

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:  
400153529

Oil and Gas Location Assessment

New Location       Amend Existing Location      Location#: \_\_\_\_\_

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 standalone 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:

Expiration Date:

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: 20-11  
 County: LAS ANIMAS  
 Quarter: NESW      Section: 20      Township: 34S      Range: 67W      Meridian: 6      Ground Elevation: 7610

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: 1987 feet FSL, from North or South section line, and 1907 feet FWL, from East or West section line.  
 Latitude: 37.067970      Longitude: -104.913739      PDOP Reading: 6.0      Date of Measurement: 01/25/2011

Instrument Operator's Name: GARY L. 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="2"/>	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: 06/01/2011 Size of disturbed area during construction in acres: 1.05
Estimated date that interim reclamation will begin: 08/15/2011 Size of location after interim reclamation in acres: 0.74
Estimated post-construction ground elevation: 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: STATE OF COLORADO, DOW Phone: 719-680-1036
Address: 6060 BROADWAY Fax:
Address: Email: bill.velarde.state.co.us
City: DENVER State: CO Zip: 80216 Date of Rule 306 surface owner consultation: 01/03/2011
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: 5280

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

Crop Land: Irrigated Dry land Improved Pasture Hay Meadow CRP
Non-Crop Land: X 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: X 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 (Bluestem, 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: 260, water well: 6000, depth to ground water: 229

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. 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: \_\_\_\_\_ 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.

COGCC Approved: \_\_\_\_\_ Director of COGCC Date: \_\_\_\_\_

**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.**

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**Attachment Check List**

Att Doc Num	Name
400153534	SURFACE AGRMT/SURETY
400153535	WAIVERS
400153536	PROPOSED BMPs
400153538	NRCS MAP UNIT DESC
400153539	LOCATION PICTURES
400153540	LOCATION DRAWING
400153541	HYDROLOGY MAP B, AERIAL
400153543	HYDROLOGY MAP
400153545	ACCESS ROAD MAP
400153547	CONST. LAYOUT DRAWINGS
400153548	REFERENCE AREA MAP
400153549	REFERENCE AREA PICTURES

Total Attach: 12 Files

**General Comments**

<b><u>User Group</u></b>	<b><u>Comment</u></b>	<b><u>Comment Date</u></b>

Total: 0 comment(s)

## BMP

<u>Type</u>	<u>Comment</u>
Construction	<p>Certificate to Discharge Under CDPS General Permit No. COR-030000 Stormwater Discharges Associated with Construction Certification No. COR034312 Prior to construction perimeter controls will be installed utilizing cuttings from the clearing operations. Brush Barriers shall be placed down gradient of the disturbance. Once the well pad has been constructed a variety of B.M.P.'s shall be utilized for the site</p> <p>specific conditions. These devices may include but are not limited to:</p> <ul style="list-style-type: none"><li>• Brush Barriers</li><li>• Dirt Berm/Bar Ditch</li><li>• Clean Water Run on Diversion</li><li>• Seeding</li><li>• Erosion Control Blankets</li><li>• Mulch Tackifier</li><li>• Rip-Rap</li></ul> <p>During construction each site will be inspected every 14 days and 72 hours after any major storm event. These inspections will be recorded and maintained at the XTO office.</p> <p>Repairs shall be completed within 7 days of the initial inspection. Any modifications shall be revised on the site plan and then implemented at the site.</p> <p>A Field Wide Stormwater Management Plan (SWMP) for the Raton Basin is on file at the XTO Energy Inc. office. A Site Specific SWMP with a Site Plan will be developed for each location and can be found in:</p> <ul style="list-style-type: none"><li>• Appendix F- Apache Canyon Lease</li><li>• Appendix G- Golden Eagle Lease</li><li>• Appendix H- Hill Ranch Lease</li><li>• Appendix I- New Elk Lease</li></ul> <p>Wildlife BMP required for Raton Basin utilize bear proof dumpsters and trash receptacles for food related trash at all facilities that generate such trash.</p> <p>Spill Prevention and Counter Measures (SPCC) for the Raton Basin is on file at the XTO Energy Inc. office. The Field SWMP and Site Specific SWMP each address SPCC during construction operations. SEE ATTACHED DIAGRAM</p>

Total: 1 comment(s)