



OGePermit Submission Certification

This form is to be submitted as part of an electronic submission.

Well Name: Snyder E1-A	Well Owner: Tioga Energy Partners, LLC	Proposed Well Type: Gas Development
APD Number: 301		Permit Application Fee: \$2,760.00
Date Application Submitted: 04/24/2015	Well Owner's Address:	Proposed Total Measured Depth: 6605 feet
County: Tioga	P.O. Box 22222	Application Prepared by: Schultz, Adam
Town: Barton	Albany NY 12201	Application Submitted by: Schultz, Adam

I certify under penalty of law that I have personally examined, and am familiar with, the statements and information submitted in this transaction, including each of the attachments listed below. I certify that the statements and information are to the best of my knowledge and belief true, accurate, and complete. I am authorized to make this submission on behalf of the well operator for which the submission is made. I am aware that false statements are punishable pursuant to Section 210.45 of the penal law. This electronic application is being transmitted to:

Regional Minerals Manager
Regional Office
Division of Mineral Resources
NYS Department of Environmental Conservation
6274 E. Avon-Lima Road

Avon NY 14414

This form must be printed out and signed by the individual submitting this application. One original of the well plat map and an original of a spacing map if applicable must be submitted with the certification. These plat / maps must have an original stamp from the licensed preparer. A check in the amount of the Permit Application Fee noted above must accompany this Certification.

This application has been submitted with the following attachments:

- ☒ Drilling Plan (/apd/301/679/679.DP.pdf), Well Plat (/apd/301/679/679.WP.pdf), Directional Survey (/apd/301/679/679.DS.pdf)
 Environ. Asses. Form (/apd/301/679/679.EAF.pdf), Stimulation Data (/apd/301/679/679.FD.pdf), Affirmation of Acreage Control (/apd/301/679/679.AAC.pdf)
 Acreage Unit Map (/apd/301/679/679.AUM.pdf)

Owner's Signature:		
Owner's Mailing Address:		

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF MINERAL RESOURCES • BUREAU OF OIL AND GAS REGULATION

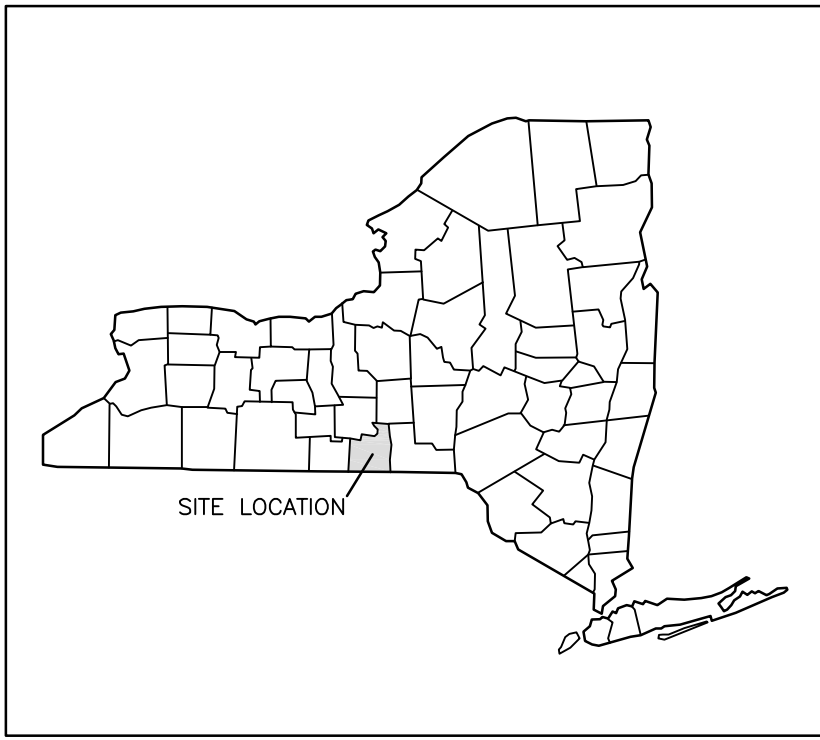
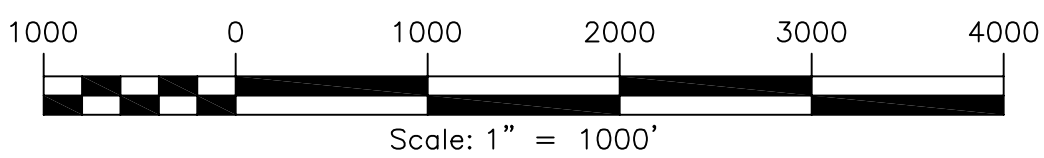
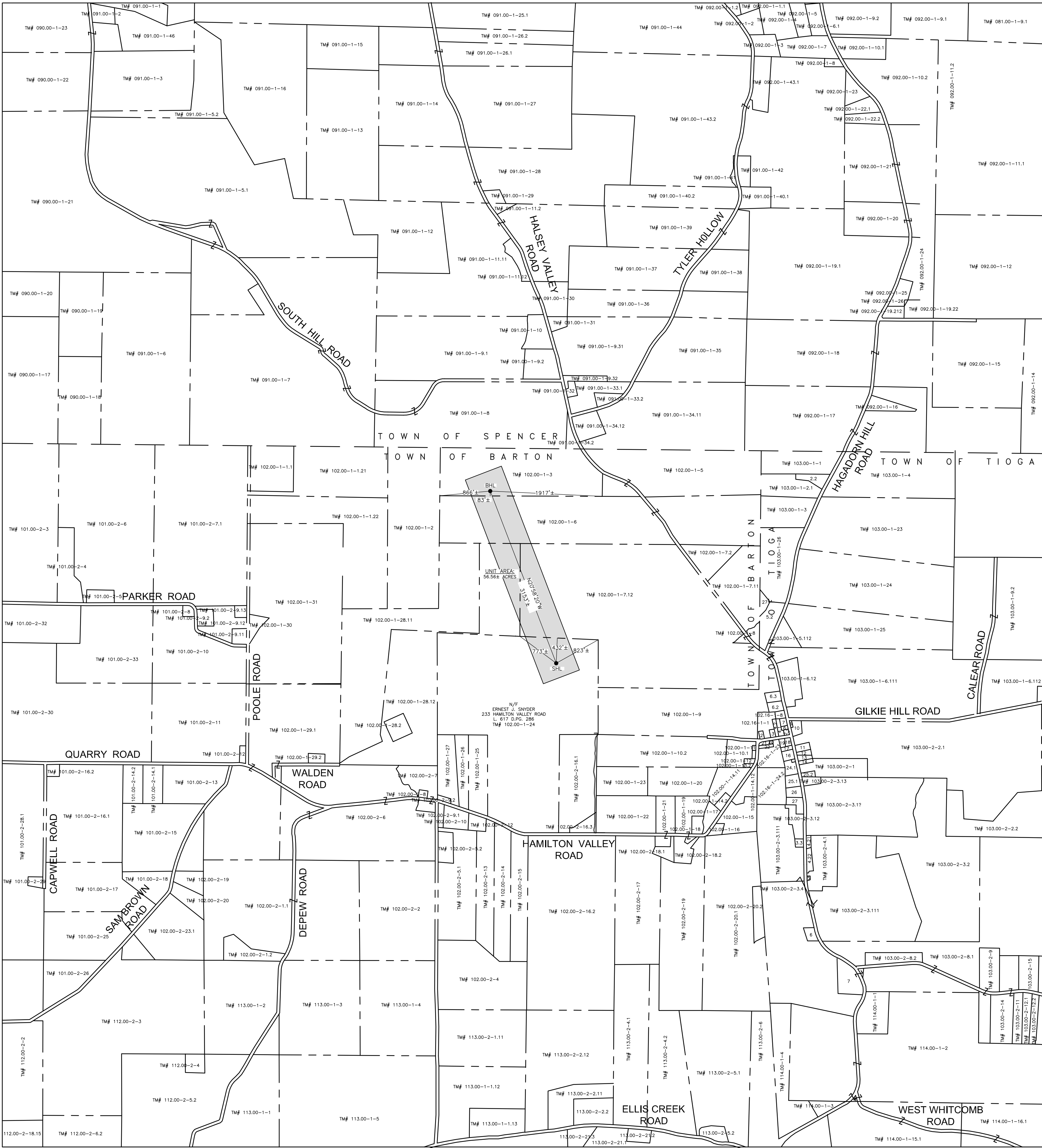


PRINT OR TYPE IN BLACK INK

APPLICATION FOR PERMIT TO DRILL, DEEPEN, PLUG BACK OR CONVERT A WELL SUBJECT TO THE OIL, GAS AND SOLUTION MINING LAW

THIS APPLICATION IS A LEGAL DOCUMENT. READ THE APPLICABLE AFFIRMATION AND ACKNOWLEDGMENT CAREFULLY BEFORE SIGNING.
For instructions on completing this form, visit the Division's website at www.dec.ny.gov/energy/205.html or contact your local Regional office.

PLANNED OPERATION: (Check one)		
<input checked="" type="checkbox"/> Drill	<input type="checkbox"/> Deepen	<input type="checkbox"/> Plug Back <input type="checkbox"/> Convert <input type="checkbox"/> Sidetrack
TYPE OF WELL: (Check one)		Existing API Well Identification Number
<input checked="" type="checkbox"/> New <input type="checkbox"/> Existing		31-
TYPE OF WELL BORE: (Check one)		
<input type="checkbox"/> Vertical <input type="checkbox"/> Directional <input checked="" type="checkbox"/> Horizontal		
NAME OF OWNER (Full Name of Organization or Individual as registered with the Division)		TELEPHONE NUMBER (include area code)
Tioga Energy Partners, LLC		518 426-4600
ADDRESS (P.O. Box or Street Address, City, State, Zip Code)		
P.O. Box 22222, Albany, NY 12201		
NAME AND TITLE OF LOCAL REPRESENTATIVE WHO CAN BE CONTACTED WHILE OPERATIONS ARE IN PROGRESS		
Todd Bellar		
ADDRESS—Business (P.O. Box or Street Address, City, State, Zip Code)		TELEPHONE NUMBER (include area code)
207 Carlton Road, Eighty Four, PA		724 239-2812
ADDRESS—Night, Weekend and Holiday (P.O. Box or Street Address, City, State, Zip Code)		TELEPHONE NUMBER (include area code)
		281 450-6294
WELL LOCATION DATA (attach plat)		
COUNTY	TOWN	FIELD/POOL NAME (or "Wildcat")
Tioga	Barton	Not Applicable
WELL NAME		WELL NUMBER
Snyder E1-A		
7½ MINUTE QUAD NAME	QUAD SECTION	PROPOSED TARGET FORMATION
Barton	A	Marcellus
LOCATION DESCRIPTION	Decimal Latitude (NAD83)	Decimal Longitude (NAD83)
Surface	0' 0'	7 6 . 4 5 3 8 8 9
Kickoff	3087 3087	7 6 . 4 5 3 8 8 9
Top of Target Interval	3714 3975	7 6 . 4 5 4 4 6 3
Bottom of Target Interval	3780 0	0 0 . 0 0 0 0 0 0
Bottom Hole	3658 6605	7 6 . 4 5 8 2 4 0
TVD	TMD	
PROPOSED WELL DATA		
WELL TYPE	PLANNED DATE OF COMMENCEMENT OF OPERATIONS	
Gas Development	07/15/2015	
SURFACE ELEVATION (check how obtained)	TYPE OF TOOLS	
1345 ft. <input checked="" type="checkbox"/> Surveyed <input type="checkbox"/> Topo Map <input type="checkbox"/> Other	Fluid Rotary	
NAME OF PLANNED DRILLING CONTRACTOR (as registered with the Division)		TELEPHONE NUMBER (include area code)
Patterson-Uti Drilling Co. LP, LLP		405 686-0006
PROPOSED SPACING DATA		
WELL SPACING TYPE (subject to Article 23, Title 5)	TYPE OF UNIT (conforms to spacing under either Title 5 or Part 533)	NUMBER OF ACRES IN UNIT
<input checked="" type="checkbox"/> Title 5 <input type="checkbox"/> Non-Title 5	<input checked="" type="checkbox"/> Conforming <input type="checkbox"/> Non-Conforming	56.56
ACREAGE CONTROLLED IN UNIT	ACREAGE CONTROLLED IN BORE HOLE (throughout entire hole)	STATE LANDS (leased or unitized)
<input type="checkbox"/> 100% <input type="checkbox"/> ≥ 60% AND <100%	<input type="checkbox"/> Yes <input type="checkbox"/> No	Not Applicable - Well Not on State Land
DEPARTMENT USE ONLY		
APD NUMBER	BOND NUMBER	RECEIPT NUMBER
301		
PERMIT FEE	API WELL IDENTIFICATION NUMBER	DATE ISSUED
\$2,760.00	31-	



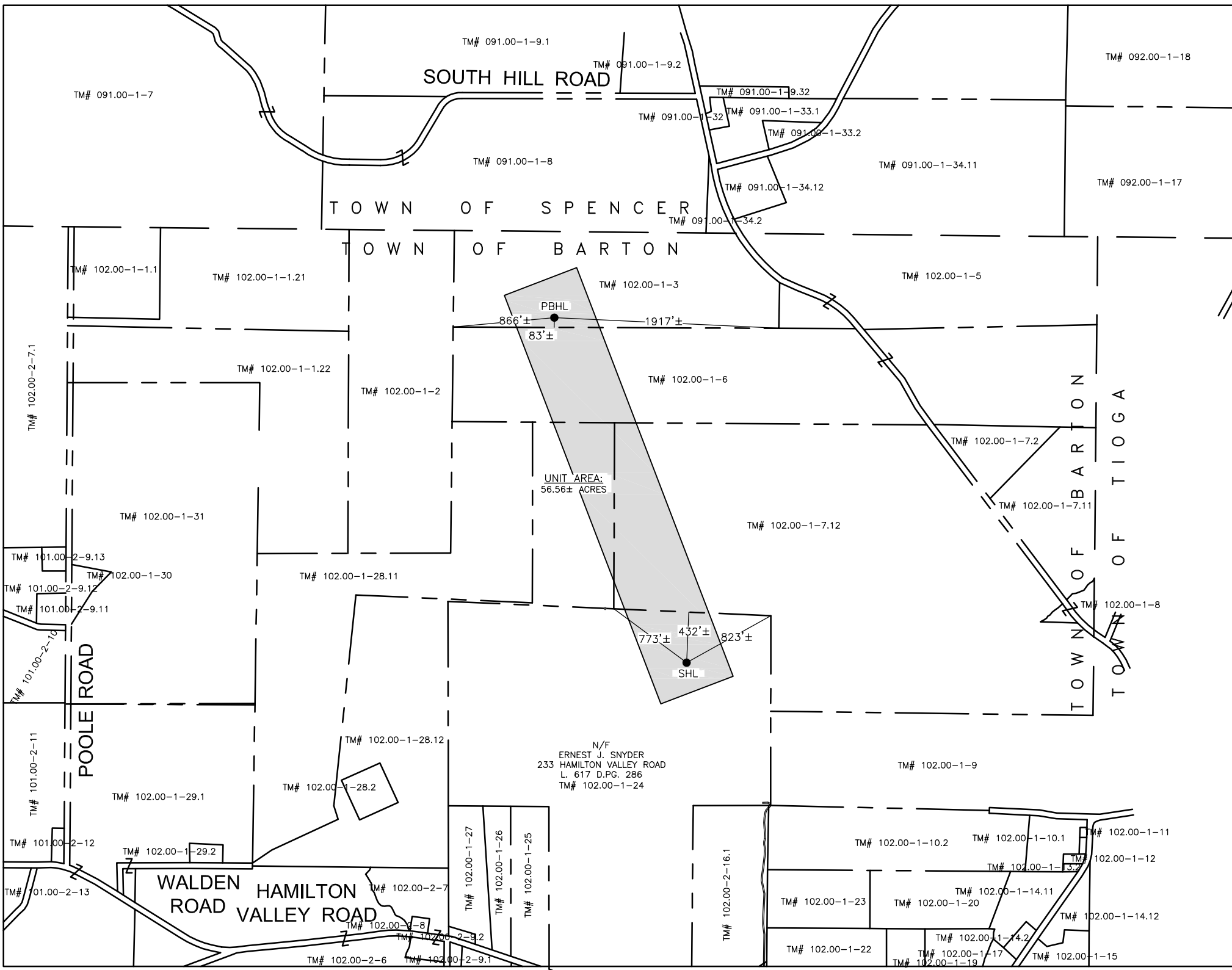
DISCLAIMER

THE GEOLOGICAL FEATURES AND BOUNDARIES OF THIS MAP ARE THE SOLE INTERPOLATION OF ARROWPOINT LAND SURVEYORS, FOR URDA ENGINEERING, PLLC WHICH WAS BASED UPON THE MOST RECENT SOURCES AVAILABLE AT THE TIME.

ARROWPOINT LAND SURVEYORS, AND URDA ENGINEERING, PLLC EXPRESSLY DISCLAIMS RESPONSIBILITY FOR ANY ACTION, ACTIVITY, OR DECISION UNDERTAKEN BY A THIRD PARTY ON THE BASIS OF THE INFORMATION DEPICTED ON THIS MAP.

CALL OR WRITE:
URDA ENGINEERING, PLLC
PO BOX 142
WINDSOR, NY 13865
(607) 760-6545

ARROWPOINT LAND SURVEYORS
1255 UNIVERSITY AVENUE, SUITE 240
ROCHESTER, NY 14607
(585) 755-0408



SPACING MAP
SNYDER E 1A
(MARCELLUS FORMATION)

SNYDER E 1A
TOWN OF BARTON
TIOGA COUNTY NY

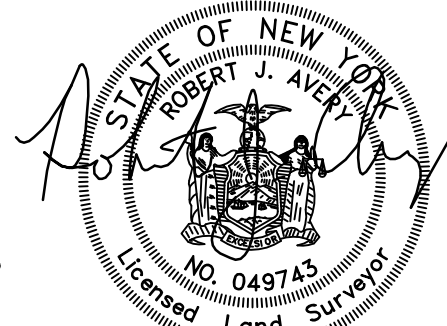
PROPOSED SURFACE HOLE LOCATION:
42.144722, - 76.453889 (NAD 83)
PROPOSED BOTTOM HOLE LOCATION:
42.152968, - 76.458240 (NAD 83)
TARGET FORMATION: MARCELLUS

PROPOSED TRUE VERTICAL DEPTH OF
BOTTOM HOLE LOCATION: 3657 ft.

PROPOSED TRUE MEASURED DEPTH OF
BOTTOM HOLE LOCATION: 6605 ft.

PLANNED INTERSECTION with TOP OF
PROPOSED TARGET FORMATION
LOCATION
TVD: 3714 ft.
TMD: 3975 ft.
PLANNED INTERSECTION with BOTTOM
TARGET FORMATION
TVD: 3780 ft.
TMD: None

DATE:
APRIL 15, 2015



LEGEND

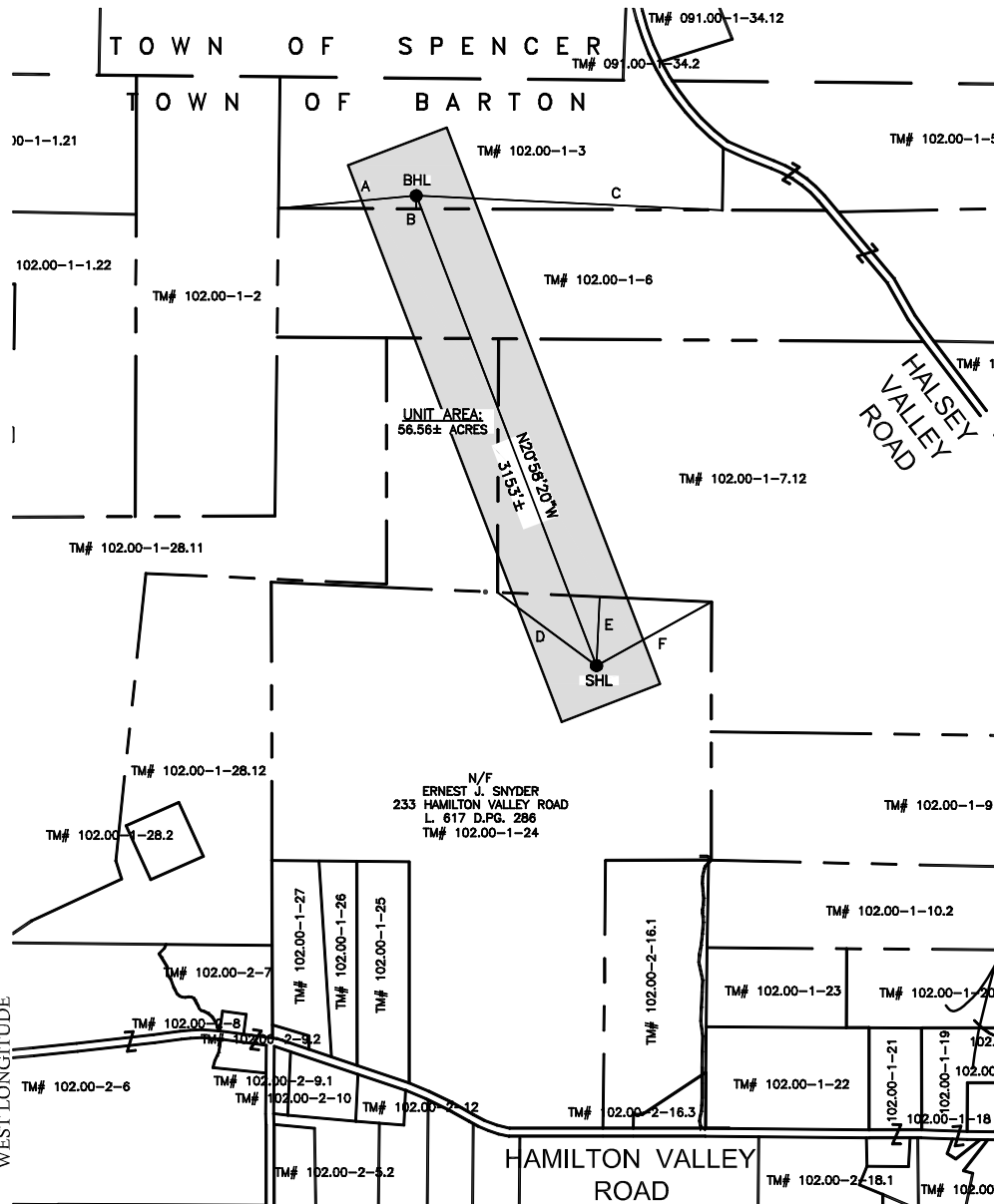
- PROPOSED LEASE
- TAX PARCEL

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF MINERAL RESOURCES
WELL LOCATION PLAT

WELL LOCATION PLAT
SNYDER E 1A
(MARCELLUS FORMATION)

NOTE: This plat is for well location purposes only and does not represent a complete boundary survey. Corners and lines pertinent to locating the well are from field survey. Other lines and features are from tax maps, aerial photographs and/or deeds.

Survey was performed with dual-frequency (L1+L2) GPS equipment. An RTK unit was used and processed against a NYSDOT CORS-corrected network base to achieve x,y coordinates with accuracy of ± 1 foot.



NAD 83 (0.000001° ±)

True Latitude: NORTH
Surface 42.144722°

True Longitude: WEST
Surface 76.453889°

True Latitude: NORTH
Bottom 42.152968°

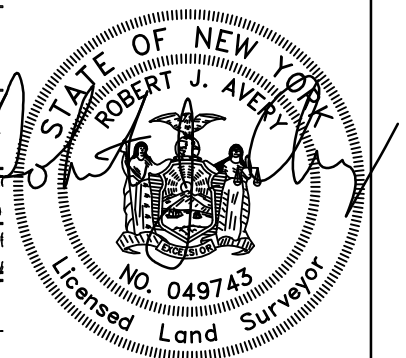
True Longitude: WEST
Bottom 76.458240°

Location Ties Bottom

A offset - 866'±
B offset - 83'±
C offset - 1917' ±

Location Ties Top

D offset - 773'±
E offset - 432'±
F offset - 823'±



Applicant / Well Operator Name TIOGA ENERGY PARTNERS, LLC c/o ADAM SCHULTZ, ESQ.		Well (Farm) Name SNYDER E		Well# 1A		Unit Acreage 56.56± ACRES	
Address P.O. BOX 22222 ALBANY, NEW YORK 12201		County Code TIOGA		Town BARTON			
Surface Landowner / Lessor ERNEST J. SNYDER		USGS 71/2 Quadrangle Map Name SPENCER NY QUADRANGLE			Map Section H		
Address 233 HAMILTON VALLEY RD, LOCKWOOD, NY 14859		Angle & Course of Deviation (Drilling) N20°58'20"W		Surface Elevation 1346.5		Anticipated Total Depth TVD 3657; TMD 6605	
Surface Owner or Water Purveyor with a Water Supply within 1,000 ft		Approximate Course and Distance to Water Supply		Surveyor or Engineer ROBERT J. AVERY		Reviewed by	
		PLS #049743		DEC USE ONLY		Permit#	
		Arrowpoint Land Surveyors 1255 University Avenue, Suite 240, Rochester, NY 14607 (585) 755-0408				Project#	
		Date: APRIL 15, 2015					
		Scale: 1" = 1200'				Field Name	



Frac Treatment Proposal

Prepared For:

Tioga Energy Partners, LLC

Well: Tioga Energy Partners. Hz Tioga County

Tioga County, NY

API # 00-000-00000

Tioga Energy Partners, LLC Contact

Tioga Energy Partners, LLC

540 Broadway, Box 22222

Albany, New York, NY 12201

GasFrac Contact

Eric Tudor

GasFrac Inc.

Suite 1900, 801 -6th Avenue SW,

Calgary, Alberta, T2P 3W2

For Service Call 403-237-6077

E-mail: eric.tudor@gasfrac.com

Prepared on: March 28, 2015

Order #: 1098-2

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NA v2.15 Gold4 r2

GASFRAC Energy Services Inc. Suite 1900, 801 -6th Avenue SW, Calgary, Alberta, T2P 3W2 Phone (403) 237-6077

GASFRAC Inc. 11757 Katy Freeway Suite 1300 Houston, Texas 77079 Phone: (281) 854-2051



NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

RECEIPT

NUMBER

598186

Region Number 8Date 5/27/15Location Avon Division MineralsReceived of Couch White, LLPIn the amount of One thousand six hundred twenty \$ 1,620 -For Oil & Gas Drilling & Depth FeesSnyder E 1A, Town of Barton, Tioga County☐ Cash Department Representative Braccia☒ Check Number 1620 Title Agency Program Fee☐ Money Order

ORIGINAL

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF MINERAL RESOURCES



PRE-SITE INSPECTION REPORT

This form should be used for the inspection of pre-disturbance conditions at any proposed well location. This form must be completed in the field during the inspection. Any information written on this form must be entered into RBDMS. This form must be retained in accordance with DMN's records retention requirements.

WELL NAME AND NUMBER SNYDER, E. #1		API NUMBER 31-107-30000-00-00	
WELL OWNER TIOGA ENERGY PARTNERS, LLC		GPS COORDINATES (If applicable) Decimal Latitude (NAD83) Decimal Longitude (NAD83) [] [] . [] [] [] [] [] [] [] [] . [] [] [] [] [] []	
INSPECTION DATE 6.26.15	PRIMARY INSPECTOR J. YAROSZ	SECONDARY INSPECTOR L. COLLART / P. BRIGGS	
PERSONS INTERVIEWED DURING INSPECTION (include names and affiliations)			

INSPECTION DETAILS

INSPECTION ITEM	RESULT	C
1. Does the well plat appear to be accurate?	1. Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA <input type="checkbox"/>	C <input type="checkbox"/>
2. Is there an existing access road?	2. Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA <input type="checkbox"/>	C <input checked="" type="checkbox"/>
3. Should any consideration be given to relocating the planned access road?	3. Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA <input type="checkbox"/>	C <input type="checkbox"/>
4. Are there fences or other barriers to access?	4. Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA <input type="checkbox"/>	C <input type="checkbox"/>
5. Is the site posted?	5. Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA <input type="checkbox"/>	C <input type="checkbox"/>
Note: For items 6-11 below, "proposed location" means the well and well pad.		
6. Is the proposed location within 150 feet of a public building or place of assembly?	6. Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA <input type="checkbox"/>	C <input type="checkbox"/>
7. Is the proposed location within 150 feet of from a private dwelling?	7. Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA <input type="checkbox"/>	C <input type="checkbox"/>
8. Is the proposed location within 75 feet of a public road (traveled part)?	8. Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA <input type="checkbox"/>	C <input type="checkbox"/>
9. Is the proposed location within 150 feet of a permanent surface body of water including streams?	9. Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA <input type="checkbox"/>	C <input type="checkbox"/>
10. Is the proposed location within 150 feet of a surface municipal water supply?	11. Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA <input type="checkbox"/>	C <input type="checkbox"/>
11. Is the proposed location within 150 feet of a private water well or spring used for domestic supply?	11. Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA <input type="checkbox"/>	C <input type="checkbox"/>
Note: For items 12-16 below, "proposed location" (i.e., well and well pad) and access road apply.		
12. Is the proposed location or access road in a state-regulated wetland or its 100-foot buffer zone, or within or immediately adjacent to federal wetlands?	12. Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA <input type="checkbox"/>	C <input type="checkbox"/>
13. Is the proposed location or access road in or near a 100-year flood plain (within 100 feet)?	13. Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA <input type="checkbox"/>	C <input type="checkbox"/>
14. Is the proposed location or access road in or near a protected stream (within 50 feet)?	14. Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA <input type="checkbox"/>	C <input type="checkbox"/>
15. Is the proposed location or access road in or near State land, a State park or other governmental property?	15. Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA <input type="checkbox"/>	C <input type="checkbox"/>
16. Is the estimated slope of the proposed location greater than 15%? If yes, note the estimated slope as a percentage.	16. Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA <input type="checkbox"/>	C <input type="checkbox"/>
17. If the proposed disturbance is less than one acre, do erosion and sedimentation controls appear to be necessary?	17. Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/>	C <input type="checkbox"/>
18. Were other DEC representatives present during the inspection? If yes, provide names and affiliations.	18. Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA <input type="checkbox"/>	C <input type="checkbox"/>
19. Were other local, state or federal representatives present during the inspection? If yes, provide names and affiliations.	19. Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA <input type="checkbox"/>	C <input type="checkbox"/>
20. Do any items proposed in the permit application raise concern based on this inspection?	20. Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA <input type="checkbox"/>	C <input type="checkbox"/>
21. Were photos taken during this inspection?	21. Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA <input type="checkbox"/>	C <input type="checkbox"/>

ADDITIONAL COMMENTS

C#2 - A FARM LANE EXTENDS +/- 50% OF THE WAY TO THE WELL. THIS EXISTING ROAD WOULD REQUIRE IMPROVEMENT. THE REST OF THE ROAD WOULD BE NEW CONSTRUCTION.

C#18 - L. COLLART & P. BRIGGS, NYS DEC, DIVISION OF MINERAL RESOURCES.

THE STAKE IS LOCATED IN ROLLING UPLAND HAYFIELD. NO DRAINAGE FEATURES WITHIN THE PROJECT AREA. TOPOGRAPHY BECOMES STEEPLY SLOPING +/- 500' TO THE NE.
A +/- 5 AC FARM POND IS LOCATED > 1000' TO THE WEST OF WELL STAKE.



NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

RECEIPT

NUMBER

598184

Region Number 8 Date 4/30/2015Location Avon Division MineralsReceived of Couch White, LLPIn the amount of three thousand nine hundred - \$3,900-For Oil & Gas Drilling & Depth FeesTicor Energy Products Snyder E1, Town of Barton, Ticor Co.☐ Cash Department Representative Graccia☒ Check Number 75934 Title Agency Representative☐ Money Order

ORIGINAL

Couch White, LLP
 540 Broadway, P.O. Box 22222
 Albany, NY 12201
 518-426-4600
www.couchwhite.com

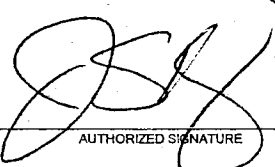
M&T BANK
 1 M&T PLZ
 BUFFALO, NY 14203
 10-4/220

04/29/15 DATE AMOUNT
 **\$3,900.00

*** THREE THOUSAND NINE HUNDRED & 00/100 DOLLARS

PAY

TO THE NYS DEPARTMENT OF ENVIRONMENTAL
 ORDER CONSERVATION
 OF:


 AUTHORIZED SIGNATURE

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF MINERAL RESOURCES • BUREAU OF OIL AND GAS REGULATION



PRINT OR TYPE IN BLACK INK

APPLICATION FOR PERMIT TO DRILL, DEEPEN, PLUG BACK OR CONVERT A WELL SUBJECT TO THE OIL, GAS AND SOLUTION MINING LAW

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