

FORM  
2A

Rev  
04/01

State of Colorado  
Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80205 Phone: (303) 894-2100 Fax: (303) 894-2109



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Document Number:  
400118328

Oil and Gas Location Assessment

New Location  Amend Existing Location Location#: 309548

Submit original plus one copy. This form is to be submitted to the COGCC prior to any ground disturbance activity associated with oil and gas development operations. This Assessment may be approved as a stand alone application or submitted as an informational report accompanying an Application for Permit-To-Drill, Form 2. Approval of this Assessment will allow for the construction of the below specified location; however, it does not supersede any land use rules applied by the local land use authority. This form may serve as notice to land owners and other interested parties, please see the COGCC web site at <http://colorado.gov/cogcc/> for all accompanying information pertinent to this Oil and Gas Location Assessment.

Location ID:  
**309548**  
Expiration Date:  
**01/26/2014**

This location assessment is included as part of a permit application.

1. CONSULTATION

- This location is included in a Comprehensive Drilling Plan. CDP # \_\_\_\_\_
- This location is in a sensitive wildlife habitat area.
- This location is in a wildlife restricted surface occupancy area.
- This location includes a Rule 306.d.(1)A.ii. variance request.

2. Operator

Operator Number: 100264  
Name: XTO ENERGY INC  
Address: 382 CR 3100  
City: AZTEC State: NM Zip: 87410

3. Contact Information

Name: Kelly Kardos  
Phone: (505) 333-3145  
Fax: (505) 213-0546  
email: kelly\_kardos@xtoenergy.com

4. Location Identification:

Name: APACHE CANYON Number: 08-08  
County: LAS ANIMAS  
Quarter: SENE Section: 8 Township: 34S Range: 67W Meridian: 6 Ground Elevation: 7833  
Define a single point as a location reference for the facility location. This point should be used as the point of measurement in the drawings to be submitted with this application. When the location is to be used as a well site then the point shall be a well location.  
Footage at surface: 2217 feet FNL, from North or South section line, and 1304 feet FEL, from East or West section line.  
Latitude: 37.099912 Longitude: -104.906673 PDOP Reading: 6.0 Date of Measurement: 11/08/2010  
Instrument Operator's Name: GARY TERRY

5. Facilities (Indicate the number of each type of oil and gas facility planned on location):

Special Purpose Pits: <input type="text" value="0"/>	Drilling Pits: <input type="text" value="1"/>	Wells: <input type="text" value="1"/>	Production Pits: <input type="text" value="1"/>	Dehydrator Units: <input type="text" value="0"/>
Condensate Tanks: <input type="text" value="0"/>	Water Tanks: <input type="text" value="0"/>	Separators: <input type="text" value="1"/>	Electric Motors: <input type="text" value="1"/>	Multi-Well Pits: <input type="text" value="0"/>
Gas or Diesel Motors: <input type="text" value="0"/>	Cavity Pumps: <input type="text" value="0"/>	LACT Unit: <input type="text" value="0"/>	Pump Jacks: <input type="text" value="1"/>	Pigging Station: <input type="text" value="0"/>
Electric Generators: <input type="text" value="0"/>	Gas Pipeline: <input type="text" value="1"/>	Oil Pipeline: <input type="text" value="0"/>	Water Pipeline: <input type="text" value="1"/>	Flare: <input type="text" value="0"/>
Gas Compressors: <input type="text" value="1"/>	VOC Combustor: <input type="text" value="0"/>	Oil Tanks: <input type="text" value="0"/>	Fuel Tanks: <input type="text" value="0"/>	

Other: GAS AND/OR DIESEL MOTORS WILL BE USED FOR THE DRILLING RIG

6. Construction:

Date planned to commence construction: 02/01/2011 Size of disturbed area during construction in acres: 1.50
Estimated date that interim reclamation will begin: 05/01/2011 Size of location after interim reclamation in acres: 0.74
Estimated post-construction ground elevation: 7819 Will a closed loop system be used for drilling fluids: Yes
Will salt sections be encountered during drilling: Yes No X Is H2S anticipated? Yes No X
Will salt (>15,000 ppm TDS Cl) or oil based muds be used: Yes No X
Mud disposal: Offsite X Onsite Method: Land Farming Land Spreading Disposal Facility
Other: BURY/HAUL

7. Surface Owner:

Name: Phone:
Address: Fax:
Address: Email:
City: State: Zip: Date of Rule 306 surface owner consultation: 11/17/2010
Surface Owner: Fee State Federal Indian
Mineral Owner: X Fee State Federal Indian
The surface owner is: the mineral owner committed to an oil and gas lease
is the executer of the oil and gas lease the applicant
The right to construct the location is granted by: oil and gas lease X Surface Use Agreement Right of Way
applicant is owner
Surface damage assurance if no agreement is in place: \$2000 \$5000 Blanket Surety ID

8. Reclamation Financial Assurance:

X Well Surety ID: 20100210 Gas Facility Surety ID: Waste Mgnt. Surety ID:

9. Cultural:

Is the location in a high density area (Rule 603.b.): Yes No X
Distance, in feet, to nearest building: 10560 , public road: 10560 , above ground utilit: 10560
, railroad: 10560 , property line: 7656

10. Current Land Use (Check all that apply):

Crop Land: Irrigated Dry land Improved Pasture Hay Meadow CRP
Non-Crop Land: Rangeland X Timber Recreational Other (describe):
Subdivided: Industrial Commercial Residential

11. Future Land Use (Check all that apply):

Crop Land: Irrigated Dry land Improved Pasture Hay Meadow CRP
Non-Crop Land: Rangeland X Timber Recreational Other (describe):
Subdivided: Industrial Commercial Residential

12. Soils:

List all soil map units that occur within the proposed location. Attach the National Resource Conservation Service (NRCS) report showing the "Map Unit Description" report listing the soil typical vertical profile. This data is to used when segregating topsoil.

The required information can be obtained from the NRCS web site at <http://soildatamart.nrcs.usda.gov/> or from the COGCC web site GIS Online map page found at <http://colorado.gov/cogcc>. Instructions are provided within the COGCC web site help section.

NRCS Map Unit Name: SARUCHE-ROMBO-ROCK OUTCROP COMPLEX, 25 TO 50% SLOPES

NRCS Map Unit Name: \_\_\_\_\_

NRCS Map Unit Name: \_\_\_\_\_

### 13. Plant Community:

Complete this section only if any portion of the disturbed area of the location's current land use is on non-crop land.

Are noxious weeds present: Yes  No

Plant species from:  NRCS or,  field observation Date of observation: \_\_\_\_\_

List individual species: Western Wheatgrass, Sideoats Grama, Little Bluestem, Gambles Oak, NeedleandThread, Mountain Muhly

Check all plant communities that exist in the disturbed area.

- Disturbed Grassland (Cactus, Yucca, Cheatgrass, Rye)
- Native Grassland (Bluestern, Grama, Wheatgrass, Buffalograss, Fescue, Oatgrass, Brome)
- Shrub Land (Mahogany, Oak, Sage, Serviceberry, Chokecherry)
- Plains Riparian (Cottonwood, Willow, Aspen, Maple, Poplar, Russian Olive, Tamarisk)
- Mountain Riparian (Cottonwood, Willow, Blue Spruce)
- Forest Land (Spruce, Fir, Ponderosa Pine, Lodgepole Pine, Juniper, Pinyon, Aspen)
- Wetlands Aquatic (Bullrush, Sedge, Cattail, Arrowhead)
- Alpine (above timberline)
- Other (describe): \_\_\_\_\_

### 14. Water Resources:

Rule 901.e. may require a sensitive area determination be performed. If this determination is performed the data is to be submitted with the Form 2A.

Is this a sensitive area:  No  Yes Was a Rule 901.e. Sensitive Areas Determination performed:  No  Yes

Distance (in feet) to nearest surface water: 440, water well: 1000, depth to ground water: 22

Is the location in a riparian area:  No  Yes Was an Army Corps of Engineers Section 404 permit filed  No  Yes

Is the location within a Rule 317B Surface Water Suppl Area buffer zone:

No  0-300 ft. zone  301-500 ft. zone  501-2640 ft. zone

If the location is within a Rule 317B Surface Water Supply Area buffer have all public water supply systems within 15 miles been notified:  No  Yes

### 15. Comments:

THERE ARE NO ADJACENT LANDOWNERS WITHIN 500' OF THE PROPOSED LOCATION. DOW WATER WELL TI IS LOCATED WITHIN ONE MILE. WATER WELL PERMIT #23097 IS THE CLOSEST WATER WELL WITH A STATIC WATER LEVEL (22'). SURFACE OWNER WAIVED CONSULTATION/NOTIFICATION REQUIREMENTS.

I hereby certify that the statements made in this form are, to the best of my knowledge, true, correct and complete.

Signed: \_\_\_\_\_ Date: 12/29/2010 Email: kelly\_kardos@xtoenergy.com

Print Name: KELLY KARDOS Title: SR. PERMITTING TECH

Based on the information provided herein, this Application for Permit-to-Drill complies with COGCC Rules and applicable orders and is hereby approved.

*David S. Neslin*

COGCC Approved: \_\_\_\_\_ Director of COGCC Date: 1/27/2011

**CONDITIONS OF APPROVAL, IF ANY:**

**All representations, stipulations and conditions of approval stated in this Form 2A for this location shall constitute representations, stipulations and conditions of approval for any and all subsequent operations on the location unless this Form 2A is modified by Sundry Notice, Form 4 or an Amended Form 2A.**

- No portion of any pit that will be used to hold liquids shall be constructed on fill material, unless the pit and fill slope are designed and certified by a professional engineer, subject to review and approval by the director prior to construction of the pit. The construction and lining of the pit shall be supervised by a professional engineer or their agent.
- The site specific BMPS provided by XTO Energy for Erosion control and storm water management should be implemented immediately after pad construction.
- Due to the SARUCHE-ROMBO-ROCK OUTCROP COMPLEX the following will apply: Location is in a sensitive area because of potential for adverse impacts to ground water/surface water; therefore all pits will be lined.
- Operator must implement site-specific best management practices in accordance with good engineering practices, including, but not limited to, construction of a berm or diversion dike, site grading, or other comparable measures, sufficient to prevent a release of drilling, completion, produced fluids, or chemical products from migrating off of the oil and gas location.

**Attachment Check List**

Att Doc Num	Name
2533058	OTHER
400118328	FORM 2A SUBMITTED
400118638	SURFACE AGRMT/SURETY
400118639	PROPOSED BMPs
400118641	NRCS MAP UNIT DESC
400118642	CONST. LAYOUT DRAWINGS
400118643	HYDROLOGY MAP B, AERIAL
400118644	HYDROLOGY MAP
400118645	REFERENCE AREA MAP
400118646	REFERENCE AREA PICTURES
400118647	ACCESS ROAD MAP
400118650	LOCATION DRAWING
400119621	WAIVERS
400120891	LOCATION PICTURES

Total Attach: 14 Files

**General Comments**

User Group	Comment	Comment Date
Permit	PERMITTING PASSED- JLV	1/25/2011 2:57:18 PM
Permit	I spoke with Al Trujillo Colorado Department of Wildlife (CDOW) about XTO Energy's proposed locations in the Bosque Del Oso State Wildlife Area (SWA). Al Trujillo (CDOW) and his staff are aware of XTO Energy's plans for the proposed locations and further, there is an existing SUA in place for operations in this area; I also spoke with Kyla Vaughn (XTO Energy Inc.) and they are currently operating in the Bosque Del Oso SWA under the original SUA executed by Williams and CDOW. JLV	1/25/2011 2:57:01 PM
OGLA	Ready to pass 1/26/2011	1/14/2011 1:56:47 PM

Total: 3 comment(s)

## BMP

<u>Type</u>	<u>Comment</u>
Storm Water/Erosion Control	Site Specific BMPS were provided by XTO and have been included in the Attachments under the "OTHER TAB".

Total: 1 comment(s)