

FORM
2A

Rev
04/01

State of Colorado
Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 894-2100 Fax: (303) 894-2109



Document Number:

400274302

Date Received:

04/20/2012

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:

429093

Expiration Date:

05/30/2015

☐ 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: 10412

Name: AUS-TEX EXPLORATION INC

Address: 7985 W 16TH AVENUE

City: LAKEWOOD State: CO Zip: 80214

3. Contact Information

Name: Lisa Smith

Phone: (303) 857-9999

Fax: (303) 450-9200

email: lspermitco@aol.com

4. Location Identification:

Name: Pathfinder Number: C 11-12 1

County: FREMONT

QuarterQuarter: NWNW Section: 12 Township: 20S Range: 70W Meridian: 6 Ground Elevation: 5938

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: 547 feet FNL, from North or South section line, and 504 feet FWL, from East or West section line.

Latitude: 38.328794 Longitude: -105.178678 PDOP Reading: 1.9 Date of Measurement: 03/27/2012

Instrument Operator's Name: Dallas Nielson

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

Special Purpose Pits: <input type="text"/>	Drilling Pits: <input type="text" value="0"/>	Wells: <input type="text" value="1"/>	Production Pits: <input type="text"/>	Dehydrator Units: <input type="text"/>
Condensate Tanks: <input type="text"/>	Water Tanks: <input type="text" value="1"/>	Separators: <input type="text" value="1"/>	Electric Motors: <input type="text"/>	Multi-Well Pits: <input type="text"/>
Gas or Diesel Motors: <input type="text"/>	Cavity Pumps: <input type="text"/>	LACT Unit: <input type="text"/>	Pump Jacks: <input type="text" value="1"/>	Pigging Station: <input type="text"/>
Electric Generators: <input type="text"/>	Gas Pipeline: <input type="text"/>	Oil Pipeline: <input type="text"/>	Water Pipeline: <input type="text"/>	Flare: <input type="text" value="1"/>
Gas Compressors: <input type="text"/>	VOC Combustor: <input type="text"/>	Oil Tanks: <input type="text" value="2"/>	Fuel Tanks: <input type="text"/>	

Other: _____

6. Construction:

Date planned to commence construction: 06/01/2012 Size of disturbed area during construction in acres: 4.00
Estimated date that interim reclamation will begin: 06/01/2013 Size of location after interim reclamation in acres: 1.29
Estimated post-construction ground elevation: 5934 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: _____

7. Surface Owner:

Name: _____ Phone: _____
Address: _____ Fax: _____
Address: _____ Email: _____
City: _____ State: _____ Zip: _____ Date of Rule 306 surface owner consultation: 04/20/2012
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: 20120036 ☐ 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: 1500, public road: 599, above ground utilit: 893
, railroad: 5280, property line: 547

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 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: 5: Arents 10-45%

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: 03/27/2012
List individual species: _____

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: 230, water well: 374, depth to ground water: 134
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:

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

Signed: _____ Date: 04/20/2012 Email: lspermitco@aol.com

Print Name: Lisa Smith Title: Authorized Agent

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: 5/31/2012

**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.

If underground mine workings are exposed during construction of the location the operator shall contact the COGCC within 24-hours. Notification shall be sent to via form 42. Any underground workings exposed by the operator shall be closed at the operator's expense and meet with the Colorado Division of Reclamation and Mine Safety closure criteria. If underground workings are encountered, operator is responsible to ensure that site stability and site safety can be maintained throughout oil and gas operations.

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 protect intermittent stream located 230 feet east of the staked oil and gas location from a release of drilling, completion, produced fluids, and chemical products.

Brass survey markers originally placed by the Colorado Division of Reclamation and Mine Safety shall be returned to their pre-construction positions (elevation excepted) by a surveyor licensed in the State of Colorado during interim reclamation. Maintenance of the markers shall be the requirement of the operator until completion of final reclamation.

Provide notice to COGCC 48-hours prior to commencement of Hydraulic Fracturing activities via form 42.

Provide notice to COGCC 48-hours prior to commencement of construction activities via form 42.

Attachment Check List

Att Doc Num	Name
1698866	SURFACE AGRMT/SURETY
2533562	CORRESPONDENCE
2533564	CORRESPONDENCE
2533565	CORRESPONDENCE
2533573	CONST. LAYOUT DRAWINGS
2533574	LOCATION DRAWING
2533575	DOW CONSULTATION
2533576	DOW CONSULTATION
2533580	LOCATION DRAWING
2533581	CONST. LAYOUT DRAWINGS
400274302	FORM 2A SUBMITTED
400275085	ACCESS ROAD MAP
400275086	CONST. LAYOUT DRAWINGS
400275087	HYDROLOGY MAP
400275088	LOCATION PICTURES
400275089	LOCATION DRAWING
400275090	REFERENCE AREA MAP
400275091	REFERENCE AREA PICTURES
400275092	NRCS MAP UNIT DESC

Total Attach: 19 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Final Review passed 5/30/2012	5/24/2012 8:28:46 AM
OGLA	Ready to pass.	5/23/2012 1:07:38 PM
OGLA	The operator has elected to use a closed loop system and dispose of the the cuttings/fluids at an offsite disposal facility. The Construction layout drawings have been updated to show the locations without a pit.	5/23/2012 12:57:59 PM
Permit	The CGS Coal Mine map indicates potential coal mines in the area of the proposed wellbore.	5/17/2012 4:36:15 PM
Permit	Per opr please change right to construct from bond to SUA and attached document.	5/17/2012 11:31:45 AM
OGLA	The DOW Consult was received and the CPW task passed at Al Trujillp's request. Wildlife BMPs were added to the BMP tab.	5/15/2012 2:43:47 PM
Permit	Right to construct corrected to "bond" per opr.	5/9/2012 8:41:19 AM
Permit	Email to opr to verify right to construct. 5/2/2012 NKP	5/2/2012 5:40:43 PM
OGLA	Sensitive Area -Municipal supply well within 1/8th of a mile. Water depth 134 feet.	4/24/2012 8:22:48 AM

Total: 9 comment(s)

BMP

<u>Type</u>	<u>Comment</u>
Wildlife	COGCC Rule 1204 (a) (1) relating to operator installation and utilization of black bear dumpsters and receptacles for is certainly applicable in this area and we encourage operators to comply with this rule to avoid human-bear conflicts at their drill sites.
Wildlife	The wells are located in mapped elk winter range and our recommendation for these facilities is avoid new construction between December 1 and April 15th.

Total: 2 comment(s)