

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:

400641606

Date Received:

08/05/2014

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:

439367

Expiration Date:

10/18/2017

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: Kaulin Waldner
Phone: (303) 437-0082
Fax: ()
email: kaulin.waldner@dewpointwest.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: #8

County: FREMONT

Quarter: NWNE Section: 18 Township: 20S Range: 69W Meridian: 6 Ground Elevation: 5797

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: 404 feet FNL from North or South section line

2284 feet FEL from East or West section line

Latitude: 38.314773 Longitude: -105.150555

PDOP Reading: 2.2 Date of Measurement: 05/06/2014

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>	Temporary Large Volume Above Ground Tanks	<u> </u>
Pump Jacks	<u>1</u>	Separators	<u>1</u>	Injection Pumps	<u> </u>	Cavity Pumps	<u> </u>		
Gas or Diesel Motors	<u>1</u>	Electric Motors	<u> </u>	Electric Generators	<u>1</u>	Fuel Tanks	<u> </u>	Gas Compressors	<u> </u>
Dehydrator Units	<u> </u>	Vapor Recovery Unit	<u> </u>	VOC Combustor	<u> </u>	Flare	<u>1</u>	LACT Unit	<u> </u>
								Pigging Station	<u> </u>

OTHER FACILITIES

Other Facility Type

Number

Cuttings Pit

1

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
2-3" buried steel line from separator to ECD burner

CONSTRUCTION

Date planned to commence construction: 08/25/2014 Size of disturbed area during construction in acres: 1.74

Estimated date that interim reclamation will begin: 02/25/2015 Size of location after interim reclamation in acres: 1.50

Estimated post-construction ground elevation: 5795

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:

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: Chandler Creek CO

Phone: _____

Address: PO Box 370286

Fax: _____

Address: _____

Email: _____

City: Denver State: CO Zip: 80237

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 07/28/2014

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

Distance to nearest:

Building: 1317 Feet
Building Unit: 2940 Feet
High Occupancy Building Unit: 5280 Feet
Designated Outside Activity Area: 5280 Feet
Public Road: 431 Feet
Above Ground Utility: 5280 Feet
Railroad: 5280 Feet
Property Line: 456 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.

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: _____

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 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
NRCS Map Unit Name: _____
NRCS Map Unit Name: _____

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: 07/15/2014
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: 299 Feet

water well: 1113 Feet

Estimated depth to ground water at Oil and Gas Location 90 Feet

Basis for depth to groundwater and sensitive area determination:

Downgradient surface water feature is an intermittent stream. Closest water well is permit #248878--. Closest active water well is permit #198416-- with a static water level of 90ft. Several water wells surrounding the proposed location have estimated static water levels recorded between 60- 150 feet bgs located at similar elevations. Therefore, the estimated DTGW is listed at 90 feet.

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: _____

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

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

Signed: _____ Date: 08/05/2014 Email: kaulin.waldner@dewpointwest.com

Print Name: Kaulin Waldner Title: 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: 10/19/2014

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.

<u>COA Type</u>	<u>Description</u>
	The moisture content of 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 drilling pit shall be conducted on an impermeable area 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 each 100 cubic yards of cuttings to be emplaced in the drilling pit. Analytical results shall be submitted to COGCC within 30 days. Operator shall provide GPS coordinates of drilling pit (SE corner) within 30 days of closure.
	Operator shall submit a Form 42 to the COGCC 48 hours prior to commencement of construction activities.
	Operator shall submit revised Location Drawing showing the nearest Building Unit prior to commencement of construction activities.

Best Management Practices

<u>No</u>	<u>BMP/COA Type</u>	<u>Description</u>
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	Dust control	Aus-Tex will apply appropriate measures to ensure dust control and mitigate potential impacts resulting from dust emissions.
3	Drilling/Completion Operations	Aus-Tex will ensure compliance with Rule 318e (Wells located near a mine).

Total: 3 comment(s)

Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
1009693	Waste Management Plan
400641606	FORM 2A SUBMITTED
400656852	HYDROLOGY MAP
400656870	ACCESS ROAD MAP
400656876	LOCATION DRAWING
400656883	LOCATION PICTURES
400656885	CONST. LAYOUT DRAWINGS
400656886	REFERENCE AREA PICTURES
400656889	REFERENCE AREA MAP
400656891	NRCS MAP UNIT DESC
400656892	OTHER
400656897	OTHER

Total Attach: 12 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Final review completed; no public comment received.	10/17/2014 1:46:49 PM
OGLA	Added 1 Drilling Pit to the Form per Operator request on 10/14/2014 Changed Cuttings Trench to Drilling Pit per Operator request on 10/14/2014	10/14/2014 10:28:50 AM
OGLA	Changed the distance to nearest Building to 2940 feet based on the COGIS and Google Maps. Need new Location Drawing.	9/25/2014 5:47:30 PM
LGD	The Fremont County Department of Transportation has requirements for Driveway Access Permits and Transportation Plans. For more information contact Annette.ortega@fremontco.com, or Anthony Adamic at tony.adamic@fremontco.com, both at 719-275-2047. Additional requirements for Special Mobile Machinery and instructions on obtaining a property address are available from Ronald Zenisky or Robert Sapp (ronald.zenisky@fremontco.com, robert.sapp@fremontco.com), both at 719-276-7630. For requirements regarding weed management, contact Ms. Jana Gregg, Weed Management Director (jana.gregg@fremontco.com or 719-276-7317). Also contact Ms. Seema Garoutte at the Fremont County Assessor's Office (seema.garoutte@fremontco.com or 719-276-2311).	3/7/2014 4:35:39 PM
Permit	Passed Completeness	3/7/2014 1:46:27 PM

Total: 5 comment(s)