

8000-PM-OOGM0002 4/2012



pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS MANAGEMENT
WELL LOCATION PLAT

PAGE 1 Surface Location

DEP	Auth ID #:	10/29/12
USE	Permit #:	121-45638
ONLY	Project #:	569

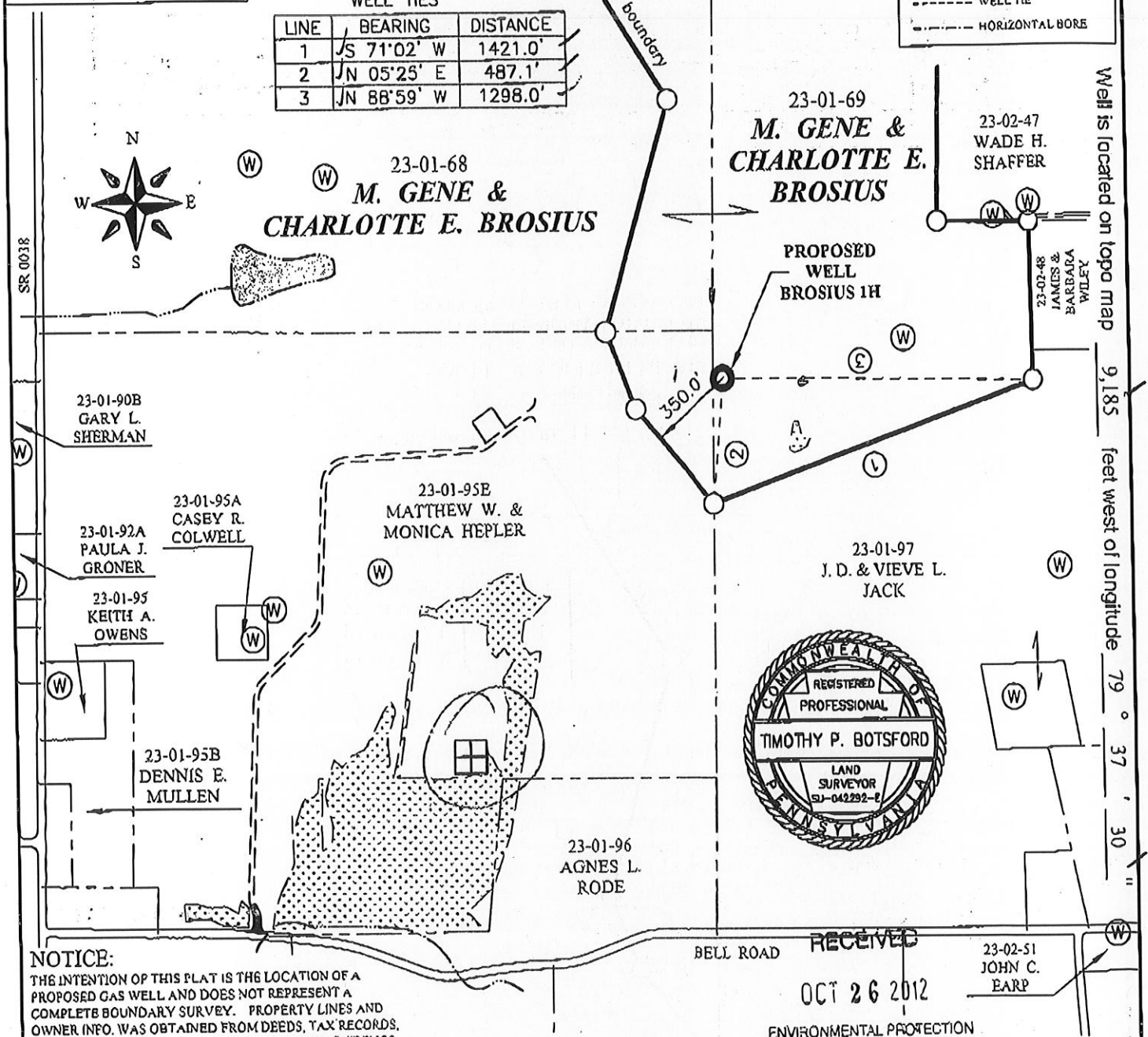
☐ Denotes location of top of well on topo map.
True Latitude: NORTH
41 ° 15 ' 34.10 "
True Longitude: WEST
79 ° 39 ' 30.27 "

Well is located on topo map 11,730 feet south of latitude 41 ° 17 ' 30 "

WELL TIES

LINE	BEARING	DISTANCE
1	S 71°02' W	1421.0'
2	N 05°25' E	487.1'
3	N 88°59' W	1298.0'

LEGEND	
(W)	WATER SUPPLY
—	UNIT BOUNDARY
---	SURFACE BOUNDARY
----	WELL TIE
----	HORIZONTAL BORE



NOTICE:

THE INTENTION OF THIS PLAT IS THE LOCATION OF A PROPOSED GAS WELL AND DOES NOT REPRESENT A COMPLETE BOUNDARY SURVEY. PROPERTY LINES AND OWNER INFO. WAS OBTAINED FROM DEEDS, TAX RECORDS, AERIAL PHOTOGRAPHY, AND FIELD SURVEYED EVIDENCE.

Applicant / Well Operator Name:

CHEVRON APPALACHIA, LLC.

DEP ID#:

279986

Well (Farm) Name:

BROSIUS

Serial #:

MCLS 121-0007

Address

800 MOUNTAIN VIEW DRIVE, SMITHFIELD, PA 15478

County:

VENANGO

Municipality:

RICHLAND TOWNSHIP

Well Type:

GAS/CONSERVATION

911 address of well site:

5065 BELL ROAD, EMLENTON, PA 16373

USGS 7 1/2 Quadrangle Map Name:

CRANBERRY 0808

Map Section:

9

Surface Elevation:

1434 ft.

Surveyor or Engineer:

TIMOTHY P. BOTSFORD

Phone #:

724-397-8888

Dwg #:

AA-489
Map 23-01, Par. 69

Date:

4-16-12

Scale:

1" = 600'

Tract Acreage:

293.43

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NORTHWEST REGIONAL OFFICE

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WELL LOCATION PLAT

Page 2 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: CHEVRON APPALACHIA, LLC.	DEP ID#: 279986	Well (Farm) Name: BROSIOUS	Well #: 1H	Serial #: MCLS 121-0007
Surface Landowner / Lessor: M. GENE & CHARLOTTE E. BROSIOUS		Angle & Course of Deviation (Drilling): N 24° 20' W, 6502.3'	Anticipated True Vertical Depth Feet (TVD): 9300'	Anticipated Total Measured Depth Feet (TMD): 11280'
Target Formation(s): MARCELLUS SHALE		Deepest Formation to be penetrated: Trenton	Number of laterals: 1	Total footage to be drilled laterals: 16580'
Surface Owner/Water Purveyor w/Water Supply within 1000'/3000'		Latitude Longitude of Water Supply		
/ M. GENE & CHARLOTTE E. BROSIOUS /		41° 15' 35.71" / 79° 39' 20.41"		
/ WADE H. SHAFFER /		41° 15' 40.43" / 79° 39' 15.53"		
/ WADE H. SHAFFER /		41° 15' 40.92" / 79° 39' 13.57"		
/ J. D. & VIEVE JACK /		41° 15' 27.09" / 79° 39' 11.78"		
/ J. D. & VIEVE JACK /		41° 15' 22.08" / 79° 39' 14.31"		
/ JOHN C. EARP /		41° 15' 13.12" / 79° 39' 08.62"		
/ KEITH A. OWENS /		41° 15' 22.25" / 79° 40' 05.88"		
/ CASEY R. COLWELL /		41° 15' 24.04" / 79° 39' 55.58"		
/ MATTHEW W. & MONICA HEPLER /		41° 15' 25.18" / 79° 39' 55.54"		
/ MATTHEW W. & MONICA HEPLER /		41° 15' 26.63" / 79° 39' 48.68"		
/ PAULA J. GRONER /		41° 15' 26.10" / 79° 40' 08.34"		
/ GARY L. SHERMAN /		41° 15' 31.06" / 79° 40' 08.06"		
/ M. GENE & CHARLOTTE E. BROSIOUS /		41° 15' 42.18" / 79° 39' 55.82"		
/ M. GENE & CHARLOTTE E. BROSIOUS /		41° 15' 41.68" / 79° 39' 51.72"		
		RECEIVED SEP 18 2012 ENVIRONMENTAL PROTECTION NORTHWEST REGIONAL OFFICE		
		SEP 04 2012		
		DEP, SOUTHWEST REGION		
		OIL & GAS		
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		
VENANGO COUNTY: / RICHLAND TWP. /				
/ EMLENTON BORO. /				
/ SCRUBGRASS TWP. /				
/ ROCKLAND TWP. /		Coal related parties:		
CLARION COUNTY: / ASHLAND TWP. /				
/ SALEM TWP. /				
/ RICHLAND TWP. /				

WELL LOCATION PLAT

If well has a lateral other than vertical show the bottom hole location on the plat drawing and include the Coordinates in the provided section at the bottom of the drawing area. The top hole and bottom hole locations are to be connected by a bolded line this is to depict the proposed courses of the actual wellbore to be drilled.

Applicant / Well Operator Name:

CHEVRON APPALACHIA, LLC.

DEP ID#:
279986

Well (Farm) Name:
BROSIUS

Well #
1H

LEGEND

WATER SUPPLY

UNIT BOUNDARY

SURFACE BOUNDARY

WELL TIE

HORIZONTAL BORE

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**PROPOSED
BOTTOM HOLE**

LAT: 41°16'32.05"
LON: 79°40'07.03"

CHEVRON HAS OBTAINED
THE MINERAL RIGHTS TO
THE AREA WITHIN THE UNIT"

UNIT TRACT
ACREAGE = 293.43

WELL TIES

LINE	BEARING	DISTANCE
1	S 71°02' W	1421.0'
2	N 08°26' E	487.1'

**PROPOSED
LANDING**

LAT: 41°15'47.48"
LON: 79°39'27.92"

**PROPOSED
WELL
BROSIUS 1H**

LAT: 41°15'34.10"
LON: 79°39'30.27"

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NORTHWEST REGIONAL OFFICE

PROPOSED WELL HEADS

SR 2009 NICKLEVILLE - KAHLE LAKE ROAD

GORHAM LN.

3500' 0 1000 2000 3000

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WELL LOCATION PLAT

Page 4 Cross Section

Applicant / Well Operator Name Chevron Appalachia, LLC	DEP ID# 279986	Well (Farm) Name Brosius	Well # 1H
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ENVIRONMENTAL PROTECTION
NORTHWEST REGIONAL OFFICE

WELL PLAN

DEP
Use
Only

Permit #

Latitude

Longitude

Notes:

KOP: TVD: 4000' TMD: 4000'

41° 15' 34.10" N

79° 39' 30.27" W

LP: TVD: 4979' TMD: 5870'

41° 15' 47.48" N

79° 39' 27.92" W

