

STATE ACTIONS  
 Resource Development Coordinating Committee  
 Public Lands Policy Coordination Office  
 5110 State Office Building  
 SLC, UT 84114  
 Phone No. 537-9230

*Internal*  
*6/19/07*

0017

<b>1. State Agency</b> Oil, Gas and Mining 1594 West North Temple, Suite 1210 Salt Lake City, UT 84114-5801	<b>2. Approximate date project will start:</b>  Upon Approval or July 3, 2007
<b>3. Title of proposed action:</b> Application for Permit to Drill	
<b>4. Description of Project:</b>  XTO Energy proposes to drill the COP 16-8-17-22 well (wildcat) on a Fee lease, Emery County, Utah. This action is being presented to the RDCC for consideration of resource issues affecting state interests. The Division of Oil, Gas and Mining is the primary administrative agency in this action and must issue approval before operations commence.	
<b>5. Location and detailed map of land affected (site location map required, electronic GIS map preferred)</b> (include UTM coordinates where possible) (indicate county) 1673' FNL 1707' FWL, SE/4 NW/4, Section 17, Township 16 South, Range 8 East, Emery County, Utah	
<b>6. Possible significant impacts likely to occur:</b> Surface impacts include up to five acres of surface disturbance during the drilling and completion phase (estimated for five weeks duration). If oil and gas in commercial quantities is discovered, the location will be reclaimed back to a net disturbance of between one and two acres – not including road, pipeline, or utility infrastructure. If no oil or gas is discovered, the location will be completely reclaimed.	
<b>7. Identify local government affected</b> a. Has the government been contacted? No. b. When? c. What was the response? d. If no response, how is the local government(s) likely to be impacted?	
<b>8. For acquisitions of land or interests in land by DWR or State Parks please identify state representative and state senator for the project area. Name and phone number of state representative, state senator near project site, if applicable:</b> a. Has the representative and senator been contacted? N/A	
<b>9. Areawide clearinghouse(s) receiving state action:</b> (to be sent out by agency in block 1) Southeastern Utah Association of Governments	
<b>10. For further information, contact:</b>   Diana Mason Phone: (801) 538-5312	<b>11. Signature and title of authorized officer</b>   Gil Hunt, Associate Director Date: June 19, 2007

**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT   
(highlight changes)

<b>APPLICATION FOR PERMIT TO DRILL</b>			5. MINERAL LEASE NO. Fee	6. SURFACE Fee
1A. TYPE OF WORK: DRILL <input checked="" type="checkbox"/> REENTER <input type="checkbox"/> DEEPEN <input type="checkbox"/>			7. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A	
B. TYPE OF WELL: OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> OTHER _____ SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>			8. UNIT or CA AGREEMENT NAME: N/A	
2. NAME OF OPERATOR: XTO Energy, Inc.			9. WELL NAME and NUMBER: COP 16-8-17-22	
3. ADDRESS OF OPERATOR: 2700 Farmington Ave. B, Farmington, NM 87401		PHONE NUMBER: (505) 324-1090	10. FIELD AND POOL, OR WILDCAT: Ferron Sandstone <i>Wildcat</i>	
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: 1673' FNL x 1707' FWL <i>495578X 39.434371</i> AT PROPOSED PRODUCING ZONE same <i>4364773Y -111.051381</i>			11. QTR/CTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SENW 17 16S 8E S	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: Approximately 13 miles Northwest of Huntington, Ut			12. COUNTY: Emery	13. STATE: UTAH
15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET) 5000	16. NUMBER OF ACRES IN LEASE: 6707.23	17. NUMBER OF ACRES ASSIGNED TO THIS WELL:		
18. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET) 7500'	19. PROPOSED DEPTH: 7,130	20. BOND DESCRIPTION: UTB-000138		
21. ELEVATIONS (SHOW WHETHER OF, RT, GR, ETC.): 9297' Ground Elevation	22. APPROXIMATE DATE WORK WILL START: 9/5/2007	23. ESTIMATED DURATION: 2 weeks		

24. **PROPOSED CASING AND CEMENTING PROGRAM**

SIZE OF HOLE	CASING SIZE, GRADE, AND WEIGHT PER FOOT	SETTING DEPTH	CEMENT TYPE, QUANTITY, YIELD, AND SLURRY WEIGHT
14.75"	11.75" H-40 42#	600	Type V +/- 323 sx 1.61 ft3/sx 14.2 ppg
8.75"	5.5" J-55 15.5#	7,130	CBM light wt - lead +/- 55 sx 4.15 ft3/sx 10.5 ppg
			CBM light wt - tail +/- 97 sx 1.81 ft3/sx 13.5 ppg
10.625"	8.625" J-55 36#	4,600	CBM light wt - lead +/- 165 sx 4.15 ft3/sx 10.5 ppg

25. **ATTACHMENTS**

VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES:

<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER	<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN
<input checked="" type="checkbox"/> EVIDENCE OF DIVISION OF WATER RIGHTS APPROVAL FOR USE OF WATER	<input type="checkbox"/> FORM 5, IF OPERATOR IS PERSON OR COMPANY OTHER THAN THE LEASE OWNER

NAME (PLEASE PRINT) Kyla Vaughan TITLE Regulatory Compliance Tech

SIGNATURE *Kyla Vaughan* DATE 6/11/2007 6/12/07

(This space for State use only)

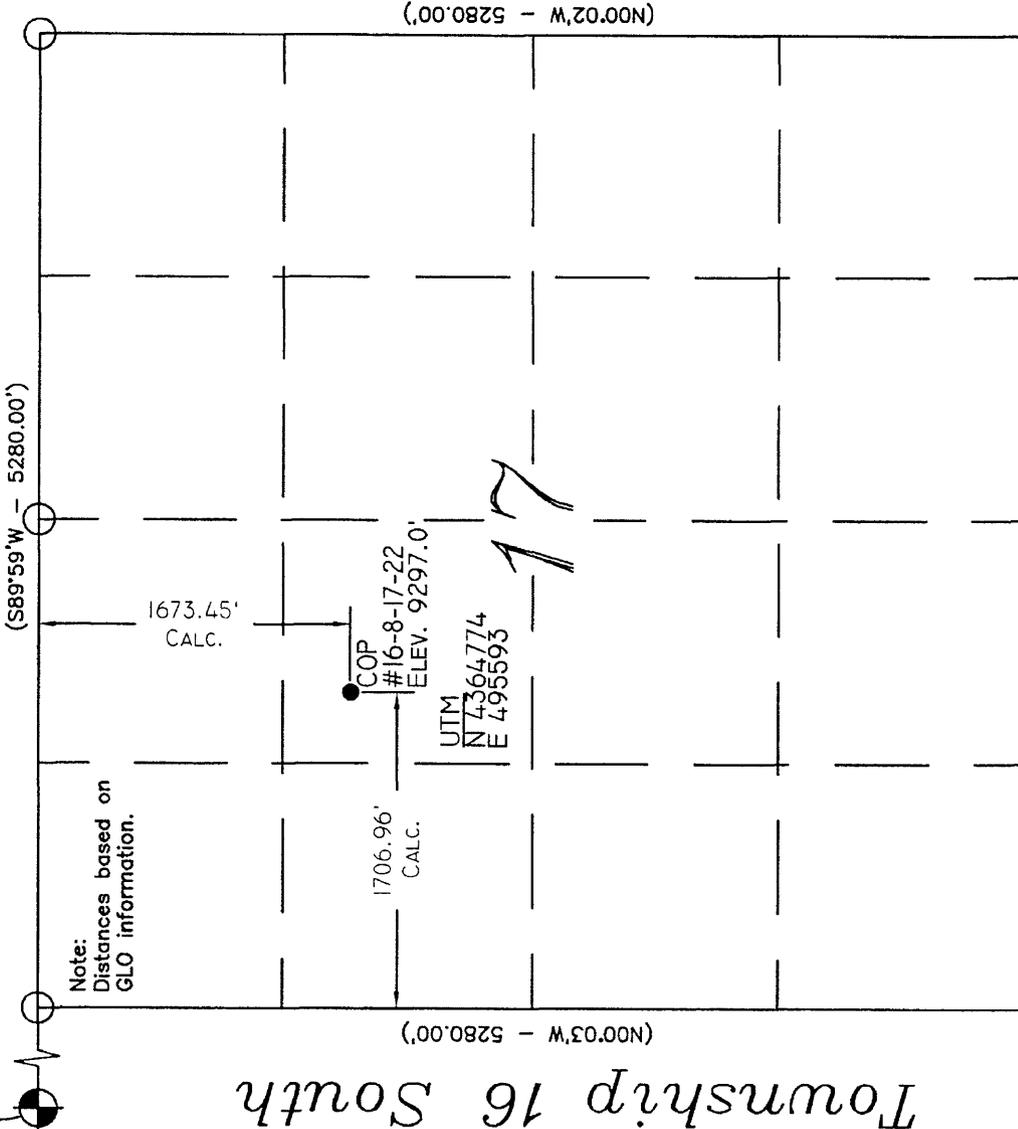
API NUMBER ASSIGNED: 43-015-30717

APPROVAL:

**RECEIVED**  
JUN 13 2007

NORTHWEST  
SECTION 18  
T16S, R8E

# Range 8 East



Note:  
Distances based on  
GLO information.

(S89°59'W - 5280.00')

1673.45'  
CALC.

1706.96'  
CALC.

COP  
#16-8-17-22  
ELEV. 9297.0'

UTM  
N 4364774  
E 495593

(N00°02'W - 5280.00')

(WEST - 5280.00')

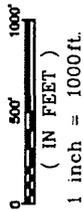
## Legend

- Drill Hole Location
- Brass Cap (Found)
- Brass Cap (Searched for, but not found)
- △ Rock Pile
- ( ) GLO
- GPS Measured

NOTES:  
1. UTM and Latitude / Longitude Coordinates  
are derived using a GPS Pathfinder and are  
shown in NAD 27 Datum.

LAT / LONG
39°26'03.756" N
111°03'04.346" W

## GRAPHIC SCALE



### Location:

The well location was determined using a Trimble 5700 GPS survey grade unit.

### Basis of Bearing:

The Basis of Bearing is GPS Measured.

### GLO Bearing:

The Bearings indicated are per the recorded plat obtained from the U.S. Land Office.

### Basis of Elevation:

Basis of Elevation of 9694.0' being at the Southeast Section corner of Section 36, Township 15 South, Range 7 East, Salt Lake Base & Meridian, as shown on the Hiawatha Quadrangle 7.5 Minute Series Map.

### Description of Location:

Proposed Drill Hole located in the SE/4 NW/4 of Section 17, T16S, R8E, S.L.B.&M., being 1673.45' South and 1706.96' East from the Northwest Section Corner of Section 17, T16S, R8E, Salt Lake Base & Meridian.

### Surveyor's Certificate:

I, Albert J. Spensko, a Registered Professional Land Surveyor, holding Certificate 146652 State of Utah, do hereby certify that the information on this drawing is a true and accurate survey based on data of record and was conducted under my personal direction and supervision as shown hereon.



TALON RESOURCES, INC.

615 North 400 East P.O. Box 1230  
Huntington, Utah 84528  
Phone (435)687-5310 Fax (435)687-5311  
E-Mail talon@tv.net



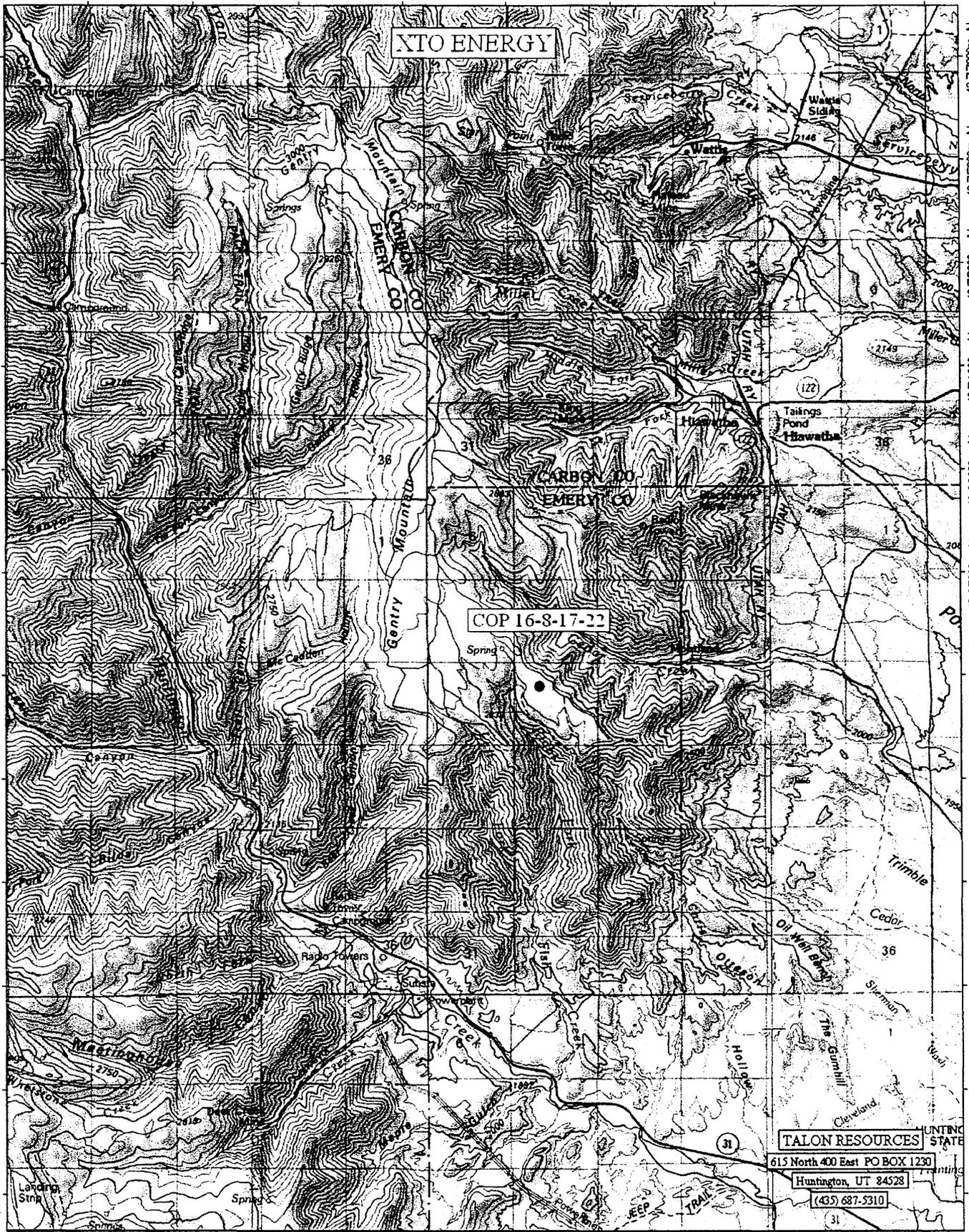
COP 16-8-17-22  
Section 17, T16S, R8E, S.L.B.&M.  
Emery County, Utah

Drawn By N. BUTKOVICH	Checked By L.W.J./A.J.S.
Drawing No. A-1	Date: 5/2/07
	Scale: 1" = 1000'
Sheet 1 of 4	Job No. 2845

487000m E. 489000m E. 491000m E. 493000m E. 495000m E. 497000m E. 499000m E. NAD27 Zone 12S 503000m E.

4377000m N.  
4375000m N.  
4373000m N.  
4371000m N.  
4369000m N.  
4367000m N.  
4365000m N.  
4363000m N.  
4361000m N.  
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4375000m N.  
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4367000m N.  
4365000m N.  
4363000m N.  
4361000m N.  
4359000m N.  
4357000m N.  
4355000m N.



NTO ENERGY

COP 16-8-17-22

CARBON CO.  
EMERY CO.

TALON RESOURCES

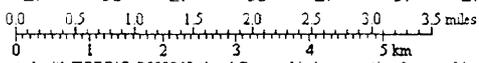
615 North 400 East PO BOX 1230

Huntington, UT 84528

(435) 687-5310

487000m E. 489000m E. 491000m E. 493000m E. 495000m E. 497000m E. 499000m E. NAD27 Zone 12S 503000m E.

TN  
12x



Map created with TOPO! © 2003 National Geographic (www.nationalgeographic.com/topo)

EXHIBIT A