



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

PAGE 1 Surface location

DEP	Auth ID #:	PC1
USE	Permit #:	019-22376
ONLY	Project #:	C: 112/15

Denotes location of well on topo map

True Latitude: NORTH (NAD83)
40° 47' 41.83"

True Longitude: WEST (NAD83)
79° 58' 02.49"

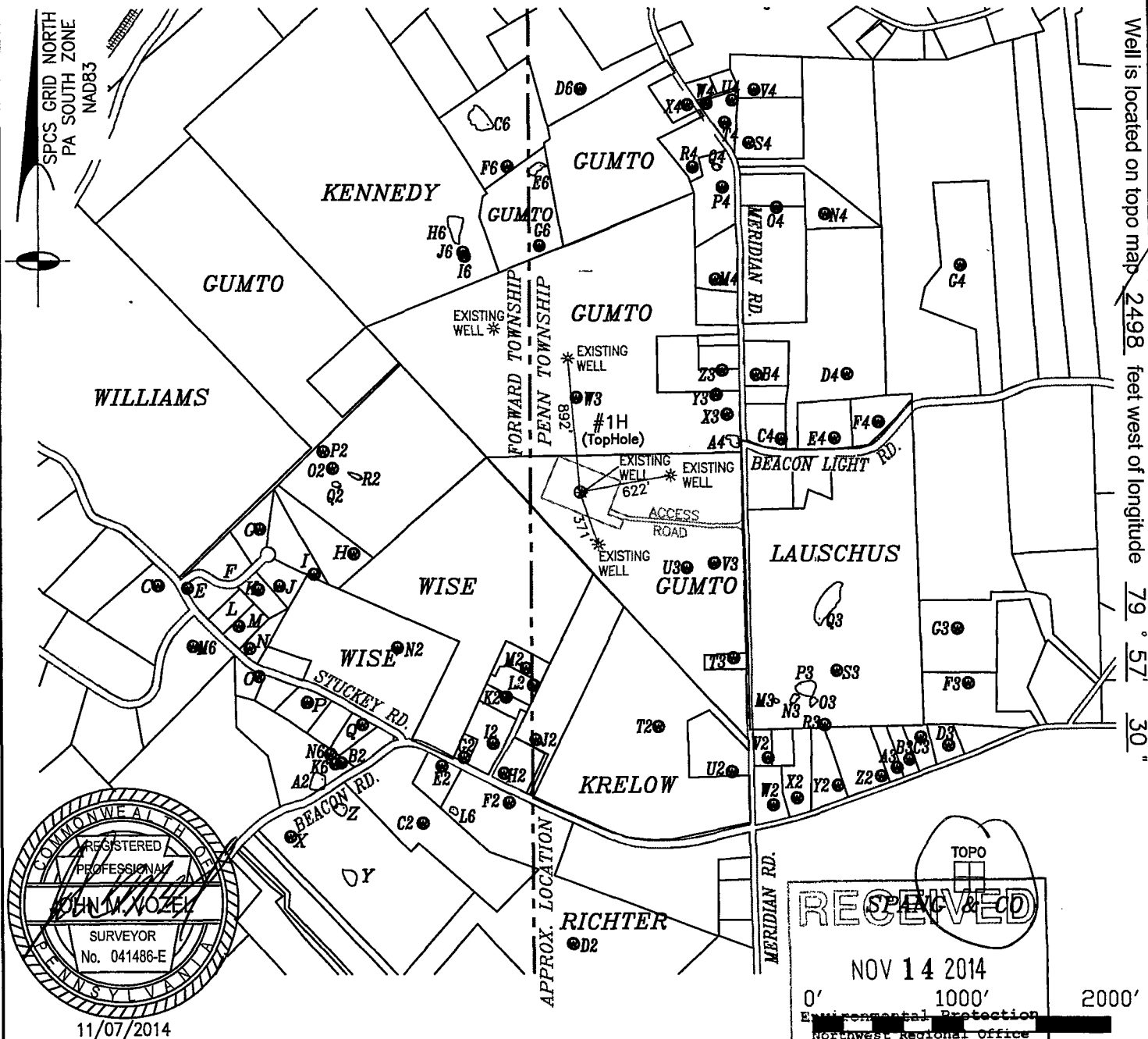
Well is located on topo map 13983 feet south of latitude 40° 50' 00"

NOTE:

THIS PLAT IS FOR WELL LOCATION PURPOSES ONLY AND DOES NOT REPRESENT A COMPLETE BOUNDARY SURVEY. CORNERS AND LINES PERTINENT TO LOCATING THE PROPOSED WELL ARE FROM FIELD SURVEY. OTHER LINES AND FEATURES SHOWN ARE FROM TAX MAPS AND/OR DEEDS. THE INFORMATION PRESENTED SHOULD NOT BE UTILIZED FOR ANY OTHER PURPOSES. THIS PROPERTY IS SUBJECT TO ANY EASEMENTS, RIGHT-OF-WAY AND/OR ENCUMBRANCES BOTH APPARENT AND OF RECORD. NO TITLE SEARCH HAS BEEN MADE IN PREPARATION OF THIS WELL PLAT.

LEGEND

	SURFACE BOUNDARY
	PROPOSED GAS WELL TOPHOLE
	EXISTING GAS WELL
	SURFACE LANDOWNER - WATER SUPPLY



Well is located on topo map 2498 feet west of longitude 79° 57' 30"

Applicant / Well Operator Name: R.E. GAS DEVELOPMENT, LLC		DEP ID #: 290866	Well (Farm) Name: HARVEY UNIT		Well #: 1H	Serial #:
Address: 366 WALKER DRIVE, STATE COLLEGE, PA 16801		County: BUTLER - 10	Municipality: PENN TOWNSHIP	Well Type: GAS		
911 Address of Well Site: 1050 MERIDIAN ROAD, RENFREW, PA 16053		USGS 7 1/2' Quadrangle Map Name: BUTLER	Map Section: 4	Surface Elevation: 1240		
Surveyor or Engineer: JOHN M. VOZEL TRI-COUNTY ENGINEERING, LLC	Phone #: (724)635-0210	Dwg. #: REXOG56-25-1H	Date: 10/17/2014	Scale: 1" = 1000'	Tract Acreage: 1384.4604	
Lat. & Long Metadata Method: Direct GPS	Accuracy: SUB-METER	ft. Datum: NAD 83	Elevation Metadata Method: DIRECT GPS	Accuracy: 2'	ft. Datum: NAVD 88	Survey Date: 10/4/2011

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 & gas resources is **1-866-255-5158**.

Applicant / Well Operator Name: R.E. GAS DEVELOPMENT, LLC	DEP ID #: 290866	Well (Farm) Name: HARVEY UNIT	Well #: 1H	Serial #:
Surface Landowner / Lessor: ERICH W & RAYLENE GUMTO	Angle & Course of Deviation (Drilling): DEVIATED-SEE ATTACHED	Anticipated True Vertical Depth Feet (TVD): B=5527, M=5785	Anticipated Total Measured Depth Feet (TMD): B=11955, M=12213	
Target Formation (s): BURKETT, MARCELLUS	Deepest Formation to be Penetrated: MARCELLUS	Number of laterals: 2	Total Wellbore Footage to be drilled all laterals: 20736 /	
Surface Owner/Water Purveyor w/Water Supply within 1000'/3000'		Latitude / Longitude of Water Supply		
C) TODD R & MICHELLE E KOZIK		N40°47'34.98" W79°58'39.11"		
E) JOHN & HEATHER D CRISS		N40°47'34.86" W79°58'36.58"		
F) GEORGE E & MARY A VOELP		N40°47'36.04" W79°58'33.99"		
G) GREGORY M & LYNETTE A VARGO		N40°47'38.86" W79°58'30.30"		
H) ROBERT S & BONNIE A SWANEY		N40°47'37.39" W79°58'22.12"		
I) ROBERT S & BOBBI J CONGDON		N40°47'35.96" W79°58'25.51"		
J) GEORGE E III & LEMIRA K VOELP		N40°47'35.14" W79°58'28.49"		
K) D E JR & VALERIE A DAUBENSPECK		N40°47'34.86" W79°58'30.34"		
L) MICHAEL E & DOREEN M NEWMAN		N40°47'32.90" W79°58'33.79"		
M) LYNN E & MICHAEL WENDEREUSZ		N40°47'32.44" W79°58'31.98"		
N) THEODORE M & STEPHANIE M OLDER		N40°47'30.99" W79°58'31.02"		
O) DOUGLAS & NANCY POLLOCK		N40°47'29.16" W79°58'30.13"		
P) LINDA HAYDEN		N40°47'27.52" W79°58'25.85"		
Q) THOMAS H SPOHN		N40°47'26.16" W79°58'21.06"		
X) RICHARD J & LAUREEN A HARTMAN		N40°47'18.67" W79°58'27.05"		
Y) RICHARD J & LAUREEN A HARTMAN		N40°47'16.43" W79°58'21.87"		
Z) RICHARD J & LAUREEN A HARTMAN		N40°47'20.65" W79°58'22.54"		
A2) CLARK H & SHERYLE L LONG		N40°47'22.50" W79°58'24.46"		
B2) CLARK H & SHERYLE L LONG		N40°47'23.61" W79°58'22.84"		
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		
PENN TOWNSHIP - BUTLER COUNTY				
FORWARD TOWNSHIP - BUTLER COUNTY				
CONNOQUENESSING TOWNSHIP - BUTLER COUNTY				
BUTLER TOWNSHIP - BUTLER COUNTY		Coal related parties		
SUMMIT TOWNSHIP - BUTLER COUNTY				
JEFFERSON TOWNSHIP - BUTLER COUNTY				
CLINTON TOWNSHIP - BUTLER COUNTY				
MIDDLESEX TOWNSHIP - BUTLER COUNTY				
ADAMS TOWNSHIP - BUTLER COUNTY				

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Surface Owner/Water Purveyor w/Water Supply within 1000'/3000'		Latitude / Longitude of Water Supply		
C2) WILLIAM H & SANDY L STEVENSON		N40°47'19.76" W79°58'15.59"		
D2) ROBERT & NANCY RICHTER		N40°47'12.07" W79°58'02.34"		
E2) JOHN J HONACKI		N40°47'23.56" W79°58'14.07"		
F2) GREGORY F & DEBRA J KRELOW		N40°47'21.28" W79°58'08.11"		
G2) TIMOTHY F MANUEL & AMY L KOPELIC		N40°47'24.16" W79°58'12.16"		
H2) GREGORY F KRELOW		N40°47'23.21" W79°58'08.62"		
I2) TIMOTHY S & SHERI M SMITH		N40°47'25.14" W79°58'09.61"		
J2) GREGORY F & DEBRA J KRELOW		N40°47'25.45" W79°58'05.90"		
K2) CHARLES O & MARY V SIEGFRIED		N40°47'28.21" W79°58'08.55"		
L2) WILLIAM G JR & MARION M WEIMER		N40°47'29.01" W79°58'06.22"		
M2) GERALD W & MICHELLE L CRISPIN		N40°47'30.13" W79°58'06.87"		
N2) VERNON L WISE JR TRUST		N40°47'31.29" W79°58'18.16"		
O2) CLIFFORD MUIR		N40°47'42.97" W79°58'24.12"		
P2) CLIFFORD MUIR		N40°47'44.05" W79°58'24.96"		
Q2) CLIFFORD MUIR		N40°47'41.81" W79°58'23.57"		
R2) CLIFFORD MUIR		N40°47'42.38" W79°58'21.70"		
T2) GREGORY F & DEBRA J KRELOW		N40°47'26.51" W79°57'55.21"		
U2) LARRY P & SUZETTE M ABELS		N40°47'23.64" W79°57'48.72"		
V2) MABLE L JOHNSON		N40°47'24.62" W79°57'45.64"		
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Surface Owner/Water Purveyor w/Water Supply within 1000'/3000'			Latitude / Longitude of Water Supply		
W2) MABLE L JOHNSON			N40°47'21.52" W79°57'45.08"		
X2) JOSEPH L & LISA L HUGHES			N40°47'22.03" W79°57'43.02"		
Y2) REBECCA MORFORD			N40°47'22.90" W79°57'39.50"		
Z2) ARTHUR E HUGHES TRUST ET AL			N40°47'23.62" W79°57'35.74"		
A3) RENEE L MOCK			N40°47'24.21" W79°57'34.41"		
B3) JEFFREY R & MARY M FELDBAUER			N40°47'24.76" W79°57'33.31"		
C3) DONALD C & PAULA J GRUBBS			N40°47'26.25" W79°57'32.33"		
D3) NEIL A & JEANNE A REIGHARD			N40°47'25.76" W79°57'29.94"		
F3) ANTHONY J & DIANE M CALDERONE			N40°47'29.88" W79°57'28.33"		
G3) FRANK A JR & MARY A CALDERONE			N40°47'33.46" W79°57'29.32"		
M3) LEWIS F & HELEN LAUSCHUS			N40°47'28.39" W79°57'44.81"		
N3) LEWIS F & HELEN LAUSCHUS			N40°47'28.79" W79°57'43.22"		
O3) LEWIS F & HELEN LAUSCHUS			N40°47'28.56" W79°57'41.93"		
P3) LEWIS F & HELEN LAUSCHUS			N40°47'29.54" W79°57'42.89"		
Q3) LEWIS F & HELEN LAUSCHUS			N40°47'33.83" W79°57'41.38"		
R3) LEWIS F & HELEN LAUSCHUS			N40°47'26.87" W79°57'40.72"		
S3) LEWIS F & HELEN LAUSCHUS			N40°47'30.46" W79°57'39.79"		
T3) ERICH W & RAYLENE GUMTO			N40°47'31.13" W79°57'48.78"		
U3) ERICH W & RAYLENE GUMTO			N40°47'37.01" W79°57'52.96"		
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V3) ERICH W & RAYLENE GUMTO			N40°47'37.36" W79°57'50.57"		
W3) SCOTT C GUMTO			N40°47'48.03" W79°58'02.97"		
X3) SCOTT C GUMTO			N40°47'47.15" W79°57'49.71"		
Y3) SCOTT C GUMTO			N40°47'48.42" W79°57'50.67"		
Z3) TODD A SCHUBERT			N40°47'50.03" W79°57'50.21"		
A4) SCOTT C GUMTO			N40°47'45.25" W79°57'48.83"		
B4) CHARLES MCCALL			N40°47'49.82" W79°57'47.26"		
C4) THERESA M HELFER			N40°47'45.62" W79°57'44.99"		
D4) MICHAEL W & JOYCE A CULLY			N40°47'50.00" W79°57'39.33"		
E4) BRENDAN J TUIITE & DANA L MONTGOMERY			N40°47'45.75" W79°57'40.36"		
F4) ROBERT E SR & NANCY R TUPPER			N40°47'46.91" W79°57'36.51"		
G4) JODY B OFFSTEIN & JENNIFER SMITH-OFFSTEIN			N40°47'57.40" W79°57'29.65"		
M4) STEPHEN M & DONNA L ZEHNDER			N40°47'56.03" W79°57'50.95"		
N4) KENNETH L WAGNER			N40°48'00.52" W79°57'41.52"		
O4) BRET C O'DONNELL			N40°48'00.87" W79°57'45.75"		
P4) ERIC V & DEBORAH M BURKHARD			N40°48'02.12" W79°57'50.51"		
Q4) ERIC V & DEBORAH M BURKHARD			N40°48'03.43" W79°57'50.83"		
R4) DAVID A & ELEANOR B HACKETT			N40°48'03.42" W79°57'53.15"		
S4) ORSBORN TRUST ET AL			N40°48'05.09" W79°57'48.31"		
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		
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WELL LOCATION PLAT

PAGE 2 Notifications

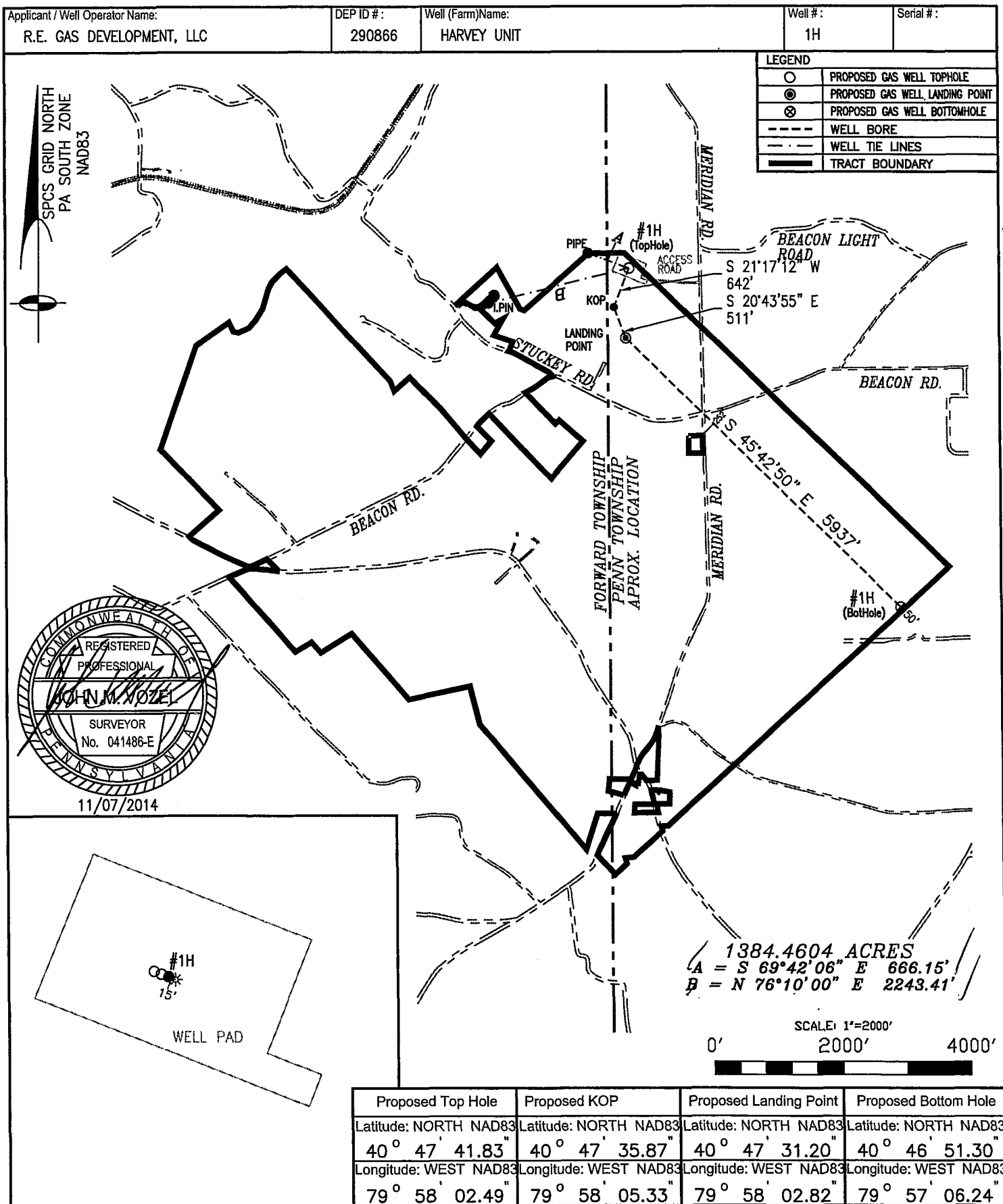
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Surface Owner/Water Purveyor w/Water Supply within 1000'/3000'			Latitude / Longitude of Water Supply		
T4) ORSBORN TRUST ET AL			N40°48'06.39" W79°57'50.40"		
U4) MARSHA A SMITH			N40°48'07.88" W79°57'49.80"		
V4) HUGHIE G & AUDREY I ORSBORN			N40°48'08.61" W79°57'47.92"		
W4) CHRISTINE K WALTERS			N40°48'07.64" W79°57'52.03"		
X4) RICHARD J & ROSEMARY L BALLARD			N40°48'07.53" W79°57'53.69"		
C6) JOHN B & JANE A SIRKCOCH			N40°48'05.91" W79°58'11.16"		
D6) ARTHUR O III & JANET W BLACK			N40°48'08.41" W79°58'03.17"		
E6) SCOTT C & DANIELLE A GUMTO			N40°48'03.27" W79°58'06.48"		
F6) JOHN B & JANE A SIRKCOCH			N40°48'03.17" W79°58'09.39"		
G6) SCOTT C & DANIELLE A GUMTO			N40°47'57.97" W79°58'06.47"		
H6) WAYNE L KENNEDY			N40°47'58.00" W79°58'13.77"		
I6) WAYNE L KENNEDY			N40°47'57.15" W79°58'13.00"		
J6) WAYNE L KENNEDY			N40°47'57.42" W79°58'13.12"		
K6) CLARK H & SHERYLE L LONG			N40°47'23.53" W79°58'23.36"		
L6) GREGORY F & DEBRA J KRELOW			N40°47'20.74" W79°58'12.99"		
M6) RICHARD D SPOTTS			N40°47'31.06" W79°58'35.99"		
N6) CLARK H & SHERYLE L LONG			N40°47'24.15" W79°58'23.80"		
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		
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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: R.E. GAS DEVELOPMENT, LLC	DEP ID #: 290866	Well (Farm) Name: HARVEY UNIT	Well #: 1H
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SEE ATTACHMENT



WELL DETAILS: Harvey Unit 1H

+N/-S
0.0

+E/-W
0.0

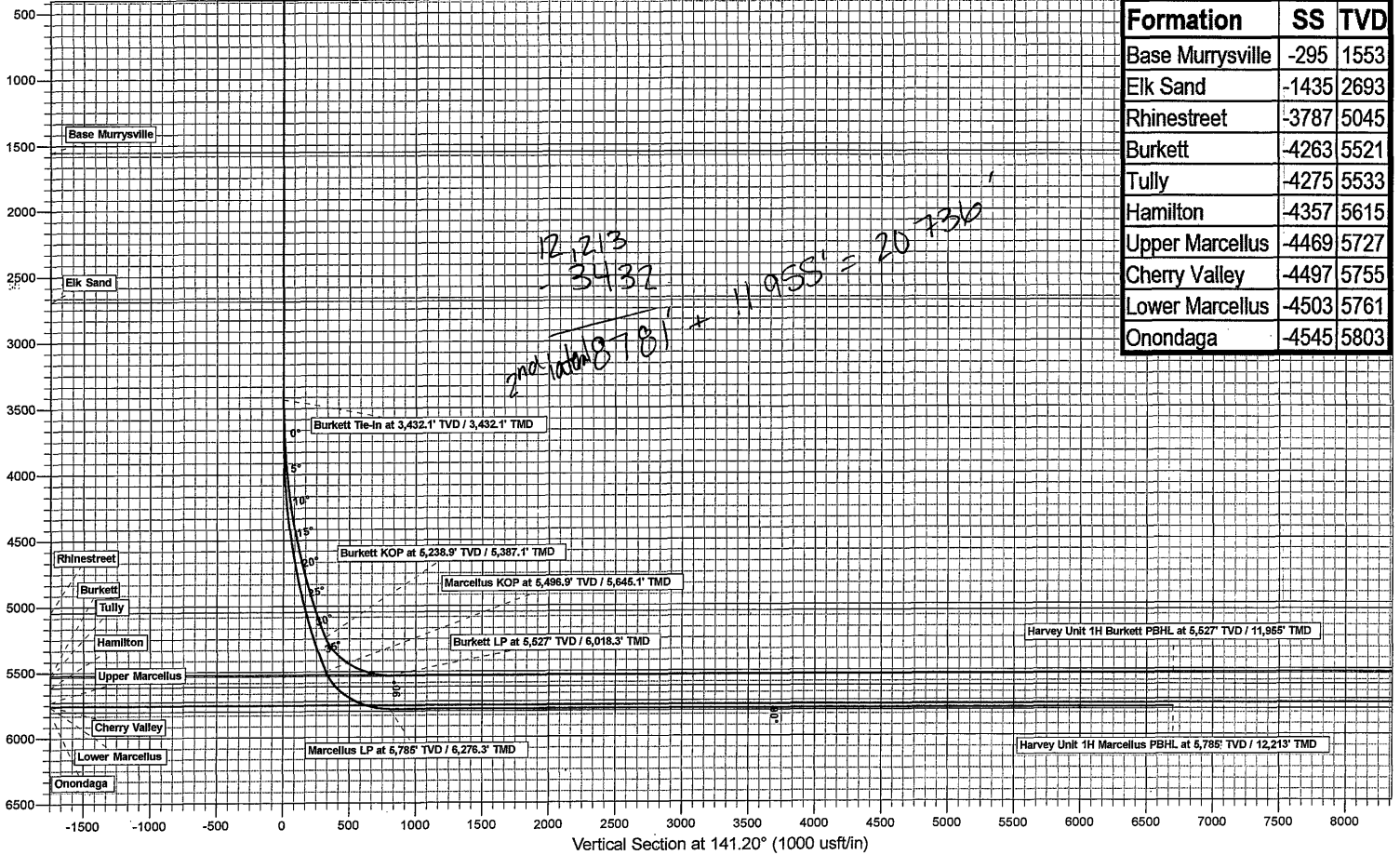
Northing
540165.60

Ground Level: 0.0

Easting
1354620.20

Latitude
40° 47' 41.830 N

Longitude
79° 58' 2.490 W





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 #:	ACU 1215
	Permit #:	214-22377
	Project #:	

Denotes location of well on topo map

True Latitude: NORTH (NAD83)
40° 47' 41.88"

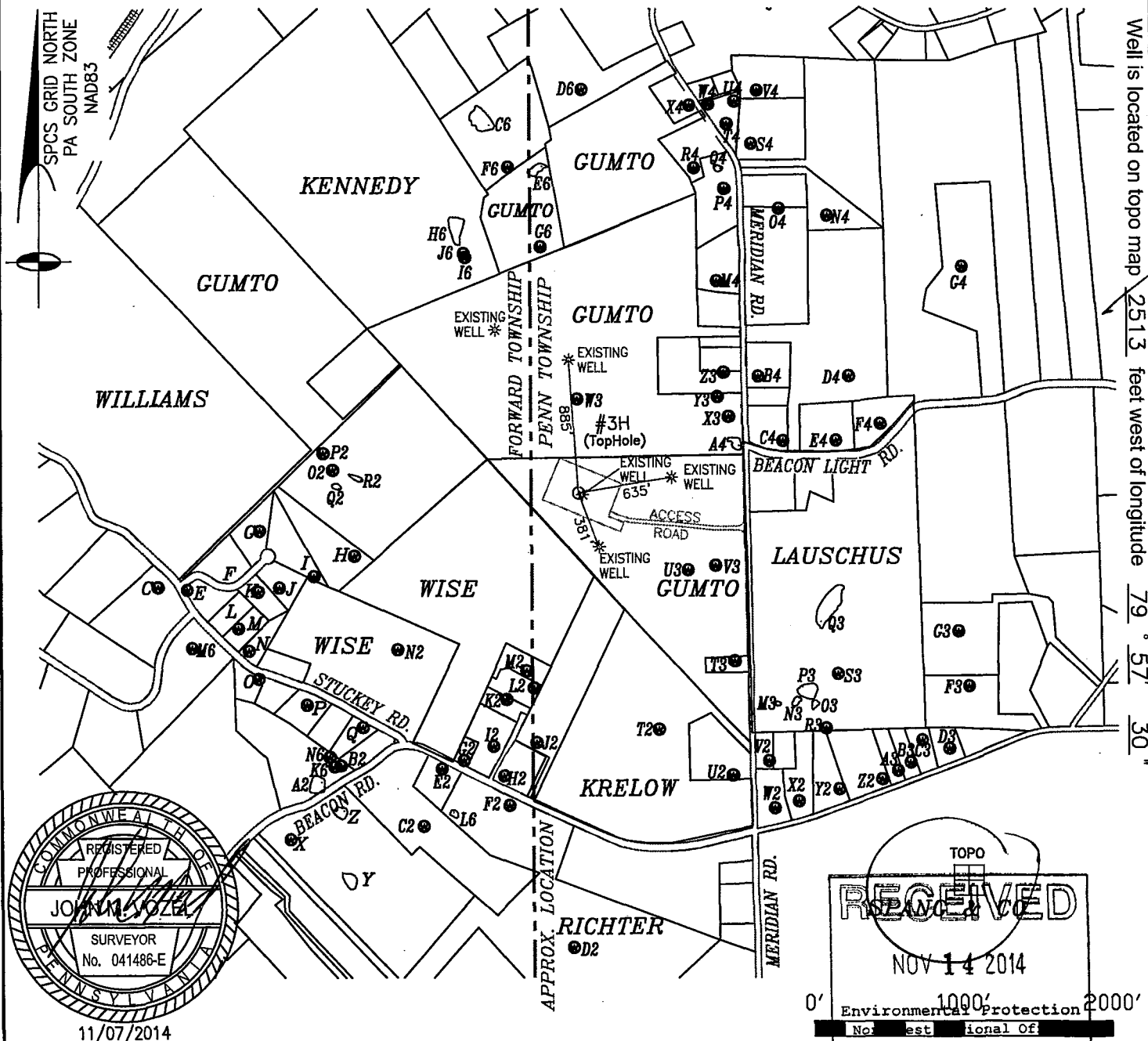
True Longitude: WEST (NAD83)
79° 58' 02.68"

Well is located on topo map 13978 feet south of latitude 40° 50' 00"

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LEGEND	
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○	PROPOSED GAS WELL TOPHOLE
*	EXISTING GAS WELL
●	SURFACE LANDOWNER - WATER SUPPLY



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911 Address of Well Site: 1050 MERIDIAN ROAD, RENFREW, PA 16053		USGS 7 1/2' Quadrangle Map Name: BUTLER	Map Section: 4	Surface Elevation: 1240		
Surveyor or Engineer: JOHN M. VOZEL TRI-COUNTY ENGINEERING, LLC	Phone #: (724)635-0210	Dwg. #: REXOG56-25-3H	Date: 10/17/2014	Scale: 1" = 1000'	Tract Acreage: 1384.46043	
Lat. & Long Metadata Method: Direct GPS	Accuracy: SUB-METER	ft. Datum: NAD 83	Elevation Metadata Method: DIRECT GPS	Accuracy: 2'	ft. Datum: NAVD 88	Survey Date: 10/4/2011

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M) LYNN E & MICHAEL WENDEREUSZ		N40°47'32.44" W79°58'31.98"			
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PENN TOWNSHIP - BUTLER COUNTY					
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CONNOQUENESSING TOWNSHIP - BUTLER COUNTY					
BUTLER TOWNSHIP - BUTLER COUNTY		Coal related parties			
SUMMIT TOWNSHIP - BUTLER COUNTY					
JEFFERSON TOWNSHIP - BUTLER COUNTY					
CLINTON TOWNSHIP - BUTLER COUNTY					
MIDDLESEX TOWNSHIP - BUTLER COUNTY					
ADAMS TOWNSHIP - BUTLER COUNTY					

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 & gas resources is **1-866-255-5158**.

Applicant / Well Operator Name: R.E. GAS DEVELOPMENT, LLC		DEP ID # : 290866	Well (Farm)Name: HARVEY UNIT	Well # : 3H	Serial # :
Surface Landowner / Lessor: ERICH W & RAYLENE GUMTO		Angle & Course of Deviation (Drilling): DEVIATED-SEE ATTACHED	Anticipated True Vertical Depth Feet (TVD): B=5527, M=5785	Anticipated Total Measured Depth Feet (TMD): B=11855, M=12113	
Target Formation (s): BURKETT, MARCELLUS		Deepest Formation to be Penetrated: MARCELLUS	Number of laterals: 2	Total Wellbore Footage to be drilled all laterals: 19978	
Surface Owner/Water Purveyor w/Water Supply within 1000'/3000'		Latitude / Longitude of Water Supply			
C2) WILLIAM H & SANDY L STEVENSON		N40°47'19.76" W79°58'15.59"			
D2) ROBERT & NANCY RICHTER		N40°47'12.07" W79°58'02.34"			
E2) JOHN J HONACKI		N40°47'23.56" W79°58'14.07"			
F2) GREGORY F & DEBRA J KRELOW		N40°47'21.28" W79°58'08.11"			
G2) TIMOTHY F MANUEL & AMY L KOPELIC		N40°47'24.16" W79°58'12.16"			
H2) GREGORY F KRELOW		N40°47'23.21" W79°58'08.62"			
I2) TIMOTHY S & SHERI M SMITH		N40°47'25.14" W79°58'09.61"			
J2) GREGORY F & DEBRA J KRELOW		N40°47'25.45" W79°58'05.90"			
K2) CHARLES O & MARY V SIEGFRIED		N40°47'28.21" W79°58'08.55"			
L2) WILLIAM G JR & MARION M WEIMER		N40°47'29.01" W79°58'06.22"			
M2) GERALD W & MICHELLE L CRISPIN		N40°47'30.13" W79°58'06.87"			
N2) VERNON L WISE JR TRUST		N40°47'31.29" W79°58'18.16"			
O2) CLIFFORD MUIR		N40°47'42.97" W79°58'24.12"			
P2) CLIFFORD MUIR		N40°47'44.05" W79°58'24.96"			
Q2) CLIFFORD MUIR		N40°47'41.81" W79°58'23.57"			
R2) CLIFFORD MUIR		N40°47'42.38" W79°58'21.70"			
T2) GREGORY F & DEBRA J KRELOW		N40°47'26.51" W79°57'55.21"			
U2) LARRY P & SUZETTE M ABELS		N40°47'23.64" W79°57'48.72"			
V2) MABLE L JOHNSON		N40°47'24.62" W79°57'45.64"			
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			
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W2) MABLE L JOHNSON		N40°47'21.52" W79°57'45.08"		
X2) JOSEPH L & LISA L HUGHES		N40°47'22.03" W79°57'43.02"		
Y2) REBECCA MORFORD		N40°47'22.90" W79°57'39.50"		
Z2) ARTHUR E HUGHES TRUST ET AL		N40°47'23.62" W79°57'35.74"		
A3) RENEE L MOCK		N40°47'24.21" W79°57'34.41"		
B3) JEFFREY R & MARY M FELDBAUER		N40°47'24.76" W79°57'33.31"		
C3) DONALD C & PAULA J GRUBBS		N40°47'26.25" W79°57'32.33"		
D3) NEIL A & JEANNE A REICHARD		N40°47'25.76" W79°57'29.94"		
F3) ANTHONY J & DIANE M CALDERONE		N40°47'29.88" W79°57'28.33"		
G3) FRANK A JR & MARY A CALDERONE		N40°47'33.46" W79°57'29.32"		
M3) LEWIS F & HELEN LAUSCHUS		N40°47'28.39" W79°57'44.81"		
N3) LEWIS F & HELEN LAUSCHUS		N40°47'28.79" W79°57'43.22"		
O3) LEWIS F & HELEN LAUSCHUS		N40°47'28.56" W79°57'41.93"		
P3) LEWIS F & HELEN LAUSCHUS		N40°47'29.54" W79°57'42.89"		
Q3) LEWIS F & HELEN LAUSCHUS		N40°47'33.83" W79°57'41.38"		
R3) LEWIS F & HELEN LAUSCHUS		N40°47'26.87" W79°57'40.72"		
S3) LEWIS F & HELEN LAUSCHUS		N40°47'30.46" W79°57'39.79"		
T3) ERICH W & RAYLENE GUMTO		N40°47'31.13" W79°57'48.78"		
U3) ERICH W & RAYLENE GUMTO		N40°47'37.01" W79°57'52.96"		
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		
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WELL LOCATION PLAT

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Surface Owner/Water Purveyor w/Water Supply within 1000'/3000'			Latitude / Longitude of Water Supply		
V3) ERICH W & RAYLENE GUMTO			N40°47'37.36" W79°57'50.57"		
W3) SCOTT C GUMTO			N40°47'48.03" W79°58'02.97"		
X3) SCOTT C GUMTO			N40°47'47.15" W79°57'49.71"		
Y3) SCOTT C GUMTO			N40°47'48.42" W79°57'50.67"		
Z3) TODD A SCHUBERT			N40°47'50.03" W79°57'50.21"		
A4) SCOTT C GUMTO			N40°47'45.25" W79°57'48.83"		
B4) CHARLES MCCALL			N40°47'49.82" W79°57'47.26"		
C4) THERESA M HELFER			N40°47'45.62" W79°57'44.99"		
D4) MICHAEL W & JOYCE A CULLY			N40°47'50.00" W79°57'39.33"		
E4) BRENDAN J TUIITE & DANA L MONTGOMERY			N40°47'45.75" W79°57'40.36"		
F4) ROBERT E SR & NANCY R TUPPER			N40°47'46.91" W79°57'36.51"		
G4) JODY B OFFSTEIN & JENNIFER SMITH-OFFSTEIN			N40°47'57.40" W79°57'29.65"		
M4) STEPHEN M & DONNA L ZEHNDER			N40°47'56.03" W79°57'50.95"		
N4) KENNETH L WAGNER			N40°48'00.52" W79°57'41.52"		
O4) BRET C O'DONNELL			N40°48'00.87" W79°57'45.75"		
P4) ERIC V & DEBORAH M BURKHARD			N40°48'02.12" W79°57'50.51"		
Q4) ERIC V & DEBORAH M BURKHARD			N40°48'03.43" W79°57'50.83"		
R4) DAVID A & ELEANOR B HACKETT			N40°48'03.42" W79°57'53.15"		
S4) ORSBORN TRUST ET AL			N40°48'05.09" W79°57'48.31"		
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		
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WELL LOCATION PLAT

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Surface Owner/Water Purveyor w/Water Supply within 1000'/3000'		Latitude / Longitude of Water Supply		
T4) ORSBORN TRUST ET AL		N40°48'06.39" W79°57'50.40"		
U4) MARSHA A SMITH		N40°48'07.88" W79°57'49.80"		
V4) HUGHIE G & AUDREY I ORSBORN		N40°48'08.61" W79°57'47.92"		
W4) CHRISTINE K WALTERS		N40°48'07.64" W79°57'52.03"		
X4) RICHARD J & ROSEMARY L BALLARD		N40°48'07.53" W79°57'53.69"		
C6) JOHN B & JANE A SIRKCOCH		N40°48'05.91" W79°58'11.16"		
D6) ARTHUR O III & JANET W BLACK		N40°48'08.41" W79°58'03.17"		
E6) SCOTT C & DANIELLE A GUMTO		N40°48'03.27" W79°58'06.48"		
F6) JOHN B & JANE A SIRKCOCH		N40°48'03.17" W79°58'09.39"		
G6) SCOTT C & DANIELLE A GUMTO		N40°47'57.97" W79°58'06.47"		
H6) WAYNE L KENNEDY		N40°47'58.00" W79°58'13.77"		
I6) WAYNE L KENNEDY		N40°47'57.15" W79°58'13.00"		
J6) WAYNE L KENNEDY		N40°47'57.42" W79°58'13.12"		
K6) CLARK H & SHERYLE L LONG		N40°47'23.53" W79°58'23.36"		
L6) GREGORY F & DEBRA J KRELOW		N40°47'20.74" W79°58'12.99"		
M6) RICHARD D SPOTTS		N40°47'31.06" W79°58'35.99"		
N6) CLARK H & SHERYLE L LONG		N40°47'24.15" W79°58'23.80"		
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		
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Applicant / Well Operator Name: R.E. GAS DEVELOPMENT, LLC

DEP ID #: 290866

Well (Farm) Name: HARVEY UNIT

Well #: 3H

Serial #:

SPCS GRID NORTH
PA SOUTH ZONE
NAD83

LEGEND

- PROPOSED GAS WELL TOPHOLE
- PROPOSED GAS WELL LANDING POINT
- ⊗ PROPOSED GAS WELL BOTTOMHOLE
- - - WELL BORE
- - - WELL TIE LINES
- ▬ TRACT BOUNDARY

BEACON LIGHT ROAD

BEACON RD.

STUCKEY RD.

FORWARD TOWNSHIP
PENN TOWNSHIP
APPROX. LOCATION

MERIDIAN RD.

PIPE

#3H (TopHole)

ACCESS ROAD

KOP

LANDING POINT

S 17°44'01" E 288'

S 37°19'09" E 445'

S 45°42'30" E 6010'

#3H (BotHole)

50'

REGISTERED PROFESSIONAL
JOHN M. VOZEL
SURVEYOR
No. 041486-E
11/07/2014

WELL PAD

#3H
15'

1384.46043 ACRES

A = S 69°44'02" E 651.15'

B = N 75°56'34" E 2231.22'

SCALE: 1"=2000'

0' 2000' 4000'

Proposed Top Hole	Proposed KOP	Proposed Landing Point	Proposed Bottom Hole
Latitude: NORTH NAD83 40° 47' 41.88"	Latitude: NORTH NAD83 40° 47' 39.20"	Latitude: NORTH NAD83 40° 47' 35.77"	Latitude: NORTH NAD83 40° 46' 55.37"
Longitude: WEST NAD83 79° 58' 02.68"	Longitude: WEST NAD83 79° 58' 01.45"	Longitude: WEST NAD83 79° 57' 57.82"	Longitude: WEST NAD83 79° 57' 00.55"

WELL LOCATION PLAT
PAGE 4 Cross Section

Applicant / Well Operator Name: R.E. GAS DEVELOPMENT, LLC	DEP ID # : 290866	Well (Farm) Name: HARVEY UNIT	Well # : 3H
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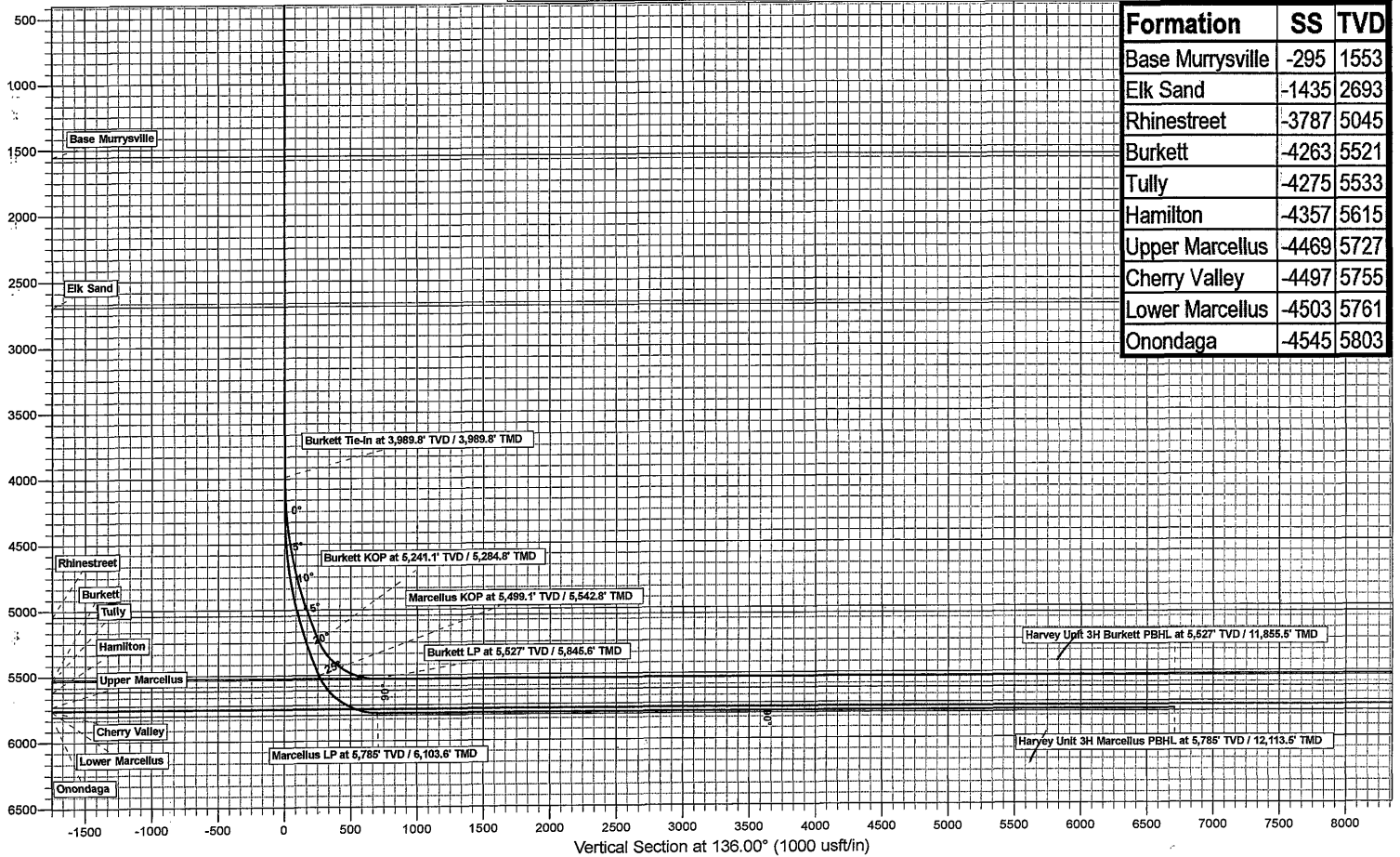
SEE ATTACHMENT



WELL DETAILS: Harvey Unit 3H

Ground Level: 0.0

+N/-S +E/-W Northing Easting Latitude Longitude
0.0 0.0 540171.03 1354605.72 40° 47' 41.880 N 79° 58' 2.680 W



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 #:	
	Permit #	
	Project #:	

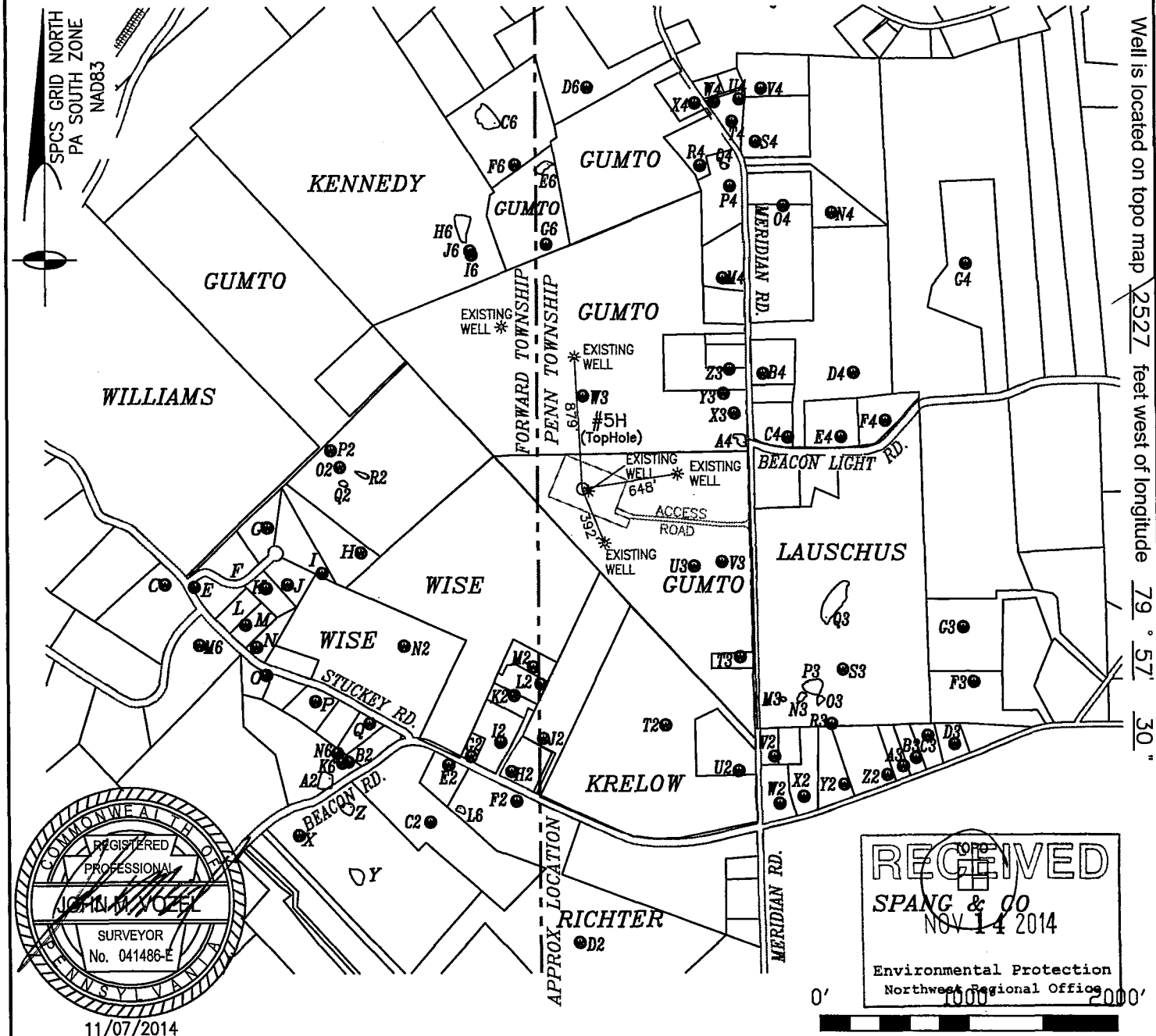
	Denotes location of well on topo map
True Latitude: NORTH (NAD83) 40° 47' 41.93"	
True Longitude: WEST (NAD83) 79° 58' 02.86"	

Well is located on topo map 13973 feet south of latitude 40° 50' 00'

NOTE:

THIS PLAT IS FOR WELL LOCATION PURPOSES ONLY AND DOES NOT REPRESENT A COMPLETE BOUNDARY SURVEY. CORNERS AND LINES PERTINENT TO LOCATING THE PROPOSED WELL ARE FROM FIELD SURVEY. OTHER LINES AND FEATURES SHOWN ARE FROM TAX MAPS AND/OR DEEDS. THE INFORMATION PRESENTED SHOULD NOT BE UTILIZED FOR ANY OTHER PURPOSES. THIS PROPERTY IS SUBJECT TO ANY EASEMENTS, RIGHT-OF-WAY AND/OR ENCUMBRANCES BOTH APPARENT AND OF RECORD. NO TITLE SEARCH HAS BEEN MADE IN PREPARATION OF THIS WELL PLAT.

LEGEND	
	SURFACE BOUNDARY
	PROPOSED GAS WELL TOPHOLE
	EXISTING GAS WELL
	SURFACE LANDOWNER - WATER SUPPLY



Applicant / Well Operator Name: R.E. GAS DEVELOPMENT, LLC		DEP ID # : 290866	Well (Farm)Name: HARVEY UNIT		Well # : 5H	Serial # :
Address: 366 WALKER DRIVE, STATE COLLEGE, PA 16801		County: BUTLER - 10		Municipality: PENN TOWNSHIP	Well Type: GAS	
911 Address of Well Site: 1050 MERIDIAN ROAD, RENFREW, PA 16053		USGS 7 1/2' Quadrangle Map Name: BUTLER		Map Section: 4	Surface Elevation: 1240	
Surveyor or Engineer: JOHN M. VOZEL TRI-COUNTY ENGINEERING, LLC	Phone #: (724)635-0210	Dwg. #: REXOG56-25-5H	Date: 10/17/2014	Scale: 1" = 1000'	Tract Acreage: 1891.4744	
Lat. & Long Metadata Method: Direct GPS	Accuracy: SUB-METER	ft. Datum: NAD 83	Elevation Metadata Method: DIRECT GPS	Accuracy: 2'	ft. Datum: NAVD 88	Survey Date: 10/4/2011

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Target Formation (s): BURKETT, MARCELLUS		Deepest Formation to be Penetrated: MARCELLUS	Number of laterals: 2	Total Wellbore Footage to be drilled all laterals: 21153
Surface Owner/Water Purveyor w/Water Supply within 1000'/3000'		Latitude / Longitude of Water Supply		
C) TODD R & MICHELLE E KOZIK		N40°47'34.98" W79°58'39.11"		
E) JOHN & HEATHER D CRISS		N40°47'34.86" W79°58'36.58"		
F) GEORGE E & MARY A VOELP		N40°47'36.04" W79°58'33.99"		
G) GREGORY M & LYNETTE A VARGO		N40°47'38.86" W79°58'30.30"		
H) ROBERT S & BONNIE A SWANEY		N40°47'37.39" W79°58'22.12"		
I) ROBERT S & BOBBI J CONGDON		N40°47'35.96" W79°58'25.51"		
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K) D E JR & VALERIE A DAUBENSPECK		N40°47'34.86" W79°58'30.34"		
L) MICHAEL E & DOREEN M NEWMAN		N40°47'32.90" W79°58'33.79"		
M) LYNN E & MICHAEL WENDEREUSZ		N40°47'32.44" W79°58'31.98"		
N) THEODORE M & STEPHANIE M OLDER		N40°47'30.99" W79°58'31.02"		
O) DOUGLAS & NANCY POLLOCK		N40°47'29.16" W79°58'30.13"		
P) LINDA HAYDEN		N40°47'27.52" W79°58'25.85"		
Q) THOMAS H SPOHN		N40°47'26.16" W79°58'21.06"		
X) RICHARD J & LAUREEN A HARTMAN		N40°47'18.67" W79°58'27.05"		
Y) RICHARD J & LAUREEN A HARTMAN		N40°47'16.43" W79°58'21.87"		
Z) RICHARD J & LAUREEN A HARTMAN		N40°47'20.65" W79°58'22.54"		
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Surface Owner/Water Purveyor w/Water Supply within 1000'/3000'		Latitude / Longitude of Water Supply		
W2) MABLE L JOHNSON		N40°47'21.52" W79°57'45.08"		
X2) JOSEPH L & LISA L HUGHES		N40°47'22.03" W79°57'43.02"		
Y2) REBECCA MORFORD		N40°47'22.90" W79°57'39.50"		
Z2) ARTHUR E HUGHES TRUST ET AL		N40°47'23.62" W79°57'35.74"		
A3) RENEE L MOCK		N40°47'24.21" W79°57'34.41"		
B3) JEFFREY R & MARY M FELDBAUER		N40°47'24.76" W79°57'33.31"		
C3) DONALD C & PAULA J GRUBBS		N40°47'26.25" W79°57'32.33"		
D3) NEIL A & JEANNE A REIGHARD		N40°47'25.76" W79°57'29.94"		
F3) ANTHONY J & DIANE M CALDERONE		N40°47'29.88" W79°57'28.33"		
G3) FRANK A JR & MARY A CALDERONE		N40°47'33.46" W79°57'29.32"		
M3) LEWIS F & HELEN LAUSCHUS		N40°47'28.39" W79°57'44.81"		
N3) LEWIS F & HELEN LAUSCHUS		N40°47'28.79" W79°57'43.22"		
O3) LEWIS F & HELEN LAUSCHUS		N40°47'28.56" W79°57'41.93"		
P3) LEWIS F & HELEN LAUSCHUS		N40°47'29.54" W79°57'42.89"		
Q3) LEWIS F & HELEN LAUSCHUS		N40°47'33.83" W79°57'41.38"		
R3) LEWIS F & HELEN LAUSCHUS		N40°47'26.87" W79°57'40.72"		
S3) LEWIS F & HELEN LAUSCHUS		N40°47'30.46" W79°57'39.79"		
T3) ERICH W & RAYLENE GUMTO		N40°47'31.13" W79°57'48.78"		
U3) ERICH W & RAYLENE GUMTO		N40°47'37.01" W79°57'52.96"		
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		
		Coal related parties		

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 & gas resources is **1-866-255-5158**.

Applicant / Well Operator Name: R.E. GAS DEVELOPMENT, LLC		DEP ID #: 290866	Well (Farm) Name: HARVEY UNIT		Well #: 5H	Serial #:
Surface Landowner / Lessor: ERICH W & RAYLENE GUMTO			Angle & Course of Deviation (Drilling): DEVIATED-SEE ATTACHED	Anticipated True Vertical Depth Feet (TVD): B=5527, M=5785	Anticipated Total Measured Depth Feet (TMD): B=12390, M=12648	
Target Formation (s): BURKETT, MARCELLUS			Deepest Formation to be Penetrated: MARCELLUS	Number of laterals: 2	Total Wellbore Footage to be drilled all laterals: 21153	
Surface Owner/Water Purveyor w/Water Supply within 1000'/3000'			Latitude / Longitude of Water Supply			
V3) ERICH W & RAYLENE GUMTO			N40°47'37.36" W79°57'50.57"			
W3) SCOTT C GUMTO			N40°47'48.03" W79°58'02.97"			
X3) SCOTT C GUMTO			N40°47'47.15" W79°57'49.71"			
Y3) SCOTT C GUMTO			N40°47'48.42" W79°57'50.67"			
Z3) TODD A SCHUBERT			N40°47'50.03" W79°57'50.21"			
A4) SCOTT C GUMTO			N40°47'45.25" W79°57'48.83"			
B4) CHARLES MCCALL			N40°47'49.82" W79°57'47.26"			
C4) THERESA M HELFER			N40°47'45.62" W79°57'44.99"			
D4) MICHAEL W & JOYCE A CULLY			N40°47'50.00" W79°57'39.33"			
E4) BRENDAN J TUTE & DANA L MONTGOMERY			N40°47'45.75" W79°57'40.36"			
F4) ROBERT E SR & NANCY R TUPPER			N40°47'46.91" W79°57'36.51"			
G4) JODY B OFFSTEIN & JENNIFER SMITH-OFFSTEIN			N40°47'57.40" W79°57'29.65"			
M4) STEPHEN M & DONNA L ZEHNDER			N40°47'56.03" W79°57'50.95"			
N4) KENNETH L WAGNER			N40°48'00.52" W79°57'41.52"			
O4) BRET C O'DONNELL			N40°48'00.87" W79°57'45.75"			
P4) ERIC V & DEBORAH M BURKHARD			N40°48'02.12" W79°57'50.51"			
Q4) ERIC V & DEBORAH M BURKHARD			N40°48'03.43" W79°57'50.83"			
R4) DAVID A & ELEANOR B HACKETT			N40°48'03.42" W79°57'53.15"			
S4) ORSBORN TRUST ET AL			N40°48'05.09" W79°57'48.31"			
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			
			Coal related parties			

WELL LOCATION PLAT

PAGE 2 Notifications

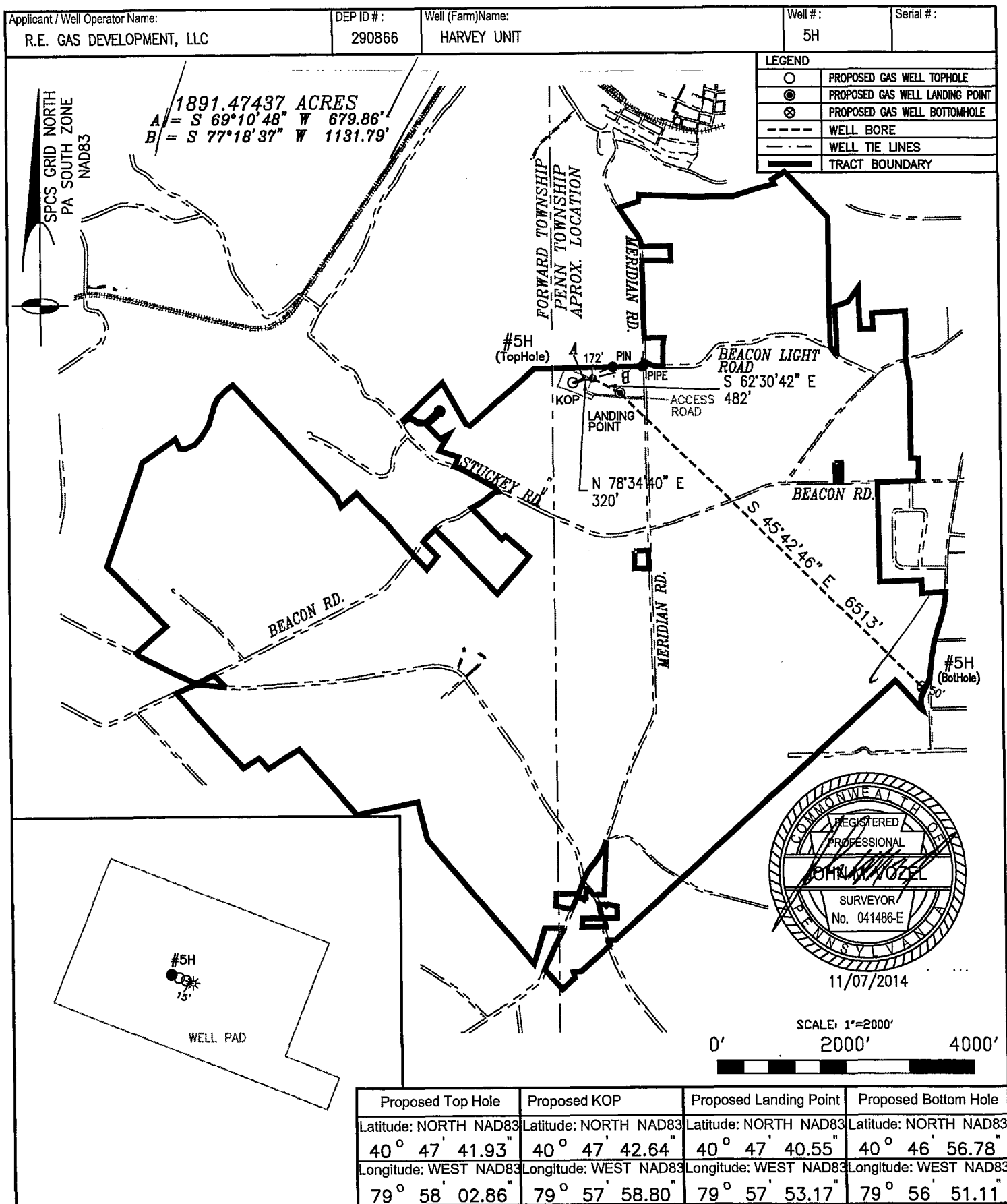
DEP Statewide toll-free phone number for reporting cases of water contamination which may be associated with development of oil & gas resources is **1-866-255-5158**.

Applicant / Well Operator Name: R.E. GAS DEVELOPMENT, LLC		DEP ID #: 290866	Well (Farm) Name: HARVEY UNIT	Well #: 5H	Serial #:
Surface Landowner / Lessor: ERICH W & RAYLENE GUMTO		Angle & Course of Deviation (Drilling): DEVIATED--SEE ATTACHED	Anticipated True Vertical Depth Feet (TVD): B=5527, M=5785	Anticipated Total Measured Depth Feet (TMD): B=12390, M=12648	
Target Formation (s): BURKETT, MARCELLUS		Deepest Formation to be Penetrated: MARCELLUS	Number of laterals: 2	Total Wellbore Footage to be drilled all laterals: 21153	
Surface Owner/Water Purveyor w/Water Supply within 1000'/3000'		Latitude / Longitude of Water Supply			
T4) ORSBORN TRUST ET AL		N40°48'06.39" W79°57'50.40"			
U4) MARSHA A SMITH		N40°48'07.88" W79°57'49.80"			
V4) HUGHIE G & AUDREY I ORSBORN		N40°48'08.61" W79°57'47.92"			
W4) CHRISTINE K WALTERS		N40°48'07.64" W79°57'52.03"			
X4) RICHARD J & ROSEMARY L BALLARD		N40°48'07.53" W79°57'53.69"			
C6) JOHN B & JANE A SIRKCOCH		N40°48'05.91" W79°58'11.16"			
D6) ARTHUR O III & JANET W BLACK		N40°48'08.41" W79°58'03.17"			
E6) SCOTT C & DANIELLE A GUMTO		N40°48'03.27" W79°58'06.48"			
F6) JOHN B & JANE A SIRKCOCH		N40°48'03.17" W79°58'09.39"			
G6) SCOTT C & DANIELLE A GUMTO		N40°47'57.97" W79°58'06.47"			
H6) WAYNE L KENNEDY		N40°47'58.00" W79°58'13.77"			
I6) WAYNE L KENNEDY		N40°47'57.15" W79°58'13.00"			
J6) WAYNE L KENNEDY		N40°47'57.42" W79°58'13.12"			
K6) CLARK H & SHERYLE L LONG		N40°47'23.53" W79°58'23.36"			
L6) GREGORY F & DEBRA J KRELOW		N40°47'20.74" W79°58'12.99"			
M6) RICHARD D SPOTTS		N40°47'31.06" W79°58'35.99"			
N6) CLARK H & SHERYLE L LONG		N40°47'24.15" W79°58'23.80"			
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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.



WELL LOCATION PLAT
PAGE 4 Cross Section

Applicant / Well Operator Name: R.E. GAS DEVELOPMENT, LLC	DEP ID #: 290866	Well (Farm) Name: HARVEY UNIT	Well #: 5H
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SEE ATTACHMENT



WELL DETAILS: Harvey Unit 5H

Ground Level: 0.0
+N/-S 0.0 +E/-W 0.0 Northing 540176.43 Easting 1354592.01 Latitude 40° 47' 41.930 N Longitude 79° 58' 2.860 W

