

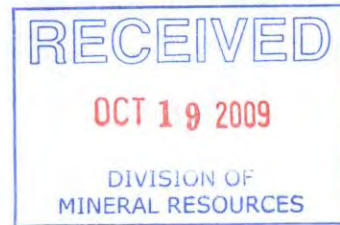


EXPLORATION CORPORATION

555 Seventeenth Street • Suite 2400 • Denver, Colorado 80202 • Telephone 303/298-1000 • Fax 303/299-1518

October 13, 2009

Ms. Jodi Rospendowski
New York State Department of Environmental Conservation
Division of Mineral Resources, Region 8
6274 East Avon-Lima Road
Avon, New York 14414-9519



Dear Ms. Rospendowski:

Enclosed please find Anschutz Exploration Corporation's new Application for Permit to Drill the Cook 1 well located in the Town of Dryden, Tompkins County.

The application is comprised of the following documents:

1. Application for Permit to Drill
2. Proposed Casing String / Cement Job Details
3. Wellbore Diagram
4. Directional Plan
5. Additional Depth Fee Payment
6. Copy of the Organizational Report sent to the DEC in Albany
7. Environmental Assessment Form
8. Affirmation of Acreage Control & Rights in Target Formation
9. Unit Plats

Should you have any questions or require any further information, please contact Ardith Barbosa at (303) 299-1532 or ardith.barbosa@tac-denver.com.

Sincerely,

Jim Oursland
Vice President of Engineering & Operations

Encl.



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																																				
TYPE OF WELL: (Check one) <input checked="" type="checkbox"/> New <input type="checkbox"/> Existing		Existing API Well Identification Number 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) Anschutz Exploration Corporation			TELEPHONE NUMBER (include area code) 303 298-1000																																	
ADDRESS (P.O. Box or Street Address, City, State, Zip Code) 555 Seventeenth Street, Suite 2400, Denver, CO 80202																																				
NAME AND TITLE OF LOCAL REPRESENTATIVE WHO CAN BE CONTACTED WHILE OPERATIONS ARE IN PROGRESS To be determined																																				
ADDRESS—Business (P.O. Box or Street Address, City, State, Zip Code)			TELEPHONE NUMBER (include area code)																																	
ADDRESS—Night, Weekend and Holiday (P.O. Box or Street Address, City, State, Zip Code)			TELEPHONE NUMBER (include area code)																																	
WELL LOCATION DATA (attach plat)																																				
COUNTY Tompkins	TOWN Dryden	FIELD/POOL NAME (or "Wildcat") Wildcat																																		
WELL NAME Cook	WELL NUMBER 1	NUMBER OF ACRES IN UNIT 316.90																																		
7½ MINUTE QUAD NAME Dryden	QUAD SECTION B	PROPOSED TARGET FORMATION Black River																																		
LOCATION DESCRIPTION																																				
		Decimal Latitude (NAD83)																																		
Surface 0' 0	<table border="1" style="width:100%; text-align: center;"> <tr><td>4</td><td>2</td><td>4</td><td>7</td><td>6</td><td>8</td><td>0</td><td>0</td></tr> <tr><td>4</td><td>2</td><td>4</td><td>7</td><td>8</td><td>2</td><td>8</td><td>7</td></tr> <tr><td>4</td><td>2</td><td>4</td><td>8</td><td>2</td><td>2</td><td>9</td><td>8</td></tr> <tr><td>4</td><td>2</td><td>4</td><td>8</td><td>3</td><td>8</td><td>0</td><td>0</td></tr> </table>		4	2	4	7	6	8	0	0	4	2	4	7	8	2	8	7	4	2	4	8	2	2	9	8	4	2	4	8	3	8	0	0	Decimal Longitude (NAD83)	
4	2	4	7	6	8	0	0																													
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Top of Target Interval 7,524 7,770	<table border="1" style="width:100%; text-align: center;"> <tr><td>7</td><td>6</td><td>3</td><td>2</td><td>6</td><td>2</td><td>1</td><td>0</td></tr> <tr><td>7</td><td>6</td><td>3</td><td>2</td><td>6</td><td>2</td><td>7</td><td>1</td></tr> <tr><td>7</td><td>6</td><td>3</td><td>2</td><td>6</td><td>4</td><td>3</td><td>7</td></tr> <tr><td>7</td><td>6</td><td>3</td><td>2</td><td>6</td><td>5</td><td>0</td><td>0</td></tr> </table>		7	6	3	2	6	2	1	0	7	6	3	2	6	2	7	1	7	6	3	2	6	4	3	7	7	6	3	2	6	5	0	0		
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7	6	3	2	6	4	3	7																													
7	6	3	2	6	5	0	0																													
Bottom of Target Interval 7,487 9,240																																				
Bottom Hole 7,476 9,788																																				
	TVD	TMD																																		
PROPOSED WELL DATA																																				
WELL TYPE (check one) <input type="checkbox"/> Oil Production <input checked="" type="checkbox"/> Gas Production <input type="checkbox"/> Brine <input type="checkbox"/> Storage <input type="checkbox"/> Injection <input type="checkbox"/> Brine Disposal <input type="checkbox"/> Geothermal <input type="checkbox"/> Stratigraphic <input type="checkbox"/> Other _____		PLANNED TOTAL DEPTH TVD 7,476 ft. TMD 9,788 ft. Kickoff 6,750 TMD	PLANNED DATE OF COMMENCEMENT OF OPERATIONS November 12, 2009																																	
SURFACE ELEVATION (check how obtained) 1,484 ft. <input checked="" type="checkbox"/> Surveyed <input type="checkbox"/> Topo Map <input type="checkbox"/> Other _____		TYPE TOOLS <input type="checkbox"/> Cable <input checked="" type="checkbox"/> Rotary	PLANNED DRILLING FLUID <input checked="" type="checkbox"/> Air <input type="checkbox"/> Water <input checked="" type="checkbox"/> Mud																																	
NAME OF PLANNED DRILLING CONTRACTOR (as registered with the Division) To be determined			TELEPHONE NUMBER (include area code)																																	
ON ATTACHED SHEET GIVE DETAILS FOR EACH PROPOSED CASING STRING AND CEMENT JOB INCLUDING BUT NOT LIMITED TO: Bit size, casing size, casing weight and grade, TVD and TMD of casing set, scratchers, centralizers, cement baskets, sacks of cement, class of cement, cement additives with percentages or pounds per sack, estimated TVD and TMD of the top of cement, estimated amount of excess cement and waiting-on-cement time. FOR DIRECTIONAL OR SIDETRACK WELLS ALSO INCLUDE A WELL BORE DIAGRAM SHOWING THE LOCATION OF THE ITEMS INCLUDED IN THE ABOVE REFERENCED DETAILS.																																				
DEPARTMENT USE ONLY																																				
BOND NUMBER 42-30-0 8479 fts	<div style="border: 2px solid blue; padding: 10px; width: fit-content; margin: auto;"> <h2 style="margin: 0;">RECEIVED</h2> <p style="margin: 5px 0 0 0; color: red; font-weight: bold;">OCT 19 2009</p> <p style="margin: 5px 0 0 0; font-size: small;">DIVISION OF MINERAL RESOURCES</p> </div>																																			
API WELL IDENTIFICATION NUMBER 76-17-30 9406 NEW																																				
RECEIPT NUMBER 31-109-26431-00 547975 (\$3900)																																				
DATE ISSUED																																				

WELL NAME Cook	WELL NUMBER 1	NAME OF OWNER Anschutz Exploration Corporation
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COMMENTS:

AFFIRMATION AND ACKNOWLEDGMENT

A. For use by individual:

By the act of signing this application:

- (1) I affirm under penalty that the information provided in this application is true to the best of my knowledge and belief; and that I possess the right to access property, and drill and/or extract oil, gas, or salt, by deed or lease, from the lands and site described in the well location data section of this application. I am aware that any false statement made in this application is punishable as a Class A Misdemeanor under Section 210.45 of the Penal Law.
- (2) I acknowledge that if the permit requested to be issued in consideration of the information and affirmations contained in this application is issued, as a condition to the issuance of that permit, I accept full legal responsibility for all damage, direct or indirect, of whatever nature and by whomever suffered, arising out of the activity conducted under authority of that permit; and agree to indemnify and hold harmless the State, its representatives, employees, agents, and assigns for all claims, suits, actions, damages, and costs of every name and description, arising out of or resulting from the permittee's undertaking of activities or operation and maintenance of the facility or facilities authorized by the permit in compliance or non-compliance with the terms and conditions of the permit.

_____ Printed or Typed Name of Individual

_____ Signature of Individual

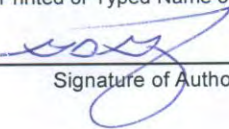
_____ Date

B. For use by organizations other than an individual:

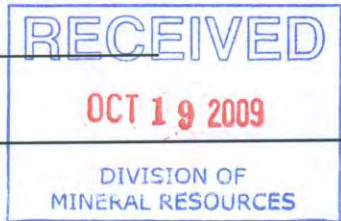
By the act of signing this application:

- (1) I affirm under penalty of perjury that I am Drilling Manager (title) of Anschutz Exploration Corporation (organization); that I am authorized by that organization to make this application; that this application was prepared by me or under my supervision and direction; and that the aforementioned organization possesses the right to access property, and drill and/or extract oil, gas, or salt by deed or lease, from the lands and site described in the well location data section of this application. I am aware that any false statement made in this application is punishable as a Class A Misdemeanor under Section 210.45 of the Penal Law.
- (2) Anschutz Exploration Corporation (organization); acknowledges that if the permit requested to be issued in consideration of the information and affirmations contained in this application is issued, as a condition to the issuance of that permit, it accepts full legal responsibility for all damage, direct or indirect, of whatever nature and by whomever suffered, arising out of the activity conducted under authority of that permit; and agrees to indemnify and hold harmless the State, its representatives, employees, agents, and assigns for all claims, from suits, actions, damages, and costs of every name and description, arising out of or resulting from the permittee's undertaking of activities or operation and maintenance of the facility or facilities authorized by the permit in compliance or non-compliance with the terms and conditions of the permit.

Jerry Gentry
_____ Printed or Typed Name of Authorized Representative


_____ Signature of Authorized Representative

10/9/2009
_____ Date



New York State Department of Environmental Conservation
Division of Mineral Resources

Oil, Gas and Solution Mining Regulatory Program

Final GEIS Consistency Assessment Form

A. INSTRUCTIONS

1. Division of Mineral Resources ("DMN") staff shall complete this Consistency Assessment Form ("CAF") for specific proposed actions which are subject to Environmental Conservation Law ("ECL") Article 23 and 6NYCRR Parts 550 - 559. These actions are issuance of a) standard individual well permits, b) individual well permits for locations above an aquifer(s) and c) oil and gas well permits in the "Bass Islands" field. This assessment is performed to evaluate such actions for conformance with the July 1992 Final Generic Environmental Impact Statement ("GEIS") on the Oil, Gas and Solution Mining Regulatory Program, which incorporates by reference the January 1988 Draft GEIS, and the September 1, 1992 Findings Statement. No additional State Environmental Quality Review Act ("SEQRA") determination (i.e., Negative or Positive) is required prior to well permitting if, after reviewing the project application and site-specific DMN Environmental Assessment Form ("EAF"), it is determined that the proposed action conforms to the standards, criteria and thresholds discussed in the Final GEIS and associated documents. Conforming actions are "Not Significant" under SEQRA.
2. If any question in Section C on this form is answered "YES", then the proposed action must be evaluated with a site-specific environmental assessment using the Long-Form EAF available in Appendix A of 6NYCRR Part 617. A site or project-specific Environmental Impact Statement ("EIS") may also be required depending upon information revealed in the permit application and accompanying EAFs.
3. Before answering the questions in Section C, the preparer of this form should a) review the application for the proposed action and accompanying EAF, b) be familiar with the standards, criteria and thresholds discussed in Final GEIS and its Findings Statement and c) consult with the appropriate Division of Environmental Permits' office as required to determine the need for other Department permits.

B. DESCRIPTION OF PROPOSED ACTION

1. Check type of action:

<input checked="" type="checkbox"/>	Issuance of standard individual well permit
<input type="checkbox"/>	Issuance of individual well permit for location above an aquifer(s)
<input type="checkbox"/>	Issuance of oil and gas well permit in the "Bass Island" field

2. Location: Tompkins County Dryden City, Town or Village

Cook 1 Well Name & Number 31-109-26431-00 API Number

3. Name of applicant: Anschutz Exploration Corporation

Mailing address: 555 Seventeenth Street, Suite 2400, Denver, CO 80202

Telephone Number: Area Code: 303-298-1000

C. ASSESSMENT (Check either "YES" or "NO" for each of the following questions)

- | | YES | NO |
|--|-------------------------------------|-------------------------------------|
| 1. Does the proposed action involve or result in any of the following activities? | <input type="checkbox"/> | <input type="checkbox"/> |
| (a) Other Department permit(s) required | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| (b) Disturbance of more than 2.5 acres in an Agricultural District | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| (c) Well located within a State Parkland | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| (d) Well located less than 2000' from a municipal water supply well | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| (e) New major waterflood or tertiary recovery project | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| (f) New underground gas storage project or major modification | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| (g) New solution mining project or major modification | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| (h) Any activity not conforming to the standards, criteria and thresholds discussed in the Final GEIS and its Findings Statement | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

If any question in Section C above is answered "YES", then the proposed action must be evaluated using a site-specific environmental assessment using the Long-Form EAF. If all of the questions were answered "NO", proceed to Sections D and E of this form.

D. REMARKS OR ADDITIONAL INFORMATIONE. CERTIFICATION

1. I hereby certify that:

I have reviewed the application and accompanying EAF for the proposed action,

- (b) I am familiar with the standards, criteria and thresholds discussed in the July 1992 Final Generic Environmental Impact Statement on the Oil, Gas and Solution Mining Regulatory Program and its September 1, 1992 Findings Statement, and;
- (c) I have determined that the proposed action conforms with the standards, criteria and thresholds in the above noted documents and therefore does not require an additional State Environmental Quality Review Act determination.

Name: Jodi L. Rospendowski

Signature: *J. Rospendowski* Title: Mineral Resources Technician

Telephone Number: (585)-226-5306 Date: October 20, 2009



AFFIRMATION OF ACREAGE CONTROL & RIGHTS IN TARGET FORMATION

- This form is a legal document submitted in support of the Owner's Application for a Permit to Drill, Deepen, Plug Back or Convert a well subject to Title 5 of the Oil, Gas and Solution Mining Law.
- Complete Parts 1, 2 & 3 below and submit this form together with the application for a well permit for a well subject to Title 5. The permit application will not be processed without this form.
- This form must be signed by an authorized individual listed in box 7 of the owner's Organizational Report on file with the Division of Mineral Resources as of the date of the application.
- This form does not replace the affirmation and acknowledgment on the permit application form itself. The affirmation and acknowledgment on the permit application form must also be completed.

Part 1. Owner and Well Information (as shown on permit application)

Name of Owner: Anschutz Exploration Corporation

Well Name and Number: Cook 1

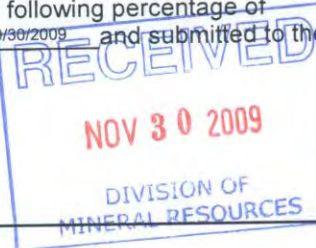
Proposed Target Formation: Black River

Part 2. Acreage Control in Proposed Spacing Unit [§23-0501.2]

The applicant for a well permit listed above controls through fee ownership, voluntary agreement, or integration pursuant to Section 23-0701 or 23-0901 of the Oil, Gas and Solution Mining Law the following percentage of acreage with the proposed spacing unit for the well as shown on the map dated 10/30/2009 and submitted to the Division of Mineral Resources with the application for a permit subject to Title 5.

Check only one:

- 100%
- Less than 100% but at least 60%



Part 3. Oil and Gas Rights in Target Formation to Be Penetrated by Wellbore [§23-0501.2(B)]

Check only one:

- The applicant for a well permit listed above controls the oil or gas rights, as applicable, in the target formation to be penetrated by the wellbore.
- The applicant for a well permit listed above does not control the oil or gas rights, as applicable, in the target formation to be penetrated by the wellbore. Any well permit issued prior to issuance of an integration order will be conditioned pursuant to ECL §23-0501.2(B) until an integration order is issued.

I affirm under penalty of perjury that I am authorized to make this affirmation and that it is true to the best of my knowledge and belief. I am aware that any false statement made in this affirmation is punishable as a Class A Misdemeanor under Section 210.45 of the Penal Law.

Pamela Kalstrom

Printed or Typed Name of Authorized Representative

Signature of Authorized Representative

11/02/2009

Date

API Number: 31-
(to be completed by Mineral Resources staff only)

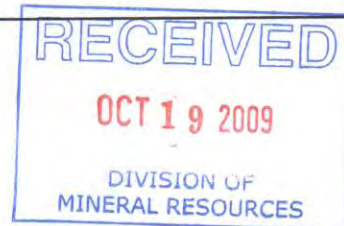
RCM



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

PROPOSED CASING STRING/CEMENT JOB DETAILS

TYPE OF WELL: (Check one) <input checked="" type="checkbox"/> New <input type="checkbox"/> Existing		Existing API Well Identification Number 31-015-26304-00									
COUNTY Tompkins	TOWN Dryden	WELL NAME Cook				WELL NUMBER 1	FIELD/POOL NAME (or "Wildcat") Wildcat				
NAME OF OWNER (Full Name of Organization or Individual as registered with the Division) Anschutz Exploration Corporation						TELEPHONE NUMBER (include area code) 303-299-1400					
ADDRESS (P.O. Box or Street Address, City, State, Zip Code) 555 17th Street, Suite 2505, Denver, CO 80202											
CASING PROGRAM											
CASING STRINGS	BIT SIZE	CASING SIZE	CASING WEIGHT AND GRADE	CASING SET TVD TMD		NUMBER CENTRALIZERS					
Conductor	n/a	20	94 ppf H40	60	60	2					
Surface	17 1/2	13 3/8	61.0 ppf K55	650	650	7					
Intermediate	12 1/4	9 5/8	47 ppf L80	3,200	3000	30					
	12 1/4	9 5/8	53.5 ppf HCP110	5,760	4400						
Production	8 1/2	7	29 ppf L80	9,416	9737	35					
CEMENT DATA											
CEMENT DATA	CLASS/TYPE OF CEMENT	NUMBER OF SACKS	YIELD (Ft ³ /Sk)	ADDITIVES (WITH % OR LBS PER SACK)	TOP OF CEMENT TVD TMD		EXCESS CEMENT	W.O.C. TIME			
Conductor	A	71	1.2	neat w/ 0.50 lbs/sk celloflake	0	0	100%	24 hrs			
Surface	A	629	1.2	2% CaCl, 0.25 lbs/sk celloflake	0	0	50%	8 hrs			
Int Lead	35/65 Poz/A	650	1.96	6% bentonite, 10% NaCl, 0.2% fluid loss, 0.1% retarder, 0.25% celloflake, 0.25% lost circulation	0	0	30%	24 hrs			
Int Tail	A	432	1.22	18% salt, 0.1% retarder, 1.2% dispersant, 0.25% lost circulation	0	0	30%	24 hrs			
Prod Lead	35/65 Poz/A	264	1.96	6% bentonite, 10% NaCl, 0.2% fluid loss, 0.2% dispersant, 0.3% retarder, 0.25% celloflake	5740	5740	25%	24 hrs			
Prod Tail	A	100	1.22	10% salt, 0.3% retarder, 1.2% dispersant, 0.25% lost circulation	8997	9000	25%	24 hrs			
ANCILLARY DATA											
CEMENT DATA	WEIGHT (PPG)	WATER/SK (gal)	CENTRALIZER INFORMATION								
Conductor	15.6	5.2	The 20" conductor will be centralized with bowspring centralizers at the shoe and one at mid-string. Conductor will be drilled and set using a concentric drilling rig. A 23" hole will be drilled using 22" casing as the outer drillstring, a bit and drillpipe will make up the inner drillstring. After TD is reached, the drillpipe will be pulled out and 20" conductor pipe will be inserted and run to TD. As the 22" casing string is pulled from the hole, cement will be pumped between the two casing strings.								
Surface	15.6	5.2	Surface centralizers set first three joints and every third joint to surface.								
Int Lead	12.8	10.9	Int. centralizers set first three joints, every third joint to the surface shoe, and every joint across any mobile salts.								
Int Tail	16	5.4									
Prod Lead	12.8	10.9									
Prod Tail	16	5.4	Every joint from TD to KOP @ 7160', and every third joint from KOP to intermediate shoe @ 4400'.								
TESTING AND STIMULATION PROCEDURES											
No drill stem tests or stimulation procedures are expected. If the well is successfully completed, it will be flow tested to a flare for a period of no more than seven days.											





Cook 1

42.476800, -76.326210 (NAD 83)
 Town: Dryden
 County: Tompkins

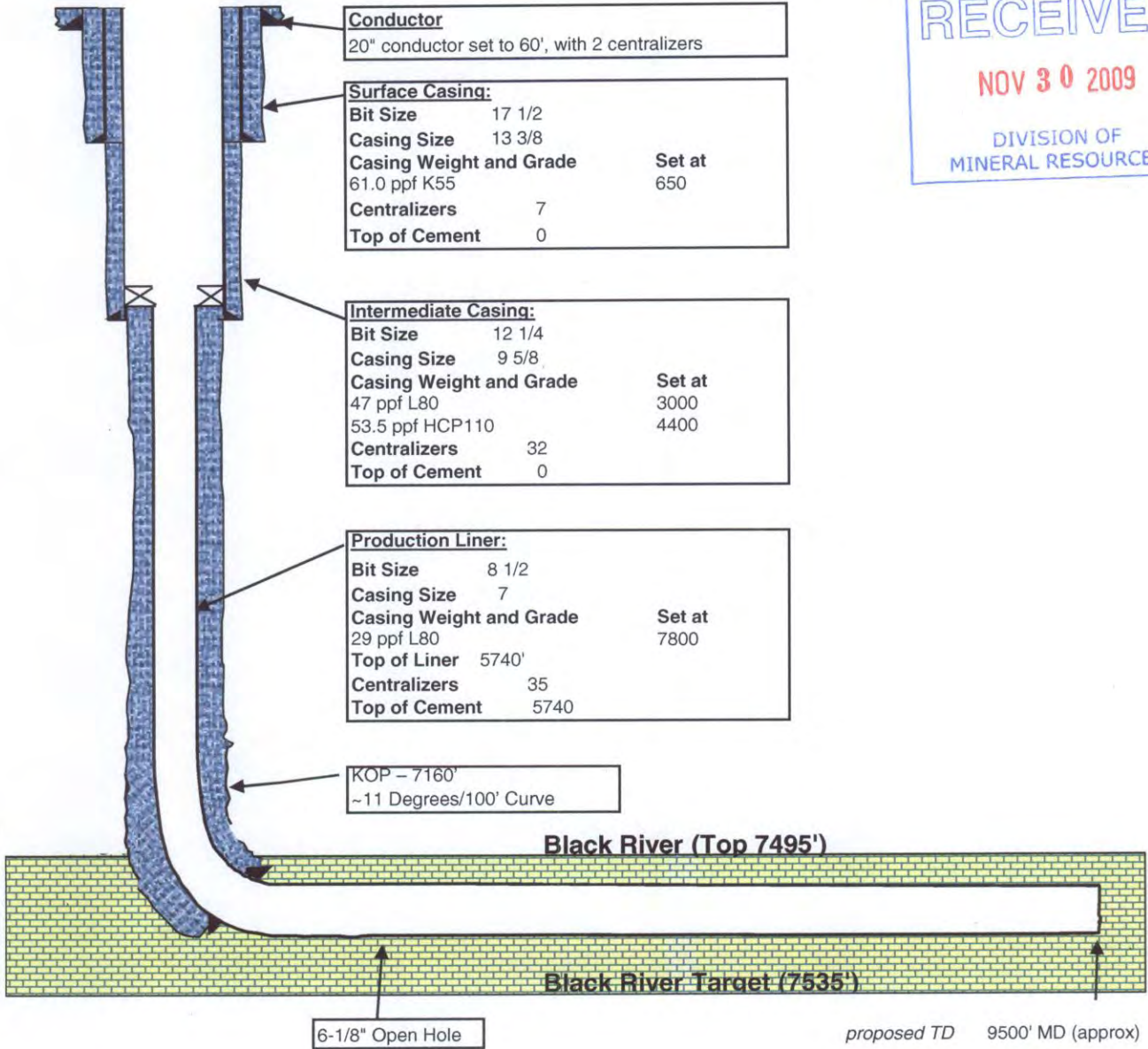
Surface Location: 42.47682297980, -76.32621075280 (NAD 83)

Elevation 1484 ft. GL 1499 ft. KB

RECEIVED

NOV 30 2009

DIVISION OF
MINERAL RESOURCES



Anschutz Exploration Corp.

Tompkins Co., NY

Town of Dryden

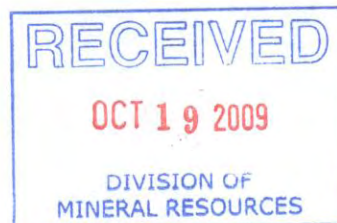
Cook #1

Wellbore #1

Plan: Plan #1

Pathfinder Planning Report

06 October, 2009



PATHFINDER

Database:	EDM 2003.16 Single User Db	Local Co-ordinate Reference:	Well Cook #1
Company:	Anschutz Exploration Corp.	TVD Reference:	WELL @ 1499.0ft (Original Well Elev)
Project:	Tompkins Co., NY	MD Reference:	WELL @ 1499.0ft (Original Well Elev)
Site:	Town of Dryden	North Reference:	True
Well:	Cook #1	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #1		

Project	Tompkins Co., NY		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	New York Central Zone		

Site	Town of Dryden				
Site Position:		Northing:	902,506.86 ft	Latitude:	42° 28' 36.480 N
From:	Lat/Long	Easting:	889,570.99 ft	Longitude:	76° 19' 34.356 W
Position Uncertainty:	0.0 ft	Slot Radius:	"	Grid Convergence:	0.17 °

Well	Cook #1					
Well Position	+N/-S	0.0 ft	Northing:	902,506.86 ft	Latitude:	42° 28' 36.480 N
	+E/-W	0.0 ft	Easting:	889,570.99 ft	Longitude:	76° 19' 34.356 W
Position Uncertainty		0.0 ft	Wellhead Elevation:	ft	Ground Level:	1,484.0 ft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF200510	9/29/2009	-12.23	69.06	53,758

Design	Plan #1			
Audit Notes:				
Version:	Phase:	PROTOTYPE	Tie On Depth:	0.0
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	0.0	0.0	0.0	358.25

Plan Sections										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
6,750.0	0.00	0.00	6,750.0	0.0	0.0	0.00	0.00	0.00	0.00	
6,931.8	20.00	358.25	6,928.1	31.4	-1.0	11.00	11.00	0.00	358.25	Target A
7,206.9	20.00	358.25	7,186.7	125.4	-3.8	0.00	0.00	0.00	0.00	0.00
7,785.5	83.64	358.25	7,526.2	557.0	-17.0	11.00	11.00	0.00	0.00	Target A
8,009.6	83.64	358.25	7,551.0	779.6	-23.8	0.00	0.00	0.00	0.00	Target A
8,280.1	90.00	358.25	7,566.0	1,049.5	-32.1	2.35	2.35	0.00	0.00	Target B
8,438.5	99.50	358.25	7,552.9	1,207.0	-36.9	6.00	6.00	0.00	0.00	Target C
8,674.1	99.50	358.25	7,514.0	1,439.3	-44.0	0.00	0.00	0.00	0.00	Target C
8,882.1	91.18	358.25	7,494.7	1,646.1	-50.3	4.00	-4.00	0.00	180.00	Target D (PBHL)
9,787.6	91.18	358.25	7,476.0	2,551.0	-78.0	0.00	0.00	0.00	0.00	Target D (PBHL)

Database:	EDM 2003.16 Single User Db	Local Co-ordinate Reference:	Well Cook #1
Company:	Anschutz Exploration Corp.	TVD Reference:	WELL @ 1499.0ft (Original Well Elev)
Project:	Tompkins Co., NY	MD Reference:	WELL @ 1499.0ft (Original Well Elev)
Site:	Town of Dryden	North Reference:	True
Well:	Cook #1	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #1		

Planned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
Start Build 11.00									
6,750.0	0.00	0.00	6,750.0	0.0	0.0	0.0	0.00	0.00	0.00
6,800.0	5.50	358.25	6,799.9	2.4	-0.1	2.4	11.00	11.00	0.00
6,850.0	11.00	358.25	6,849.4	9.6	-0.3	9.6	11.00	11.00	0.00
6,900.0	16.50	358.25	6,897.9	21.4	-0.7	21.4	11.00	11.00	0.00
Start 275.1 hold at 6931.8 MD									
6,931.8	20.00	358.25	6,928.1	31.4	-1.0	31.4	11.00	11.00	0.00
7,000.0	20.00	358.25	6,992.2	54.7	-1.7	54.7	0.00	0.00	0.00
7,100.0	20.00	358.25	7,086.2	88.9	-2.7	88.9	0.00	0.00	0.00
Start DLS 11.00 TFO 0.00									
7,206.9	20.00	358.25	7,186.7	125.4	-3.8	125.5	0.00	0.00	0.00
7,250.0	24.74	358.25	7,226.5	141.8	-4.3	141.9	11.00	11.00	0.00
7,300.0	30.24	358.25	7,270.8	164.9	-5.0	165.0	11.00	11.00	0.00
7,350.0	35.74	358.25	7,312.7	192.1	-5.9	192.2	11.00	11.00	0.00
7,400.0	41.24	358.25	7,351.9	223.2	-6.8	223.3	11.00	11.00	0.00
7,450.0	46.74	358.25	7,387.8	257.9	-7.9	258.0	11.00	11.00	0.00
7,500.0	52.24	358.25	7,420.3	295.9	-9.0	296.0	11.00	11.00	0.00
7,550.0	57.74	358.25	7,449.0	336.8	-10.3	336.9	11.00	11.00	0.00
7,600.0	63.24	358.25	7,473.6	380.3	-11.6	380.4	11.00	11.00	0.00
7,650.0	68.74	358.25	7,493.9	425.9	-13.0	426.1	11.00	11.00	0.00
7,700.0	74.24	358.25	7,509.8	473.3	-14.5	473.5	11.00	11.00	0.00
7,750.0	79.74	358.25	7,521.0	521.9	-16.0	522.2	11.00	11.00	0.00
Start 224.1 hold at 7785.5 MD									
7,785.5	83.64	358.25	7,526.2	557.0	-17.0	557.3	11.00	11.00	0.00
7,800.0	83.64	358.25	7,527.8	571.4	-17.5	571.7	0.00	0.00	0.00
7,900.0	83.64	358.25	7,538.9	670.8	-20.5	671.1	0.00	0.00	0.00
Start DLS 2.35 TFO 0.00 - Target A - Target A - Target A									
8,009.6	83.64	358.25	7,551.0	779.6	-23.8	780.0	0.00	0.00	0.00
8,100.0	85.77	358.25	7,559.3	869.6	-26.6	870.0	2.35	2.35	0.00
8,200.0	88.12	358.25	7,564.7	969.4	-29.6	969.9	2.35	2.35	0.00
Start DLS 6.00 TFO 0.00 - Target B									
8,280.1	90.00	358.25	7,566.0	1,049.5	-32.1	1,050.0	2.35	2.35	0.00
8,300.0	91.19	358.25	7,565.8	1,069.4	-32.7	1,069.9	6.00	6.00	0.00
8,350.0	94.19	358.25	7,563.4	1,119.3	-34.2	1,119.8	6.00	6.00	0.00
8,400.0	97.19	358.25	7,558.5	1,169.0	-35.7	1,169.5	6.00	6.00	0.00
Start 235.6 hold at 8438.5 MD									
8,438.5	99.50	358.25	7,552.9	1,207.0	-36.9	1,207.6	6.00	6.00	0.00
8,500.0	99.50	358.25	7,542.7	1,267.7	-38.8	1,268.3	0.00	0.00	0.00
8,600.0	99.50	358.25	7,526.2	1,366.3	-41.8	1,366.9	0.00	0.00	0.00
Start DLS 4.00 TFO 180.00 - Target C - Target C									
8,674.1	99.50	358.25	7,514.0	1,439.3	-44.0	1,440.0	0.00	0.00	0.00
8,700.0	98.46	358.25	7,510.0	1,464.9	-44.8	1,465.6	4.00	-4.00	0.00
8,800.0	94.46	358.25	7,498.7	1,564.2	-47.8	1,564.9	4.00	-4.00	0.00
Start 905.5 hold at 8882.1 MD									
8,882.1	91.18	358.25	7,494.7	1,646.1	-50.3	1,646.9	4.00	-4.00	0.00
8,900.0	91.18	358.25	7,494.3	1,664.0	-50.9	1,664.8	0.00	0.00	0.00
9,000.0	91.18	358.25	7,492.2	1,764.0	-53.9	1,764.8	0.00	0.00	0.00
9,100.0	91.18	358.25	7,490.2	1,863.9	-57.0	1,864.8	0.00	0.00	0.00
9,200.0	91.18	358.25	7,488.1	1,963.8	-60.0	1,964.8	0.00	0.00	0.00
9,300.0	91.18	358.25	7,486.1	2,063.8	-63.1	2,064.7	0.00	0.00	0.00
9,400.0	91.18	358.25	7,484.0	2,163.7	-66.2	2,164.7	0.00	0.00	0.00
9,500.0	91.18	358.25	7,481.9	2,263.6	-69.2	2,264.7	0.00	0.00	0.00

Database:	EDM 2003.16 Single User Db	Local Co-ordinate Reference:	Well Cook #1
Company:	Anschutz Exploration Corp.	TVD Reference:	WELL @ 1499.0ft (Original Well Elev)
Project:	Tompkins Co., NY	MD Reference:	WELL @ 1499.0ft (Original Well Elev)
Site:	Town of Dryden	North Reference:	True
Well:	Cook #1	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #1		

Planned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
9,600.0	91.18	358.25	7,479.9	2,363.6	-72.3	2,364.7	0.00	0.00	0.00
9,700.0	91.18	358.25	7,477.8	2,463.5	-75.3	2,464.6	0.00	0.00	0.00
TD at 9787.6 - Target D (PBHL) - Target D (PBHL)									
9,787.6	91.18	358.25	7,476.0	2,551.0	-78.0	2,552.2	0.00	0.00	0.00

Targets									
Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
Target D (PBHL) - plan hits target - Point	0.00	0.00	7,476.0	2,551.0	-78.0	905,057.62	889,485.26	42° 29' 1.680 N	76° 19' 35.397 W
Target A - plan hits target - Point	0.00	0.00	7,551.0	779.6	-23.8	903,286.42	889,544.79	42° 28' 44.182 N	76° 19' 34.674 W
Target C - plan hits target - Point	0.00	0.00	7,514.0	1,439.3	-44.0	903,946.05	889,522.62	42° 28' 50.699 N	76° 19' 34.943 W
Target B - plan hits target - Point	0.00	0.00	7,566.0	1,049.5	-32.1	903,556.27	889,535.72	42° 28' 46.848 N	76° 19' 34.784 W

Plan Annotations					
Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment	
		+N/-S (ft)	+E/-W (ft)		
6,750.0	6,750.0	0.0	0.0	Start Build 11.00	
6,931.8	6,928.1	31.4	-1.0	Start 275.1 hold at 6931.8 MD	
7,206.9	7,186.7	125.4	-3.8	Start DLS 11.00 TFO 0.00	
7,785.5	7,526.2	557.0	-17.0	Start 224.1 hold at 7785.5 MD	
8,009.6	7,551.0	779.6	-23.8	Start DLS 2.35 TFO 0.00	
8,280.1	7,566.0	1,049.5	-32.1	Start DLS 6.00 TFO 0.00	
8,438.5	7,552.9	1,207.0	-36.9	Start 235.6 hold at 8438.5 MD	
8,674.1	7,514.0	1,439.3	-44.0	Start DLS 4.00 TFO 180.00	
8,882.1	7,494.7	1,646.1	-50.3	Start 905.5 hold at 8882.1 MD	
9,787.6	7,476.0	2,551.0	-78.0	TD at 9787.6	

REF ID: A192009

Company: Anschutz Exploration Corp.
 Field: Tompkins Co., NY
 Location: Town of Dryden
 Well: Cook #1
 Wellbore #1
 Plan: Plan #1 (Cook #1/Wellbore #1)



DIVISION OF MINERAL RESOURCES

WELL DETAILS: Cook #1

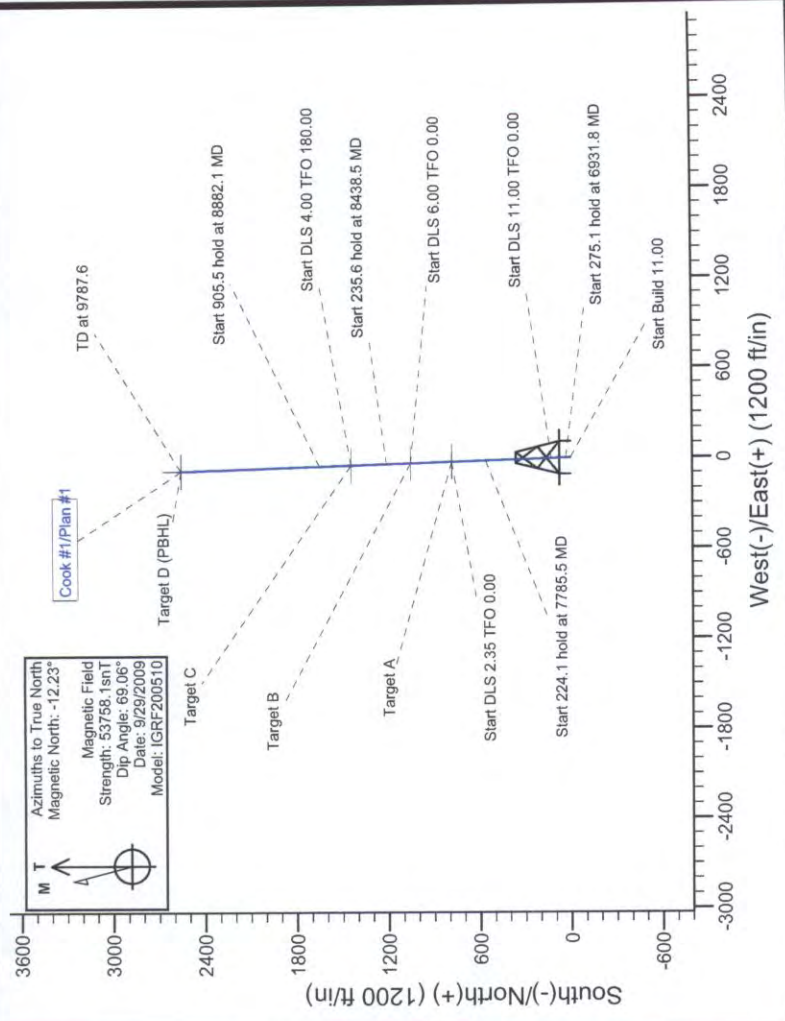
+N/-S	+E/-W	Northing	Eastings	Ground Level	Latitude	Longitude	Slot
0.0	0.0	902506.86	889570.99	1484.0	42° 28' 36.480 N	76° 19' 34.356 W	

WELLBORE TARGET DETAILS

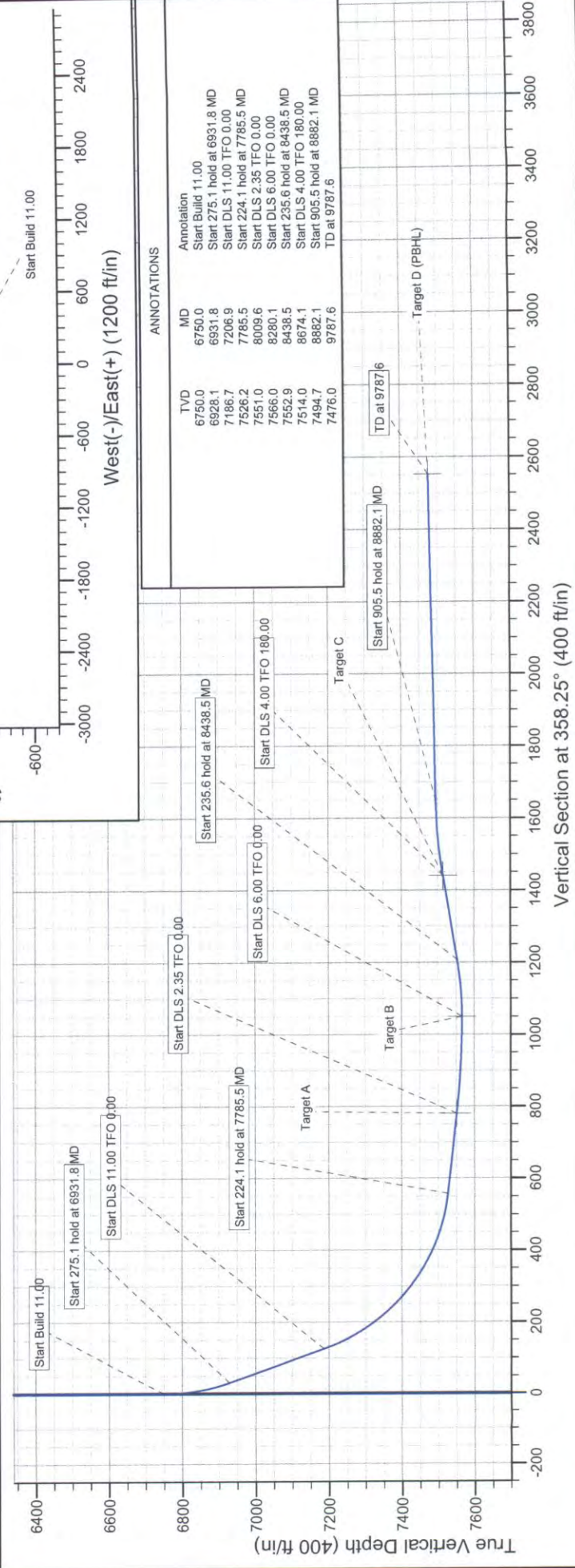
Name	+N/-S	+E/-W	TVD	+N/-S	+E/-W	Shape
Target D (PBHL)	7551.0	-76.0	7476.0	2551.0	-76.0	Point
Target C	7514.0	-44.0	7514.0	1439.3	-44.0	Point
Target A	7551.0	-23.8	7551.0	779.6	-23.8	Point
Target B	7566.0	-32.1	7566.0	1049.5	-32.1	Point

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.0	0.00	0.00	0.0	0.0	0.00	0.00	0.00	0.0	Target
2	6750.0	0.00	0.00	0.0	0.0	0.00	0.00	0.00	0.0	Target
3	6931.8	20.00	358.25	31.4	-1.0	11.00	358.25	31.4	0.0	Target A
4	7206.9	20.00	358.25	125.4	-3.8	0.00	0.00	125.5	0.0	Target A
5	7785.5	83.64	358.25	557.0	-17.0	11.00	0.00	557.3	0.00	Target A
6	8009.6	83.64	358.25	779.6	-23.8	0.00	0.00	780.0	0.00	Target B
7	8280.1	90.00	358.25	1049.5	-32.1	2.35	0.00	1050.0	0.00	Target C
8	8438.5	99.50	358.25	1207.0	-36.9	6.00	0.00	1207.6	0.00	Target C
9	8674.1	99.50	358.25	1439.3	-44.0	4.00	0.00	1440.0	0.00	Target C
10	8882.1	91.18	358.25	1646.1	-50.3	4.00	180.00	1646.9	0.00	Target D (PBHL)
11	9787.6	91.18	358.25	2551.0	-78.0	0.00	0.00	2552.2	0.00	Target D (PBHL)

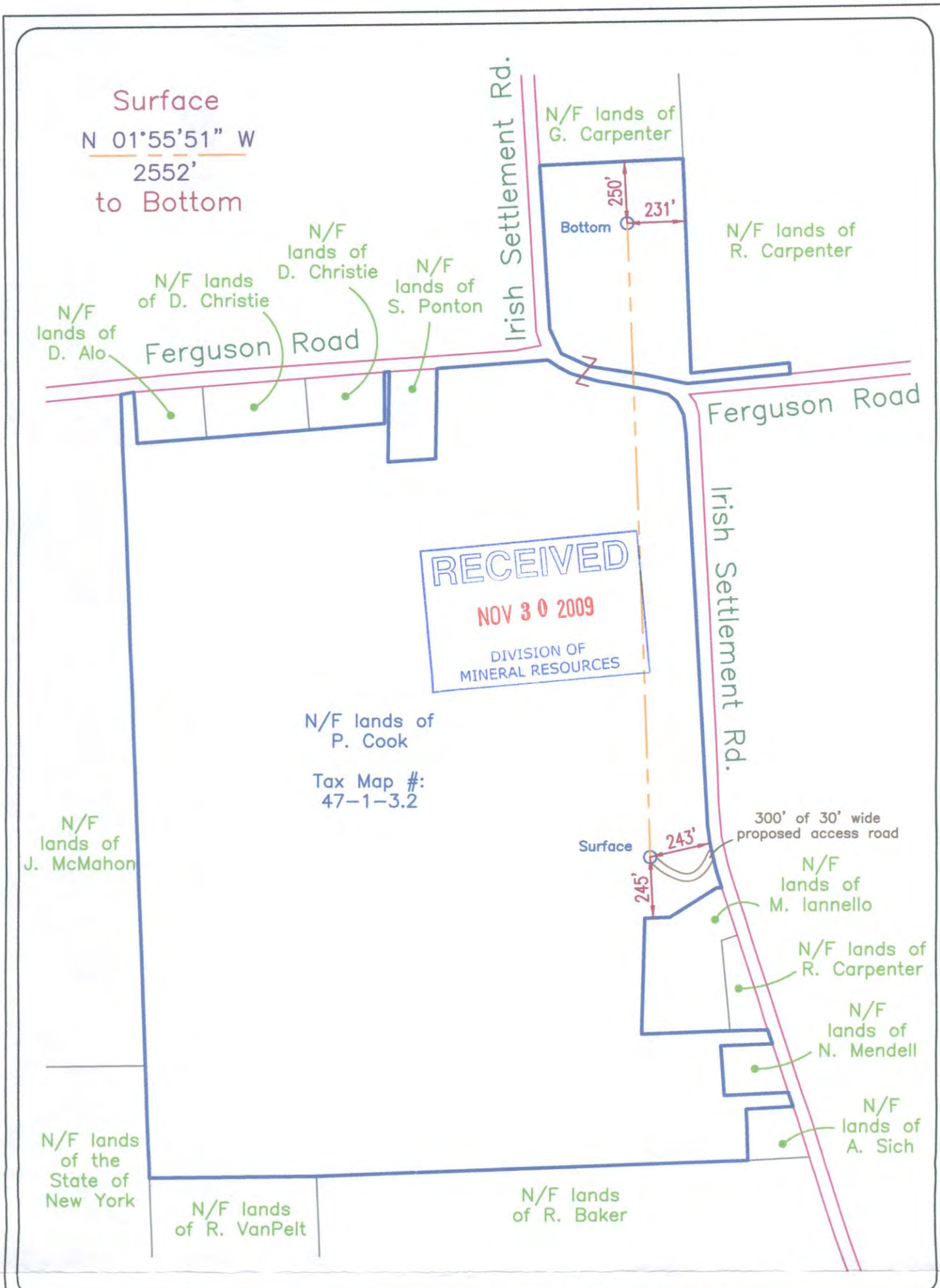


Azimuths to True North
 Magnetic North: -12.23°
 Strength: 53758.1snT
 Dip Angle: 69.06°
 Date: 9/29/2009
 Model: IGRF200510



ANNOTATIONS

TVD	MD	Annotation
6750.0	6750.0	Start Build 11.00
6928.1	6931.8	Start DLS 11.00 TFO 0.00
7186.7	7206.9	Start DLS 2.35 TFO 0.00
7526.2	7785.5	Start DLS 4.00 TFO 180.00
7551.0	8009.6	Start DLS 6.00 TFO 0.00
7566.0	8280.1	Start DLS 6.00 TFO 0.00
7552.9	8438.5	Start DLS 4.00 TFO 180.00
7514.0	8674.1	Start DLS 4.00 TFO 180.00
7494.7	8882.1	Start DLS 4.00 TFO 180.00
7476.0	9787.6	TD at 9787.6



Well Name: Cook #1
 Township: Dryden
 County: Tompkins
 State of New York
 Scale: 1in. = 500ft.
 Date: July 31, 2009
 Job #: 6889

7.5' USGS Topo Quadrangle: Dryden
 Topo Quadrangle Section: B
 Decimal Degrees NAD 83
 Surface Hole: Bottom Hole:
 Latitude: 42.476800° Latitude: 42.483800°
 Longitude: 76.326210° Longitude: 76.326500°
 Elevation: 1484'
 Accuracy ± 5'

D. Michael Canada
 Prepared By:
D. Michael Canada
 N.Y.S. L.S. No. 49215
 483 North Union St.
 Olean, N.Y. 14760

Proposed Well Location for:
 Anschutz Exploration Corporation
 555 17th Street, Suite 2400
 Denver, C.O. 80202



parcel lines taken
 from tax map
 information

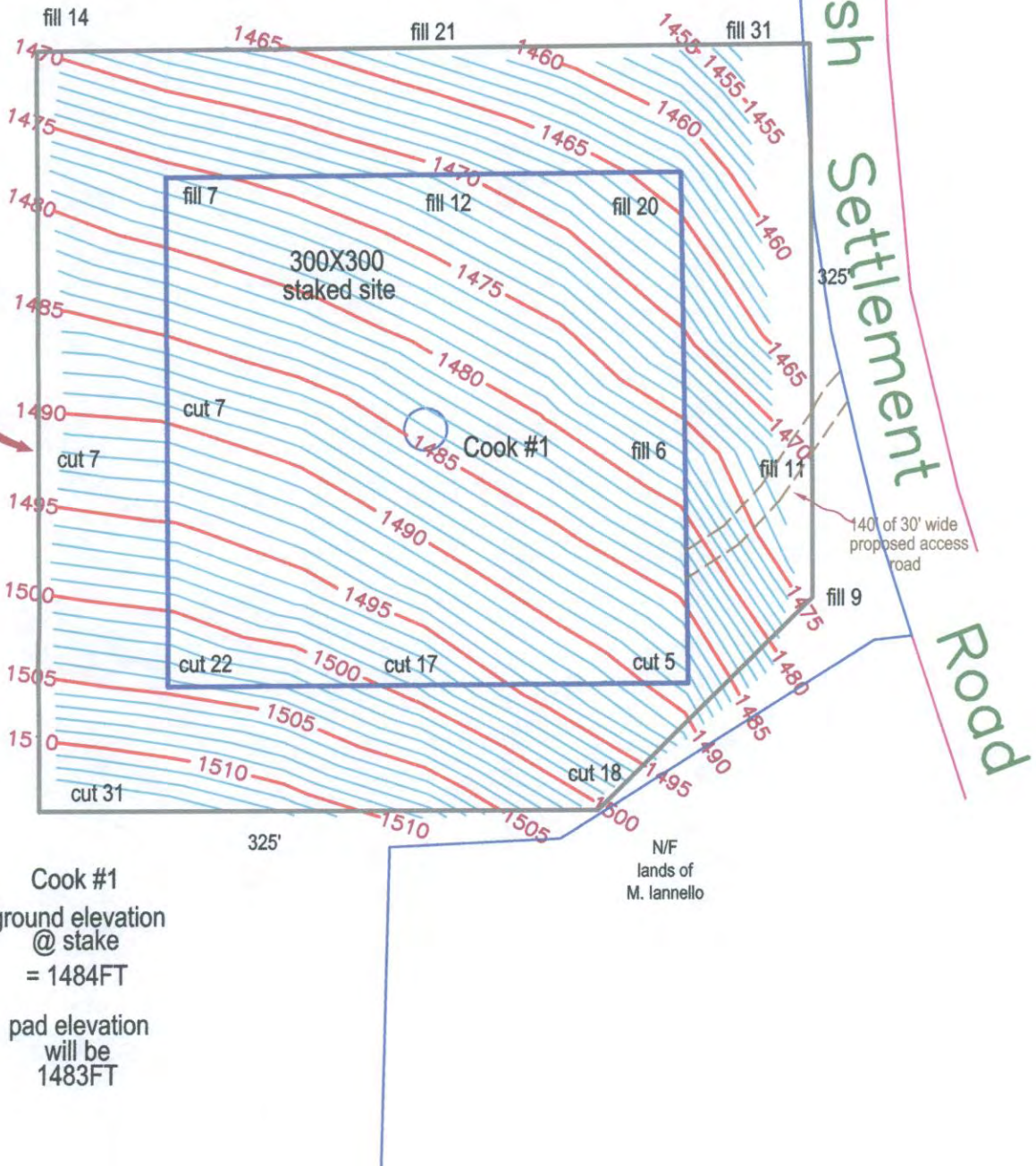


Surface
N/F lands of
P. Cook

Contour Interval = 1FT
USGS Datum

Tax Map #:
47-1-3.2

450X450
well site



Cook #1
ground elevation
@ stake
= 1484FT
pad elevation
will be
1483FT

Topographic Layout Map

Anschutz Exploration Corporation
555 17th Street, Suite 2400
Denver, C.O. 80202

Well Name: Cook #1
Township: Dryden
County: Tompkins
State of New York
7.5' U.S.G.S. Topo Quadrangle: Dryden
Topo Quadrangle Section: B
Decimal Degrees NAD 83
Latitude: 42.476800°
Longitude: 76.326210°
Accuracy ± 5'

Date: July 31, 2009
Scale: 1IN= 100FT
Elevation: 1484FT

D. Michael Canada

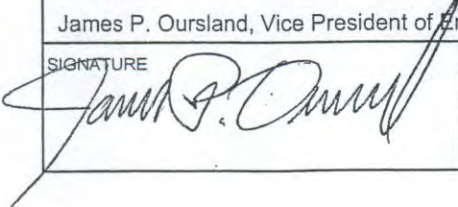
Prepared By:
D. Michael Canada
N.Y.S. L.S. No. 49215
483 North Union St.
Olean, N.Y. 14760

Job #: 6889TOPO



ORGANIZATIONAL REPORT

INCOMPLETE FORMS ARE NOT ACCEPTABLE AND WILL BE RETURNED FOR COMPLETION

<p>1. FULL NAME AND COMPLETE MAILING ADDRESS OF THE ENTITY, INCLUDE NAME AND TITLE TO WHOM ALL CORRESPONDENCE SHOULD BE SENT.</p> <p>Anschutz Exploration Corporation 555 Seventeenth Street, Suite 2400 Denver, CO 80202</p> <p>TELEPHONE (303) 298-1000</p> <p>FAX NUMBER (303) 299-1518</p>	<p>2. FULL NAME AND COMPLETE MAILING ADDRESS OF AGENT IN NEW YORK WHO CAN BE SERVED ORDERS, NOTICES AND PROCESSES OF THE DEPARTMENT OR ANY COURT OF LAW. POST OFFICE BOX ADDRESSES ARE NOT ACCEPTABLE.</p> <p>CT Corporation System 111 Eighth Avenue New York, NY 10011</p> <p>TELEPHONE (212) 894-8940</p>																																
<p>3. TYPE OF ACTIVITY (Check those that apply)</p> <p><input checked="" type="checkbox"/> PRODUCTION—Oil, Gas, Injection or Geothermal Well(s) <input type="checkbox"/> STORAGE—Underground Gas or LPG Facility <input type="checkbox"/> PURCHASING—Of Oil or Gas from Others <input type="checkbox"/> TRANSPORTATION—By Truck or Pipeline for Others <input type="checkbox"/> SALVAGE—Plug and Abandon Wells for Others <input type="checkbox"/> DRILLING—Drill Wells for Others</p> <p><input type="checkbox"/> SOLUTION MINING—Own/Operate Facility <input type="checkbox"/> BRINE DISPOSAL—Own/Operate Facility <input type="checkbox"/> STRATIGRAPHIC—Own Well or Hole <input type="checkbox"/> SURFACE MINING—Own/Operate Facility <input type="checkbox"/> UNDERGROUND MINING—Own/Operate Facility</p>																																	
<p>4. STATE WHETHER THE ENTITY IS A CORPORATION, ASSOCIATION, PARTNERSHIP, INDIVIDUAL, PUBLIC AUTHORITY OR GOVERNMENTAL AGENCY. IF FOREIGN CORPORATION, GIVE STATE AND DATE OF INCORPORATION AND DATE OF AUTHORIZATION TO DO BUSINESS IN NEW YORK STATE. IF PARTNERSHIP, STATE WHETHER GENERAL OR LIMITED AND COUNTY OF FILING. IF DBA, GIVE COUNTY OF FILING.</p> <p>Anschutz Exploration Corporation was incorporated in Delaware on July 25, 1991.</p>	<p>5. IF A NAME CHANGE, GIVE COMPLETE NAME AND ADDRESS OF PREVIOUS ENTITY.</p> <div style="border: 1px solid blue; padding: 5px; text-align: center;"> <p>RECEIVED</p> <p>OCT 19 2009</p> <p>DIVISION OF MINERAL RESOURCES</p> </div>																																
<p>6. IF ENTITY IS A CORPORATION OR ASSOCIATION, LIST ALL DIRECTORS AND ALL OFFICERS. IF PARTNERSHIP, LIST ALL GENERAL AND ALL LIMITED PARTNERS. ATTACH ADDITIONAL SHEETS IF NECESSARY.</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">NAME</th> <th style="text-align: left;">TITLE</th> </tr> </thead> <tbody> <tr> <td>William J. Miller</td> <td>President</td> </tr> <tr> <td>Richard M. Jones</td> <td>Vice President & Secretary</td> </tr> <tr> <td>Wayne A. Barnes</td> <td>Vice President & CFO</td> </tr> <tr> <td>Marquerite K. Timbel</td> <td>Senior Vice President</td> </tr> <tr> <td>James P. Oursland</td> <td>Vice President of Engineering & Operations</td> </tr> <tr> <td>Pamela S. Kalstrom</td> <td>Vice President of Land</td> </tr> <tr> <td>Thomas G. Kundert</td> <td>Treasurer</td> </tr> </tbody> </table>	NAME	TITLE	William J. Miller	President	Richard M. Jones	Vice President & Secretary	Wayne A. Barnes	Vice President & CFO	Marquerite K. Timbel	Senior Vice President	James P. Oursland	Vice President of Engineering & Operations	Pamela S. Kalstrom	Vice President of Land	Thomas G. Kundert	Treasurer	<p>7. LIST ALL PERSONS AUTHORIZED BY THE ENTITY TO SIGN ALL SUBMITTALS TO THE DEPARTMENT.</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">NAME</th> <th style="text-align: left;">TITLE</th> </tr> </thead> <tbody> <tr> <td>William J. Miller</td> <td>President</td> </tr> <tr> <td>Marquerite K. Timbel</td> <td>Senior Vice President</td> </tr> <tr> <td>James P. Oursland</td> <td>Vice President of Engineering & Operations</td> </tr> <tr> <td>Pamela S. Kalstrom</td> <td>Vice President of Land</td> </tr> <tr> <td>Dan Bean</td> <td>Chief Geologist</td> </tr> <tr> <td>Jerry Gentry</td> <td>Drilling Manager</td> </tr> <tr> <td>Galen Brenize</td> <td>Engineering Manager</td> </tr> </tbody> </table>	NAME	TITLE	William J. Miller	President	Marquerite K. Timbel	Senior Vice President	James P. Oursland	Vice President of Engineering & Operations	Pamela S. Kalstrom	Vice President of Land	Dan Bean	Chief Geologist	Jerry Gentry	Drilling Manager	Galen Brenize	Engineering Manager
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<p>I hereby affirm under penalty of perjury that the information provided in the report is true to the best of my knowledge and belief. I am aware false statements made in this report are punishable as a Class A misdemeanor under Section 270.45 of the Penal Law.</p>																																	
<p>TYPE OR PRINT NAME OF AUTHORIZED PERSON</p> <p>James P. Oursland, Vice President of Engineering & Operations</p>	<p>SWORN TO AND SUBSCRIBED</p> <p>BEFORE ME, THIS</p> <p>DAY OF 14th August 2008</p> <p>NOTARY PUBLIC</p>																																
<p>SIGNATURE</p> 	<p>DATE</p> <p>August 14, 2008</p> <p>My Commission Expires 06/30/2009</p>																																

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF MINERAL RESOURCES
ENVIRONMENTAL ASSESSMENT FORM
Attachment to Drilling Permit Application



WELL NAME AND NUMBER

Cook 1

NAME OF APPLICANT

Anschutz Exploration Corporation

BUSINESS TELEPHONE NUMBER

(303) 298-1000

ADDRESS OF APPLICANT

555 17th Street, Suite 2400

CITY/P.O.

Denver

STATE
COZIP CODE
80202

DESCRIPTION OF PROJECT (Briefly describe type of project or action)

Drill and complete horizontal Black River Exploratory gas well.

Lat/Long: 42.476800, -76.326210 (Surface Location)

Dryden, Tompkins County, NY

RECEIVED

NOV 30 2009

DIVISION OF
MINERAL RESOURCES

PROJECT SITE IS THE WELL SITE AND SURROUNDING AREA WHICH WILL BE DISTURBED DURING CONSTRUCTION OF SITE, ACCESS ROAD, and PIT AND ACTIVITIES DURING DRILLING AND COMPLETION AT WELLHEAD.
(PLEASE COMPLETE EACH QUESTION--Indicate N.A., if not applicable)

LAND USE AND PROJECT SITE

1. Project Dimensions. Total Area of Project Site 149,000 sq. ft.
Approximate square footage for items below:

	During Construction (sq. ft.)	After Construction (sq. ft.)
a. Access Road (length x width)	<u>9,000</u>	<u>9,000</u>
b. Well Site (length x width)	<u>140,000</u>	<u>30,000</u>

2. Characterize Project Site Vegetation and Estimate Percentage of Each Type Before Construction:

100 % Agricultural (cropland, hayland, pasture, vineyard, etc.) _____ % Forested _____ % Wetlands
_____ % Meadow or Brushland (non agricultural) _____ % Non vegetated (rock, soil, fill)

3. Present Land Use(s) Within ¼ Mile of Project (Check all that apply)

Rural Suburban Forest Urban Agricultural Commercial Park/Recreation
 Industrial Other _____

4. How close is the nearest residence, building, or outdoor facility of any type routinely occupied by people at least part of the day? 450 ft.

Describe Approximately 450' to rural residence.

ENVIRONMENTAL RESOURCES ON/NEAR PROJECT SITE

5. The presence of certain environmental resources on or near the project site may require additional permits, approvals or mitigation measures--Is any part of the well site or access road located:

- | | | | |
|--|------------------------------|--|---|
| a. Over a primary or principal aquifer? | <input type="checkbox"/> Yes | <input type="checkbox"/> No | <input checked="" type="checkbox"/> Not Known |
| b. Within 2,640 feet of a public water supply well? | <input type="checkbox"/> Yes | <input type="checkbox"/> No | <input checked="" type="checkbox"/> Not Known |
| c. Within 150 feet of a surface municipal water supply? | <input type="checkbox"/> Yes | <input type="checkbox"/> No | <input checked="" type="checkbox"/> Not Known |
| d. Within 150 feet of a lake, stream, or other public surface water body? | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | <input type="checkbox"/> Not Known |
| e. Within an Agricultural District? | <input type="checkbox"/> Yes | <input type="checkbox"/> No | <input checked="" type="checkbox"/> Not Known |
| f. Within a land parcel having a Soil and Water Conservation Plan? | <input type="checkbox"/> Yes | <input type="checkbox"/> No | <input checked="" type="checkbox"/> Not Known |
| g. In a 100 year flood plain? | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | <input type="checkbox"/> Not Known |
| h. In a regulated wetland or its 100 foot buffer zone? | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | <input type="checkbox"/> Not Known |
| i. In a coastal zone management area? | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | <input type="checkbox"/> Not Known |
| j. In a Critical Environmental Area? | <input type="checkbox"/> Yes | <input type="checkbox"/> No | <input checked="" type="checkbox"/> Not Known |
| k. Does the project site contain any species of animal life that are listed as threatened or endangered? | <input type="checkbox"/> Yes | <input type="checkbox"/> No | <input checked="" type="checkbox"/> Not Known |
| If yes, identify the species and source of information _____ | | | |
| l. Will proposed project significantly impact visual resources of statewide significance? | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | <input type="checkbox"/> Not Known |
| If yes, identify the visual resource and source of information _____ | | | |

CULTURAL RESOURCES

6. Are there any known archeological and/or historical resources which will be affected by drilling operations?

Yes No Not Known

7. Has the land within the project area been previously disturbed or altered (excavated, landscaped, filled, utilities installed)?

Yes No Not Known

If answer to Number 6 or 7 is yes, briefly describe _____

EROSION AND RECLAMATION PLANS

8. Indicate percentage of project site within: 0-10% slope 100 % 10-15% slope _____ % greater than 15% slope _____ %

9. Are erosion control measures needed during construction of the access road and well site?

Yes No Not Known

If yes, describe and/or sketch on attached photocopy of plat Erosion control measures will be implemented where necessary.

10. Will the topsoil which is disturbed be stockpiled for reclamation use?

Yes No

11. Does the reclamation plan include revegetation?

Yes No

If yes, what plant materials will be used? Materials shall be selected according to specifications of surface owner.

12. Does the reclamation plan include restoration or installation of surface or subsurface drainage features to prevent erosion or conform to a Soil and Water Conservation Plan?

Yes No

If yes, describe _____

ACCESS ROAD SITING AND CONSTRUCTION

13. Are you going to use existing or common corridors when building the access road? Locate access road on attached photocopy of plat.

Yes No

DRILLING

14. Anticipated length of drilling operations? 50 days.

WASTE STORAGE AND DISPOSAL

15. How will drilling fluids and stimulation fluids:

a. Be contained? Lined pits and steel tanks

b. Be disposed of? Truck to commercial disposal

16. Will production brine be stored on site?

Yes No

If yes:

How will it be stored? On-site tanks

How will it be disposed of? Truck to commercial disposal

17. Will the drill cuttings and pit liner be disposed of on site?

Yes No

If yes, expected burial depth? _____ feet

ADDITIONAL PERMITS

18. Are any additional State, Local or Federal permits or approvals required for this project?

Yes No

Date Application Submitted

Date Application Received

Stream Disturbance Permit (DEC)

_____|_____|_____|_____|

_____|_____|_____|_____|

Wetlands Permit (DEC or Local)

_____|_____|_____|_____|

_____|_____|_____|_____|

Floodplain Permit (DEC or Local)

_____|_____|_____|_____|

_____|_____|_____|_____|

Other _____

_____|_____|_____|_____|

_____|_____|_____|_____|

_____|_____|_____|_____|

_____|_____|_____|_____|

_____|_____|_____|_____|

_____|_____|_____|_____|

PREPARER'S SIGNATURE

DATE

11/2/2009

NAME/TITLE (Please print)

Jerry Gentry, Drilling Manager

REPRESENTING

Anschutz Exploration Corporation



NOTICE OF AVAILABILITY FOR REVIEW

Sender: Jodi Rospendowski Unit: Minerals Phone: (585) 226-5306

Permits Applied For: Well drilling

Applicant / Permittee: Anschutz Exploration Corporation

Project Name: Cook 1

County: Tompkins Town: Dryden

Location Description: Dryden 7-1/2 min. quad

Sender Comments: Topo section attached

Date Sent For Review: _____

Sent To: Law Enforcement

Date Due Back From Review: _____

Region 7

Comments:

In agricultural district? Yes No If yes, which district: Tom 01

Any known archaeological sites nearby? Yes No

Protected Stream (need additional permit) Yes No

Freshwater Wetland (need additional permit) Yes No

No problems seen with this project at this time. _____

Clear project pending approval or comments from: _____

Clear project with the following conditions: _____

Project not cleared for the following reasons: _____

Reviewed by: Name: J. Rospendowski Unit: Mineral Resources Date: 10-20-2009

PRE-SITE INSPECTION

OPERATOR: Anschutz Exploration Corp.		WELL NAME: Cook #1	
API NUMBER: 31-109-26431-00			
INSPECTED BY: J. Yarosz		DATE: 11/10/09, 10:05AM	
GENERAL:		Yes	No
Is the well plat accurate		x	
Is there an existing adequate access road			x
SPACING: Is the proposed location a minimum of:		Yes	No
660 feet from a state highway		x	
150 feet from a public building		x	
100 feet from a private building		x	
75 feet from a public roads (traveled part)		x	
50 feet from any stream or body of water		x	
1320 feet from any existing gas well producing from same		x	
WELL SITE: Is the proposed location or access road in or near:		Yes (distance)	No
Freshwater Wetlands (within 100 feet)		_____	x
Flood Plains (within 100 feet)		_____	x
Protected Streams (within 50 feet)		_____	x
Municipal Water Supplies (within 2000 feet)		_____	x
State Lands, State Parks or other governmental properties		_____	x
EROSION & SEDIMENTATION:			
Estimated Slope <u> 3 </u> to <u> 5 </u> %			
Is erosion and sedimentation control needed		standard	measures
<p>The stake is located in moderately to gently sloping hayfield. I checked with Ardith Barbosa of Anschutz regarding the status of the nearest 2 residences which are within 500' of the proposed well pad. She informed me that both are leased. Standard sediment and erosion control should suffice for this project. If possible, they should stockpile topsoil on the south and east perimeters of the well pad. This would provide some noise and visual screening for the residents mentioned above. No environmental problems are evident.</p>			

GROTON 7.5 MI.
FREEVILLE 1.9 MI.

