

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



Document Number:

400132362

Date Received:

02/10/2011

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:

422360

Expiration Date:

03/29/2014

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: GOLDEN EAGLE Number: 30-08
 County: LAS ANIMAS
 Quarter: SENE Section: 30 Township: 33S Range: 67W Meridian: 6 Ground Elevation: 7721

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: 2132 feet FNL, from North or South section line, and 1060 feet FEL, from East or West section line.
 Latitude: 37.144707 Longitude: -104.922120 PDOP Reading: 6.0 Date of Measurement: 11/18/2010
 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="0"/>	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: 04/01/2011 Size of disturbed area during construction in acres: 1.50
Estimated date that interim reclamation will begin: 08/01/2011 Size of location after interim reclamation in acres: 0.74
Estimated post-construction ground elevation: 7719 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: 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: 11/16/2010
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: 20100210 Gas Facility Surety ID: _____ 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: 2930, public road: 3170, above ground utilit: 3145
, railroad: 2230, property line: 2132

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: FUERA-DARGOL-VAMER COMPLEX, 10 TO 45% SLOPES
NRCS Map Unit Name: Saruche-Rombo-Rock outcrop complex, 25 to 50 percent slopes
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: Ponderosa Pine, Rocky Mountain Douglas Fir, 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: 1220, water well: 1000, depth to ground water: 600

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 AC1 IS LOCATED WITHIN ONE MILE. 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: 02/10/2011 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: David S. Neslin Director of COGCC Date: 3/30/2011

**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.

Notify the COGCC Oil and Gas Location Assessment (OGLA) specialist for South Eastern Colorado (Arthur Koepsell; email arthur.koepsell@state.co.us) 48 hours prior to initiating pad construction.

Notify the COGCC Oil and Gas Location Assessment (OGLA) specialist for South Eastern Colorado (Arthur Koepsell; email arthur.koepsell@state.co.us) 48 hours prior to spudding the well.

Notify the COGCC Oil and Gas Location Assessment (OGLA) specialist for South Eastern Colorado (Arthur Koepsell; email arthur.koepsell@state.co.us) 48 hours prior to commencing frac operations.

The construction and lining of the pit shall be supervised by a professional engineer or their agent. XTO shall provide a Construction Report for the pit to the COGCC via Sundry within 60 days of pit construction. The Construction Report shall be certified by the supervising professional engineer.

Due to the shallow soils and underlying fractured bed rock 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.

The site specific stormwater/erosion control BMPs provided by XTO should be implemented immediately after pad construction.

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
2533087	NRCS MAP UNIT DESC
2533089	OTHER
400132362	FORM 2A SUBMITTED
400132374	SURFACE AGRMT/SURETY
400132375	OTHER
400132377	PROPOSED BMPs
400132378	NRCS MAP UNIT DESC
400132380	OTHER
400132381	CONST. LAYOUT DRAWINGS
400132383	HYDROLOGY MAP B, AERIAL
400132384	HYDROLOGY MAP
400132385	LOCATION PICTURES
400132387	REFERENCE AREA MAP
400132389	REFERENCE AREA PICTURES
400132390	ACCESS ROAD MAP
400132391	LOCATION DRAWING

Total Attach: 16 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	PERMITTING PASSED- JLV	3/30/2011 9:16:02 AM
Permit	State Wildlife Area; called Al Trujillo (CDOW Energy Liaison) to ensure he was aware of the subject well location. JLV	3/30/2011 9:14:59 AM
OGLA	Ready to pass 3/4/2011.	2/16/2011 9:03:10 AM
OGLA	XTO has provided a certified engineered pit design.	2/16/2011 8:56:34 AM
OGLA	Location is within the Golden Eagle mine workings.	2/14/2011 8:49:08 AM

Total: 5 comment(s)

BMP

<u>Type</u>	<u>Comment</u>
Storm Water/Erosion Control	Site spcifice BMPs have been provided by XTO. The BMPs are included in the attachments under "OTHER".

Total: 1 comment(s)