



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
Oil and Gas Management Program
WELL LOCATION PLAT

DEP USE ONLY	DEP Application Tracking #	G: 9/30/11
	Permit #	C:
	Project #	

Denotes location of well on topo map.

True Latitude: NORTH NAD 83
40 ° 47 ' 36.62"

True Longitude: WEST NAD 83
79 ° 49 ' 44.60"

BOTTOM HOLE: NORTH NAD 83
40 ° 48 ' 14.69"

BOTTOM HOLE: WEST NAD 83
79 ° 50 ' 09.41"



Well is located on topo map 14510 feet south of latitude

40 ° 50 ' 00 " /

PAUL SMITH UNIT
327 ACRES

LOC - A N 00°-42' W - 2637.53'
LOC - B S 77°-33' W - 1222.84'
A - B = S 21°-49' W - 3124.81'
A = CL ROAD & PROPERTY LINE
B = PROPERTY CORNER

Well is located on topo map

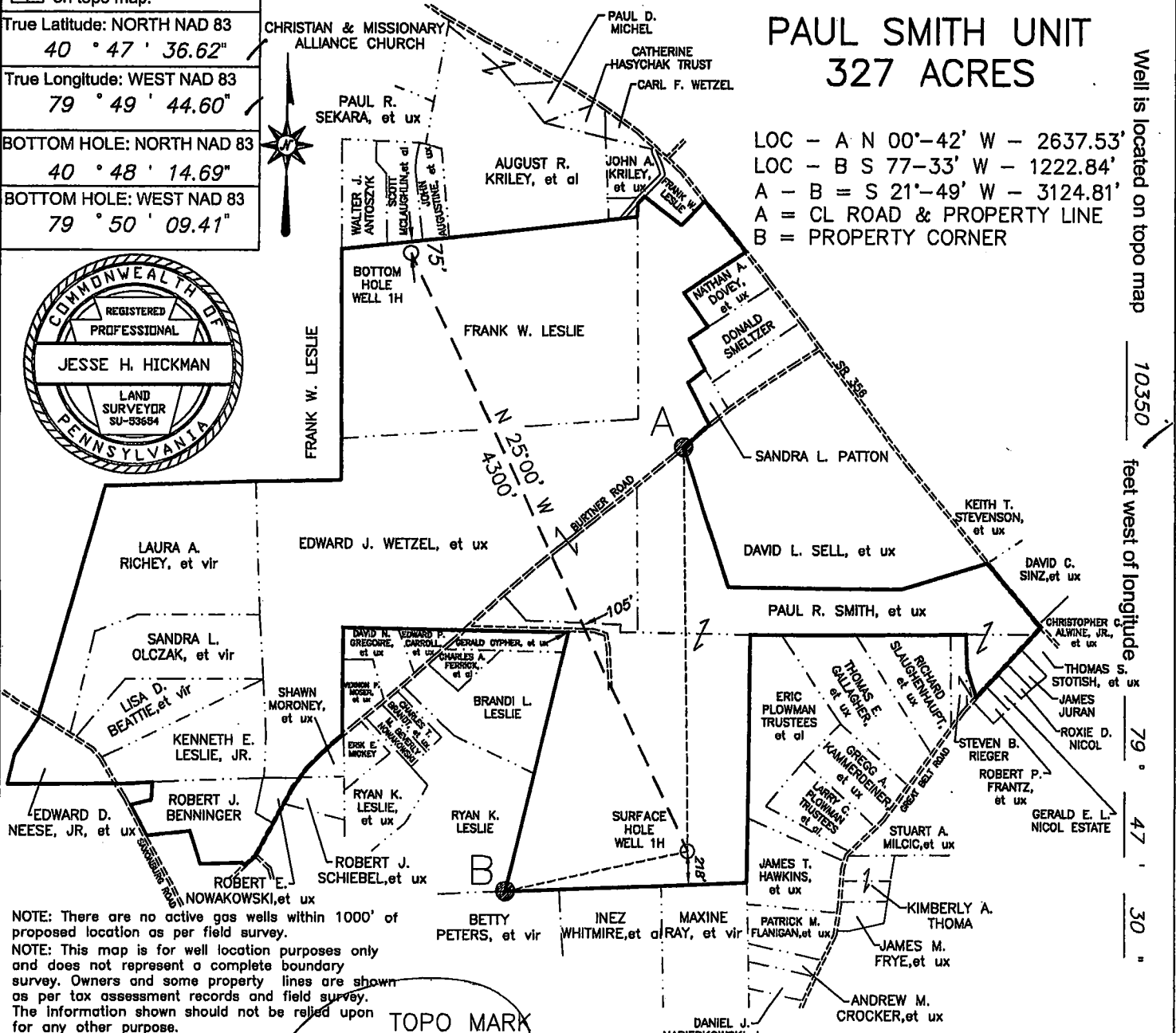
10350

feet west of longitude

79 °

47

30 "



NOTE: There are no active gas wells within 1000' of proposed location as per field survey.

NOTE: This map is for well location purposes only and does not represent a complete boundary survey. Owners and some property lines are shown as per tax assessment records and field survey. The information shown should not be relied upon for any other purpose.

Surveyor or Engineer Jesse H. Hickman Phone # SU - 53654 412-548-0733

TOPO MARK

Dwg. # BK 48 PG 17
PSMITH UNIT AH.DWG

Date 8-9-11

Scale 1" = 1000 FEET Tract N/A Acreage 327

Lat. & Long Metadata Method DIRECT GPS Accuracy ± 3' ft. Datum NAD 83		Elevation Metadata Method USGS TOPO Accuracy +/- 5' ft. Datum NGVD 29 7-7-11	
Applicant / Well Operator Name XTO ENERGY, INC.		Well(Farm) Name PAUL SMITH UNIT	
Address 602 KEYSTONE DRIVE WARRENDALE, PA. 15086		County - Code BUTLER-10	Municipality JEFFERSON TWP
Surface Landowner PAUL R. SMITH, et ux		USGS 7 1/2 Quadrangle Map Name SAXONBURG	Map Section 5
Target Formation(s) MARCELLUS		Anticipated Total Depth TVD 6,300 ft	TMD 11,500 ft
Surface Owner or Water Purveyor with a Water Supply within 1,000 ft.	Approximate Course and Distance to Water Supply	Owner, Lessee, or Operator of Workable Coal Seam	Name of Coal Seam Owned, Leased, or Operated
SEE ATTACHED SHEET		PAUL SMITH (OWNER)	ALL SEAMS
SEP 20 2011			
ENVIRONMENTAL PROTECTION NORTHWEST REGIONAL OFFICE			

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Auth ID #

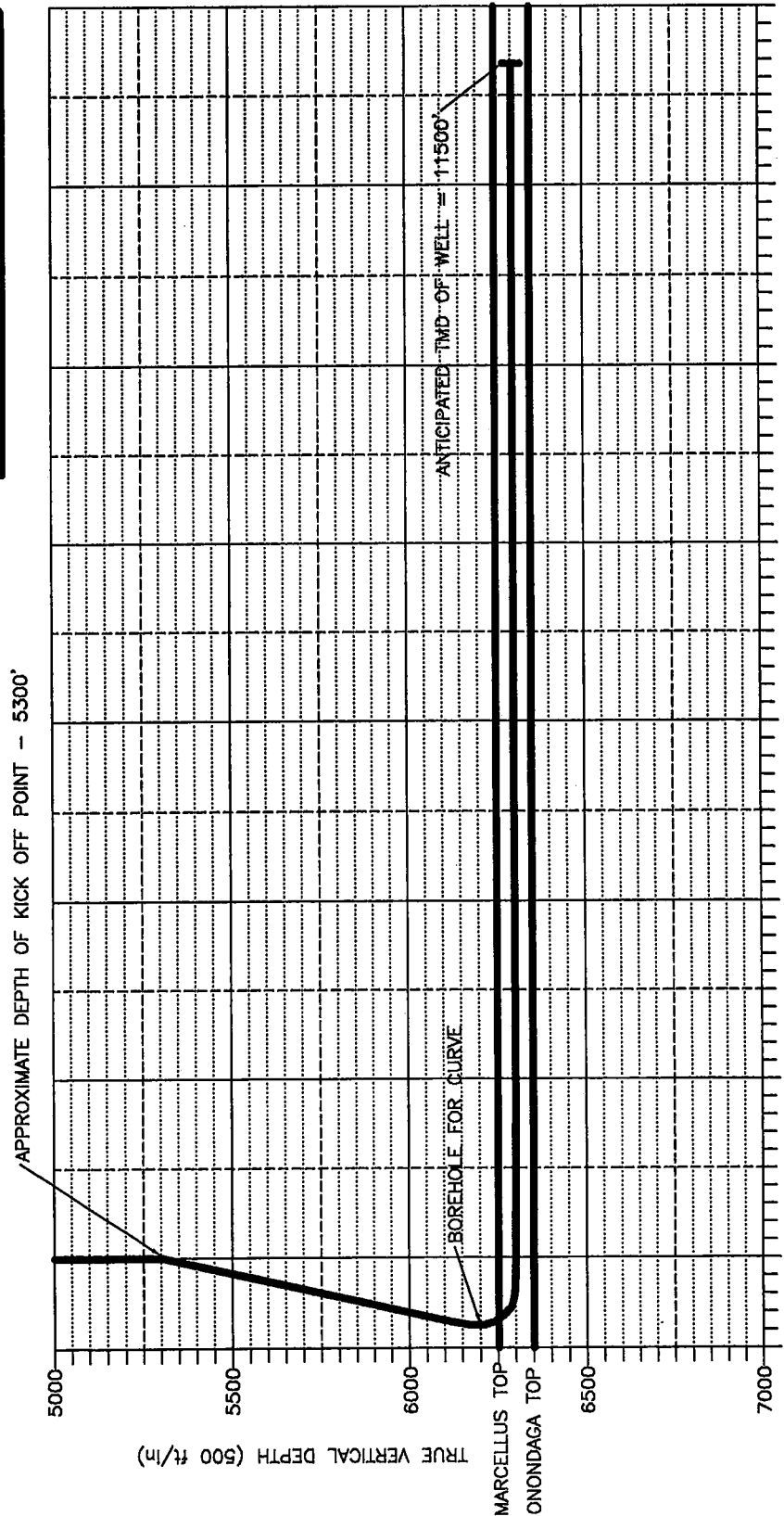
ASIN ID #
019-21903

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XTO ENERGY INC
HORIZONTAL WELL-BORE SCHEMATIC
PAUL SMITH UNIT #1H
JEFFERSON TOWNSHIP, BUTLER COUNTY

ANTICIPATED TVD = 6300'
ADDITIONAL BOREHOLE FOR CURVE = 900'
LENGTH OF LATERAL BOREHOLE = 4300'
ANTICIPATED TMD = 111500'



NOT TO SCALE

RECEIVED

SEP 09 2011

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