



pennsylvania

DEPARTMENT OF ENVIRONMENTAL PROTECTION

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION

Oil and Gas Management Program

WELL LOCATION PLAT

Page 1 Surface Location

Page 1 Surface Location

DEP USE ONLY	Auth ID #:	100
	Permit #:	1913
	Project #:	C:

Top Hole Well is located on topo map 12745 feet south of latitude 41° 02' 30" parcel lines taken from tax map information

Surface Hole Coordinates

True Latitude: NORTH

41° 00' 24.06"

True Longitude: WEST

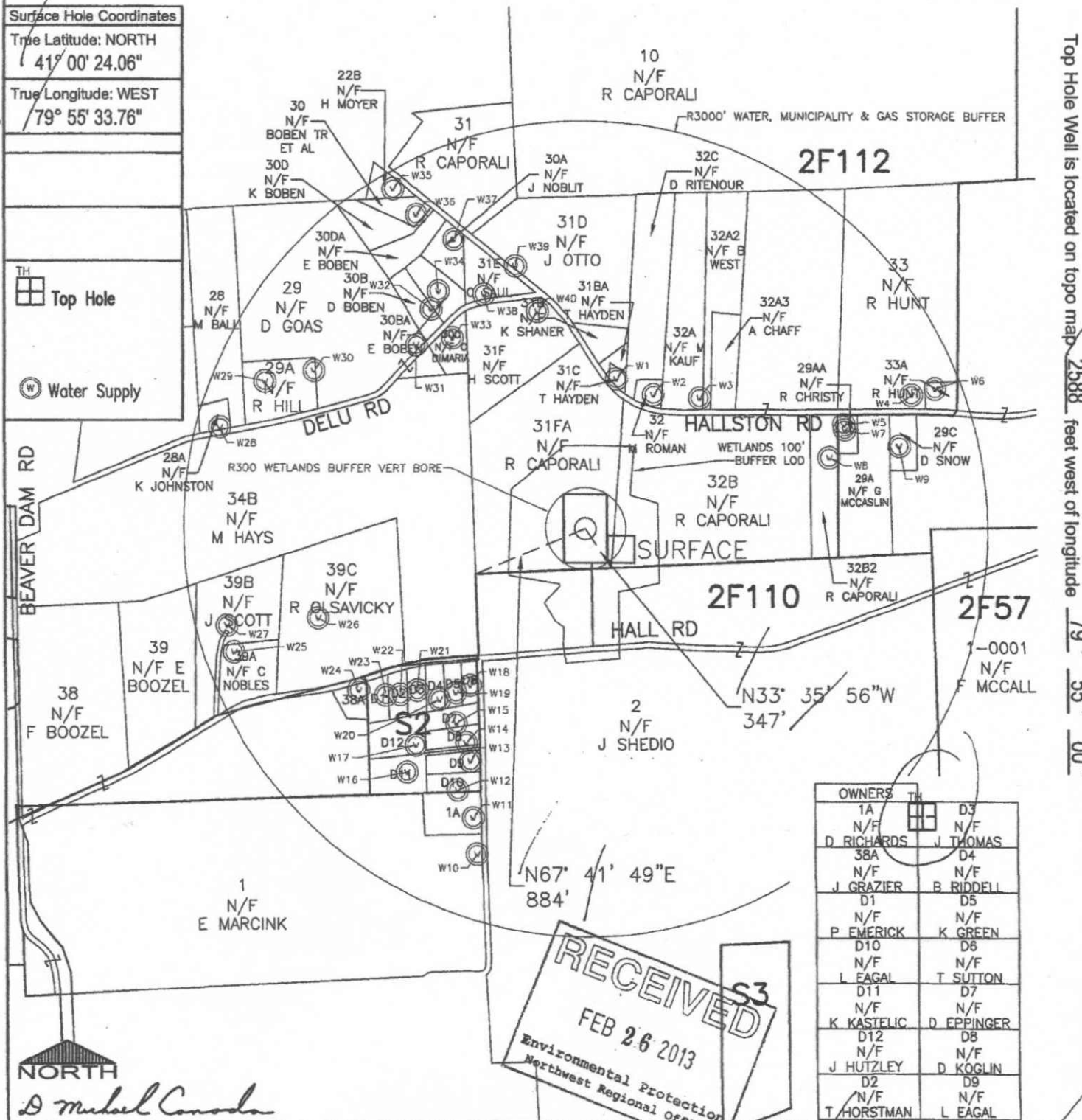
79° 55' 33.76"



Top Hole



Water Supply



Top Hole Well is located on topo map 2588 feet west of longitude 79° 55' 00

OWNERS		TH
1A		D3
N/F		N/F
D RICHARDS		J THOMAS
38A		D4
N/F		N/F
J GRAZIER		B RIDDELL
D1		D5
N/F		N/F
P EMERICK		K GREEN
D10		D6
N/F		N/F
L EGAL		T SUITON
D11		D7
N/F		N/F
K KASTELIC		D EPPINGER
D12		D8
N/F		N/F
J HUTZLEY		D KOGLIN
D2		D9
N/F		N/F
T HORSTMAN		L EGAL

Applicant / Well Operator Name: SWEPI LP		DEP ID#: 284309	Well (Farm) Name: CAPORALI		Well #: 3463-1X
Address: 190 Thorn Hill Road, Warrendale, PA 15086			County: BUTLER	Municipality: CLAY	Well Type: Gas
911 Address of well site: PENDING			USGS 7 1/2 Quadrangle Map Name: WEST SUNBURY		Map Section: 8
Surveyor: Pa. Lic. # SU029272 E D. Michael Canada			Phone #: 716-379-7918	Dwg #: 20120914 B	Surface Elevation: 1430 ft.
			Date: JAN 28, 2013	Scale: 1" = 1000'	Tract Acreage: 34.5
Lat. & Long Metadata Method: RTK GPS	Accuracy: ± 5 ft.	Datum: NAD 83	Elevation Metadata Method: GPS	Accuracy: ± 5 ft.	Datum: NAD 83
					Survey Date: SEPT 14, 2012

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: SWEPI LP	DEP ID#: 284309	Well (Farm) Name: CAPORALI	Well #: 3463-1X
Surface Landowner: CAPORALI RONALD V & CAROL J	Angle & Course of Deviation (Drilling): NA	Anticipated True Vertical Depth Feet (TVD): 5425	Anticipated Total Measured Depth Feet (TMD): 5425
Target Formation(s): Marcellus Shale	Deepest Formation to be penetrated: Marcellus Shale	Number of Laterals: 1	Total footage to be drilled - all laterals: 5425

Surface Owner or Water Purveyor
with a Water Supply within 3,000 ft.

Latitude/Longitude of Water Supply

PIN	OWNER	LAT	LONG
080-2F112-0000031C-0000	HAYDEN THOMAS & VELMA	41D 00' 35.02"	79D 55' 31.01"
080-2F112-0000032-0000	ROMAN MICHAEL A & ERIN A	41D 00' 33.90"	79D 55' 27.43"
080-2F112-0000032A-0000	KAUF MARY K	41D 00' 33.78"	79D 55' 22.90"
080-2F112-0000033-0000	HUNT REBECCA & CLARK DORIS	41D 00' 34.37"	79D 55' 02.34"
080-02F55-000029AA-0000	CHRISTY RACHEL & BRIAN	41D 00' 31.73"	79D 55' 08.76"
080-2F112-0000033A-0000	HUNT REBECCA S	41D 00' 34.89"	79D 55' 00.05"
080-02F55-000029AA-0000	CHRISTY RACHEL & BRIAN	41D 00' 32.10"	79D 55' 08.83"
080-2F112-000032B2-0000	CAPORALI RONALD V JR & CHERYL L	41D 00' 29.67"	79D 55' 10.21"
080-02F55-0000029C-0000	SNOW DONALD E & KAREN A	41D 00' 30.61"	79D 55' 03.43"
080-2F110-00000001-0000	MARCINK EUGENE P & OLSZAK-MARCINK PAMELA	41D 00' 00.22"	79D 55' 43.65"
080-2F110-0000001A-0000	RICHARDS DONALD W & PATRICIA J	41D 00' 02.84"	79D 55' 44.11"
080-000S2-00000D10-0000	EAGAL LLOYD S & MELISSA J	41D 00' 04.84"	79D 55' 45.70"
080-000S2-00000D9-0000	EAGAL LLOYD S & MELISSA J	41D 00' 06.99"	79D 55' 44.51"
080-000S2-00000D8-0000	KOGLIN DONALD J & TERI L	41D 00' 08.31"	79D 55' 44.94"
080-000S2-00000D7-0000	EPPINGER DAVID & YVONNE	41D 00' 09.70"	79D 55' 45.98"
080-000S2-00000D11-0000	KASTELIC KENNETH J JR & NORA E	41D 00' 06.08"	79D 55' 50.70"
080-000S2-00000D12-0000	HUTZLEY JAMES & JOAN	41D 00' 08.05"	79D 55' 49.88"
080-000S2-00000D6-0000	SUTTON THOMAS L & PATRICIA A	41D 00' 12.45"	79D 55' 44.66"
080-000S2-00000D5-0000	GREEN KENNETH & MARY	41D 00' 11.90"	79D 55' 46.08"
080-000S2-00000D4-0000	RIDDELL BERNARD	41D 00' 11.35"	79D 55' 47.69"
080-000S2-00000D3-0000	THOMAS JOHN M	41D 00' 12.02"	79D 55' 49.86"
080-000S2-00000D2-0000	HORSTMAN THOMAS L	41D 00' 11.68"	79D 55' 51.56"
080-000S2-00000D1-0000	EMERICK PATRICIA A	41D 00' 11.61"	79D 55' 52.94"
080-2F112-0000038A-0000	GRAZIER JEFFREY L & STACEY L	41D 00' 11.93"	79D 55' 55.54"
080-2F112-0000039A-0000	NOBLES CLEAVELAND D & ALICE L	41D 00' 14.40"	79D 56' 07.70"
080-2F112-0000039C-0000	OLSAVICKY ROBERT G II	41D 00' 17.05"	79D 55' 59.55"
080-2F112-0000039B-0000	SCOTT JAMES L & DIANNA L	41D 00' 16.32"	79D 56' 08.45"
080-2F112-0000028A-0000	JOHNSTON KIRBY M & CASSIE	41D 00' 30.69"	79D 56' 09.57"
080-2F112-0000029A-0000	HILL RICHARD D JR & JULIE A	41D 00' 35.02"	79D 56' 00.49"
080-2F112-0000029A-0000	HILL RICHARD D JR & JULIE A	41D 00' 34.14"	79D 56' 05.25"
080-2F112-0000029-0000	GOAS DARYLE E & DONNA M	41D 00' 37.08"	79D 55' 50.62"
080-2F112-0000030D-0000	BOBEN KEVIN L	41D 00' 45.10"	79D 55' 55.20"

Municipality: where the well will be drilled,
adjacent to the well, or within 3000 feet

DRILLED IN -	CLAY TWP-BUTLER CO
ADJACENT TO -	WEST SUNBURY BORO-BUTLER CO
	CHERRY TWP-BUTLER CO
	WASHINGTON TWP-BUTLER CO
	CONCORD TWP-BUTLER CO
	OAKLAND TWP-BUTLER CO
	CENTER TWP-BUTLER CO
	FRANKLIN TWP-BUTLER CO
	BRADY TWP-BUTLER CO
	SLIPPERY ROCK TWP-BUTLER CO

Coal related parties

NONE

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Applicant / Well Operator Name: SWEPI LP	DEP ID#: 284309	Well (Farm) Name: CAPORALI	Well #: 3463-1X

Surface Owner or Water Purveyor
with a Water Supply within 3,000 ft.

Latitude/Longitude of Water Supply

PIN	OWNER	LAT	LONG
080-2F112-0000030B-0000	BOBEN DONALD J JR	41D 00' 39.70"	79D 55' 49.25"
080-2F112-0000030C-0000	DIMARIA COLLEEN S	41D 00' 37.65"	79D 55' 47.09"
080-2F112-0000030BA-0000	BOBEN ERIC B & CARLA J	41D 00' 40.100"	79D 55' 48.59"
080-2F112-0000022B-0000	MOYER HEATHER M & QUEEN CHRISTOPHER	41D 00' 48.40"	79D 55' 53.25"
080-2F112-00000030-0000	BOBEN TR ET AL	41D 00' 46.53"	79D 55' 50.91"
080-2F112-0000030A-0000	NOBLIT JOANNE E	41D 00' 44.78"	79D 55' 47.18"
080-2F112-0000031E-0000	SAUL CRAIG G III	41D 00' 40.87"	79D 55' 44.08"
080-2F112-0000031D-0000	OTTO JOHN L JR ET AL	41D 00' 42.97"	79D 55' 41.07"
080-2F112-0000031F-0000	SCOTT HARVEY A JR ET AL	41D 00' 39.73"	79D 55' 38.87"

BEARING/DISTANCE FROM TH TO WATER WELL		
Water Well Number	Direction	Length
W1	N12° 10' 52.74"E	1128'
W2	N27° 25' 02.91"E	1108'
W3	N41° 41' 31.82"E	1288'
W4	N68° 00' 59.53"E	2625'
W5	N68° 22' 24.08"E	2077'
W6	N68° 28' 16.84"E	2807'
W7	N69° 23' 18.50"E	2068'
W8	N73° 59' 14.47"E	1892'
W9	N75° 31' 55.08"E	2418'
W10	S18° 53' 32.59"W	2530'
W11	S21° 43' 27.59"W	2290'
W12	S26° 39' 10.54"W	2150'
W13	S26° 56' 24.06"W	1915'
W14	S29° 42' 01.92"W	1810'
W15	S34° 14' 57.53"W	1729'
W16	S36° 57' 04.17"W	2237'
W17	S38° 46' 22.53"W	2038'
W18	S36° 51' 26.86"W	1442'
W19	S38° 56' 02.31"W	1552'
W20	S41° 08' 35.51"W	1672'
W21	S46° 48' 35.63"W	1735'

BEARING/DISTANCE FROM TH TO WATER WELL		
Water Well Number	Direction	Length
W22	S48° 52' 35.62"W	1853'
W23	S50° 50' 49.14"W	1937'
W24	S55° 06' 41.28"W	2073'
W25	S70° 50' 31.09"W	2780'
W26	S71° 40' 56.97"W	2102'
W27	S75° 00' 52.54"W	2773'
W28	N74° 50' 05.12"W	2826'
W29	N65° 39' 50.12"W	2621'
W30	N60° 08' 59.90"W	2330'
W31	N43° 01' 44.11"W	1845'
W32	N36° 14' 00.00"W	2690'
W33	N35° 27' 12.97"W	1978'
W34	N35° 12' 12.54"W	1713'
W35	N32° 07' 21.61"W	2057'
W36	N29° 48' 01.96"W	2881'
W37	N28° 35' 53.56"W	2627'
W38	N24° 42' 17.62"W	2335'
W39	N23° 31' 08.01"W	1876'
W40	N14° 53' 45.25"W	1994'
W41	N12° 26' 56.47"W	1633'