



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 #:	

SHL True Latitude
40.258030

SHL True Longitude
-79.945053

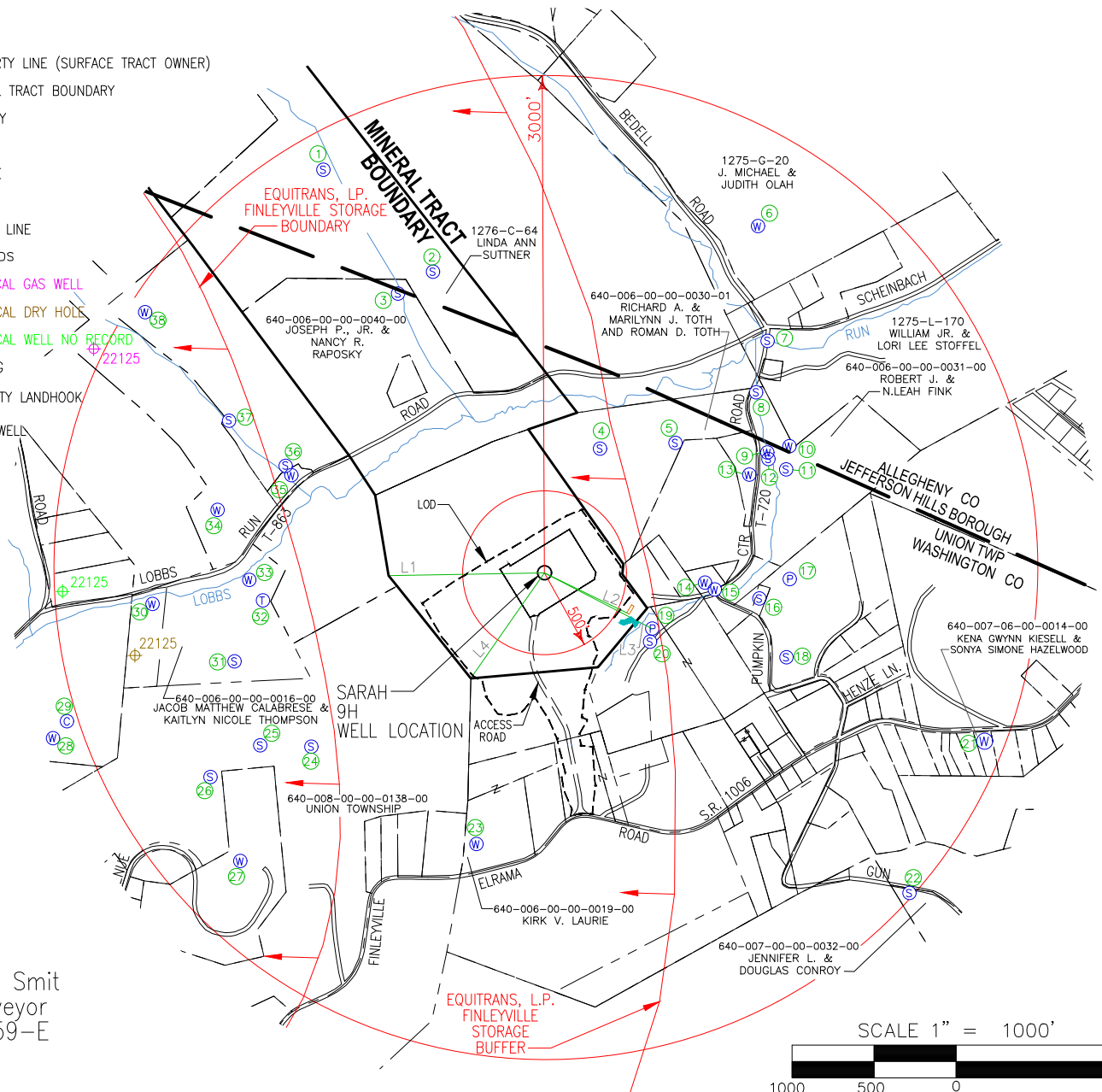
NOTES:
THE PURPOSE OF THIS PLAT IS FOR THE LOCATION OF A PROPOSED GAS WELL AND DOES NOT REPRESENT A CLOSED BOUNDARY SURVEY. PROPERTY LINES AND OWNERS WERE OBTAINED FROM VARIOUS FIELD EVIDENCE, TAX RECORDS, AND AERIAL MAPPING.
NO STRUCTURES EXIST WITHIN 500 FEET OF PROPOSED WELL LOCATION.
THERE ARE NO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

LINE	BEARING	DISTANCE (FEET)
L1	N89°02'41"E	951
L2	S64°11'28"E	558
L3	S62°39'25"E	740
L4	N35°02'02"E	783

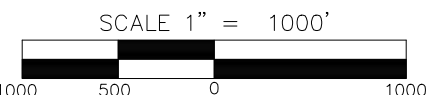
Horizontal Coordinate System:
NAD 83

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
- ⬢ BUILDING
- ↗ PROPERTY LANDHOOK
- (W) WATER WELL
- (T) TANK
- (S) SPRING
- (C) CISTERN
- (P) POND
- (1) WATER SOURCE NUMBER



Thomas C. Smit
Land Surveyor
SU-020659-E



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: 1330± ft.	
Surveyor or Engineer: THOMAS C. SMIT, PLS	Phone #: (412) 278-2100	Dwg #:	Date: 11/24/2021	Scale: 1"=1000'	Unit Acreage: 1365.09	
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.

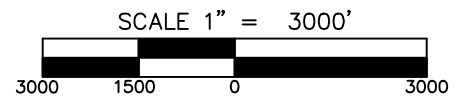
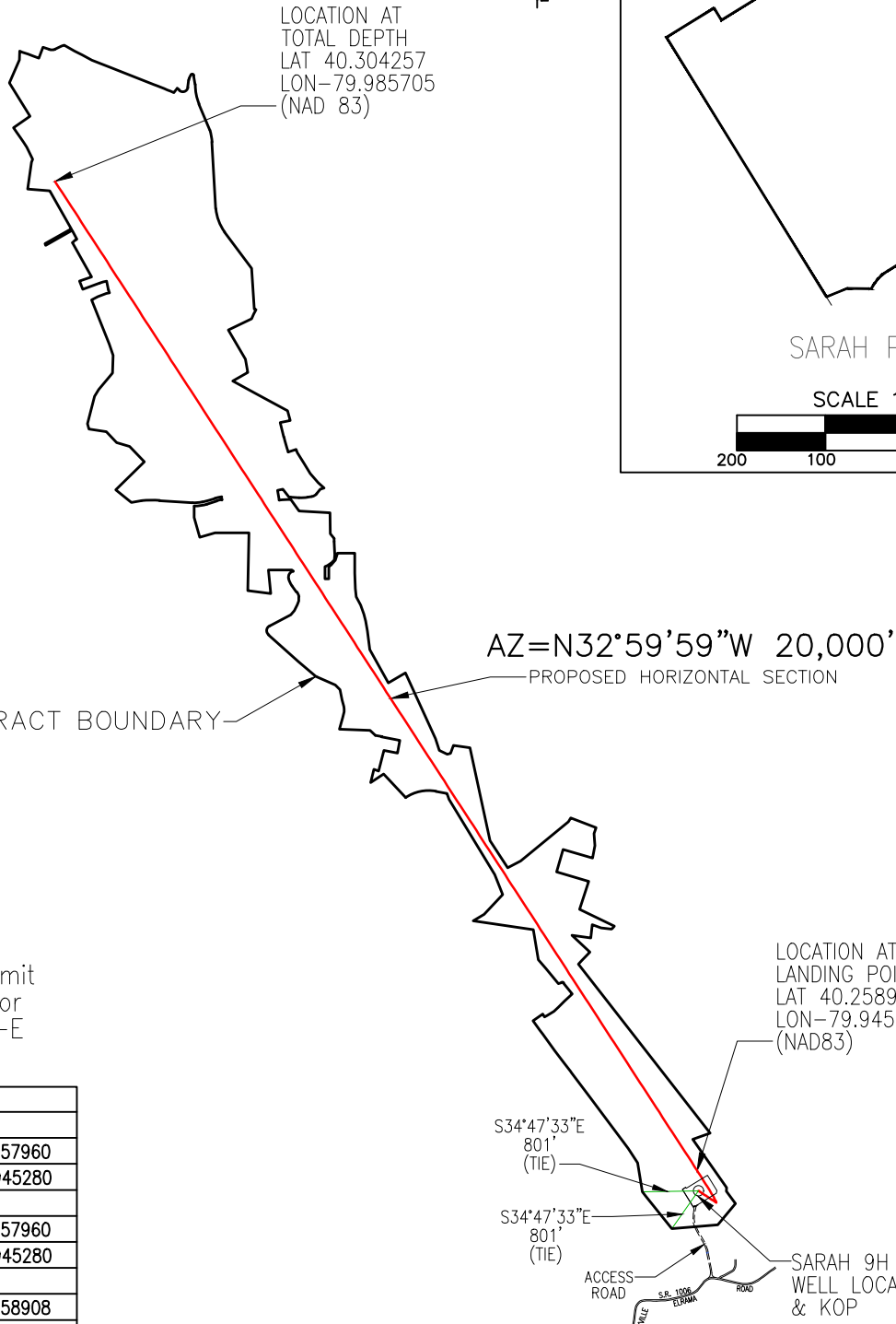
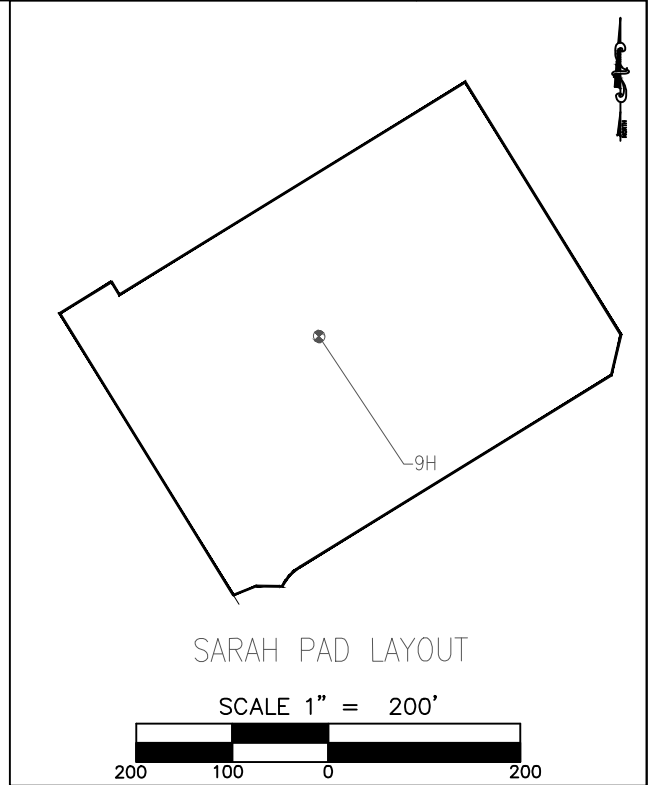
Applicant / Well Operator Name EQT Production Company	DEP ID# 146983	Well (Farm) Name SARAH	Well # 9H	Serial #
Surface Landowner / Lessor: SARAH BICKERTON		Angle & Course of Deviation (Drilling): N32° 31' 24"W 20,304'	Anticipated True Vertical Depth Feet (TVD): 7,545'	Anticipated Total Measured Depth Feet (TMD): 27,924'
Target Formation(s): MARCELLUS		Deepest Formation to be penetrated: MARCELLUS	Number of laterals:1	Total footage to be drilled all laterals: 27,924'
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) JOSEPH P., JR. & NANCY R. RAPOSKY		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) J. MICHAEL & JUDITH 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 #: 9H
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SHL True Latitude 40.258030
SHL True Longitude -79.945053

Horizontal Coordinate System:
NAD 83



TOTAL MINERAL TRACT
ACREAGE 1365.09 Ac.
EXISTING SURFACE ELEVATION- 1330± FT.

Thomas C. Smit
Land Surveyor
SU-020659-E

NAD 27 Coordinates	
Tophole	
LAT	40.257960
LON	-79.945280
KOP	
LAT	40.257960
LON	-79.945280
Landing	
LAT	40.258908
LON	-79.945394
Bottomhole	
LAT	40.304188
LON	-79.985931


WELL LOCATION PLAT

PAGE 4 Well Plan

DEP Use Only	Permit #
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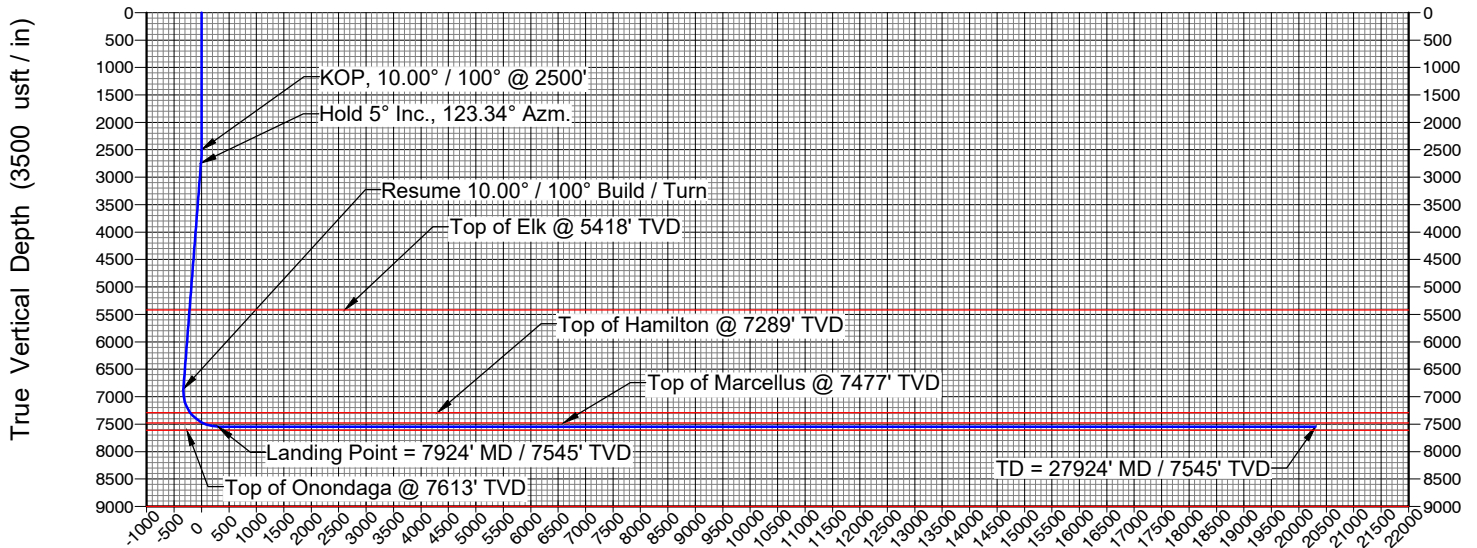
Applicant / Well Operator Name: EQT PRODUCTION COMPANY	DEP ID#: 146983	Well (Farm) Name: SARAH	Well #: 9H
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	TVD	TMD	Latitude	Longitude
KOP :	2,500'	2,500'	40.258030	-79.945053
Landing Point :	7,545'	7,924'	40.258978	-79.945167
Projected Bottom Hole :	7,545'	27,924'	40.304257	-79.985705



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 327.48° (3500 usft / in)