

**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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| DE | ET | OE | ES |
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Document Number:  
400163897

## Oil and Gas Location Assessment

☐ New Location ☒ Amend Existing Location Location#: 325596

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:

**325596**

Expiration Date:

**06/15/2014**

☒ 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: JONES KK Number: 2  
County: LA PLATA  
QuarterQuarter: NENE Section: 26 Township: 33N Range: 7W Meridian: N Ground Elevation: 6422  
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: 1201 feet FNL, from North or South section line, and 1295 feet FEL, from East or West section line.  
Latitude: 37.078950 Longitude: -107.573320 PDOP Reading: 3.9 Date of Measurement: 12/03/2009  
Instrument Operator's Name: ROY RUSH

### 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="0"/> | Wells: <input type="text" value="2"/>        | Production Pits: <input type="text" value="0"/> | Dehydrator Units: <input type="text" value="2"/> |
| Condensate Tanks: <input type="text" value="0"/>     | Water Tanks: <input type="text" value="2"/>   | Separators: <input type="text" value="2"/>   | Electric Motors: <input type="text" value="0"/> | 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="0"/>      | Pigging Station: <input type="text" value="0"/>  |
| Electric Generators: <input type="text" value="0"/>  | Gas Pipeline: <input type="text" value="2"/>  | Oil Pipeline: <input type="text" value="0"/> | Water Pipeline: <input type="text" value="0"/>  | 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 drilling

**6. Construction:**

Date planned to commence construction: 07/11/2011 Size of disturbed area during construction in acres: 1.27  
 Estimated date that interim reclamation will begin: 08/11/2011 Size of location after interim reclamation in acres: 1.15  
 Estimated post-construction ground elevation: 6422 Will a closed loop system be used for drilling fluids: Yes ☒  
 Will salt sections be encountered during drilling: Yes ☐ No ☒ Is H2S anticipated? Yes ☐ No ☒  
 Will salt (>15,000 ppm TDS Cl) or oil based muds be used: Yes ☐ No ☒  
 Mud disposal: Offsite ☐ Onsite ☒ Method: Land Farming ☐ Land Spreading ☐ Disposal Facility ☐  
 Other: Closed Loop Mud System

**7. Surface Owner:**

Name: \_\_\_\_\_ Phone: \_\_\_\_\_  
 Address: \_\_\_\_\_ Fax: \_\_\_\_\_  
 Address: \_\_\_\_\_ Email: \_\_\_\_\_  
 City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ Date of Rule 306 surface owner consultation: 08/11/2010  
 Surface Owner: ☐ Fee ☐ State ☐ Federal ☒ Indian  
 Mineral Owner: ☐ 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 ☐ 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:**

☐ Well Surety ID: \_\_\_\_\_ ☐ Gas Facility Surety ID: \_\_\_\_\_ ☐ Waste Mgmt. Surety ID: \_\_\_\_\_

**9. Cultural:**

Is the location in a high density area (Rule 603.b.): Yes ☐ No ☒  
 Distance, in feet, to nearest building: 320, public road: 565, above ground utilit: 150  
 , railroad: 10560, property line: 3985

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

Crop Land: ☐ Irrigated ☐ Dry land ☐ Improved Pasture ☐ Hay Meadow ☐ CRP  
 Non-Crop Land: ☒ Rangeland ☐ Timber ☐ Recreational ☒ Other (describe): Grazing  
 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 ☐ 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 be 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: 76. WITT LOAM, 3 TO 8% 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: Sagebrush, Kentucky bluegrass, crested wheatgrass

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): Grazing

**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: 675, water well: 2590, depth to ground water: 85

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 Supply 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:**

Proposed well will be drilled from the existing KK Jones #1 well pad. SUIT is the surface and mineral owner. A closed loop mud system will be used.

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

Signed: \_\_\_\_\_ Date: 05/11/2011 Email: kelly\_kardos@xtoenergy.com

Print Name: KELLY KARDOS Title: SR. PERMITTING TECH

**IMPORTANT: SOME DATA FIELDS HAVE BEEN MODIFIED.**

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: \_\_\_\_\_

*David G. Neslin*

Director of COGCC

Date: 6/16/2011

**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.**

**Attachment Check List**

| Att Doc Num | Name                    |
|-------------|-------------------------|
| 1792185     | MULTI-WELL PLAN         |
| 2033844     | CORRESPONDENCE          |
| 400163897   | FORM 2A SUBMITTED       |
| 400163900   | CONST. LAYOUT DRAWINGS  |
| 400163901   | HYDROLOGY MAP           |
| 400163902   | HYDROLOGY MAP B, AERIAL |
| 400163903   | LOCATION PICTURES       |
| 400163904   | WELL LOCATION PLAT      |
| 400163905   | REFERENCE AREA MAP      |
| 400163907   | REFERENCE AREA PICTURES |
| 400163911   | LOCATION DRAWING        |
| 400163913   | ACCESS ROAD MAP         |
| 400163914   | NRCS MAP UNIT DESC      |

Total Attach: 13 Files

**General Comments**

| <b><u>User Group</u></b> | <b><u>Comment</u></b>  | <b><u>Comment Date</u></b> |
|--------------------------|--|----------------------------|
| Permit                   | Received the Multi-well plan. BY   | 6/13/2011<br>10:01:16 AM   |
| Permit                   | Second well on pad and therefore requires a Multi-well plan be submitted. Emailed Kelly Kardos. BY | 6/13/2011<br>8:32:50 AM    |

**IMPORTANT: SOME DATA FIELDS HAVE BEEN MODIFIED.**

|      |   |                         |
|------|---|-------------------------|
| OGLA | <p>GENERAL SITE SUGGESTED BMPS (SUIT):</p> <p>Operator should implement best management practices to contain any unintentional release of fluids, including any fluids conveyed via temporary surface pipelines.</p> <p>Reserve pit, or any other pit used to contain/hold fluids, if constructed, should be lined or a closed loop system (which operator has indicated on the Form 2A – Section 6. Construction) should be implemented during drilling.</p> <p>Operator should ensure secondary containment for any volume of fluids contained at well site during drilling and completion operations; including, but not limited to, construction of a berm or diversion dike, diversion/collection trenches within and/or outside of berms/dikes, site grading, or other comparable measures (i.e., best management practices (BMPs) associated with stormwater management) sufficiently protective of nearby surface water. Any berm constructed at the well pad location will be stabilized, inspected at regular intervals (at least every 14 days), and maintained in good condition.</p> <p>The moisture content of any drill cuttings in a cuttings pit, trench, or pile shall be as low as practicable to prevent accumulation of liquids greater than de minimis amounts. At the time of closure, the drill cuttings should meet the applicable standards of table 910-1.</p> <p>Flowback and stimulation fluids should be sent to tanks to allow the sand to settle out before the fluids can be placed into any pipeline or pit located on the well pad. The flowback and stimulation fluid tanks should be placed on the well pad in an area with additional downgradient perimeter berming. The area where flowback fluids will be stored/reused should be constructed to be sufficiently impervious to contain any spilled or released material.</p> <p>Berms or other containment devices should be constructed to be sufficiently impervious to contain any spilled or released material around crude oil, condensate, and produced water storage tanks.</p> | 5/30/2011<br>8:20:58 AM |
| OGLA | Initiated/Completed OGLA Form 2A review on 05-30-11 by Dave Kubeczko; placed fluid containment, spill/release BMPs, flowback to tanks, tank berming, lined pit/closed loop, and cuttings low moisture content BMPs on 05-30-11 (SUIT); no CDOW; passed OGLA Form 2A review on 06-02-11 by Dave Kubeczko; fluid containment, spill/release BMPs, flowback to tanks, tank berming, lined pit/closed loop, and cuttings low moisture content BMPs.   | 5/30/2011<br>8:20:53 AM |

Total: 4 comment(s)

**BMP**

| <u>Type</u>   | <u>Comment</u>  |
|---------------|---|
| Construction  | <p>Certificate to Discharge Under CDPS General Permit No. COR-03000</p> <p>Stormwater Discharges Associated with Construction Certification No. COR03C483. A Field Wide Stormwater Management Plan (SWMP) for the La Plata Infill Program is on file at the XTO Energy Inc. office. A Site Specific SWMP with a Site Plan will be developed for each location. Inspections of the project site and maintenance of BMP's installed shall be conducted in accordance with the CDPHE CDPS permit &amp; field wide plan. Spill Prevention and Counter Measures (SPCC) for the La Plata Infill Program is on file at the XTO Energy Inc. office. The Field SWMP and Site</p> |
| Site Specific | Will be specified in the COAs of the approved BLM permit per the SUIT   |

Total: 2 comment(s)