBER



Applicant / Well Operator Name: EQT Production Company		DEP ID#: 146983	Well (Farm) Name: SARAH		Well #: 1H	Serial #:
Address: 400 WOODCLIFF DRIVE, CANONSBURG, PA 15317			County: WASHINGTON	Municipality: UNION TOWNSHIP	Well Type: GAS	
911 address of well site: 4371 FINLEYVILLE ELRAMA ROAD, FINLEYVILLE, PA 15332			USGS 7 1/2' Quadrangle Map Name: GLASSPORT, PA	Map Section: 8	Surface Elevation: 1120± ft.	
Surveyor or Engineer: Matthew M. Flaus, PLS	Phone #: (412) 278-2100	Dwg #:	Date: 04/10/2024	Scale: 1"=1000'	Unit Acreage: 551.62	
Lat & Long Metadata Method: GPS	Accuracy: 3± ft.	Datum: NAD 83	Elevation Metadata Method: GPS	Accuracy: 5± ft.	Datum: NAVD 88	Survey Date: 08/18/2016

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 SARAH	Well # 1H	Serial #
Surface Landowner / Lessor: SARAH BICKERTON		Angle & Course of Deviation (Drilling): N52° 16' 54"W 11,420'	Anticipated True Vertical Depth Feet (TVD): 7,545'	Anticipated Total Measured Depth Feet (TMD): 19,603'
Target Formation(s): MARCELLUS		Deepest Formation to be penetrated: MARCELLUS	Number of laterals: 1	Total footage to be drilled all laterals: 19,603'
Surface Owner/Water Purveyor w/Water Supply within 1000'/3000'		Latitude Longitude of Water Supply		
1) LINDA ANN SUTTNER		40.264683 -79.950104		
2) LINDA ANN SUTTNER		40.263022 -79.947654		
3) LORI L. STEPHENS		40.262639 -79.948403		
4) RICHARD A. & MARILYN J. TOTH AND ROMAN D. TOTH		40.260132 -79.943909		
5) RICHARD A. & MARILYN J. TOTH AND ROMAN D. TOTH		40.260258 -79.942267		
6) JUDITH OLAH & JASON OLAH		40.263919 -79.940580		
7) WILLIAM JR. & LORI LEE STOFFEL		40.262005 -79.940308		
8) ROBERT J. & N. LEAH FINK		40.261139 -79.940528		
9) ROBERT J. & N. LEAH FINK		40.260139 -79.940250		
10) ROBERT J. & N. LEAH FINK		40.260251 -79.939774		
11) ROBERT J. & N. LEAH FINK		40.259861 -79.939833		
12) ROBERT J. & N. LEAH FINK		40.260028 -79.940222		
13) THOMAS W. REESE JR.		40.259757 -79.940635		
14) DONNA DZUBAY		40.257935 -79.941546		
15) DONNA DZUBAY		40.257822 -79.941327		
16) JOHN R. & CONNIE L. BAYNHAM		40.257690 -79.940347		
17) JUDITH K. BEAM, DEBORAH SCHINKOVEC & LORI HAECK		40.258028 -79.939694		
18) JUDITH K. BEAM, DEBORAH SCHINKOVEC & LORI HAECK		40.256718 -79.939725		
Municipality: where the well will be drilled, adjacent to the well, or within 3000 feet		Coal related parties		
UNION TOWNSHIP, WASHINGTON COUNTY		CONSOLIDATION COAL COMPANY - OWNER - PITTSBURGH SEAM (MINED OUT)		
PETERS TOWNSHIP, WASHINGTON COUNTY		CYNTHIA BRANCH - OWNER - ALL SEAMS EXCLUDING THE PITTSBURGH/RIVER SEAM		
CARROLL TOWNSHIP, WASHINGTON COUNTY		SUSAN DEMPSTER - OWNER - ALL SEAMS EXCLUDING THE PITTSBURGH/RIVER SEAM		
NOTTINGHAM TOWNSHIP, WASHINGTON COUNTY		MARGOT H. BALL - OWNER - ALL SEAMS EXCLUDING THE PITTSBURGH/RIVER SEAM		
NEW EAGLE BOROUGH, WASHINGTON COUNTY		RYDER HILL - OWNER - ALL SEAMS EXCLUDING THE PITTSBURGH/RIVER SEAM		
FINLEYVILLE BOROUGH, WASHINGTON COUNTY		NICOLA HILL - OWNER - ALL SEAMS EXCLUDING THE PITTSBURGH/RIVER SEAM		
BETHEL PARK BOROUGH, ALLEGHENY COUNTY		ADORA CLARK HILL - OWNER - ALL SEAMS EXCLUDING THE PITTSBURGH/RIVER SEAM		
JEFFERSON HILLS BOROUGH, ALLEGHENY COUNTY		CHRISTOPHER C. HILL - OWNER - ALL SEAMS EXCLUDING THE PITTSBURGH/RIVER SEAM		
SOUTH PARK TOWNSHIP, ALLEGHENY COUNTY				
FORWARD TOWNSHIP, ALLEGHENY COUNTY				

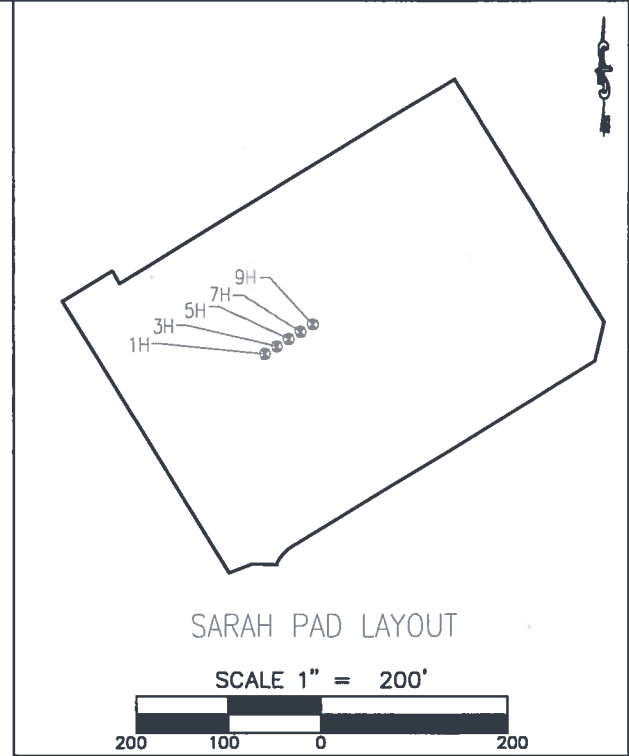
WELL LOCATION PLAT
PAGE 3 Plan View of Deviated Well Bore

Applicant / Well Operator Name: EQT Production Company	DEP ID#: 146983	Well (Farm) Name: SARAH	Well #: 1H
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SHL True Latitude
40.257940

SHL True Longitude
-79.945233

Horizontal Coordinate System:
NAD 83

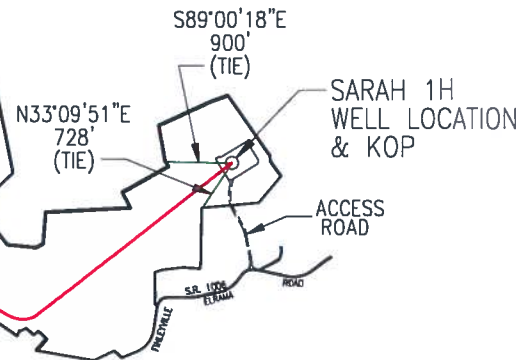


LOCATION AT
TOTAL DEPTH
LAT 40.276492
LON -79.978221
(NAD 83)

MINERAL TRACT
BOUNDARY

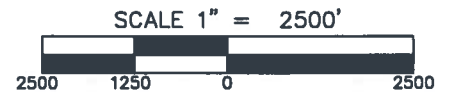
AZ = N33°00'00"W 10,430'
PROPOSED HORIZONTAL SECTION

LOCATION AT
LANDING POINT
LAT 40.252877
LON -79.957083
(NAD83)



NAD 27 Coordinates	
Tophole	
LAT	40.257870
LON	-79.945461
Landing	
LAT	40.252807
LON	-79.957311
Bottomhole	
LAT	40.276422
LON	-79.978448

TOTAL MINERAL TRACT
ACREAGE 551.62 Ac.
EXISTING SURFACE ELEVATION - 1120± FT.




WELL LOCATION PLAT

DEP Use Only	Permit #
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PAGE 4 Well Plan

Applicant / Well Operator Name: EQT PRODUCTION COMPANY	DEP ID#: 146983	Well (Farm) Name: SARAH	Well #: 1H
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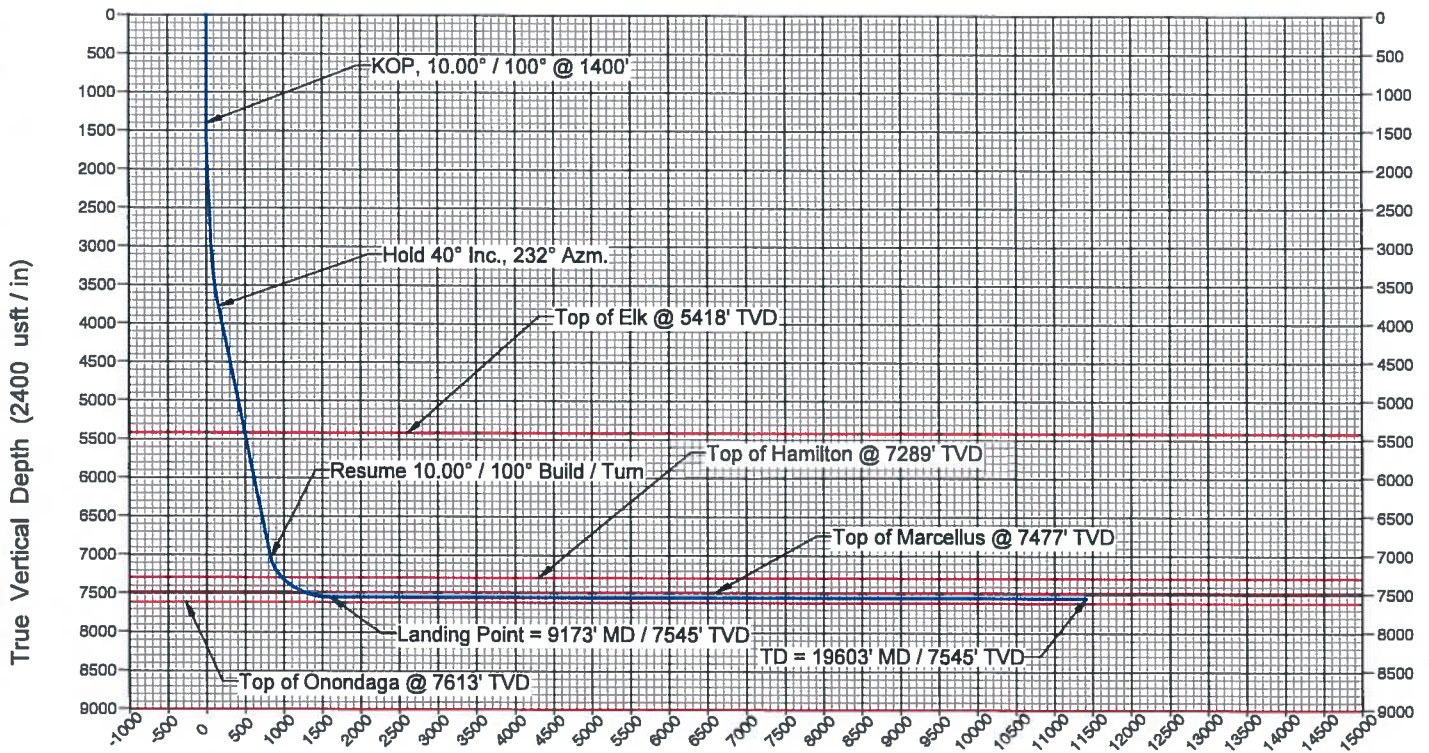
	TVD	TMD	Latitude	Longitude
KOP :	1,400'	1,400'	40.257940	-79.945233
Landing Point :	7,545'	9,173'	40.252877	-79.957083
Projected Bottom Hole :	7,545'	19,603'	40.276492	-79.978221



Azimuths to Grid North
Magnetic North : -9.40

Magnetic Field
Strength : 51,822.23
Dip Angle : 66.84
Date : 11/04/2021
Model : IGRF2015

NAD 83



Vertical Section at 307.72° (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
40.257963

SHL True Longitude
-79.945188

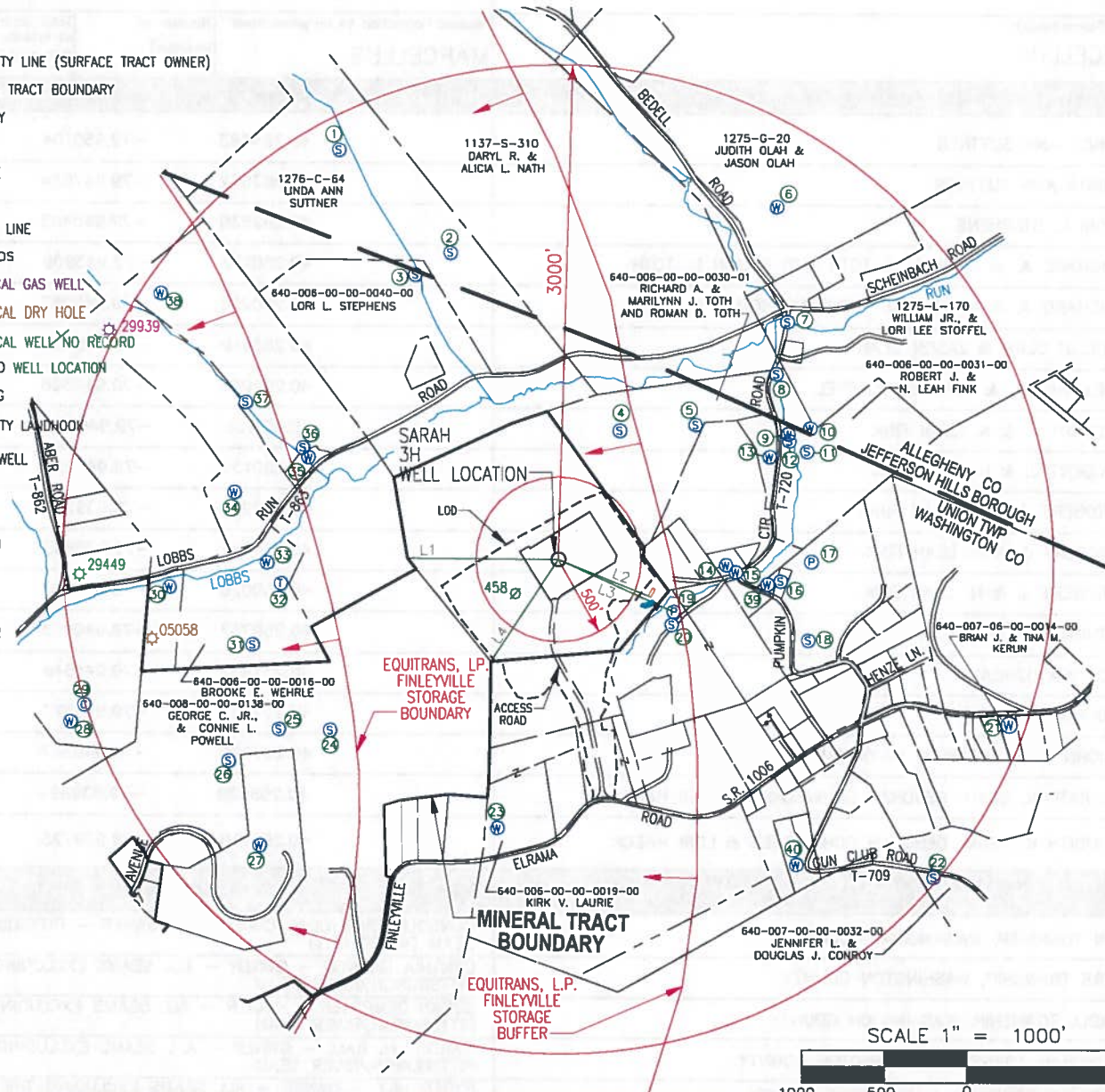
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NO STRUCTURES EXIST WITHIN 500 FEET OF PROPOSED WELL LOCATION.
THERE ARE NO COAL MINES WITHIN 3000' OF PROPOSED WELL LOCATION.

LINE	BEARING	DISTANCE (FEET)
L1	S89°30'47"E	912
L2	S67°55'08"E	583
L3	S65°33'03"E	764
L4	N33°39'27"E	742

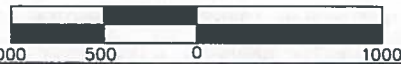
Horizontal Coordinate System:
NAD 83

LEGEND

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- ROADWAY
- STREAM
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- ⊙ HISTORICAL GAS WELL
- ⊙ HISTORICAL DRY HOLE
- ⊙ HISTORICAL WELL NO RECORD
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- BUILDING
- ↖ PROPERTY LANDHOOK
- ⊙ W WATER WELL
- ⊙ T TANK
- ⊙ S SPRING
- ⊙ C CISTERN
- ⊙ P POND
- ⊙ 1 WATER SOURCE NUMBER



SCALE 1" = 1000'



Applicant / Well Operator Name: EQT Production Company		DEP ID#: 146983	Well (Farm) Name: SARAH		Well #: 3H	Serial #:
Address: 400 WOODCLIFF DRIVE, CANONSBURG, PA 15317			County: WASHINGTON	Municipality: UNION TOWNSHIP	Well Type: GAS	
911 address of well site: 4371 FINLEYVILLE ELRAMA ROAD, FINLEYVILLE, PA 15332			USGS 7 1/2' Quadrangle Map Name: GLASSPORT, PA	Map Section: 8	Surface Elevation: 1120± ft.	
Surveyor or Engineer: Matthew M. Flaus, PLS	Phone #: (412) 278-2100	Dwg #:	Date: 04/10/2024	Scale: 1"=1000'	Unit Acreage: 572.54	
Lat & Long Metadata Method: GPS	Accuracy: 3± ft.	Datum: NAD 83	Elevation Metadata Method: GPS	Accuracy: 5± ft.	Datum: NAVD 88	Survey Date: 08/18/2016

WELL LOCATION PLAT

Page 2(a) Notifications

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Surface Landowner / Lessor: SARAH BICKERTON		Angle & Course of Deviation (Drilling): N43° 17' 17"W 15,600'	Anticipated True Vertical Depth Feet (TVD): 7,545'	Anticipated Total Measured Depth Feet (TMD): 23,845'
Target Formation(s): MARCELLUS		Deepest Formation to be penetrated: MARCELLUS	Number of laterals: 1	Total footage to be drilled all laterals: 23,845'
Surface Owner/Water Purveyor w/Water Supply within 1000'/3000'		Latitude Longitude of Water Supply		
1) LINDA ANN SUTTNER		40.264683	-79.950104	
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15) DONNA DZUBAY		40.257822	-79.941327	
16) JOHN R. & CONNIE L. BAYNHAM		40.257690	-79.940347	
17) JUDITH K. BEAM, DEBORAH SCHINKOVEC & LORI HAECK		40.258028	-79.939694	
18) JUDITH K. BEAM, DEBORAH SCHINKOVEC & LORI HAECK		40.256718	-79.939725	
Municipality: where the well will be drilled, adjacent to the well, or within 3000 feet		Goal related parties		
UNION TOWNSHIP, WASHINGTON COUNTY		CONSOLIDATION COAL COMPANY - OWNER - PITTSBURGH SEAM (MINED OUT)		
PETERS TOWNSHIP, WASHINGTON COUNTY		CYNTHIA BRANCH - OWNER - ALL SEAMS EXCLUDING THE PITTSBURGH/RIVER SEAM		
CARROLL TOWNSHIP, WASHINGTON COUNTY		SUSAN DEMPSTER - OWNER - ALL SEAMS EXCLUDING THE PITTSBURGH/RIVER SEAM		
NOTTINGHAM TOWNSHIP, WASHINGTON COUNTY		MARGOT H. BALL - OWNER - ALL SEAMS EXCLUDING THE PITTSBURGH/RIVER SEAM		
NEW EAGLE BOROUGH, WASHINGTON COUNTY		RYDER HILL - OWNER - ALL SEAMS EXCLUDING THE PITTSBURGH/RIVER SEAM		
FINLEYVILLE BOROUGH, WASHINGTON COUNTY		NICOLA HILL - OWNER - ALL SEAMS EXCLUDING THE PITTSBURGH/RIVER SEAM		
BETHEL PARK BOROUGH, ALLEGHENY COUNTY		ADORA CLARK HILL - OWNER - ALL SEAMS EXCLUDING THE PITTSBURGH/RIVER SEAM		
JEFFERSON HILLS BOROUGH, ALLEGHENY COUNTY		CHRISTOPHER C. HILL - OWNER - ALL SEAMS EXCLUDING THE PITTSBURGH/RIVER SEAM		
SOUTH PARK TOWNSHIP, ALLEGHENY COUNTY				
FORWARD 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 SARAH	Well # 3H	Serial #
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Surface Owner/Water Purveyor w/Water Supply within 1000'/3000'		Latitude Longitude of Water Supply		
19) JOHN A. JR., & KATHIE JO NEIDERMEYER		40.257143 -79.942669		
20) JOHN A. JR., & KATHIE JO NEIDERMEYER		40.256922 -79.942709		
21) BRIAN J. & TINA M. KERLIN		40.255397 -79.935345		
22) JENNIFER L. & DOUGLAS J. CONROY		40.252824 -79.936910		
23) KIRK V. LAURIE		40.253466 -79.946395		
24) GEORGE C. JR., & CONNIE L. POWELL		40.255026 -79.950053		
25) GEORGE C. JR., & CONNIE L. POWELL		40.255024 -79.951169		
26) GEORGE C. JR., & CONNIE L. POWELL		40.254475 -79.952241		
27) UNION TOWNSHIP		40.253082 -79.951539		
28) EQM GATHERING OPCO, LLC		40.255061 -79.955696		
29) EQM GATHERING OPCO, LLC		40.255346 -79.955404		
30) VICKI LYNNE RUMBAUGH		40.257346 -79.953599		
31) BROOKE E. WEHRLE		40.256418 -79.951779		
32) BROOKE E. WEHRLE		40.257451 -79.951191		
33) BROOKE E. WEHRLE		40.257790 -79.951500		
34) WILLIAM J. MATTES		40.258945 -79.952229		
35) JEFFREY A. & BARBARA L. CRAMER		40.259559 -79.950638		
36) RANDALL S. SKRINJORICH		40.259713 -79.950766		
37) RANDALL S. SKRINJORICH		40.260444 -79.952028		
38) RANDALL S. SKRINJORICH		40.262222 -79.953917		
39) TIMOTHY P. KING		40.257633 -79.940633		
40) THOMAS M. & MARIANNE COLA		40.252984 -79.939887		

WELL LOCATION PLAT

PAGE 3 Plan View of Deviated Well Bore

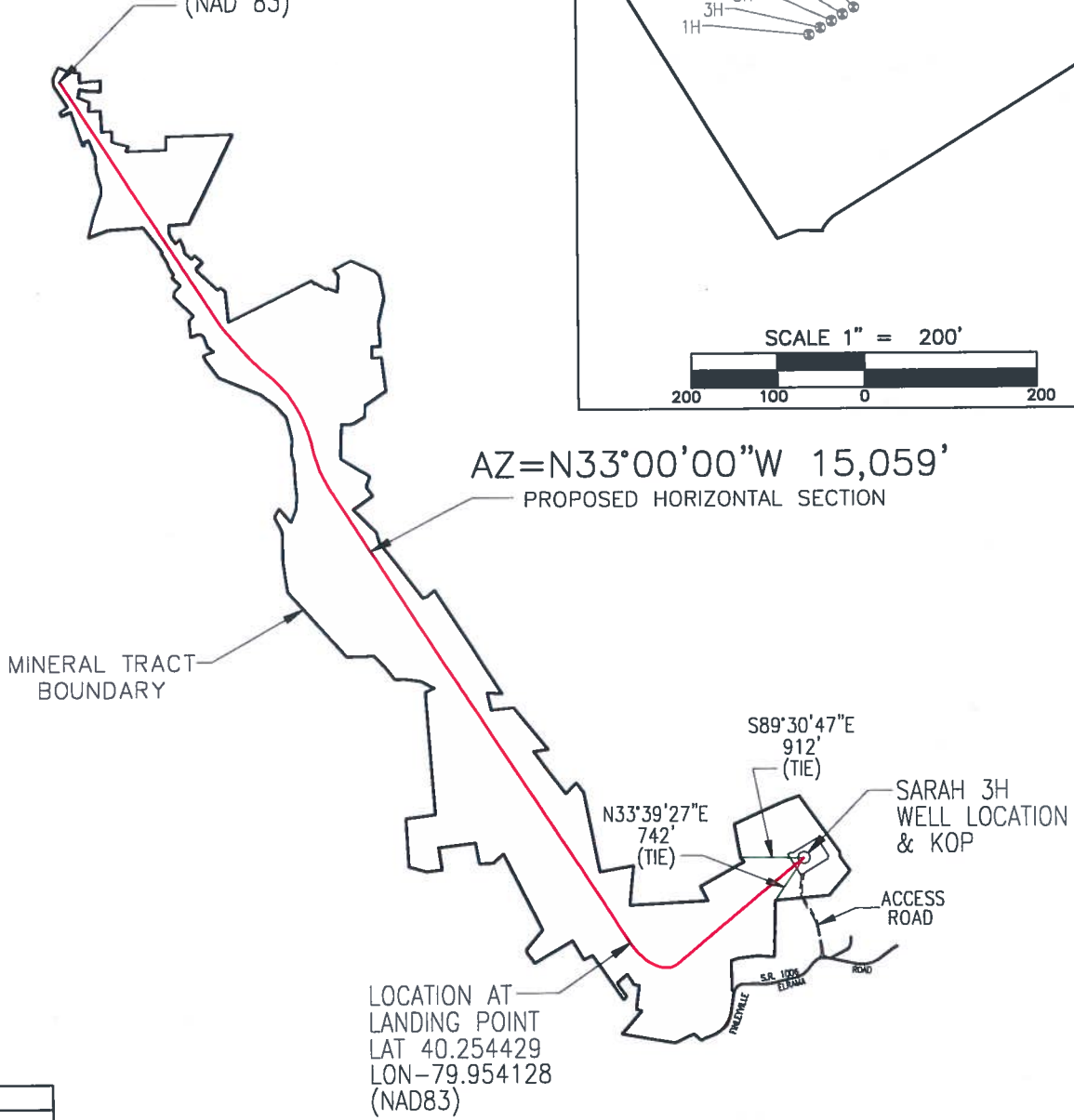
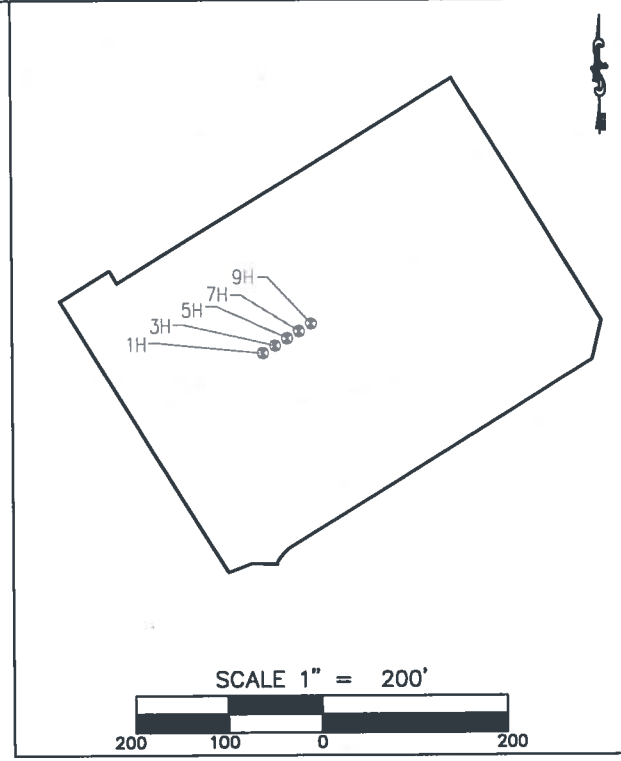
Applicant / Well Operator Name: EQT Production Company	DEP ID#: 146983	Well (Farm) Name: SARAH	Well #: 3H
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SHL True Latitude
40.257963

SHL True Longitude
-79.945188

Horizontal Coordinate System:
NAD 83

LOCATION AT
TOTAL DEPTH
LAT 40.288388
LON -79.984529
(NAD 83)



NAD 27 Coordinates	
Tophole	
LAT	40.257893
LON	-79.945416
Landing	
LAT	40.254359
LON	-79.954356
Bottomhole	
LAT	40.288318
LON	-79.984756

TOTAL MINERAL TRACT
ACREAGE 572.54 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: SARAH	Well #: 3H
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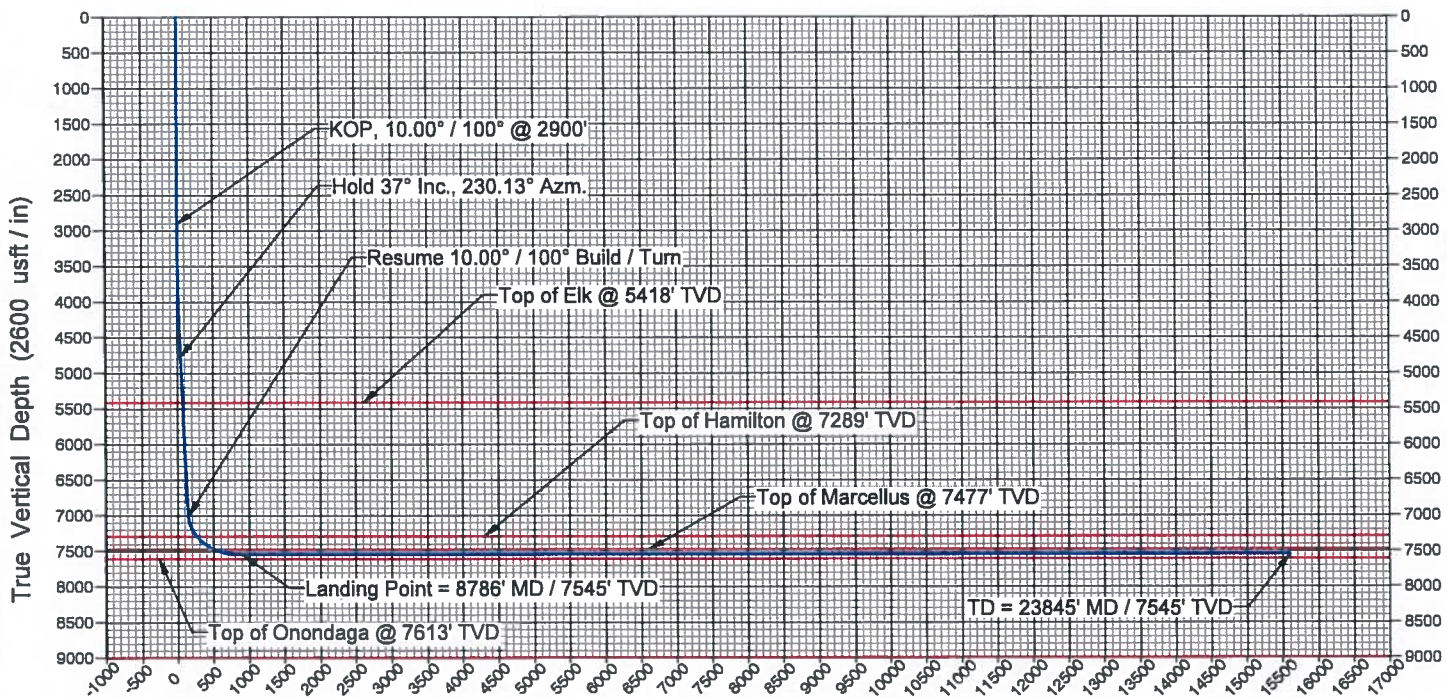
	TVD	TMD	Latitude	Longitude
KOP :	2,900'	2,900'	40.257963	-79.945188
Landing Point :	7,545'	8,786'	40.254429	-79.954128
Projected Bottom Hole :	7,545'	23,845'	40.288388	-79.984529

G
↑
M

Azimuths to Grid North
Magnetic North : -9.40

Magnetic Field
Strength : 51,822.24
Dip Angle : 66.84
Date : 11/04/2021
Model : IGRF2015

NAD 83



Vertical Section at 316.71° (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:
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Project #:	C:

SHL True Latitude
40.257985

SHL True Longitude
-79.945143

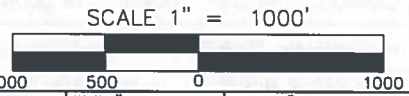
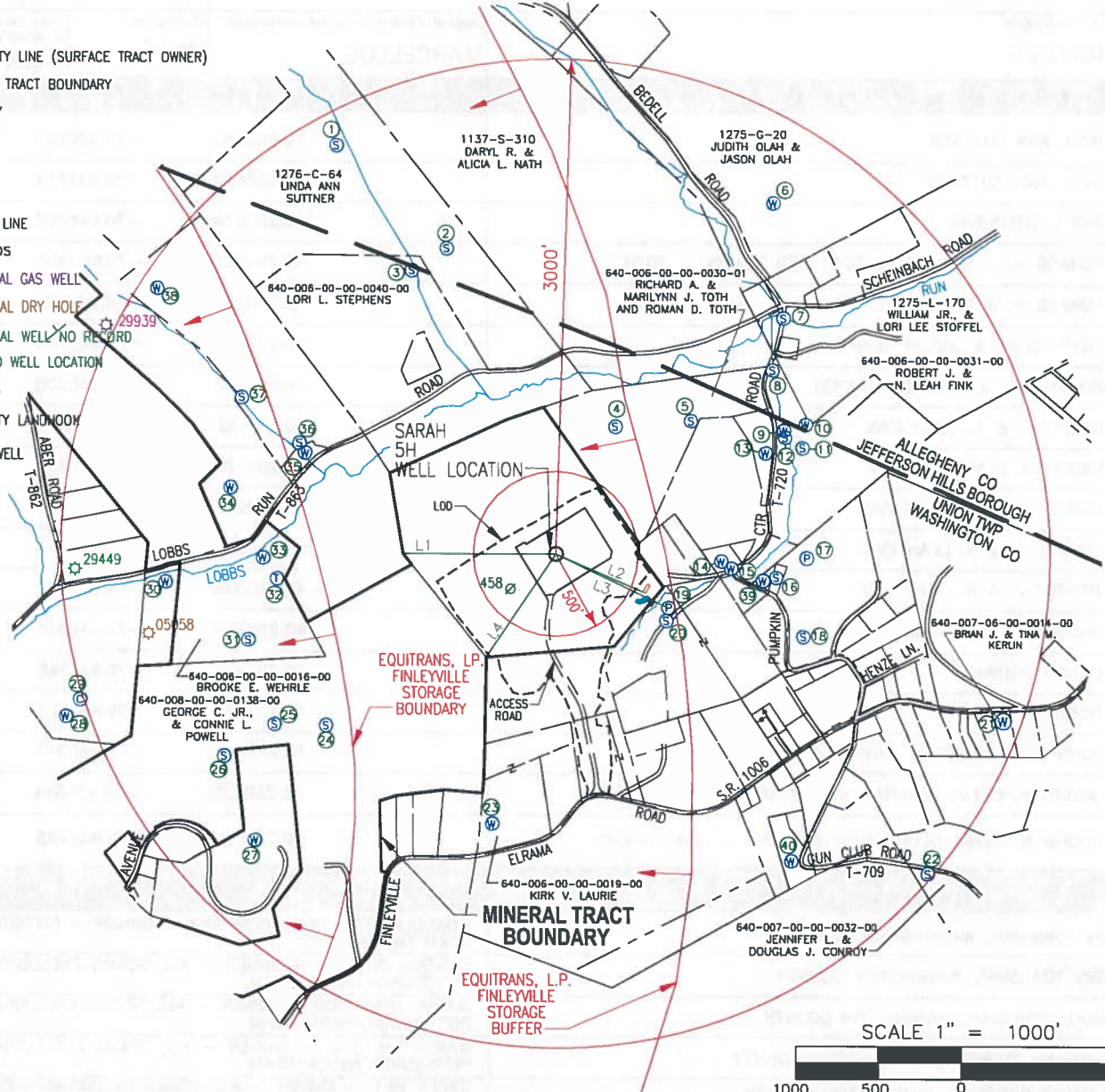
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THERE ARE NO COAL MINES WITHIN 3000' OF PROPOSED WELL LOCATION.

LINE	BEARING	DISTANCE (FEET)
L1	N89°59'34"E	925
L2	S66°42'45"E	575
L3	S64°36'24"E	756
L4	N34°07'58"E	755

Horizontal Coordinate System:
NAD 83

LEGEND

- PROPERTY LINE (SURFACE TRACT OWNER)
- MINERAL TRACT BOUNDARY
- == ROADWAY
- STREAM
- TIE LINE
- - - LOD
- - - COUNTY LINE
- WETLANDS
- ⊙ HISTORICAL GAS WELL
- ⊙ HISTORICAL DRY HOLE
- ⊙ HISTORICAL WELL NO RECORD
- ⊙ PLUGGED WELL LOCATION
- BUILDING
- ↑ PROPERTY LAND MOOR
- W WATER WELL
- T TANK
- S SPRING
- C CISTERN
- P POND
- 1 WATER SOURCE NUMBER



Applicant / Well Operator Name: EQT Production Company		DEP ID#: 146983	Well (Farm) Name: SARAH		Well #: 5H	Serial #:
Address: 400 WOODCLIFF DRIVE, CANONSBURG, PA 15317			County: WASHINGTON	Municipality: UNION TOWNSHIP	Well Type: GAS	
911 address of well site: 4371 FINLEYVILLE ELRAMA ROAD, FINLEYVILLE, PA 15332			USGS 7 1/2' Quadrangle Map Name: GLASSPORT, PA	Map Section: 8	Surface Elevation: 1120± ft.	
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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 SARAH	Well # 5H	Serial #
Surface Landowner / Lessor: SARAH BICKERTON		Angle & Course of Deviation (Drilling): N39° 41' 33"W 15,455'	Anticipated True Vertical Depth Feet (TVD): 7,545'	Anticipated Total Measured Depth Feet (TMD): 23,285'
Target Formation(s): MARCELLUS		Deepest Formation to be penetrated: MARCELLUS	Number of laterals: 1	Total footage to be drilled all laterals: 23,285'
Surface Owner/Water Purveyor w/Water Supply within 1000'/3000'		Latitude Longitude of Water Supply		
1) LINDA ANN SUTTNER		40.264683	-79.950104	
2) LINDA ANN SUTTNER		40.263022	-79.947654	
3) LORI L. STEPHENS		40.262639	-79.948403	
4) RICHARD A. & MARILYN J. TOTH AND ROMAN D. TOTH		40.260132	-79.943909	
5) RICHARD A. & MARILYN J. TOTH AND ROMAN D. TOTH		40.260258	-79.942267	
6) JUDITH OLAH & JASON OLAH		40.263919	-79.940580	
7) WILLIAM JR., & LORI LEE STOFFEL		40.262005	-79.940308	
8) ROBERT J. & N. LEAH FINK		40.261139	-79.940528	
9) ROBERT J. & N. LEAH FINK		40.260139	-79.940250	
10) ROBERT J. & N. LEAH FINK		40.260251	-79.939774	
11) ROBERT J. & N. LEAH FINK		40.259861	-79.939833	
12) ROBERT J. & N. LEAH FINK		40.260028	-79.940222	
13) THOMAS W. REESE JR.		40.259757	-79.940635	
14) DONNA DZUBAY		40.257935	-79.941546	
15) DONNA DZUBAY		40.257822	-79.941327	
16) JOHN R. & CONNIE L. BAYNHAM		40.257690	-79.940347	
17) JUDITH K. BEAM, DEBORAH SCHINKOVEC & LORI HAECK		40.258028	-79.939694	
18) JUDITH K. BEAM, DEBORAH SCHINKOVEC & LORI HAECK		40.256718	-79.939725	
Municipality: where the well will be drilled, adjacent to the well, or within 3000 feet		Coal related parties		
UNION TOWNSHIP, WASHINGTON COUNTY		CONSOLIDATION COAL COMPANY - OWNER - PITTSBURGH SEAM (MINED OUT)		
PETERS TOWNSHIP, WASHINGTON COUNTY		CYNTHIA BRANCH - OWNER - ALL SEAMS EXCLUDING THE PITTSBURGH/RIVER SEAM		
CARROLL TOWNSHIP, WASHINGTON COUNTY		SUSAN DEMPSTER - OWNER - ALL SEAMS EXCLUDING THE PITTSBURGH/RIVER SEAM		
NOTTINGHAM TOWNSHIP, WASHINGTON COUNTY		MARGOT H. BALL - OWNER - ALL SEAMS EXCLUDING THE PITTSBURGH/RIVER SEAM		
NEW EAGLE BOROUGH, WASHINGTON COUNTY		RYDER HILL - OWNER - ALL SEAMS EXCLUDING THE PITTSBURGH/RIVER SEAM		
FINLEYVILLE BOROUGH, WASHINGTON COUNTY		NICOLA HILL - OWNER - ALL SEAMS EXCLUDING THE PITTSBURGH/RIVER SEAM		
BETHEL PARK BOROUGH, ALLEGHENY COUNTY		ADORA CLARK HILL - OWNER - ALL SEAMS EXCLUDING THE PITTSBURGH/RIVER SEAM		
JEFFERSON HILLS BOROUGH, ALLEGHENY COUNTY		CHRISTOPHER C. HILL - OWNER - ALL SEAMS EXCLUDING THE PITTSBURGH/RIVER SEAM		
SOUTH PARK TOWNSHIP, ALLEGHENY COUNTY				
FORWARD TOWNSHIP, ALLEGHENY COUNTY				

WELL LOCATION PLAT
PAGE 3 Plan View of Deviated Well Bore

Applicant / Well Operator Name: EQT Production Company	DEP ID#: 146983	Well (Farm) Name: SARAH	Well #: 5H
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SHL True Latitude 40.257985
SHL True Longitude -79.945143

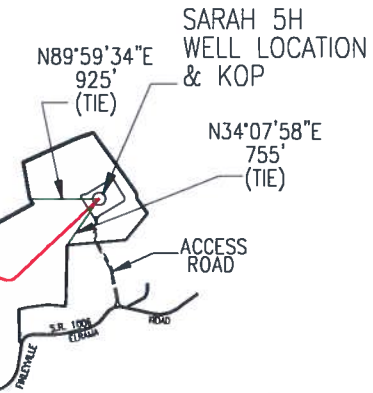
Horizontal Coordinate System:
NAD 83

LOCATION AT
TOTAL DEPTH
LAT 40.289940
LON -79.981573
(NAD 83)

MINERAL TRACT
BOUNDARY

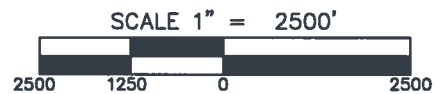
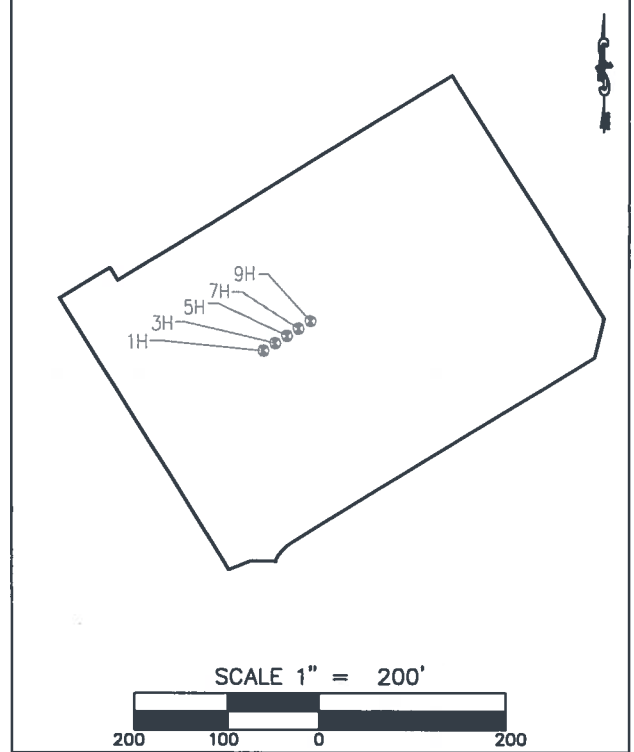
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PROPOSED HORIZONTAL SECTION

LOCATION AT
LANDING POINT
LAT 40.255981
LON -79.951173
(NAD83)



NAD 27 Coordinates	
Tophole	
LAT	40.257915
LON	-79.945370
Landing	
LAT	40.255911
LON	-79.951401
Bottomhole	
LAT	40.289870
LON	-79.981800

TOTAL MINERAL TRACT
ACREAGE 516.62 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: SARAH	Well #: 5H
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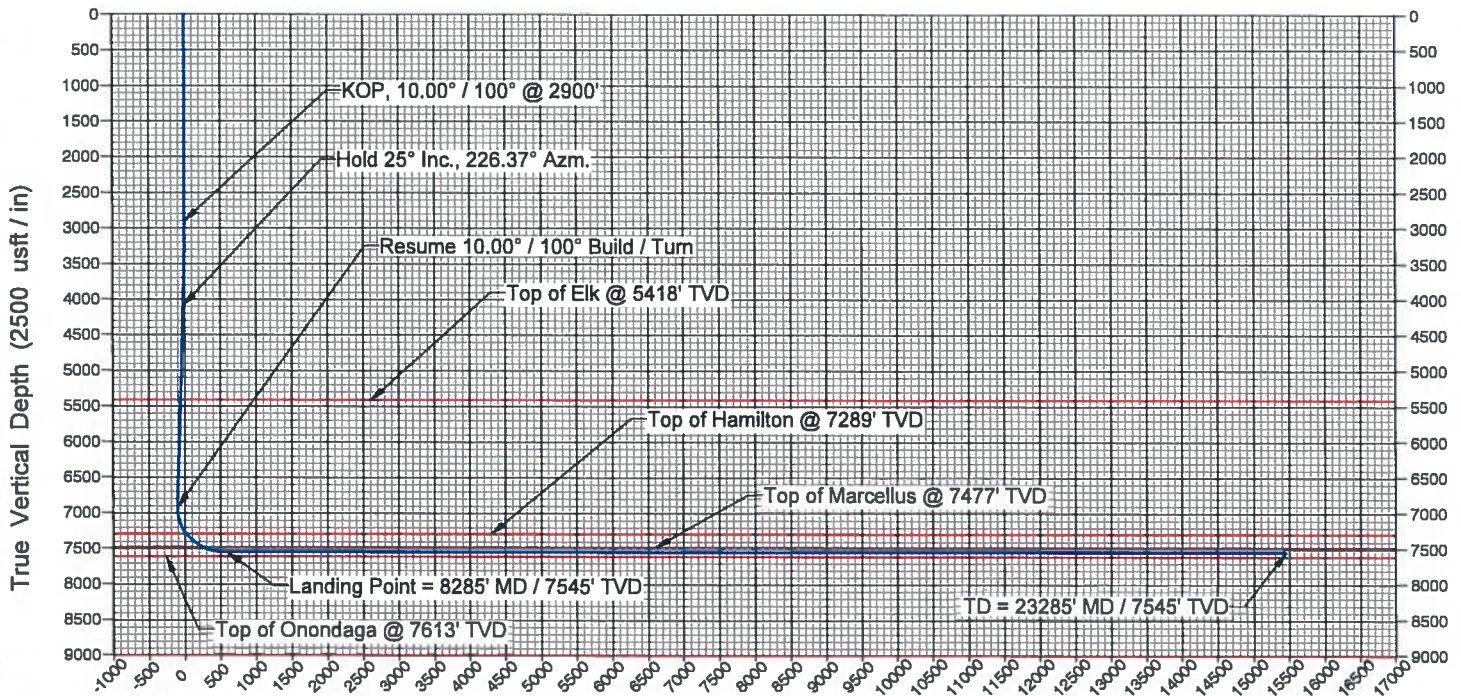
			Latitude	Longitude
KOP :	TVD : <u>2,900'</u>	TMD : <u>2,900'</u>	<u>40.257985</u>	<u>-79.945143</u>
Landing Point :	TVD : <u>7,545'</u>	TMD : <u>8,285'</u>	<u>40.255981</u>	<u>-79.951173</u>
Projected Bottom Hole :	TVD : <u>7,545'</u>	TMD : <u>23,285'</u>	<u>40.289940</u>	<u>-79.981573</u>



Azimuths to Grid North
Magnetic North : -9.40

Magnetic Field
Strength : 51,822.24
Dip Angle : 66.84
Date : 11/04/2021
Model : IGRF2015

NAD 83



Vertical Section at 320.31° (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 #:	
Permit #:	
Project #:	

SHL True Latitude
40.258008

SHL True Longitude
-79.945098

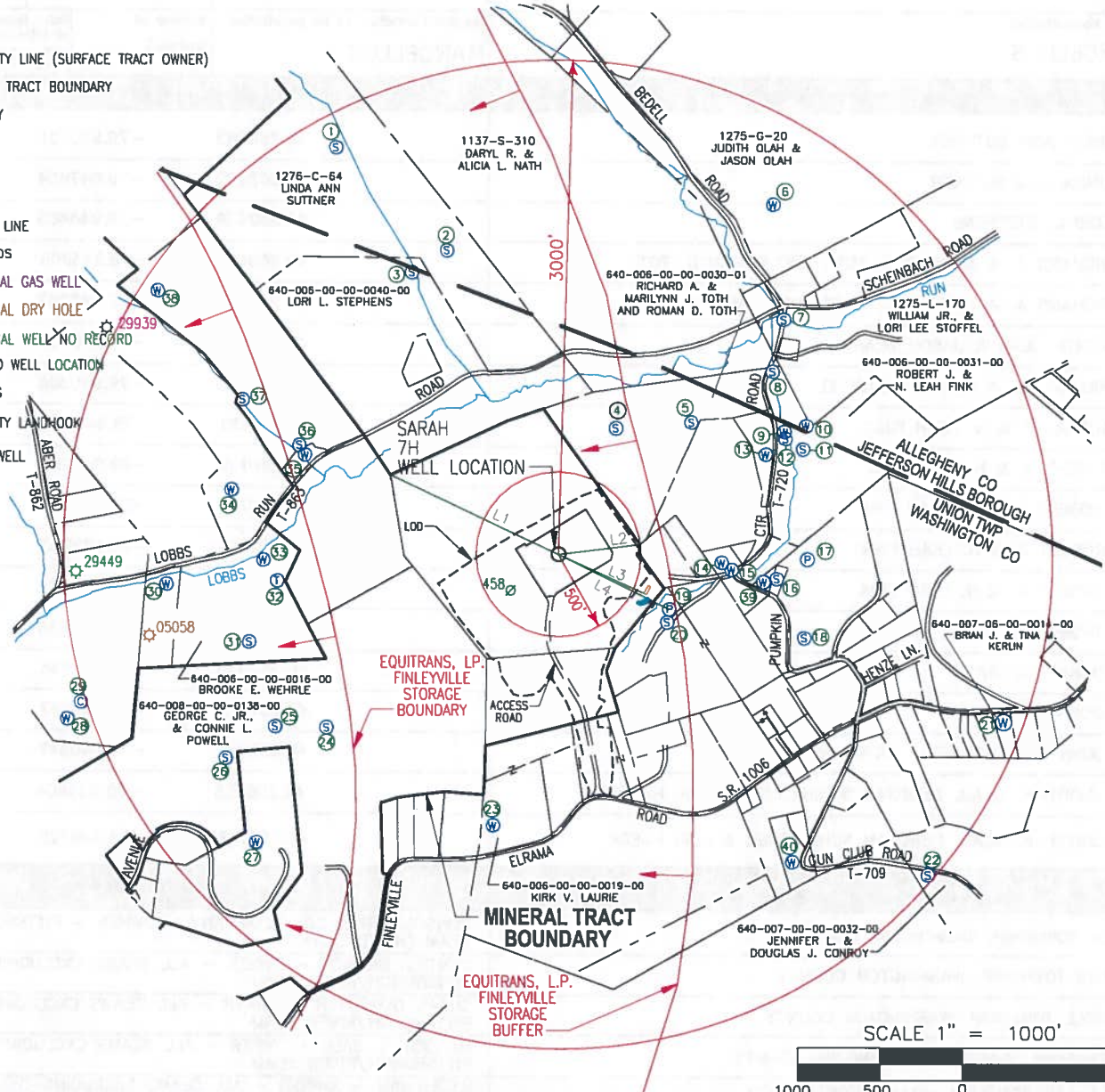
NOTES:
THE PURPOSE OF THIS PLAT IS FOR THE LOCATION OF A PROPOSED GAS WELL AND DOES NOT REPRESENT A CLOSED BOUNDARY SURVEY. PROPERTY LINES AND OWNERS WERE OBTAINED FROM VARIOUS FIELD EVIDENCE, TAX RECORDS, AND AERIAL MAPPING.
NO STRUCTURES EXIST WITHIN 500 FEET OF PROPOSED WELL LOCATION.
THERE ARE NO COAL MINES WITHIN 3000' OF PROPOSED WELL LOCATION.

LINE	BEARING	DISTANCE (FEET)
L1	S64°43'27"E	1127
L2	S82°58'01"W	497
L3	S65°28'13"E	566
L4	S63°38'32"E	747

Horizontal Coordinate System:
NAD 83

LEGEND

- PROPERTY LINE (SURFACE TRACT OWNER)
- MINERAL TRACT BOUNDARY
- ROADWAY
- STREAM
- TIE LINE
- LOD
- COUNTY LINE
- WETLANDS
- ⊙ HISTORICAL GAS WELL
- ⊙ HISTORICAL DRY HOLE
- ⊙ HISTORICAL WELL NO RECORD
- ⊙ PLUGGED WELL LOCATION
- BUILDING
- ↖ PROPERTY LANDHOOK
- ⊙ WATER WELL
- ⊙ TANK
- ⊙ SPRING
- ⊙ CISTERN
- ⊙ POND
- ① WATER SOURCE NUMBER



SCALE 1" = 1000'



Applicant / Well Operator Name: EQT Production Company		DEP ID#: 146983	Well (Farm) Name: SARAH		Well #: 7H	Serial #:
Address: 400 WOODCLIFF DRIVE, CANONSBURG, PA 15317			County: WASHINGTON	Municipality: UNION TOWNSHIP	Well Type: GAS	
911 address of well site: 4371 FINLEYVILLE ELRAMA ROAD, FINLEYVILLE, PA 15332			USGS 7 1/2' Quadrangle Map Name: GLASSPORT, PA	Map Section: 8	Surface Elevation: 1120± ft.	
Surveyor or Engineer: Matthew M. Flaus, PLS	Phone #: (412) 278-2100	Dwg #:	Date: 04/10/2024	Scale: 1"=1000'	Unit Acreage: 546.90	
Lat & Long Metadata Method: GPS	Accuracy: 3± ft.	Datum: NAD 83	Elevation Metadata Method: GPS	Accuracy: 5± ft.	Datum: NAVD 88	Survey Date: 08/18/2016

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 SARAH	Well # 7H	Serial #
Surface Landowner / Lessor: SARAH BICKERTON		Angle & Course of Deviation (Drilling): N36° 00' 13"W 15,573'	Anticipated True Vertical Depth Feet (TVD): 7,545'	Anticipated Total Measured Depth Feet (TMD): 23,195'
Target Formation(s): MARCELLUS		Deepest Formation to be penetrated: MARCELLUS	Number of laterals: 1	Total footage to be drilled all laterals: 23,195'
Surface Owner/Water Purveyor w/Water Supply within 1000'/3000'		Latitude Longitude of Water Supply		
1) LINDA ANN SUTTNER		40.264683	-79.950104	
2) LINDA ANN SUTTNER		40.263022	-79.947654	
3) LORI L. STEPHENS		40.262639	-79.948403	
4) RICHARD A. & MARILYN J. TOTH AND ROMAN D. TOTH		40.260132	-79.943909	
5) RICHARD A. & MARILYN J. TOTH AND ROMAN D. TOTH		40.260258	-79.942267	
6) JUDITH OLAH & JASON OLAH		40.263919	-79.940580	
7) WILLIAM JR. & LORI LEE STOFFEL		40.262005	-79.940308	
8) ROBERT J. & N. LEAH FINK		40.261139	-79.940528	
9) ROBERT J. & N. LEAH FINK		40.260139	-79.940250	
10) ROBERT J. & N. LEAH FINK		40.260251	-79.939774	
11) ROBERT J. & N. LEAH FINK		40.259861	-79.939833	
12) ROBERT J. & N. LEAH FINK		40.260028	-79.940222	
13) THOMAS W. REESE JR.		40.259757	-79.940635	
14) DONNA DZUBAY		40.257935	-79.941546	
15) DONNA DZUBAY		40.257822	-79.941327	
16) JOHN R. & CONNIE L. BAYNHAM		40.257690	-79.940347	
17) JUDITH K. BEAM, DEBORAH SCHINKOVEC & LORI HAECK		40.258028	-79.939694	
18) JUDITH K. BEAM, DEBORAH SCHINKOVEC & LORI HAECK		40.256718	-79.939725	
Municipality: where the well will be drilled, adjacent to the well, or within 3000 feet		Coal related parties		
UNION TOWNSHIP, WASHINGTON COUNTY		CONSOLIDATION COAL COMPANY - OWNER - PITTSBURGH SEAM (MINED OUT)		
PETERS TOWNSHIP, WASHINGTON COUNTY		CYNTHIA BRANCH - OWNER - ALL SEAMS EXCLUDING THE PITTSBURGH/RIVER SEAM		
CARROLL TOWNSHIP, WASHINGTON COUNTY		SUSAN DEMPSTER - OWNER - ALL SEAMS EXCLUDING THE PITTSBURGH/RIVER SEAM		
NOTTINGHAM TOWNSHIP, WASHINGTON COUNTY		MARGOT H. BALL - OWNER - ALL SEAMS EXCLUDING THE PITTSBURGH/RIVER SEAM		
NEW EAGLE BOROUGH, WASHINGTON COUNTY		RYDER HILL - OWNER - ALL SEAMS EXCLUDING THE PITTSBURGH/RIVER SEAM		
FINLEYVILLE BOROUGH, WASHINGTON COUNTY		NICOLA HILL - OWNER - ALL SEAMS EXCLUDING THE PITTSBURGH/RIVER SEAM		
BETHEL PARK BOROUGH, ALLEGHENY COUNTY		ADORA CLARK HILL - OWNER - ALL SEAMS EXCLUDING THE PITTSBURGH/RIVER SEAM		
JEFFERSON HILLS BOROUGH, ALLEGHENY COUNTY		CHRISTOPHER C. HILL - OWNER - ALL SEAMS EXCLUDING THE PITTSBURGH/RIVER SEAM		
SOUTH PARK TOWNSHIP, ALLEGHENY COUNTY				
FORWARD TOWNSHIP, ALLEGHENY COUNTY				

WELL LOCATION PLAT
PAGE 3 Plan View of Deviated Well Bore

Applicant / Well Operator Name: EQT Production Company	DEP ID#: 146983	Well (Farm) Name: SARAH	Well #: 7H
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SHL True Latitude
40.258008

SHL True Longitude
-79.945098

Horizontal Coordinate System:
NAD 83

LOCATION AT
TOTAL DEPTH
LAT 40.291951
LON -79.979027
(NAD 83)

MINERAL TRACT
BOUNDARY

AZ=N33°00'00"W 15,202'
PROPOSED HORIZONTAL SECTION

LOCATION AT
LANDING POINT
LAT 40.257533
LON -79.948218
(NAD83)

SARAH 7H
WELL LOCATION
& KOP

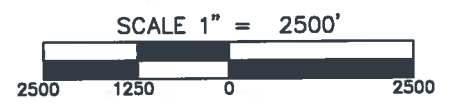
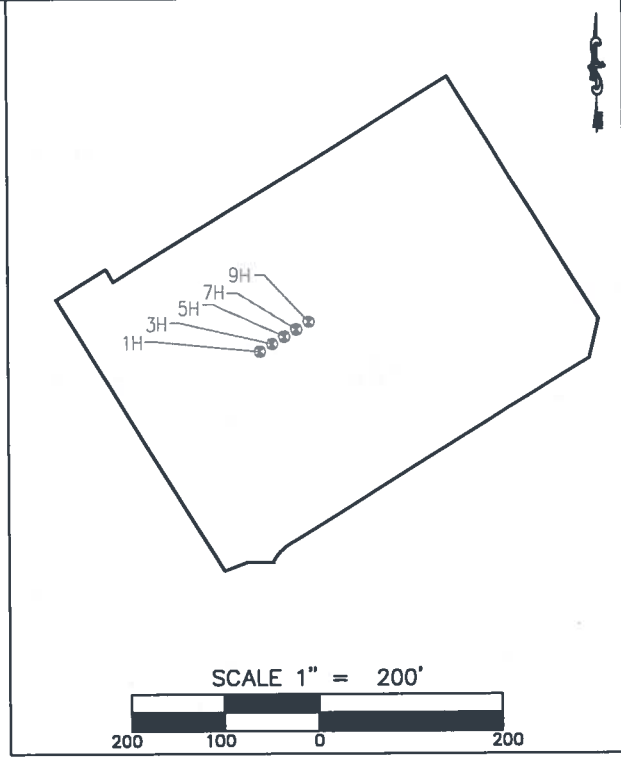
S64°43'27"E
1127'
(TIE)

S82°58'01"W
497'
(TIE)

ACCESS
ROAD

NAD 27 Coordinates	
Tophole	
LAT	40.257938
LON	-79.945325
Landing	
LAT	40.257463
LON	-79.948445
Bottomhole	
LAT	40.291881
LON	-79.979254

TOTAL MINERAL TRACT
ACREAGE 546.90 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: SARAH	Well #: 7H
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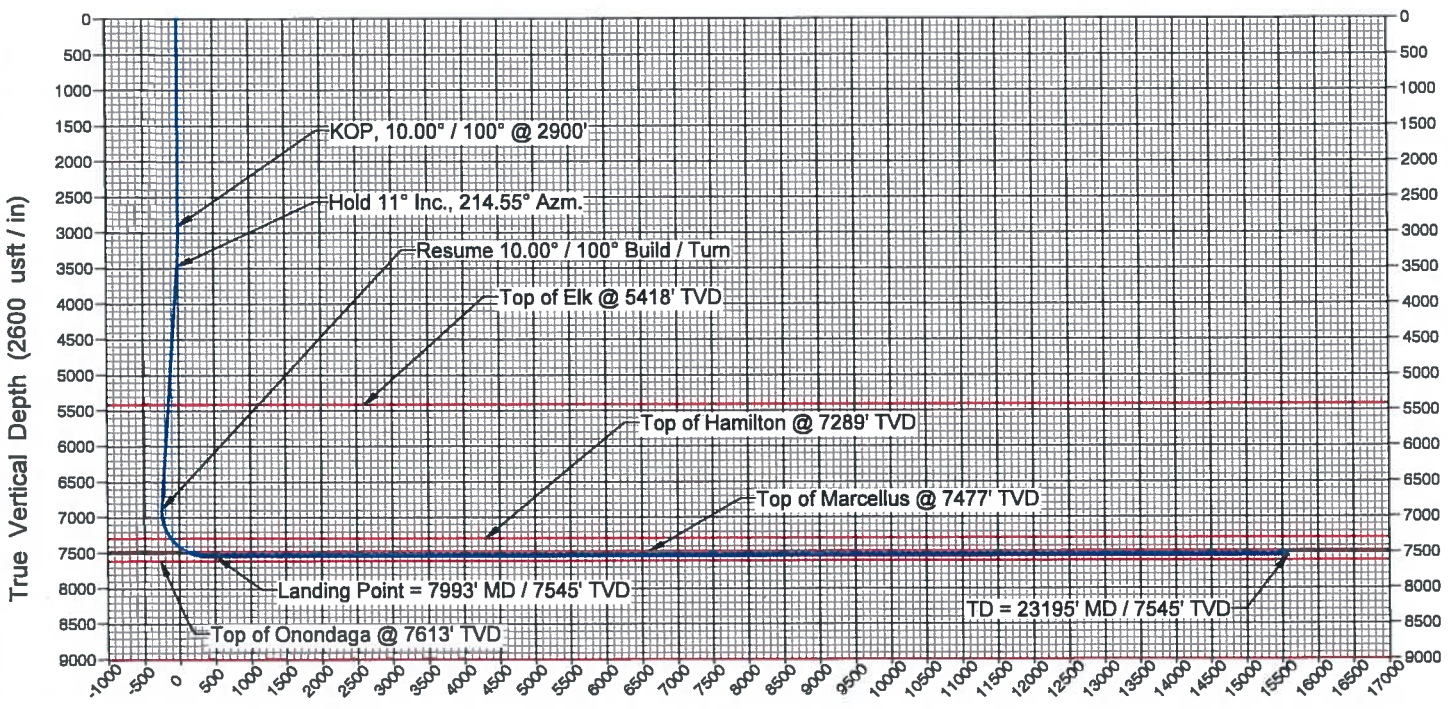
	TVD	TMD	Latitude	Longitude
KOP :	2,900'	2,900'	40.258008	-79.945098
Landing Point :	7,545'	7,993'	40.257533	-79.948218
Projected Bottom Hole :	7,545'	23,195'	40.291951	-79.979027



Azimuths to Grid North
Magnetic North : -9.40

Magnetic Field
Strength : 51,822.25
Dip Angle : 66.84
Date : 11/04/2021
Model : IGRF2015

NAD 83



Vertical Section at 324.00° (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
40.258030

SHL True Longitude
-79.945053

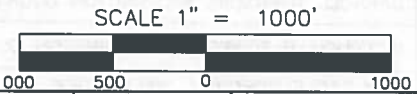
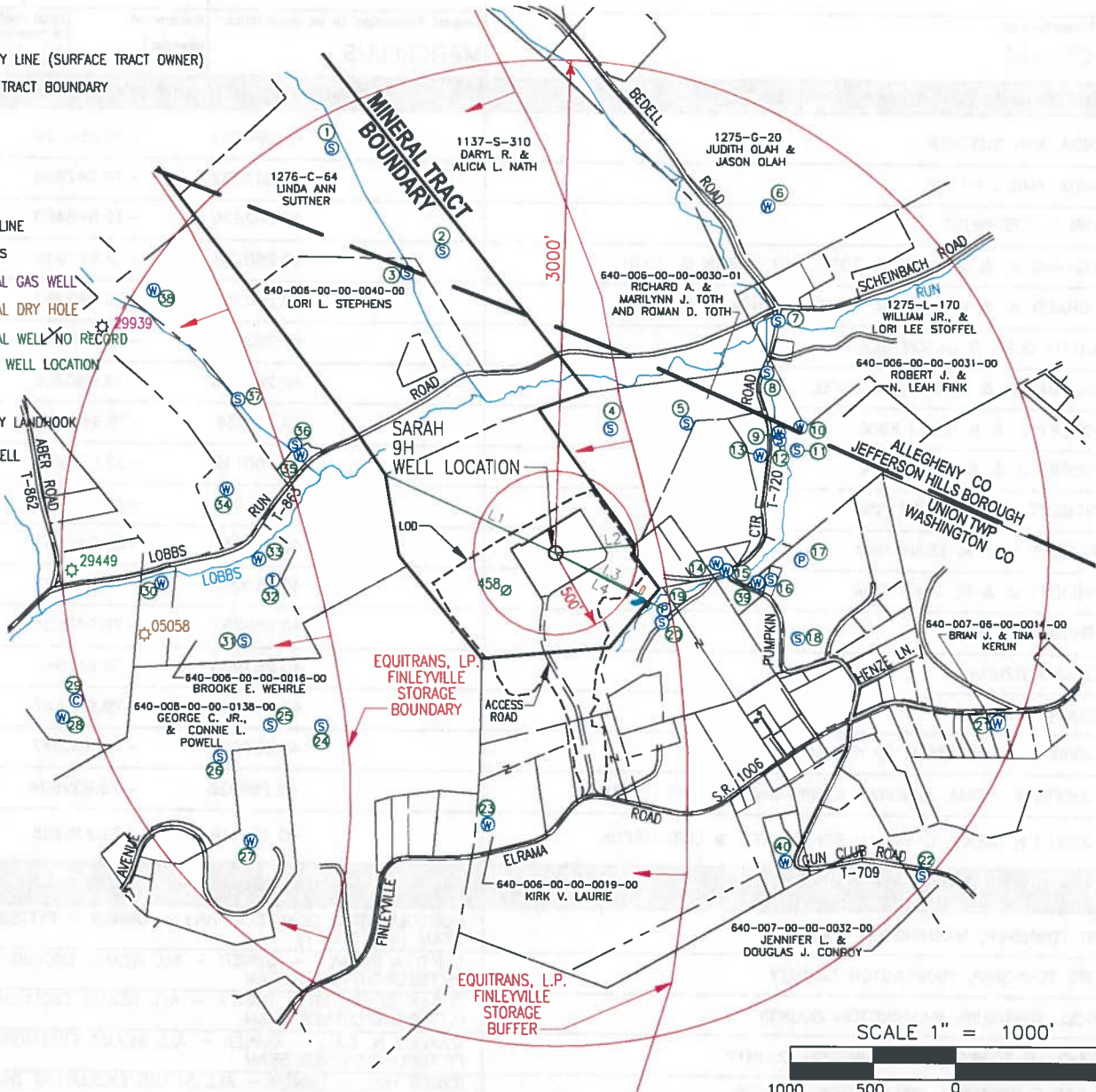
NOTES:
THE PURPOSE OF THIS PLAT IS FOR THE LOCATION OF A PROPOSED GAS WELL AND DOES NOT REPRESENT A CLOSED BOUNDARY SURVEY. PROPERTY LINES AND OWNERS WERE OBTAINED FROM VARIOUS FIELD EVIDENCE, TAX RECORDS, AND AERIAL MAPPING.
NO STRUCTURES EXIST WITHIN 500 FEET OF PROPOSED WELL LOCATION.
THERE ARE NO COAL MINES WITHIN 3000' OF PROPOSED WELL LOCATION.

LINE	BEARING	DISTANCE (FEET)
L1	S65°21'30"E	1135
L2	S83°42'25"W	484
L3	S64°11'28"E	558
L4	S62°39'25"E	740

Horizontal Coordinate System:
NAD 83

LEGEND

- PROPERTY LINE (SURFACE TRACT OWNER)
- MINERAL TRACT BOUNDARY
- ROADWAY
- STREAM
- TIE LINE
- - - LOD
- - - COUNTY LINE
- WETLANDS
- ⊙ HISTORICAL GAS WELL
- ⊙ HISTORICAL DRY HOLE
- ⊙ HISTORICAL WELL NO RECORD
- ⊙ PLUGGED WELL LOCATION
- BUILDING
- ⚡ PROPERTY LANDHOOK
- W WATER WELL
- T TANK
- S SPRING
- C CISTERN
- P POND
- ① WATER SOURCE NUMBER



Applicant / Well Operator Name: EQT Production Company		DEP ID#: 146983	Well (Farm) Name: SARAH		Well #: 9H	Serial #:
Address: 400 WOODCLIFF DRIVE, CANONSBURG, PA 15317			County: WASHINGTON	Municipality: UNION TOWNSHIP	Well Type: GAS	
911 address of well site: 4371 FINLEYVILLE ELRAMA ROAD, FINLEYVILLE, PA 15332			USGS 7 1/2' Quadrangle Map Name: GLASSPORT, PA	Map Section: 8	Surface Elevation: 1120± ft.	
Surveyor or Engineer: Matthew M. Flaus, PLS	Phone #: (412) 278-2100	Dwg #:	Date: 04/10/2024	Scale: 1"=1000'	Unit Acreage: 469.01	
Lat & Long Metadata Method: GPS	Accuracy: 3± ft.	Datum: NAD 83	Elevation Metadata Method: GPS	Accuracy: 5± ft.	Datum: NAVD 88	Survey Date: 08/18/2016

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 SARAH	Well # 9H	Serial #
Surface Landowner / Lessor: SARAH BICKERTON		Angle & Course of Deviation (Drilling): N31° 49' 15"W 16,269'	Anticipated True Vertical Depth Feet (TVD): 7,545'	Anticipated Total Measured Depth Feet (TMD): 23,408'
Target Formation(s): MARCELLUS		Deepest Formation to be penetrated: MARCELLUS	Number of laterals: 1	Total footage to be drilled all laterals: 23,408'
Surface Owner/Water Purveyor w/Water Supply within 1000'/3000'		Latitude Longitude of Water Supply		
1) LINDA ANN SUTTNER		40.264683	-79.950104	
2) LINDA ANN SUTTNER		40.263022	-79.947654	
3) LORI L. STEPHENS		40.262639	-79.948403	
4) RICHARD A. & MARILYN J. TOTH AND ROMAN D. TOTH		40.260132	-79.943909	
5) RICHARD A. & MARILYN J. TOTH AND ROMAN D. TOTH		40.260258	-79.942267	
6) JUDITH OLAH & JASON OLAH		40.263919	-79.940580	
7) WILLIAM JR. & LORI LEE STOFFEL		40.262005	-79.940308	
8) ROBERT J. & N. LEAH FINK		40.261139	-79.940528	
9) ROBERT J. & N. LEAH FINK		40.260139	-79.940250	
10) ROBERT J. & N. LEAH FINK		40.260251	-79.939774	
11) ROBERT J. & N. LEAH FINK		40.259861	-79.939833	
12) ROBERT J. & N. LEAH FINK		40.260028	-79.940222	
13) THOMAS W. REESE JR.		40.259757	-79.940635	
14) DONNA DZUBAY		40.257935	-79.941546	
15) DONNA DZUBAY		40.257822	-79.941327	
16) JOHN R. & CONNIE L. BAYNHAM		40.257690	-79.940347	
17) JUDITH K. BEAM, DEBORAH SCHINKOVEC & LORI HAECK		40.258028	-79.939694	
18) JUDITH K. BEAM, DEBORAH SCHINKOVEC & LORI HAECK		40.256718	-79.939725	
Municipality: where the well will be drilled, adjacent to the well, or within 3000 feet		Coal related parties		
UNION TOWNSHIP, WASHINGTON COUNTY		CONSOLIDATION COAL COMPANY - OWNER - PITTSBURGH SEAM (MINED OUT)		
PETERS TOWNSHIP, WASHINGTON COUNTY		CYNTHIA BRANCH - OWNER - ALL SEAMS EXCLUDING THE PITTSBURGH/RIVER SEAM		
CARROLL TOWNSHIP, WASHINGTON COUNTY		SUSAN DEMPSTER - OWNER - ALL SEAMS EXCLUDING THE PITTSBURGH/RIVER SEAM		
NOTTINGHAM TOWNSHIP, WASHINGTON COUNTY		MARGOT H. BALL - OWNER - ALL SEAMS EXCLUDING THE PITTSBURGH/RIVER SEAM		
NEW EAGLE BOROUGH, WASHINGTON COUNTY		RYDER HILL - OWNER - ALL SEAMS EXCLUDING THE PITTSBURGH/RIVER SEAM		
FINLEYVILLE BOROUGH, WASHINGTON COUNTY		NICOLA HILL - OWNER - ALL SEAMS EXCLUDING THE PITTSBURGH/RIVER SEAM		
BETHEL PARK BOROUGH, ALLEGHENY COUNTY		ADORA CLARK HILL - OWNER - ALL SEAMS EXCLUDING THE PITTSBURGH/RIVER SEAM		
JEFFERSON HILLS BOROUGH, ALLEGHENY COUNTY		CHRISTOPHER C. HILL - OWNER - ALL SEAMS EXCLUDING THE PITTSBURGH/RIVER SEAM		
SOUTH PARK TOWNSHIP, ALLEGHENY COUNTY				
FORWARD 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 SARAH	Well # 9H	Serial #
Surface Landowner / Lessor: SARAH BICKERTON		Angle & Course of Deviation (Drilling): N31° 49' 15"W 16,269'	Anticipated True Vertical Depth Feet (TVD): 7,545'	Anticipated Total Measured Depth Feet (TMD): 23,408'
Target Formation(s): MARCELLUS		Deepest Formation to be penetrated: MARCELLUS	Number of laterals: 1	Total footage to be drilled all laterals: 23,408'
Surface Owner/Water Purveyor w/Water Supply within 1000'/3000'		Latitude Longitude of Water Supply		
19) JOHN A. JR., & KATHIE JO NEIDERMEYER		40.257143 -79.942669		
20) JOHN A. JR., & KATHIE JO NEIDERMEYER		40.256922 -79.942709		
21) BRIAN J. & TINA M. KERLIN		40.255397 -79.935345		
22) JENNIFER L. & DOUGLAS J. CONROY		40.252824 -79.936910		
23) KIRK V. LAURIE		40.253466 -79.946395		
24) GEORGE C. JR., & CONNIE L. POWELL		40.255026 -79.950053		
25) GEORGE C. JR., & CONNIE L. POWELL		40.255024 -79.951169		
26) GEORGE C. JR., & CONNIE L. POWELL		40.254475 -79.952241		
27) UNION TOWNSHIP		40.253082 -79.951539		
28) EQM GATHERING OPCO, LLC		40.255061 -79.955696		
29) EQM GATHERING OPCO, LLC		40.255346 -79.955404		
30) VICKI LYNNE RUMBAUGH		40.257346 -79.953599		
31) BROOKE E. WEHRLE		40.256418 -79.951779		
32) BROOKE E. WEHRLE		40.257451 -79.951191		
33) BROOKE E. WEHRLE		40.257790 -79.951500		
34) WILLIAM J. MATTES		40.258945 -79.952229		
35) JEFFREY A. & BARBARA L. CRAMER		40.259559 -79.950638		
36) RANDALL S. SKRINJORICH		40.259713 -79.950766		
37) RANDALL S. SKRINJORICH		40.260444 -79.952028		
38) RANDALL S. SKRINJORICH		40.262222 -79.953917		
39) TIMOTHY P. KING		40.257633 -79.940633		
40) THOMAS M. & MARIANNE COLA		40.252984 -79.939887		

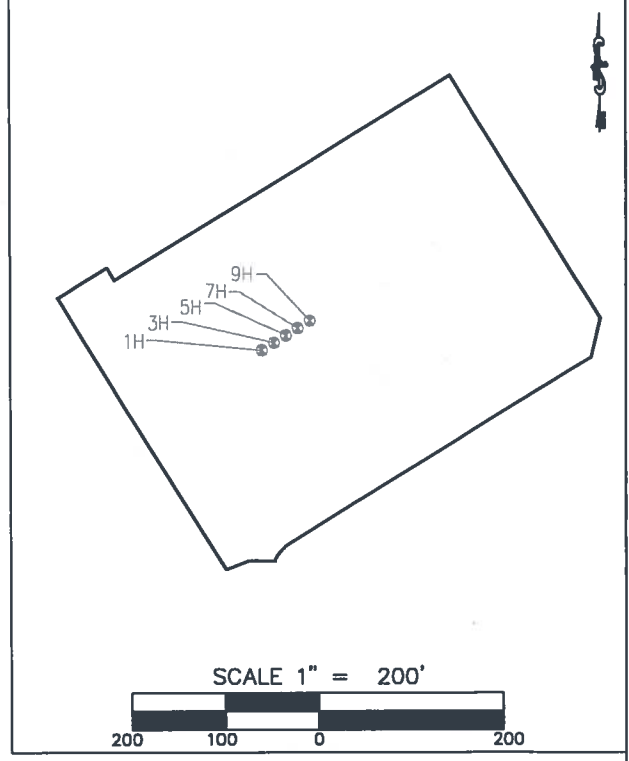
WELL LOCATION PLAT
PAGE 3 Plan View of Deviated Well Bore

Applicant / Well Operator Name: EQT Production Company	DEP ID#: 146983	Well (Farm) Name: SARAH	Well #: 9H
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SHL True Latitude
40.258030

SHL True Longitude
-79.945053

Horizontal Coordinate System:
NAD 83



LOCATION AT
TOTAL DEPTH
LAT 40.295375
LON -79.977026
(NAD 83)

MINERAL TRACT
BOUNDARY

AZ=N32°23'10"W 15,494'
PROPOSED HORIZONTAL SECTION

LOCATION AT
LANDING POINT
LAT 40.260076
LON -79.946149
(NAD83)

SARAH 9H
WELL LOCATION
& KOP

S83°42'25"W
484'
(TIE)

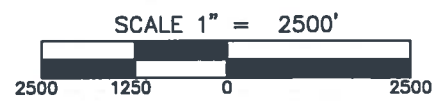
S65°21'30"E
1135'
(TIE)

ACCESS
ROAD

S.R. 1006
EL PASO
ROAD

NAD 27 Coordinates	
Tophole	
LAT	40.257960
LON	-79.945280
Landing	
LAT	40.260006
LON	-79.946377
Bottomhole	
LAT	40.295305
LON	-79.977253

TOTAL MINERAL TRACT
ACREAGE 469.01 Ac.
EXISTING SURFACE ELEVATION- 1120± FT.




WELL LOCATION PLAT

PAGE 4 Well Plan

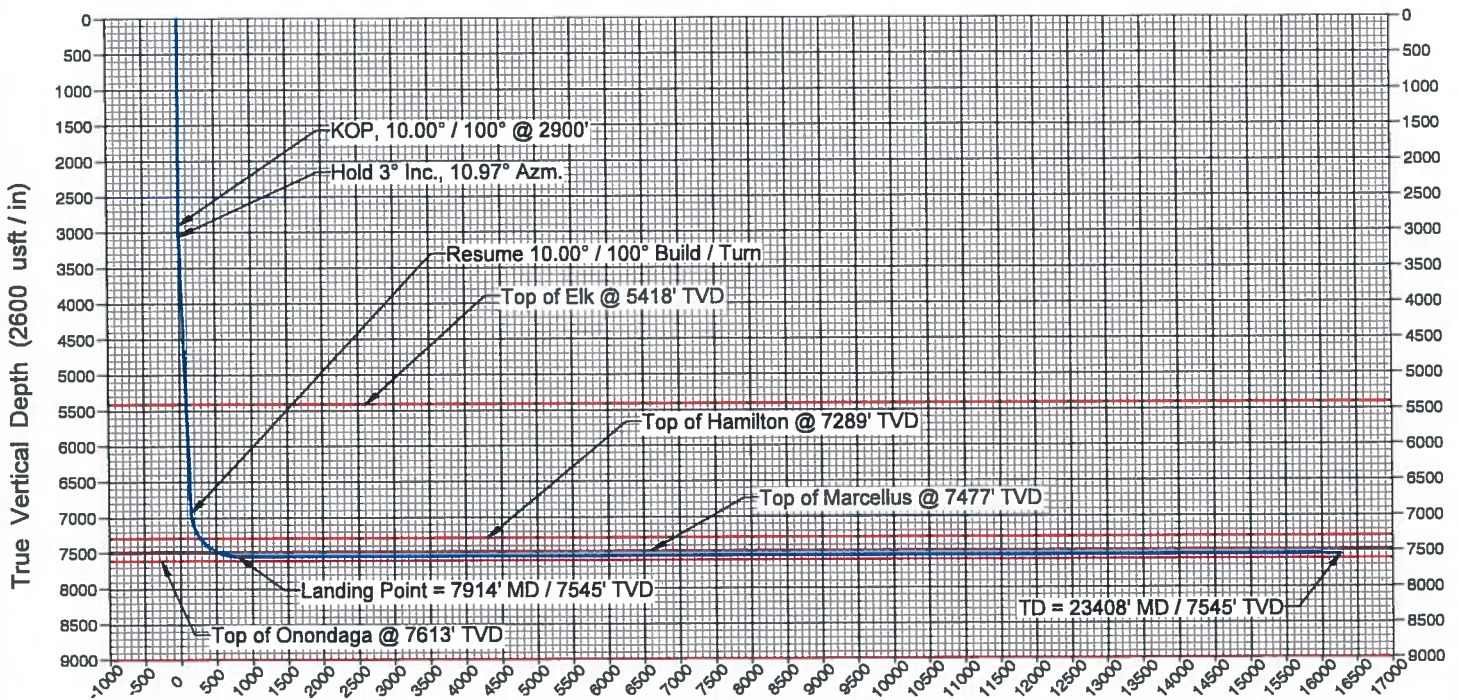
DEP Use Only	Permit #
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Applicant / Well Operator Name: EQT PRODUCTION COMPANY	DEP ID#: 146983	Well (Farm) Name: SARAH	Well #: 9H
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	TVD	TMD	Latitude	Longitude
KOP :	2,900'	2,900'	40.258030	-79.945053
Landing Point :	7,545'	7,914'	40.260076	-79.946149
Projected Bottom Hole :	7,545'	23,408'	40.295375	-79.977026


 Azimuths to Grid North
 Magnetic North : -9.40
 Magnetic Field
 Strength : 51,822.26
 Dip Angle : 66.84
 Date : 11/04/2021
 Model : IGRF2015

NAD 83



Vertical Section at 328.18° (2600 usft / in)



NOTIFICATION OF SURFACE LANDOWNER/WATER PURVEYOR OF WELL DRILLING OPERATION OR ALTERATION

WATER SUPPLY PROTECTION

Section 3218 of 58 Pa.C.S. §§ 3201-3274 (relating to Development) ("2012 Oil and Gas Act") provides certain protections to public or private water supplies. This notice is to provide you with a summary of your rights under Section 3218.

1. The Act states that an oil or gas well operator who pollutes or diminishes a public or private water supply shall restore or replace the water supply with an alternate source of water adequate in quantity or quality for the purposes served by the supply.

DEP has a statewide toll-free phone number for reporting cases of water contamination which may be associated with development of oil and gas resources. Call **1-866-255-5158**.

2. Any landowner or water purveyor whose water supply is polluted or diminished as a result of the drilling, alteration or operation of an oil or gas well may submit notice and request that the Department of Environmental Protection conduct an investigation. Within 45 days of the request, the Department will make a determination. If the Department finds that pollution or diminution was caused by the drilling, alteration or operation activities or if it presumes the well operator responsible for pollution, then it will issue such orders as are necessary to assure restoration or replacement of the water supply.

The following information is to be provided when filing notice and requesting an investigation:

- a) The name, address, and telephone number of the surface landowner or water purveyor requesting the investigation;
 - b) The type, location and use of the water supply;
 - c) Any available background quality and quantity data regarding the water supply;
 - d) Well depth, pump setting and water level, if known; and
 - e) Description of the pollution or diminution.
3. The Act establishes a legal presumption that a well operator is responsible for the pollution of a water supply if:
 - a – Conventional well
 - i. the water supply is within 1,000 feet of an oil or gas well; and
 - ii. the pollution occurred within six months after completion of drilling or alteration of the oil or gas well;
 - b. – Unconventional well:
 - i. the water supply is within 2,500 feet of the unconventional vertical well bore; and
 - ii. the pollution occurred within 12 months of the later of completion, drilling, stimulation or alteration of the unconventional well.

If the affected water supply is within the rebuttable presumption area and the rebuttable presumption applies, the operator shall provide a temporary water supply if the water user is without a readily available alternative source of water. The temporary water supply provided under this subsection shall be adequate in quantity and quality for the purposes served by the supply.

4. The well operator may rebut or disprove this presumption by proving one of the following five defenses:
 - a – Conventional well
 - i. The pollution existed prior to the drilling or alteration activity as determined by a pre-drilling or pre-alteration survey.
 - ii. The landowner or water purveyor refused to allow the operator access to conduct a pre-drilling or pre-alteration survey.
 - iii. The water supply is not within 1,000 feet of the well.
 - iv. The pollution occurred more than 6 months after completion of drilling or alteration activities.
 - v. The pollution occurred as a result of some cause other than the drilling or alteration activity.
 - b. – Unconventional well:
 - i. the pollution existed prior to the drilling, stimulation or alteration activity as determined by a predrilling or prealteration survey;
 - ii. the landowner or water purveyor refused to allow the operator access to conduct a predrilling or prealteration survey;
 - iii. the water supply is not within 2,500 feet of the unconventional vertical well bore;
 - iv. the pollution occurred more than 12 months after completion of drilling or alteration activities; or
 - v. the pollution occurred as the result of a cause other than the drilling or alteration activity.

NOTICE: To landowner or water purveyor.

The presumption may be void if the landowner or water purveyor refused to allow the operator of an unconventional well access by the operator (or their agent) to conduct a predrilling or prealteration survey.

Well operators electing to preserve their defenses under 4 a or b.(i) or (ii) above must retain the services of an independent certified laboratory to conduct the pre-drilling or pre-alteration survey of water supplies. The results of the survey must be provided within 10 business days of receipt of the results by providing a copy to the Department and the landowner or water purveyor. Test results not received by the Department within 10 business days may not be used to preserve the operators defense under 3218(d). If the applicant for a well permit does not conduct a pre-drilling or pre-alteration survey, you may wish to have such a survey done in order to support any future claims you may have that your water supply has been diminished or polluted.

OBJECTION TO WELL PERMIT APPLICATION

When a well is located on a tract whose surface is owned by a person other than the well operator, the surface landowner has the right to file objections with the Department pursuant to Section 3212 on the following basis:

- a) The information on the application is untrue in any material respect,
- b) The well is within 200 feet or, in the case of an unconventional gas well, 500 feet measured horizontally from the vertical well bore from any existing building or existing water well existing when the copy of the plat is mailed and the owner thereof has not given his written consent and the operator has not been granted a variance. Unconventional gas wells may not be drilled within 1,000 feet measured horizontally from the vertical well bore to any existing water well, surface water intake, reservoir or other water supply extraction point used by a water purveyor without the written consent of the water purveyor and the owner thereof has not given his written consent and the operator has not been granted a variance.
- c) The well site is within 100 feet or, in the case of an unconventional well, 300 feet from the vertical well bore or 100 feet from the edge of the well site, whichever is greater, measured horizontally from any solid blue lined stream, spring or body of water as identified on the most current 7½ minute topographic quadrangle map and the operator does not have a waiver. The edge of the disturbed area associated with any unconventional well site must maintain a 100-foot setback. No unconventional well may be drilled within 300 feet of any wetlands greater than one acre in size, and the edge of the disturbed area of any well site must maintain a 100-foot setback from the boundary of the wetlands, and the operator does not have a waiver, or
- d) No well site may be prepared or well drilled within any floodplain if the well site will have:
 - (i) a pit or impoundment containing drilling cuttings, flowback water, produced water or hazardous materials, chemicals or wastes within the floodplain; or
 - (ii) a tank containing hazardous materials, chemicals, condensate, wastes, flowback or produced water within the floodway. and the operator does not have a waiver. or
- e) The well location violates Section 3215 of the Act.

Any objections and request for a conference must be filed within 15 days of receipt of the plat by the surface landowner and contain the following information:

- a) The name, address and telephone number of the person submitting the objection;
- b) The name of the well operator, and the farm name and number of the proposed well; and
- c) A statement of the basis for the objection and a request for a conference if a conference is being requested.

*DEP Regional Offices
to contact:*

*Dept. of Environmental Protection
NW Regional Office – Oil & Gas Mgmt
230 Chestnut Street
Meadville, PA 16335-3481
Phone: 814-332-6860 Fax: 814-332-6121*

*Dept. of Environmental Protection
SW Regional Office – Oil & Gas Mgmt
400 Waterfront Drive
Pittsburgh, PA 15222-4745
Phone: 412-442-4024 Fax: 412-442-4328*

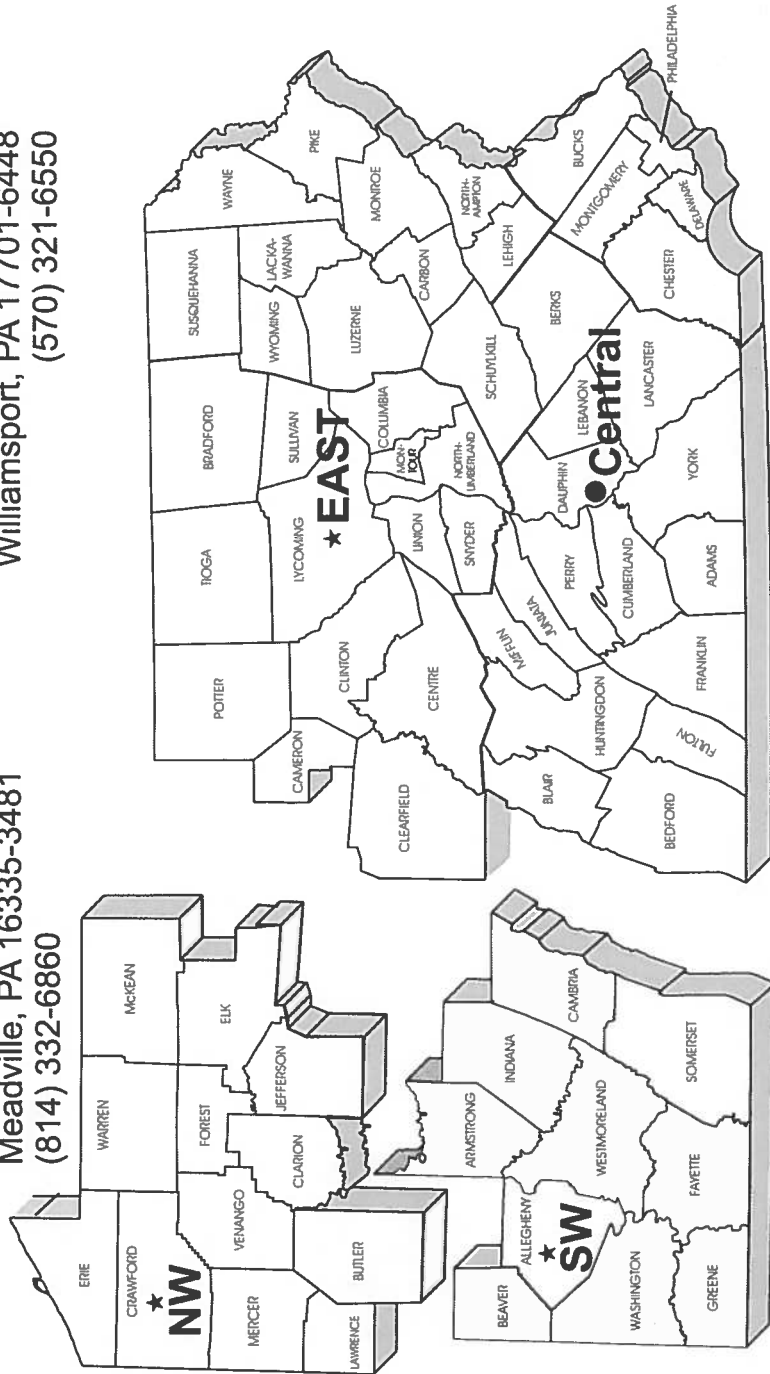
Oil and Gas Regions

★ **Northwest Region**

230 Chestnut Street
 Meadville, PA 16335-3481
 (814) 332-6860

★ **Eastern Region**

208 West Third Street
 Williamsport, PA 17701-6448
 (570) 321-6550



★ **Southwest Region**

400 Waterfront Drive
 Pittsburgh, PA 15222-4745
 (412) 442-4024

● **Central Office**

Bureau of Oil and Gas Management
 PO Box 8765
 Harrisburg, PA 17105-8765
 (717) 772-2199





DEP USE ONLY
Application Tracking #

Proposed Alternate Method or Material for Casing, Plugging, Venting or Equipping a Well

Well Operator EQT Production Company		DEP ID# 146983	Well Permit or Registration Number 37-125-Pending	
Address 400 Woodcliff Drive		Well Farm Name Sarah		
City Canonsburg	State PA	Zip Code 15317	Well # 1H	Serial #
Phone 412-660-0654	Fax 412-395-2974	County Washington		Municipality Union Twp.

A proposed alternate method is subject to provisions in §3221 of the 2012 Oil and Gas Act, 58 Pa. C.S. §3221 Section 13 of the Coal and Gas Resource Coordination Act, 58 P.S. §513 and 25 PA Code §§78.75-78.75a (relating to Alternate Methods.) Attach proof of notification of coal operator(s).

Describe in reasonable detail using a written description and / or diagram:

- 1. the proposed alternate method or materials, and**
- 2. the manner in which the alternative will satisfy the goals of the laws and regulations.**

EQT Production plans to set fresh water casing at approximately 265' RKB, or 14' below the expected deepest fresh water depth of 251' RKB on the Sarah Pad. The expected fresh water depth is determined by analyzing offset oil and gas wells within 5,000' of pad and water wells/surface water within 2,500' of pad. EQT identified the 3920 Bedell Rd #2 water well which is producing from a depth of 20' and is 1,375' from the Sarah location. This water source, once corrected for elevation, is at a depth of 251' at the Sarah Pad. The state regulations require casing to be set at least 50' below the deepest fresh water which would be at 301'. EQT anticipates encountering an open Pittsburgh Coal mine at 291'. EQT is concerned with the variability of the top of the mine and the competency of the formation as the top of the mine is approached. By shortening the fresh water casing, EQT will ensure that the fresh water and mine are not comingled and the fresh water is isolated.

Optional: Approval by Coal Owner or Operator

Signature _____ Date _____

Print or Type Signer's Name and Title

Signature of Applicant / Well Operator

Signature Date **4/18/2024**

Print or Type Signer's Name and Title

Regional Manager - Permitting

If optional approval is signed by coal owner or operator, the 15-day objection period may be waived.

DEP USE ONLY

Approved by (DEP Manager)

Conditions

- YES, See Attached
 NO

Date



DEP USE ONLY
Application Tracking #

Proposed Alternate Method or Material for Casing, Plugging, Venting or Equipping a Well

Well Operator EQT Production Company		DEP ID# 146983	Well Permit or Registration Number 37-125-Pending	
Address 400 Woodcliff Drive		Well Farm Name Sarah		
City Canonsburg	State PA	Zip Code 15317	Well # 3H	Serial #
Phone 412-660-0654	Fax 412-395-2974	County Washington		Municipality Union Twp.

A proposed alternate method is subject to provisions in §3221 of the 2012 Oil and Gas Act, 58 Pa. C.S. §3221 Section 13 of the Coal and Gas Resource Coordination Act, 58 P.S. §513 and 25 PA Code §§78.75-78.75a (relating to Alternate Methods.) **Attach proof of notification of coal operator(s).**

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Optional: Approval by Coal Owner or Operator		Signature of Applicant / Well Operator	
Signature	Date	Signature 	Date 4/18/2024
Print or Type Signer's Name and Title		Print or Type Signer's Name and Title Regional Manager - Permitting	

If optional approval is signed by coal owner or operator, the 15-day objection period may be waived.

DEP USE ONLY		
Approved by (DEP Manager)	Conditions	Date
	<input type="checkbox"/> YES, See Attached <input type="checkbox"/> NO	



DEP USE ONLY
Application Tracking #

Proposed Alternate Method or Material for Casing, Plugging, Venting or Equipping a Well

Well Operator EQT Production Company		DEP ID# 146983	Well Permit or Registration Number 37-125-Pending	
Address 400 Woodcliff Drive		Well Farm Name Sarah		
City Canonsburg	State PA	Zip Code 15317	Well # 5H	Serial #
Phone 412-660-0654	Fax 412-395-2974	County Washington		Municipality Union Twp.

A proposed alternate method is subject to provisions in §3221 of the 2012 Oil and Gas Act, 58 Pa. C.S. §3221 Section 13 of the Coal and Gas Resource Coordination Act, 58 P.S. §513 and 25 PA Code §§78.75-78.75a (relating to Alternate Methods.) Attach proof of notification of coal operator(s).

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Optional: Approval by Coal Owner or Operator

Signature _____ Date _____

Print or Type Signer's Name and Title _____

Signature of Applicant / Well Operator

Signature  Date **4/18/2024**

Print or Type Signer's Name and Title

Regional Manager - Permitting

If optional approval is signed by coal owner or operator, the 15-day objection period may be waived.

DEP USE ONLY		
Approved by (DEP Manager)	Conditions	Date
	<input type="checkbox"/> YES, See Attached <input type="checkbox"/> NO	



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

DEP USE ONLY
Application Tracking #

Proposed Alternate Method or Material for Casing, Plugging, Venting or Equipping a Well

Well Operator EQT Production Company		DEP ID# 146983	Well Permit or Registration Number 37-125-Pending	
Address 400 Woodcliff Drive		Well Farm Name Sarah		
City Canonsburg	State PA	Zip Code 15317	Well # 7H	Serial #
Phone 412-660-0654	Fax 412-395-2974	County Washington		Municipality Union Twp.

A proposed alternate method is subject to provisions in §3221 of the 2012 Oil and Gas Act, 58 Pa. C.S. §3221 Section 13 of the Coal and Gas Resource Coordination Act, 58 P.S. §513 and 25 PA Code §§78.75-78.75a (relating to Alternate Methods.) Attach proof of notification of coal operator(s).

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Optional: Approval by Coal Owner or Operator

Signature _____ Date _____

Print or Type Signer's Name and Title _____

Signature of Applicant / Well Operator

Signature Date **4/18/2024**

Print or Type Signer's Name and Title
Regional Manager - Permitting

If optional approval is signed by coal owner or operator, the 15-day objection period may be waived.

DEP USE ONLY		
Approved by (DEP Manager)	Conditions <input type="checkbox"/> YES, See Attached <input type="checkbox"/> NO	Date



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

DEP USE ONLY
Application Tracking #

Proposed Alternate Method or Material for Casing, Plugging, Venting or Equipping a Well

Well Operator EQT Production Company		DEP ID# 146983	Well Permit or Registration Number 37-125-28977	
Address 400 Woodcliff Drive		Well Farm Name Sarah		
City Canonsburg	State PA	Zip Code 15317	Well # 9H	Serial #
Phone 412-660-0654	Fax 412-395-2974	County Washington		Municipality Union Twp.

A proposed alternate method is subject to provisions in §3221 of the 2012 Oil and Gas Act, 58 Pa. C.S. §3221 Section 13 of the Coal and Gas Resource Coordination Act, 58 P.S. §513 and 25 PA Code §§78.75-78.75a (relating to Alternate Methods.) **Attach proof of notification of coal operator(s).**

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Optional: Approval by Coal Owner or Operator

Signature	Date
Print or Type Signer's Name and Title	

Signature of Applicant / Well Operator

Signature	Date
	4/18/2024
Print or Type Signer's Name and Title	

Regional Manager - Permitting

If optional approval is signed by coal owner or operator, the 15-day objection period may be waived.

DEP USE ONLY		
Approved by (DEP Manager)	Conditions	Date
	<input type="checkbox"/> YES, See Attached <input type="checkbox"/> NO	

