

FORM
2A

Rev
08/13

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:

400852031

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Date Received:

06/12/2015

Oil and Gas Location Assessment

New Location Refile Amend Existing Location Location#: _____

Submit signed original form. This Oil and Gas Location Assessment is to be submitted to the COGCC for approval prior to any ground disturbance activity associated with oil and gas operations. Approval of this Oil and Gas Location 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. Please see the COGCC website at <http://cogcc.state.co.us/> for all accompanying information pertinent this Oil and Gas Location Assessment.

Location ID:

443255

Expiration Date:

09/17/2018

This location assessment is included as part of a permit application.

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.

Operator

Operator Number: 10412
Name: AUS-TEX EXPLORATION INC
Address: 7985 W 16TH AVENUE
City: LAKEWOOD State: CO Zip: 80214

Contact Information

Name: Aaron Goss
Phone: (303) 4950327
Fax: ()
email: agoss@austinexploration.com

RECLAMATION FINANCIAL ASSURANCE

Plugging and Abandonment Bond Surety ID: 20120088 Gas Facility Surety ID: _____
 Waste Management Surety ID: _____

LOCATION IDENTIFICATION

Name: Pathfinder C-18 Number: #2

County: FREMONT

Quarter: NWNE Section: 18 Township: 20S Range: 69W Meridian: 6 Ground Elevation: 5961

Define a single point as a location reference for the facility location. When the location is to be used as a well site then the point shall be a well location.

Footage at surface: 757 feet FNL from North or South section line

1607 feet FEL from East or West section line

Latitude: 38.313796 Longitude: -105.148180

PDOP Reading: 1.2 Date of Measurement: 06/05/2015

Instrument Operator's Name: Dennis Petty

RELATED REMOTE LOCATIONS

(Enter as many Related Locations as necessary. Enter the Form 2A document # only if there is no established COGCC Location ID#)

This proposed Oil and Gas Location is:

LOCATION ID # FORM 2A DOC #

FACILITIES

Indicate the number of each type of oil and gas facility planned on location

Wells	<u>1</u>	Oil Tanks*	<u>2</u>	Condensate Tanks*	<u> </u>	Water Tanks*	<u>1</u>	Buried Produced Water Vaults*	<u> </u>
Drilling Pits	<u>1</u>	Production Pits*	<u> </u>	Special Purpose Pits	<u> </u>	Multi-Well Pits*	<u> </u>	Modular Large Volume Tanks	<u> </u>
Pump Jacks	<u>1</u>	Separators*	<u>1</u>	Injection Pumps*	<u> </u>	Cavity Pumps*	<u> </u>	Gas Compressors*	<u> </u>
Gas or Diesel Motors*	<u>1</u>	Electric Motors	<u> </u>	Electric Generators*	<u>1</u>	Fuel Tanks*	<u> </u>	LACT Unit*	<u> </u>
Dehydrator Units*	<u> </u>	Vapor Recovery Unit*	<u> </u>	VOC Combustor*	<u> </u>	Flare*	<u> </u>	Pigging Station*	<u> </u>

OTHER FACILITIES*

Other Facility Type

Number

<u>Other Facility Type</u>	<u>Number</u>

Those facilities indicated by an asterisk () shall be used to determine the distance from the Production Facility to the nearest cultural feature on the Cultural Setbacks Tab.

Per Rule 303.b.(3)C, description of all oil, gas, and/or water pipelines:

2-3" buried steel line from casing to separator
2-3" buried steel line from wellhead to separator
2-3" buried steel line from separator to oil tank
2-3" buried steel line from separator to water tank

CONSTRUCTION

Date planned to commence construction: 09/25/2015 Size of disturbed area during construction in acres: 1.89

Estimated date that interim reclamation will begin: 04/15/2016 Size of location after interim reclamation in acres: 0.94

Estimated post-construction ground elevation: 5960

DRILLING PROGRAM

Will a closed loop system be used for drilling fluids: No

Is H₂S anticipated? No

Will salt sections be encountered during drilling: No

Will salt based mud (>15,000 ppm Cl) be used? No

Will oil based drilling fluids be used? No

DRILLING WASTE MANAGEMENT PROGRAM

Drilling Fluids Disposal: ONSITE Drilling Fluids Disposal Method: Evaporation

Cutting Disposal: ONSITE Cuttings Disposal Method: Drilling pit

Other Disposal Description:

Pit will be lined with liner

Beneficial reuse or land application plan submitted? No

Reuse Facility ID: _____ or Document Number: _____

Centralized E&P Waste Management Facility ID, if applicable: _____

SURFACE & MINERALS & RIGHT TO CONSTRUCT

Name: Jack Wojdyla

Phone: _____

Address: 1697 Gold Camp Road

Fax: _____

Address: _____

Email: _____

City: Colorado Springs State: CO Zip: 80906

Surface Owner: Fee State Federal Indian

Check all that apply. The Surface Owner: is the mineral owner
 is committed to an oil and Gas Lease
 has signed the Oil and Gas Lease
 is the applicant

The Mineral Owner beneath this Oil and Gas Location is: Fee State Federal Indian

The Minerals beneath this Oil and Gas Location will be developed from or produced to this Oil and Gas Location: Yes

The right to construct this Oil and Gas Location is granted by: Bond

Surface damage assurance if no agreement is in place: Blanket Surface Surety ID: 20140022

Date of Rule 306 surface owner consultation 11/11/2014

CURRENT AND FUTURE LAND USE

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

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

CULTURAL DISTANCE INFORMATION

Provide the distance to the nearest cultural feature as measured from Wells or Production Facilities onsite.

	From WELL	From PRODUCTION FACILITY
Building:	1010 Feet	1010 Feet
Building Unit:	2105 Feet	2105 Feet
High Occupancy Building Unit:	5280 Feet	5280 Feet
Designated Outside Activity Area:	5280 Feet	5280 Feet
Public Road:	281 Feet	281 Feet
Above Ground Utility:	5280 Feet	5280 Feet
Railroad:	5280 Feet	5280 Feet
Property Line:	301 Feet	301 Feet

INSTRUCTIONS:

- All measurements shall be provided from center of nearest Well or edge of nearest Production Facility to nearest of each cultural feature as described in Rule 303.b.(3)A.
- Enter 5280 for distance greater than 1 mile.
- Building - nearest building of any type. If nearest Building is a Building Unit, enter same distance for both.
- Building Unit, High Occupancy Building Unit, and Designated Outside Activity Area - as defined in 100-Series Rules.
- For measurement purposes only, Production Facilities should only include those items with an asterisk(*) on the Facilities Tab.

DESIGNATED SETBACK LOCATION INFORMATION

Check all that apply. This location is within a: Buffer Zone Exception Zone Urban Mitigation Area

- Buffer Zone - as described in Rule 604.a.(2), within 1,000' of a Building Unit.
- Exception Zone - as described in Rule 604.a.(1), within 500' of a Building Unit.
- Urban Mitigation Area - as defined in 100-Series Rules.

Pre-application Notifications (required if location is within 1,000 feet of a building unit):

Date of Rule 305.a.(1) Urban Mitigation Area Notification to Local Government: _____
 Date of Rule 305.a.(2) Buffer Zone Notification to Building Unit Owners: _____

FOR MULTI-WELL PADS AND PRODUCTION FACILITIES WITHIN DESIGNATED SETBACK LOCATIONS ONLY:

- Check this box if this Oil and Gas Location has or will have Production Facilities that serve multiple wells (on or offsite) and the Production Facilities are proposed to be located less than 1,000 feet from a Building Unit. *(Pursuant to Rule 604.c.(2)E.i., the operator must evaluate alternative locations for the Production Facilities that are farther from the Building Unit, and determine whether those alternative locations were technically feasible and economically practicable for the same proposed development.)*
- By checking this box, I certify that no alternative placements for the Production Facilities, farther from the nearest Building Unit, were available based on the analysis conducted pursuant to Rule 604.c.(2)E.i.

In the space below, explain rationale for siting the multi-well Production Facility(ies) that supports your Rule 604.c.(2)E.i determination. Attach documentation that supports your determination to this Form 2A.

SOIL

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.org/> 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: Arents, 10 to 45 percent slopes. Unit symbol:5
 NRCS Map Unit Name: Ustic Torriorthens-Sedillo complex, 15 to 40 percent slopes. Unit symbol:121
 NRCS Map Unit Name: Wages loam, 2 to 9 percent slopes. Unit symbol:122

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: 06/01/2015

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):

WATER RESOURCES

Is this a sensitive area: No Yes

Distance to nearest

downgradient surface water feature: 440 Feet

water well: 650 Feet

Estimated depth to ground water at Oil and Gas Location 150 Feet

Basis for depth to groundwater and sensitive area determination:

Downgradient surface water feature is an intermittent stream. Closest water well is permit #248878. The water permit and facility ID numbers will be submitted through sundry notice as was discussed before.

Is the location in a riparian area: No Yes

Was an Army Corps of Engineers Section 404 permit filed No Yes If yes attach permit.

Is the location within a Rule 317B Surface Water Supply Area buffer No 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

Is the Location within a Floodplain? No Yes Floodplain Data Sources Reviewed (check all that apply)

Federal (FEMA)

State

County

Local

Other

GROUNDWATER BASELINE SAMPLING AND MONITORING AND WATER WELL SAMPLING

Water well sampling required per Rule 609

DESIGNATED SETBACK LOCATION EXCEPTIONS

Check all that apply:

- Rule 604.a.(1)A. Exception Zone (within 500' of Building Unit)
- Rule 604.b.(1)A. Exception Location (existing or approved Oil & Gas Location now within a Designated Setback as a result of Rule 604.a.)
- Rule 604.b.(1)B. Exception Location (existing or approved Oil & Gas Location is within a Designated Setback due to Building Unit construction after Location approval)
- Rule 604.b.(2) Exception Location (SUA or site-specific development plan executed on or before August 1, 2013)
- Rule 604.b.(3) Exception Location (Building Units constructed after August 1, 2013 within setback per an SUA or site-specific development plan)

RULE 502.b VARIANCE REQUEST

- Rule 502.b. Variance Request from COGCC Rule or Spacing Order Number _____

ALL exceptions and variances require attached Request Letter(s). Refer to applicable rule for additional required attachments (e.g. waivers, certifications, SUAs).

OPERATOR COMMENTS AND SUBMITTAL

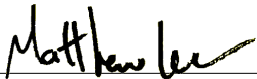
Comments The coordinates and footages at surface are referenced for the well C-18#2.
Thank you

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

Signed: _____ Date: 06/12/2015 Email: hcorapcioglu@austinexploration.com

Print Name: Hakan Corapcioglu Title: Chief Engineer, 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: 9/18/2015

Conditions Of Approval

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.

COA Type	Description
	Operator shall line the cuttings trench with an impermeable liner. Upon verification that drilling waste meets Table 910-1 standards and prior to backfill and burial of the drilling waste, the liner shall be removed and disposed offsite.
	Unnecessary or excessive flaring is prohibited. Operator shall direct all salable quantity gas to a sales line as soon as practicable or shut in and conserved.
	Operator shall provide notice to COGCC 48 hours prior to commencing construction of this Oil and Gas Location via Form 42.
	The moisture content of the drill cuttings managed onsite shall be kept as low as practicable to prevent accumulation of liquids greater than de minimis amounts. Mixing, management or stockpiling of cuttings prior to disposal in the drilling pit shall be conducted on an impermeable surface with perimeter berming. Drill cuttings disposed of onsite shall meet the applicable standards of Table 910-1. A minimum of 1 discrete soil sample shall be collected for every 100-cubic-yards of cuttings to be disposed of within the drilling pit. Analytical results shall be submitted to the COGCC within 30 days. Operator shall submit the coordinates of the drilling pit (SE corner) within 30 days from closure. Cuttings that do not meet 910-1 standards within 45 days of drilling well to depth shall be disposed of at an offsite commercial facility.
	Per CPW Consultation, reclamation activities will be conducted in accordance with the stipulations provided by the Colorado Division of Parks and Wildlife. Per CPWs review and consultation, all surface disturbance activities including interim reclamation shall be conducted outside the period of December 1 to April 15 in order to protect sensitive elk winter concentration area.

Best Management Practices

No	BMP/COA Type	Description
1	General Housekeeping	Materials and fluids will be stored neat and orderly. Wastes will be temporarily stored in sealed containers and regularly collected and disposed of at offsite, suitable facilities. Prompt cleanup of spills will be required to minimize any commingling of waste materials with stormwater runoff. Routine maintenance will be limited to fueling and lubrication of equipment. Drip pans will be used during routine fueling and maintenance to contain spills or leaks. Any waste product from maintenance will be containerized and transported offsite for disposal or recycling. There will be no major equipment overhauls conducted onsite. Cleanup will consist of patrolling the roadways, access areas, and other work areas to pick up trash, scrap debris, other discarded materials, and any contaminated soil. These materials will be disposed of properly.
2	Storm Water/Erosion Control	A berm and containment plan and site will be ready to make sure the closest water stream 440' away is not reached. This plan will include, using steel ring berms keyed into a synthetic liner around production facilities and additional BMP's will include tertiary containment along the cross and down gradient parameters of the location
3	Dust control	Aus-Tex will apply appropriate measures to ensure dust control and mitigate potential impacts resulting from dust emissions.

Total: 3 comment(s)

Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
1009942	WASTE MANAGEMENT PLAN
400852031	FORM 2A SUBMITTED
400852949	HYDROLOGY MAP
400853247	ACCESS ROAD MAP
400853249	LOCATION PICTURES
400853250	NRCS MAP UNIT DESC
400853251	REFERENCE AREA MAP
400853252	REFERENCE AREA PICTURES
400853253	WELL LOCATION PLAT
400853864	LOCATION DRAWING
400853865	CONST. LAYOUT DRAWINGS

Total Attach: 11 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Final Review Completed. No LGD or public comment received.	9/18/2015 4:27:13 PM
OGLA	Uploaded revised Waste Management Plan	9/15/2015 4:18:27 PM
OGLA	Added "1 Drilling Pit" to the facilities list. Removed "Cuttings Pit" from the "Other Facilities" Changed Cuttings Disposal Method to "Drilling Pit"	9/4/2015 9:35:06 AM
DOW	A wildlife consult was triggered for the Pathfinder C-18 #2 as oil and gas facilities will be located in sensitive elk winter concentration area. Oil and gas facilities for the Pathfinder C-18 #2 will be located in the NW4NE4 of Section 18, T20S, R69W, Fremont County. CPW staff has discussed the proposed activities and has communicated directly with the applicant (Aus-Tex Exploration Inc) by telephone on June 17, July 14, and July 21, 2015. CPWs review and consultation have resulted in a recommendation that all surface disturbance activities including interim reclamation be conducted outside the period of December 1 to April 15 in order to protect sensitive elk winter concentration area. If the applicant elects to submit a sundry notice or revised application to COGCC, we recommend such notice or application indicate that all surface disturbance activities including interim reclamation will be conducted after April 15 and prior to December 1.	7/27/2015 4:29:28 PM
OGLA	Per Operator, changed Estimated Date of Construction to 09/25/2015	7/23/2015 10:23:32 AM
Permit	Passed completeness.	6/16/2015 11:31:24 AM
Permit	Returned to draft. 1.) The specific well name was not included in the Submit tab comment section for provided coordinates. 2.) Location Drawing attachment is missing.	6/15/2015 2:34:30 PM
Permit	Returned to draft per operator request so that operator can make additional revisions.	6/12/2015 4:08:25 PM
Permit	Returned to draft. 1.) Please combine files into a single attachment for the following attachments: Location Drawing, Location Pictures, Construction Layout Drawing, Reference Area Pictures, and NRCS. 2.) Please indicate the well that the coordinates and footages at surface are referenced from. 3.) Date planned to commence construction should be at least a month from the date the Form was submitted. 4.) Please add the Map Unit Symbol to the NRCS Map Unit Name located in the Soil & Plant Community tab. 5.) Access Road Map attachment should show a zoomed in view to show the transition from the highway onto the proposed access road. 6.) Oils tanks seem to be missing from the Facility Layout Drawing attachment.	6/12/2015 2:24:01 PM

Total: 9 comment(s)