

**FORM  
2A**Rev  
04/01State of Colorado  
Oil and Gas Conservation Commission

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



DE ET OE ES

Document Number:

400088993

**Oil and Gas Location Assessment**☐ New Location ☒ Amend Existing Location Location#: 325466

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:

**325466**

Expiration Date:

**09/29/2013**☒ 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) 320-4648

Fax: (505) 213-0546

email: kelly\_kardos@xtoenergy.com

**4. Location Identification:**

Name: TIFFANY 2 Number: 3

County: LA PLATA

Quarter: SESE Section: 2 Township: 32N Range: 7W Meridian: N Ground Elevation: 6282

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: 1110 feet, from North or South section line: FSL and 1295 feet, from East or West section line: FEL

Latitude: 37.042006 Longitude: -107.573260 PDOP Reading: 2.1 Date of Measurement: 04/09/2006

Instrument Operator's Name: DAVID ALEXANDER JOHNSON

**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="0"/>
Condensate Tanks: <input type="text" value="0"/>	Water Tanks: <input type="text" value="0"/>	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="2"/>	Cavity Pumps: <input type="text" value="0"/>	LACT Unit: <input type="text" value="0"/>	Pump Jacks: <input type="text" value="2"/>	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="0"/>	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: 10/10/2010 Size of disturbed area during construction in acres: 1.15  
Estimated date that interim reclamation will begin: 11/15/2010 Size of location after interim reclamation in acres: 1.04  
Estimated post-construction ground elevation: 6282 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: 08/17/2010  
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: 20020116 ☒ Gas Facility Surety ID: 20020117 ☐ Waste Mgnt. Surety ID: \_\_\_\_\_

9. Cultural:

Is the location in a high density area (Rule 603.b.): Yes ☐ No ☒  
Distance, in feet, to nearest building: 2660, public road: 3050, above ground utilit: 2660  
, railroad: 10560, property line: 28

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): \_\_\_\_\_  
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 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: 5. ARBOLES CLAY, 3% TO 12% 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: \_\_\_\_\_  
\_\_\_\_\_

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: 150, water well: 1800, depth to ground water: 40

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 existing Tiffany C #1 wellpad. Water well permit #249974 was used to determine depth to ground water. Wellpad split by property line. Surface owners waived consultation and notification requirements. Exception Location Request attached to related Form 2.

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

Signed: \_\_\_\_\_ Date: 08/30/2010 Email: kelly\_kardos@xtoenergy.com

Print Name: Kelly K. 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.

*Daniel S. Neslin*

COGCC Approved: \_\_\_\_\_

Director of COGCC

Date: 9/30/2010

**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.**

Location is in a sensitive area because of proximity to surface water (irrigation ditch to the northwest and intermittent stream to the west); therefore, operator must ensure 110 percent 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., BMPs associated with stormwater management) sufficiently protective of the nearby surface water.

Operator must implement best management practices to contain any unintentional release of fluids.

**Attachment Check List**

Att Doc Num	Name	Doc Description
2033390	CORRESPONDENCE	LF@2542087 2033390
2033391	LOCATION PICTURES	LF@2542088 2033391
400088993	FORM 2A SUBMITTED	LF@2534659 400088993
400089027	NRCS MAP UNIT DESC	LF@2534660 400089027
400089028	HYDROLOGY MAP	LF@2534661 400089028
400089031	CONST. LAYOUT DRAWINGS	LF@2534662 400089031
400089032	PROPOSED BMPs	LF@2534663 400089032
400089033	LOCATION DRAWING	LF@2534664 400089033
400089035	ACCESS ROAD MAP	LF@2534665 400089035
400089680	LOCATION PICTURES	LF@2534666 400089680
400089687	SURFACE AGRMT/SURETY	LF@2534668 400089687

Total Attach: 11 Files

**General Comments**

User Group	Comment	Comment Date
Permit	PERMITTING PASSED	9/30/2010 1:36:58 PM
Permit	Exception Location Request received from Operator; attached via Laserfiche to the related Form 2	9/30/2010 1:36:24 PM
Permit	Called Operator to request Exception Location Req/Waivers	9/27/2010 3:03:32 PM
DOW	Operator proposed wildlife bmps are sufficient to address CDOW wildlife concerns at this time.	9/10/2010 3:23:18 PM
OGLA	Initiated/Completed OGLA Form 2A review on 09-07-10 by Dave Kubeczko; requested clarifications and acknowledgement of close SW fluid containment, spill/release BMPs COAs; date of location pictures; identification of pit onsite from operator on 09-07-10; received clarifications and acknowledgement of COAs from operator on 09-08-10; passed by CDOW on 09-10-10, with operator submitted (with permit application) BMPs acceptable; passed OGLA Form 2A review on 09-22-10 by Dave Kubeczko; close SW fluid containment, spill/release BMPs COAs.	9/7/2010 3:17:33 PM
Permit	push back to draft missing location pictures and surface surety letter will not open	8/31/2010 4:23:53 PM

Total: 6 comment(s)

Error: Subreport could not be shown.

