

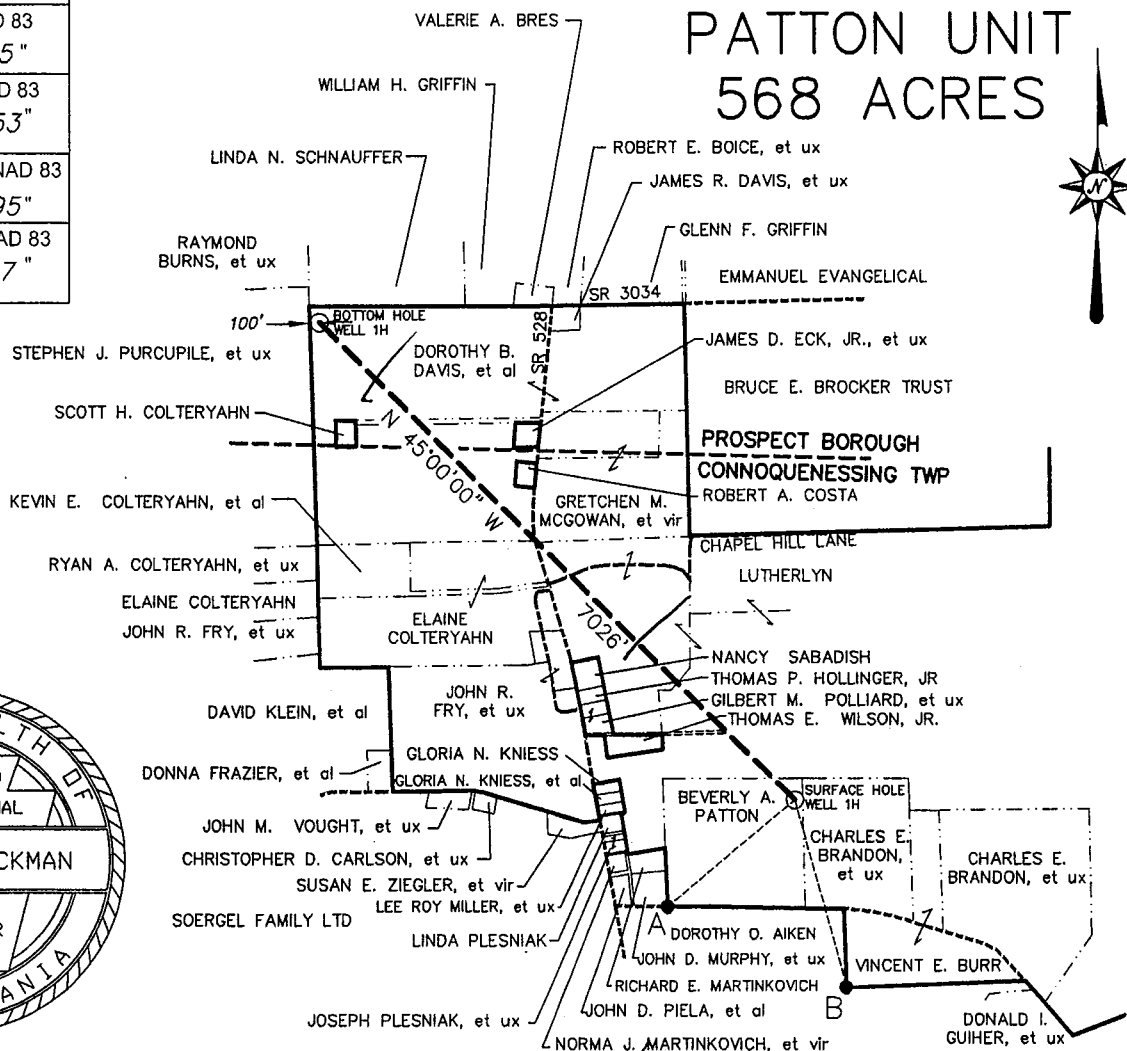


COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
Oil and Gas Management Program
WELL LOCATION PLAT

DEP USE ONLY	DEP Application Tracking #	G: <u>10/19/11</u> C:
	Permit #	
	Project #	
019-21906		

☐	Denotes location of well on topo map.
True Latitude: NORTH NAD 83 40 ° 52 ' 38.15"	
True Longitude: WEST NAD 83 80 ° 02 ' 05.53"	
BOTTOM HOLE: NORTH NAD 83 40 ° 53 ' 25.95"	
BOTTOM HOLE: WEST NAD 83 80 ° 03 ' 11.87"	

Well is located on topo map 4355 feet south of latitude 40 ° 55 ' 00 "



Well is located on topo map

9641

feet west of longitude

80 ° 00 ' 00 "

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.

LOC - A S 50°-16' W - 1729.10'
LOC - B S 15°-11' E - 2009.95'
A - B = S 65°-47' E - 2035.61'
A = CL ROAD & PROPERTY LINE
B = PROPERTY CORNER

Surveyor or Engineer Jesse H. Hickman
SU - 53654

TOPO MARK



BK 48 PG 19
Dwg. # PATTON AH.DWG

Date 8-15-11

Scale 1" = 2000' FEET

Tract N/A
Acreage 568

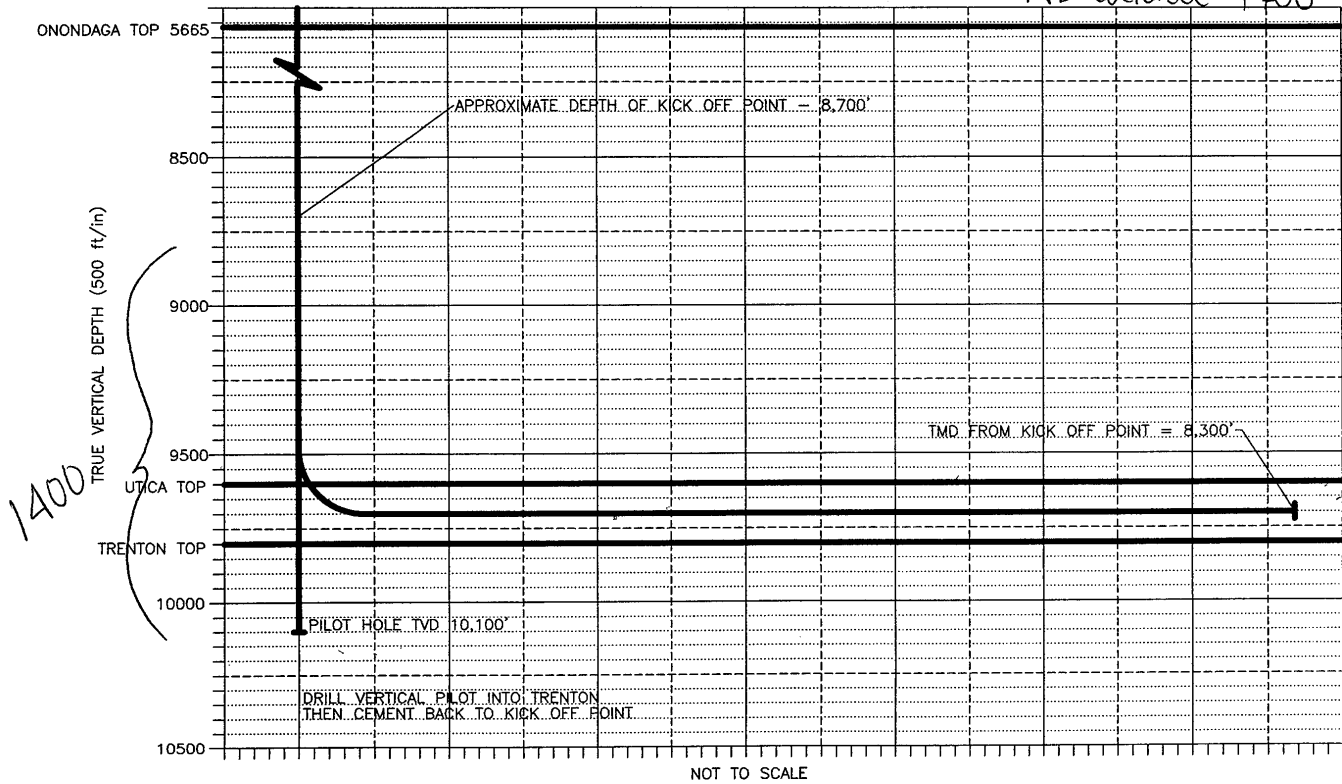
Lat. & Long Metadata Method <u>DIRECT GPS</u> Accuracy <u>± 3'</u> ft. Datum <u>NAD 83</u>		Elevation Metadata Method <u>USGS TOPO</u> Accuracy <u>+/- 5'</u> ft. Datum <u>NGVD 29</u>		Survey Date <u>7-19-11</u>	
Applicant / Well Operator Name <u>XTO ENERGY, INC.</u>		Well (Farm) Name <u>PATTON UNIT</u>		Well # <u>1H</u>	
Address <u>502 KEYSTONE DRIVE WARRENDALE, PA. 15086</u>		County - Code <u>BUTLER-10</u>		Municipality <u>CONNOQUENESSING TWP.</u>	
Surface Landowner <u>BEVERLY A. PATTON</u>		USGS 71/2 Quadrangle Map Name <u>PROSPECT</u>		Map Section <u>9</u>	
Target Formation(s) <u>UTICA</u>		Angle & Course of Deviation (Drilling) <u>DEVIATED-SEE ATTACHMENT 4</u>		Anticipated Total Depth <u>TMD 18,400'</u>	
Surface Owner or Water Purveyor with a Water Supply within 1,000 ft. <u>W-2507 LUTHERLYN</u>		Approximate Course and Distance to Water Supply <u>N 42-17 W 940'</u>		Owner, Lessee, or Operator of Workable Coal Seam <u>NON-COAL</u>	
				Name of Owner, Lessee, or Operator <u>RECEIVED</u>	
				Date <u>SEP 29 2011</u>	
				ENVIRONMENTAL PROTECTION NORTHWEST REGIONAL OFFICE	

RECEIVED
SEP 18 2011
ENVIRONMENTAL PROTECTION
NORTHWEST REGIONAL OFFICE

XTO ENERGY, INC.
HORIZONTAL WELL-BORE SCHEMATIC
PATTON UNIT #1H
CONNOQUENESSING TOWNSHIP, BUTLER COUNTY

ANTICIPATED TVD OF PILOT = 10,100'
TMD - KOP = 17,000-8,700 = 8,300'
TOTAL FOOTAGE = 18,400'

TVD lateral 9700'



019-21902

TOPO GEO

5500-PM-OG0002-DWG Rev. 09/2008



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

DEP USE ONLY	DEP Application Tracking #	143 2/6/2012
	Permit #	
	Project #	

☐	Denotes location of well on topo map.
True Latitude: NORTH NAD 83 40 ° 52 ' 38.15"	
True Longitude: WEST NAD 83 80 ° 02 ' 05.53"	
BOTTOM HOLE: NORTH NAD 83 40 ° 53 ' 25.95"	
BOTTOM HOLE: WEST NAD 83 80 ° 03 ' 11.87"	

Well is located on topo map 14355 feet south of latitude 40 ° 55 ' 00 "

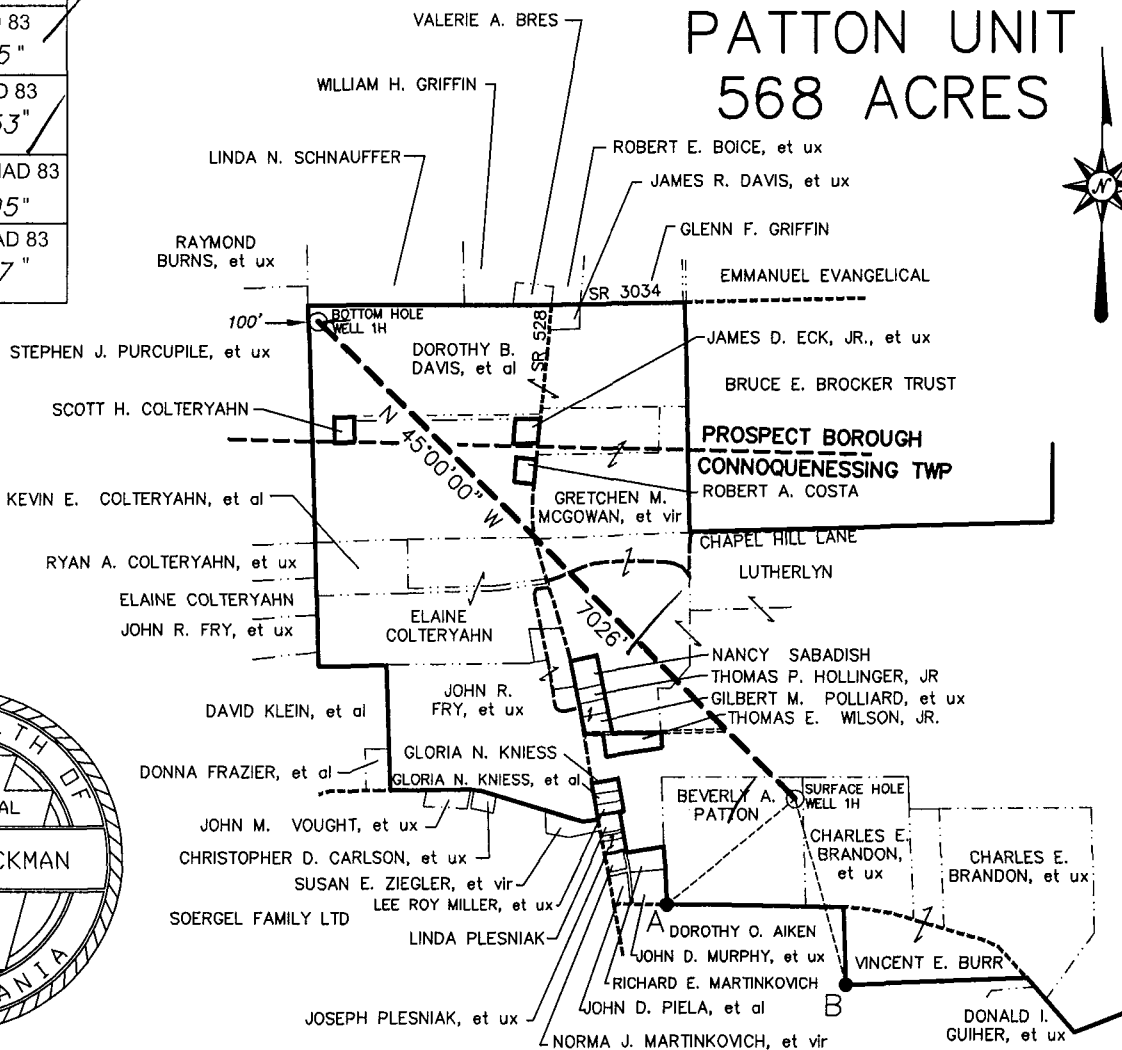
PATTON UNIT
568 ACRES

Well is located on topo map

9841

feet west of longitude

80 ° 00 ' 00 "



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LOC - A S 50°-16' W - 1729.10'
LOC - B S 15°-11' E - 2009.95'
A - B = S 65°-47' E - 2035.61'
A = CL ROAD & PROPERTY LINE
B = PROPERTY CORNER

Surveyor or Engineer Jesse H. Hickman
SU - 53654

TOPO MARK

Phone #412-549-0733

BK 48 PG 19
Dwg # PATTON AH.DWG

Date 8-15-11

Scale 1" = 2000 FEET

Tract N/A
Acreage 568

Lat. & Long Metadata Method DIRECT GPS Accuracy ± 3' ft. Datum NAD 83		Elevation Metadata Method USGS TOPO Accuracy +/- 5' ft. Datum NGVD 29 7-19-11	
Applicant/Well Operator Name XTO ENERGY, INC.		Well(Farm) Name PATTON UNIT	
Address 502 KEYSTONE DRIVE WARRENDALE, PA. 15086		County - Code BUTLER-10	Municipality CONNOQUENESSING TWP.
Surface Landowner BEVERLY A. PATTON		USGS 7 1/2 Quadrangle Map Name PROSPECT	Map Section 9
Target Formation(s) UTICA		Angle & Course of Deviation (Drilling) DEVIATED-SEE ATTACHMENT	PILOT HOLE TVD 1026
Surface Owner or Water Purveyor with a Water Supply within 1,000 ft. W-2507 LUTHERLYN		Approximate Course and Distance to Water Supply N 42-17 W 940'	Owner, Lessee, or Operator of Workable Coal Seam NON-COAL
		Name of Coal Seam Owned, Leased, or Operated JAN 25 2012	
ENVIRONMENTAL PROTECTION NORTHWEST REGIONAL OFFICE			



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

WELL LOCATION PLAT

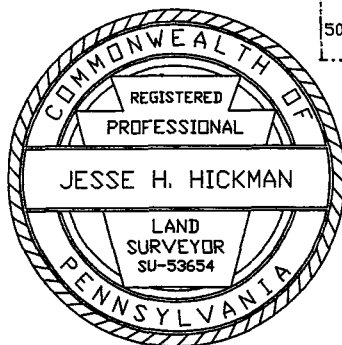
Page 1 Surface Location

019-22130

DEP USE ONLY	Auth ID #	019-22130
	Permit	09-220
	Project #	

☐	Denotes location of well on topo map.
NAD 83	
Surface Hole	
LAT. 40 ° 52 ' 38.03" N	
LON. 80 ° 02 ' 05.49" W	
NAD 27	
Surface Hole	
LAT. 40 ° 52 ' 37.80" N	
LON. 80 ° 02 ' 06.28" W	

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.



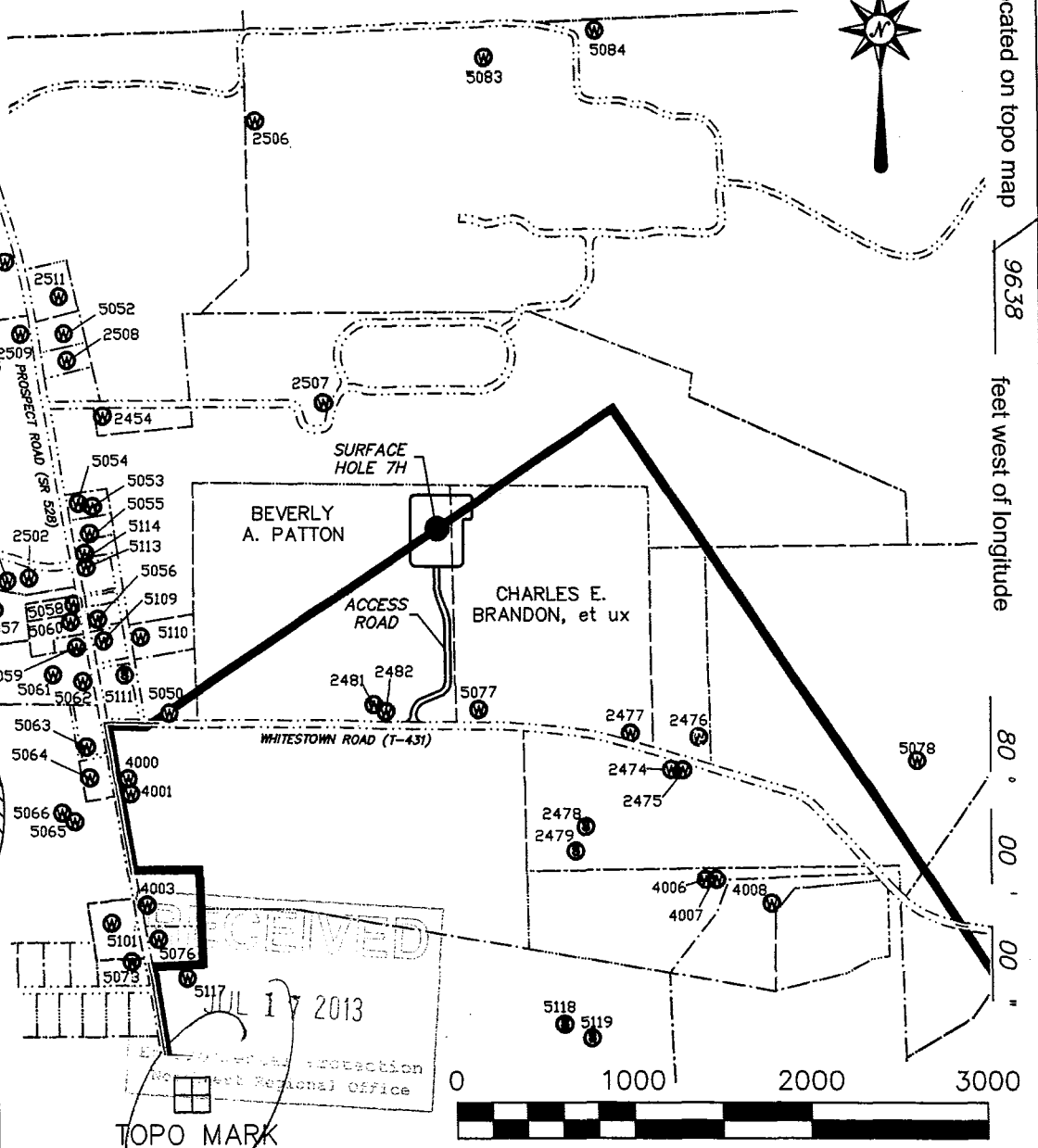
LEGEND

- PROPOSED TOP HOLE
- W WATER WELL
- S SPRING
- SURFACE BOUNDARY
- TRACT BOUNDARY

Well is located on topo map 14367 feet south of latitude 40 ° 55 ' 00 "

PATTON B UNIT

640 ACRES



Well is located on topo map 9638 feet west of longitude 80 ° 00 ' 00 "

Applicant / Well Operator Name: XTO ENERGY, INC.		DEP ID #: 265476	Well (Farm) Name: PATTON B UNIT		Well #: 7H	Serial #: N/A
Address: 502 KEYSTONE DRIVE WARRENDALE, PA 15086		County: BUTLER	Municipality: CONNOQUENESSING TWP		Well Type: GAS	
911 address of well site: 1313 WHITESTOWN ROAD, PROSPECT, PA 16052		USGS 7½ Quadrangle Map Name: PROSPECT	Map Section: 9		Surface Elevation: 1294 ft.	
Surveyor or Engineer: Jesse H. Hickman SU - 53654	Phone #: 412-549-0733	Dwg #: BK 24 PG 18	Date: 6-21-2013	Scale: 1" = 1000	Tract Acreage: 640 ac.	
Lat. & Long Metadata Method: GPS	Accuracy: +/- 5 ft.	Datum: NAD 1983	Elevation Metadata Method: GPS	Accuracy: +/- 5 ft.	Datum: NAVD 1988	Survey Date: 5-22-13

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 XTO Energy, Inc.		DEP ID# 265476	Well (Farm) Name PATTON B UNIT		Well # 7H	Serial # N/A
Surface Landowner / Lessor: BEVERLY A. PATTON			Angle & Course of Deviation Drilling): S 33°58'43" E	Anticipated True Vertical Depth Feet (TVD): 5455'	Anticipated Total Measured Depth Feet (TMD): 13094'	
Target Formation(s): Marcellus			Deepest Formation to be penetrated: Marcellus	Number of laterals: 1	Total footage to be drilled all laterals: 13094'	
Surface Owner/Water Purveyor w/Water Supply within 1000'/3000'			Latitude Longitude of Water Supply			
3256)	2507)	Lutherlyn	950'	N40°52'44.84"	W80°02'13.98"	
	2506)	Lutherlyn	2512'	N40°53'00.39"	W80°02'19.68"	
	5083)	Lutherlyn	2656'	N40°53'04.18"	W80°02'02.67"	
	5084)	Lutherlyn	2936'	N40°53'05.82"	W80°01'54.51"	
	2481)	Beverly A. Patton	1038'	N40°52'28.20"	W80°02'09.37"	
	2482)	Beverly A. Patton	1067'	N40°52'27.83"	W80°02'08.99"	
	5077)	Charles E. Brandon, et ux	1039'	N40°52'28.07"	W80°02'02.17"	
	2477)	Charles E. Brandon, et ux	1614'	N40°52'26.70"	W80°01'50.70"	
	5062)	Charles Brandon	2174'	N40°52'29.08"	W80°02'31.22"	
	5061)	Charles Brandon	2302'	N40°52'29.57"	W80°02'33.31"	
	5078)	Charles E. Brandon	2999'	N40°52'25.87"	W80°01'29.89"	
	5110)	Richard E. Martinkovich	1781'	N40°52'31.62"	W80°02'27.08"	
	5109)	Norma J Martinkovich, et vir	1985'	N40°52'31.36"	W80°02'29.80"	
	5050)	John D Murphy, et ux	1841'	N40°52'27.31"	W80°02'24.85"	
	2478)	Vincent E. Burr	1869'	N40°52'21.71"	W80°01'54.10"	
	2476)	Vincent E. Burr	1881'	N40°52'26.83"	W80°01'45.94"	
	2474)	Vincent E. Burr	1916'	N40°52'25.23"	W80°01'47.10"	
	2475)	Vincent E. Burr	1928'	N40°52'25.21"	W80°01'46.93"	
	2479)	Vincent E. Burr	1968'	N40°52'20.35"	W80°01'54.80"	
	5111)	Edward Piela, et ux	1929'	N40°52'29.54"	W80°02'27.98"	
	5055)	Gloria N. Kniess, et al C/O Diane McDowell	1962'	N40°52'37.04"	W80°02'30.99"	
	5053)	Gloria Kniess	1994'	N40°52'38.83"	W80°02'31.43"	
	5054)	Gloria Kniess	2027'	N40°52'38.97"	W80°02'31.85"	
	5056)	Joseph and Linda L. Plesniak	1982'	N40°52'32.56"	W80°02'30.26"	
	5114)	Joseph and Linda L. Plesniak	1982'	N40°52'35.96"	W80°02'31.16"	
	5113)	Linda L. Frasca / now Linda L. Plesniak	1991'	N40°52'35.43"	W80°02'31.19"	
	2454)	Thomas E. Wilson Jr.	1988'	N40°52'43.83"	W80°02'30.22"	
	5058)	Frederick C. Carnahan, et ux	2092'	N40°52'33.36"	W80°02'32.02"	
	5060)	Amy J. Zang, et vir	2131'	N40°52'32.37"	W80°02'32.21"	
	5059)	Charles T. Warsing	2139'	N40°52'30.96"	W80°02'31.73"	

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 XTO Energy, Inc.		DEP ID# 265476	Well (Farm) Name PATTON B UNIT		Well # 7H	Serial # N/A
Surface Landowner / Lessor: BEVERLY A. PATTON			Angle & Course of Deviation Drilling): S 33°58'43" E	Anticipated True Vertical Depth Feet (TVD): 5455'		Anticipated Total Measured Depth Feet (TMD): 13094'
Target Formation(s): Marcellus			Deepest Formation to be penetrated: Marcellus	Number of laterals: 1	Total footage to be drilled all laterals: 13094'	
Surface Owner/Water Purveyor w/Water Supply within 1000'/3000'			Latitude Longitude of Water Supply			
4001)	Leroy A. Aiken, et ux	2262'	N40°52'23.26"		W80°02'27.60"	
4000)	Leroy A. Aiken, et ux	2265'	N40°52'23.36"		W80°02'27.76"	
2508)	Gilbert M. Polliard, et ux	2305'	N40°52'47.32"		W80°02'32.89"	
2502)	Susan E. Ziegler, et vir	2321'	N40°52'34.74"		W80°02'35.39"	
2503)	Susan E. Ziegler, et vir	2445'	N40°52'34.57"		W80°02'37.00"	
5063)	Jeffrey A. Kennedy, et al	2327'	N40°52'25.46"		W80°02'30.87"	
5052)	Thomas P. Hollinger Jr.	2367'	N40°52'48.33"		W80°02'33.15"	
5064)	Jolinda K. Douthett	2409'	N40°52'23.76"		W80°02'30.59"	
4006)	Ronald D. Spangler, et ux	2505'	N40°52'18.96"		W80°01'44.71"	
4007)	Ronald D. Spangler, et ux	2507'	N40°52'18.98"		W80°01'44.64"	
2511)	Nancy E. Sabadish	2520'	N40°52'50.85"		W80°02'33.62"	
5057)	Edward Wasieleczyk, et ux	2545'	N40°52'32.93"		W80°02'37.93"	
2509)	Lois C. Fry, et vir	2589'	N40°52'48.22"		W80°02'36.40"	
2525)	Lois C. Fry, et vir	2734'	N40°52'47.41"		W80°02'38.87"	
2512)	Lois C. Fry, et vir	2857'	N40°52'52.22"		W80°02'37.64"	
2524)	Lois C. Fry, et vir	2931'	N40°52'46.08"		W80°02'42.15"	
5115)	Soergel Family Limited Partnership	2603'	N40°52'36.09"		W80°02'39.28"	
5065)	Robert E. Burr, et ux	2624'	N40°52'21.31"		W80°02'31.59"	
5066)	Robert E. Burr, et ux	2652'	N40°52'21.76"		W80°02'32.56"	
4003)	Mary L. Murray, et al	2677'	N40°52'16.77"		W80°02'26.24"	
5076)	Aaron R. Winchell	2812'	N40°52'14.56"		W80°02'25.09"	
4008)	Francis E. Wakely, et ux	2854'	N40°52'17.77"		W80°01'39.64"	
5118)	Reuben Holt Jr., et al C/O Gloria M. Horner	2867'	N40°52'10.75"		W80°01'55.40"	
5117)	Reuben Holt Jr., et al C/O Gloria M. Horner	2891'	N40°52'12.80"		W80°02'23.14"	
5119)	Reuben Holt Jr., et al C/O Gloria M. Horner	2984'	N40°52'10.01"		W80°01'53.37"	
5101)	Donald E. Patton, et ux	2884'	N40°52'15.71"		W80°02'28.84"	
5073)	Mt. Nebo Presbyterian Church	2983'	N40°52'13.61"		W80°02'27.25"	

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.

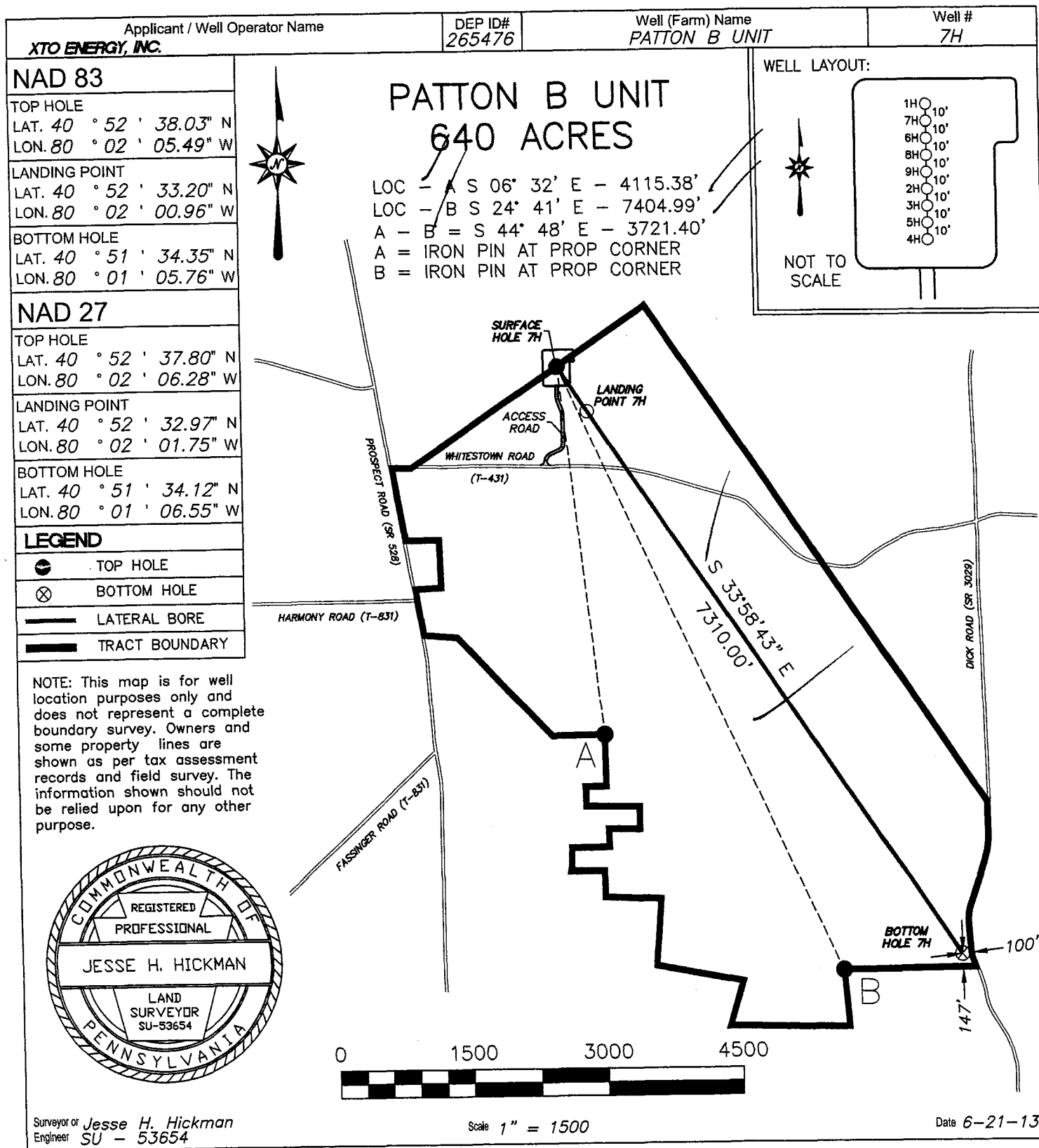
Applicant / Well Operator Name XTO Energy, Inc.	DEP ID# 265476	Well (Farm) Name PATTON B UNIT	Well # 7H	Serial # N/A
Surface Landowner / Lessor: BEVERLY A. PATTON		Angle & Course of Deviation Drilling: S 33°58'43" E	Anticipated True Vertical Depth Feet (TVD): 5455'	Anticipated Total Measured Depth Feet (TMD): 13094'
Target Formation(s): Marcellus		Deepest Formation to be penetrated: Marcellus	Number of laterals: 1	Total footage to be drilled all laterals: 13094'

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
Connoquenessing Township	
Prospect Borough	
Muddy Creek Township	
Franklin Township	
Center Township	
Butler Township	
Penn Township	
Forward Township	
Jackson Township	Coal related parties
Lancaster Township	NO WORKABLE COAL SEAMS
Connoquenessing Borough	

WELL LOCATION PLAT

PAGE 3 Plan View of Deviated Well Bore

If well has a lateral other than vertical show the bottom hole location on the plat drawing as $\otimes$ 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.



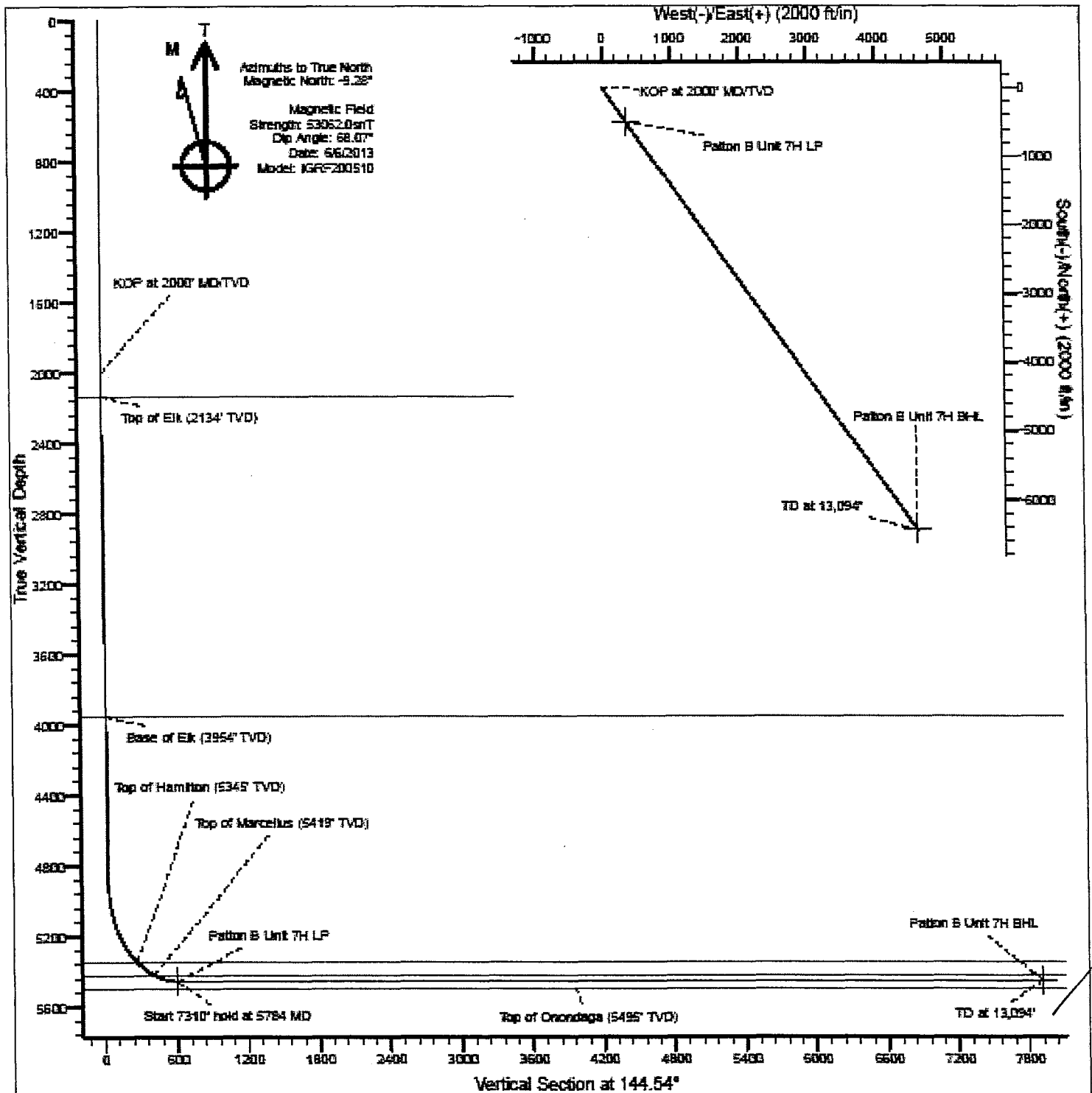
WELL LOCATION PLAT

Page 4 Cross Section

Applicant/Well Operator Name
XTO ENERGY, INC.DEP ID#
265476Well (Farm) Name
PATTON B UNITWell #
7H

	KOP:	TVD:	2000'	TMD:	2000'	Latitude	Longitude
Landing Point	TVD:	5455'	TMD:	5784'	40 52 38.03	80 02 05.49	
					40 52 33.20	80 02 00.96	

DEP	Permit #
Use	
Only	





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

WELL LOCATION PLAT

Page 1 Surface Location

DEP USE ONLY	Auth ID #:	G:
	Permit # 019-22130	
	Project #	

Denotes location of well on topo map.

NAD 83

Surface Hole

LAT. 40 ° 52 ' 37.98" N

LON. 80 ° 02 ' 05.48" W

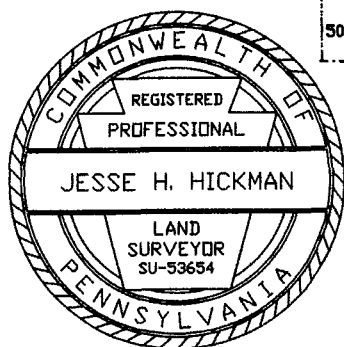
NAD 27

Surface Hole

LAT. 40 ° 52 ' 37.75" N

LON. 80 ° 02 ' 06.27" W

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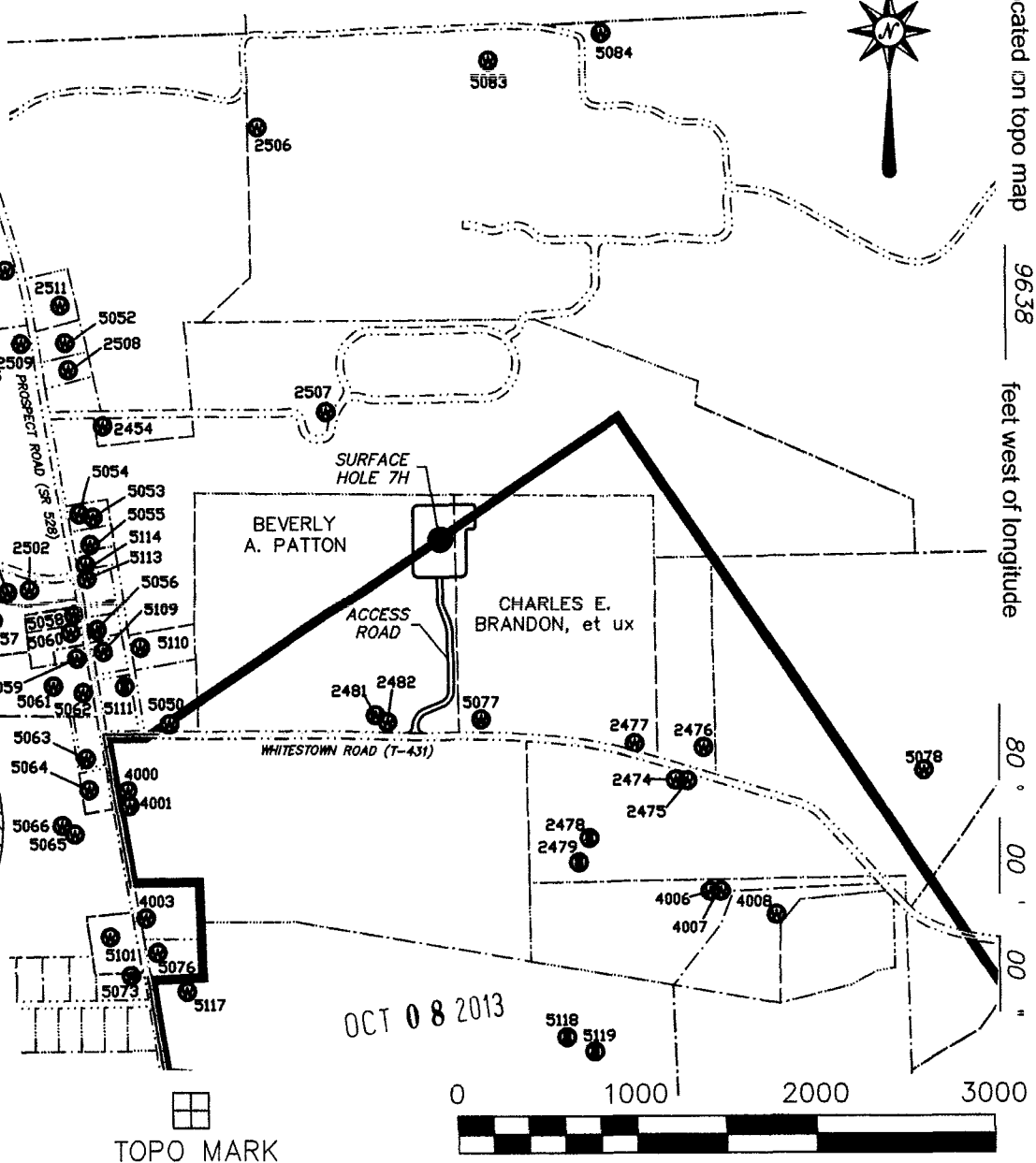
LEGEND

- PROPOSED TOP HOLE
- ⊙ WATER WELL
- ⊙ SPRING
- SURFACE BOUNDARY
- TRACT BOUNDARY

Well is located on topo map 14373 feet south of latitude 40 ° 55 ' 00 "

PATTON B UNIT

640 ACRES



Applicant / Well Operator Name: XTO ENERGY, INC.		DEP ID #: 265476	Well (Farm) Name: PATTON B UNIT		Well #: 7H	Serial #: N/A
Address: 502 KEYSTONE DRIVE WARRENDALE, PA. 15086			County: BUTLER	Municipality: CONNOQUENESSING TWP	Well Type: GAS	
911 address of well site: 1313 WHITESTOWN ROAD, PROSPECT, PA 16052			USGS 7 1/2 Quadrangle Map Name: PROSPECT	Map Section: 9	Surface Elevation: 1294 ft.	
Surveyor or Engineer: Jesse H. Hickman SU - 53654	Phone #: 412-549-0733	Dwg #: BK 24 PG 18	Date: 10-3-2013	Scale: 1" = 1000	Tract Acreage: 640 ac.	
Lat. & Long Metadata Method: GPS	Accuracy: +/- 5 ft.	Datum: NAD 1983	Elevation Metadata Method: GPS	Accuracy: +/- 5 ft.	Datum: NAVD 1988	Survey Date: 5-22-13

REVISED

Page 2 Notifications

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Applicant / Well Operator Name XTO Energy, Inc.		DEP ID# 265476	Well (Farm) Name PATTON B UNIT	Well # 7H	Serial # N/A
Surface Landowner / Lessor: BEVERLY A. PATTON			Angle & Course of Deviation Drilling): S 33°58'43" E	Anticipated True Vertical Depth Feet (TVD): 5455'	Anticipated Total Measured Depth Feet (TMD): 13094'
Target Formation(s): Marcellus			Deepest Formation to be penetrated: Marcellus	Number of laterals: 1	Total footage to be drilled all laterals: 13094'
<u>Surface Owner/Water Purveyor w/Water Supply within 1000'/3000'</u>			Latitude Longitude of Water Supply		
2507)	Lutherlyn	953'	N40°52'44.84"	W80°02'13.98"	
2506)	Lutherlyn	2516'	N40°53'00.39"	W80°02'19.68"	
5083)	Lutherlyn	2661'	N40°53'04.18"	W80°02'02.67"	
5084)	Lutherlyn	2941'	N40°53'05.82"	W80°01'54.51"	
2481)	Beverly A. Patton	1033'	N40°52'28.20"	W80°02'09.37"	
2482)	Beverly A. Patton	1062'	N40°52'27.83"	W80°02'08.99"	
5077)	Charles E. Brandon, et ux	1035'	N40°52'28.07"	W80°02'02.17"	
2477)	Charles E. Brandon, et ux	1611'	N40°52'26.70"	W80°01'50.70"	
5062)	Charles Brandon	2172'	N40°52'29.08"	W80°02'31.22"	
5061)	Charles Brandon	2300'	N40°52'29.57"	W80°02'33.31"	
5078)	Charles E. Brandon	2996'	N40°52'25.87"	W80°01'29.89"	
5110)	Richard E. Martinkovich	1779'	N40°52'31.62"	W80°02'27.08"	
5109)	Norma J Martinkovich, et vir	1984'	N40°52'31.36"	W80°02'29.80"	
5050)	John D Murphy, et ux	1839'	N40°52'27.31"	W80°02'24.85"	
2478)	Vincent E. Burr	1864'	N40°52'21.71"	W80°01'54.10"	
2476)	Vincent E. Burr	1878'	N40°52'26.83"	W80°01'45.94"	
2474)	Vincent E. Burr	1913'	N40°52'25.23"	W80°01'47.10"	
2475)	Vincent E. Burr	1924'	N40°52'25.21"	W80°01'46.93"	
2479)	Vincent E. Burr	1964'	N40°52'20.35"	W80°01'54.80"	
5111)	Edward Piela, et ux	1927'	N40°52'29.54"	W80°02'27.98"	
5055)	Gloria N. Kniess, et al C/O Diane McDowell	1962'	N40°52'37.04"	W80°02'30.99"	
5053)	Gloria Kniess	1995'	N40°52'38.83"	W80°02'31.43"	
5054)	Gloria Kniess	2028'	N40°52'38.97"	W80°02'31.85"	
5056)	Joseph and Linda L. Plesniak	1981'	N40°52'32.56"	W80°02'30.26"	
5114)	Joseph and Linda L. Plesniak	1983'	N40°52'35.96"	W80°02'31.16"	
5113)	Linda L. Frasca / now Linda L. Plesniak	1991'	N40°52'35.43"	W80°02'31.19"	
2454)	Thomas E. Wilson Jr.	1990'	N40°52'43.83"	W80°02'30.22"	
5058)	Frederick C. Carnahan, et ux	2091'	N40°52'33.36"	W80°02'32.02"	
5060)	Amy J. Zang, et vir	2130'	N40°52'32.37"	W80°02'32.21"	
5059)	Charles T. Warsing	2137'	N40°52'30.96"	W80°02'31.73"	

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 XTO Energy, Inc.		DEP ID# 265476	Well (Farm) Name PATTON B UNIT	Well # 7H	Serial # N/A
Surface Landowner / Lessor: BEVERLY A. PATTON			Angle & Course of Deviation Drilling): S 33°58'43" E	Anticipated True Vertical Depth Feet (TVD): 5455'	Anticipated Total Measured Depth Feet (TMD): 13094'
Target Formation(s): Marcellus			Deepest Formation to be penetrated: Marcellus	Number of laterals: 1	Total footage to be drilled all laterals: 13094'
<u>Surface Owner/Water Purveyor w/Water Supply within 1000'/3000'</u>			Latitude Longitude of Water Supply		
4001)	Leroy A. Aiken, et ux	2260'	N40°52'23.26"	W80°02'27.60"	
4000)	Leroy A. Aiken, et ux	2262'	N40°52'23.36"	W80°02'27.76"	
2508)	Gilbert M. Polliard, et ux	2308'	N40°52'47.32"	W80°02'32.89"	
2502)	Susan E. Ziegler, et vir	2321'	N40°52'34.74"	W80°02'35.39"	
2503)	Susan E. Ziegler, et vir	2445'	N40°52'34.57"	W80°02'37.00"	
5063)	Jeffrey A. Kennedy, et al	2325'	N40°52'25.46"	W80°02'30.87"	
5052)	Thomas P. Hollinger Jr.	2369'	N40°52'48.33"	W80°02'33.15"	
5064)	Jolinda K. Douthett	2407'	N40°52'23.76"	W80°02'30.59"	
4006)	Ronald D. Spangler, et ux	2501'	N40°52'18.96"	W80°01'44.71"	
4007)	Ronald D. Spangler, et ux	2502'	N40°52'18.98"	W80°01'44.64"	
2511)	Nancy E. Sabadish	2523'	N40°52'50.85"	W80°02'33.62"	
5057)	Edward Wasieleczyk, et ux	2545'	N40°52'32.93"	W80°02'37.93"	
2509)	Lois C. Fry, et vir	2592'	N40°52'48.22"	W80°02'36.40"	
2525)	Lois C. Fry, et vir	2736'	N40°52'47.41"	W80°02'38.87"	
2512)	Lois C. Fry, et vir	2860'	N40°52'52.22"	W80°02'37.64"	
2524)	Lois C. Fry, et vir	2933'	N40°52'46.08"	W80°02'42.15"	
5115)	Soergel Family Limited Partnership	2603'	N40°52'36.09"	W80°02'39.28"	
5065)	Robert E. Burr, et ux	2621'	N40°52'21.31"	W80°02'31.59"	
5066)	Robert E. Burr, et ux	2649'	N40°52'21.76"	W80°02'32.56"	
4003)	Mary L. Murray, et al C/O Robert Murray	2674'	N40°52'16.77"	W80°02'26.24"	
5076)	Aaron R. Winchell	2808'	N40°52'14.56"	W80°02'25.09"	
4008)	Francis E. Wakely, et ux	2850'	N40°52'17.77"	W80°01'39.64"	
5118)	Reuben Holt Jr., et al C/O Gloria M. Horner	2862'	N40°52'10.75"	W80°01'55.40"	
5117)	Reuben Holt Jr., et al C/O Gloria M. Horner	2887'	N40°52'12.80"	W80°02'23.14"	
5119)	Reuben Holt Jr., et al C/O Gloria M. Horner	2980'	N40°52'10.01"	W80°01'53.37"	
5101)	Donald E. Patton, et ux	2880'	N40°52'15.71"	W80°02'28.84"	
5073)	Mt. Nebo Presbyterian Church	2980'	N40°52'13.61"	W80°02'27.25"	

Page 2 Notifications

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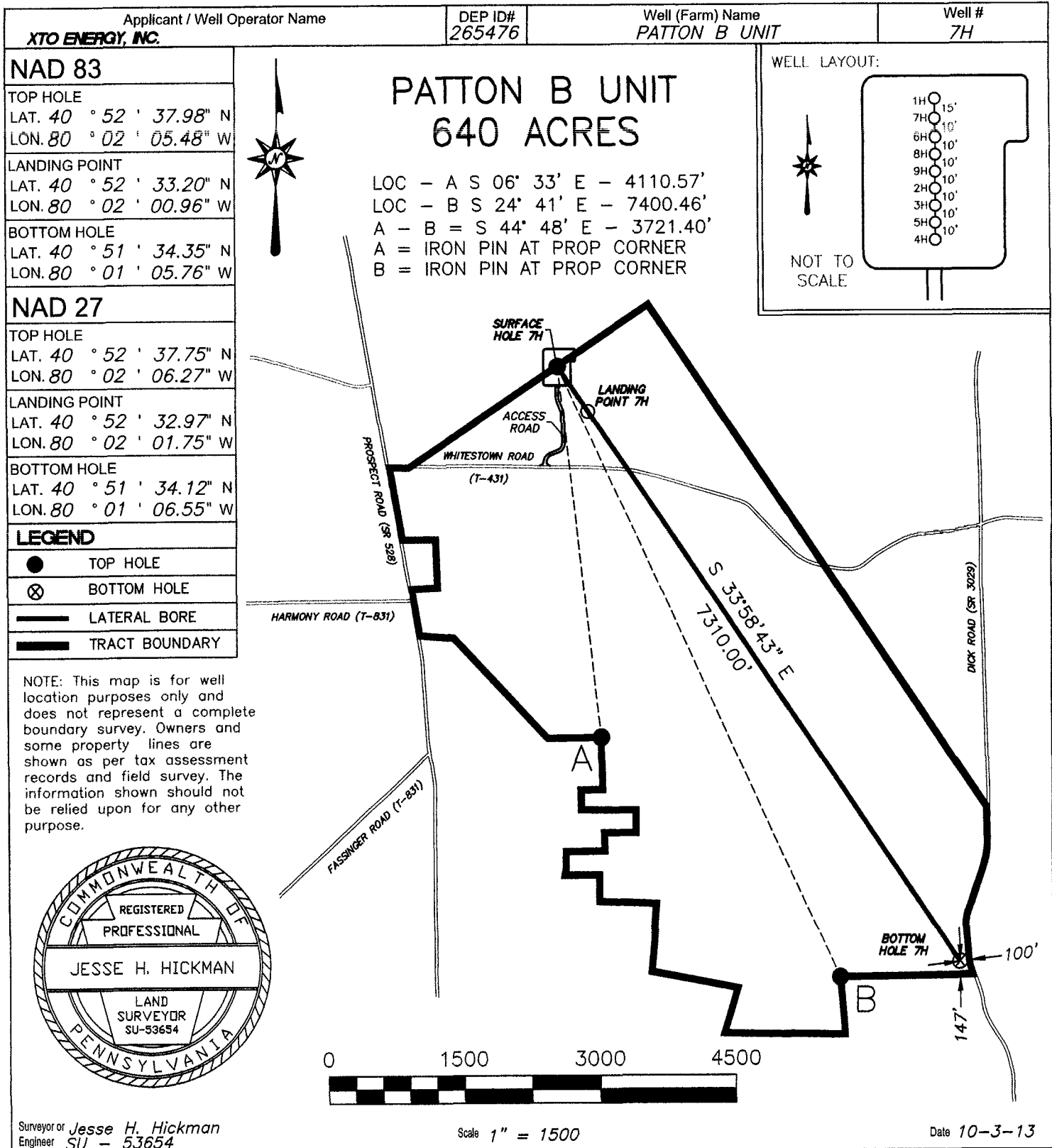
Applicant / Well Operator Name XTO Energy, Inc.	DEP ID# 265476	Well (Farm) Name PATTON B UNIT	Well # 7H	Serial # N/A
Surface Landowner / Lessor: BEVERLY A. PATTON		Angle & Course of Deviation Drilling: S 33°58'43" E	Anticipated True Vertical Depth Feet (TVD): 5455'	Anticipated Total Measured Depth Feet (TMD): 13094'
Target Formation(s): Marcellus		Deepest Formation to be penetrated: Marcellus	Number of laterals: 1	Total footage to be drilled all laterals: 13094'

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
Connoquenessing Township	
Prospect Borough	
Muddy Creek Township	
Franklin Township	
Center Township	
Butler Township	
Penn Township	
Forward Township	
Jackson Township	Coal related parties
Lancaster Township	NO WORKABLE COAL SEAMS
Connoquenessing Borough	

WELL LOCATION PLAT

PAGE 3 Plan View of Deviated Well Bore

If well has a lateral other than vertical show the bottom hole location on the plat drawing as ⊗ 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.



Surveyor or Engineer **Jesse H. Hickman**
SU - 53654

WELL LOCATION PLAT

Page 4 Cross Section

Applicant/Well Operator Name	DEP ID#	Well (Farm) Name	Well #
XTO ENERGY, INC.	265476	PATTON B UNIT	7H

KOP:	TVD: 2000	TMD: 2000	Latitude 40 52 37.98	Longitude 80 02 05.48
Landing Point	TVD: 5455	TMD: 5784	Latitude 40 52 33.20	Longitude 80 02 00.96

DEP	Permit #
Use	
Only	

