

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:

400626471

Date Received:

06/18/2014

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:

Expiration Date:

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: 74290

Name: RETAMCO OPERATING INC

Address: PO BOX 790

City: RED LODGE State: MT Zip: 59068

Contact Information

Name: RHONDA TIGNER

Phone: (307) 4312291

Fax: (307) 3474276

email: greenacres@rtconnect.net

RECLAMATION FINANCIAL ASSURANCE

Plugging and Abandonment Bond Surety ID: _____

Gas Facility Surety ID: _____

Waste Management Surety ID: _____

LOCATION IDENTIFICATION

Name: Retamco Federal

Number: 3-104-26-9

County: RIO BLANCO

Quarter: NESE Section: 26 Township: 3N Range: 104W Meridian: 6 Ground Elevation: 5817

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: 1866 feet FSL from North or South section line

811 feet FEL from East or West section line

Latitude: 40.198750 Longitude: -109.030090

PDOP Reading: 0.9 Date of Measurement: 04/29/2014

Instrument Operator's Name: NEIL HILLS

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> </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> </u>	Electric Motors	<u> </u>	Electric Generators	<u> </u>	Fuel Tanks	<u> </u>	Gas Compressors	<u> </u>
Dehydrator Units	<u> </u>	Vapor Recovery Unit	<u> </u>	VOC Combustor	<u> </u>	Flare	<u> </u>	LACT Unit	<u> </u>
								Pigging Station	<u> </u>

OTHER FACILITIES

Other Facility Type

Number

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

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

TWO - 300 BBL OIL TANKS
PROPOSED GAS METER RUN
DUE TO LOW FORMATION PRESSURE IN THE MANCOS 'B', GAS PRODUCTION IS NOT LIKELY THEREFORE A PIPELINE IS UNLIKELY.

CONSTRUCTION

Date planned to commence construction: 08/15/2014 Size of disturbed area during construction in acres: 3.04

Estimated date that interim reclamation will begin: 05/01/2015 Size of location after interim reclamation in acres: 1.00

Estimated post-construction ground elevation: 5815

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:

Once fluids are gone from the pit and cuttings are dry, pit will be backfilled with existing top soil/spoil piles that exist on location from construction. A Form 15 "New Pit Permit" will not be required as no oil based drilling fluids will be used.

Beneficial reuse or land application plan submitted?

Reuse Facility ID: or Document Number:

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

SURFACE & MINERALS & RIGHT TO CONSTRUCT

Name: James & Jenna Gates

Phone: 970-374-2008

Address: PO Box 979

Fax: _____

Address: _____

Email: _____

City: Dinosaur State: CO Zip: 81610

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: Surface Use Agreement

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

Date of Rule 306 surface owner consultation _____

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: 5280 Feet
Building Unit: 5280 Feet
High Occupancy Building Unit: 5280 Feet
Designated Outside Activity Area: 5280 Feet
Public Road: 5280 Feet
Above Ground Utility: 3082 Feet
Railroad: 5280 Feet
Property Line: 500 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: 19: Chipeta-Walknolls complex, 5-15% slopes
NRCS Map Unit Name: 123: Tabyago-Cedarknolls association, 2-8% slopes
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: 05/15/2014
List individual species: Wyoming Sagebrush / RABR (low density) / Cheatgrass dominates test site and adjacent areas

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: 820 Feet

water well: 11676 Feet

Estimated depth to ground water at Oil and Gas Location 98 Feet

Basis for depth to groundwater and sensitive area determination:

Permitted water well located in the NWSW Sec. 29-3N-103W; Permit #32265-F is the closest water well source to our proposed location.
Northing (UTMy): 4457334.2 / Easting (UTM x): 160494.0

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

1. Designation of Federal Unit #COC76572X "North Rangely Unit" was approved on 06/13/14. At the time the Federal APD was submitted the unit was being requested and reviewed by the Colorado State BLM office and has since been approved.
2. Drilling fluids & cuttings will be disposed of on-site in the proposed pit. The fluids will be evaporated and once the fluids are gone and cuttings are dry, the pit liner will be removed and the cuttings will be backfilled with topsoil and spoil dirt currently stored on location from construction. No new pit permit (Form #15) will be required as no oil based drilling fluids will be used during drilling operations and the pit will not be used for production.
3. The well will be completed open hole from 2000' to TD of 3700'. If the electric logs indicate the Niobrara is productive, casing will be ran 35' below the Niobrara formation and completed. If found non-productive a cement plug will be set @ 2500' and the Mancos B will be completed with production casing set 50' below the Mancos B per log evaluation @ 2000' +/-.

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

Signed: _____ Date: 06/18/2014 Email: greenacres@rtconnect.net

Print Name: RHONDA TIGNER Title: Permit 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: _____

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.

Best Management Practices

No BMP/COA Type

Description

1	General Housekeeping	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	STORMWATER MANAGEMENT PLANS (SWMP) WILL BE IN PLACE TO ADDRESS CONSTRUCTION, DRILLING AND OPERATIONS ASSOCIATED WITH OIL AND GAS DEVELOPMENT THROUGHOUT THE STATE OF COLORADO IN ACCORDANCE WITH COLORADO DEPARTMENT OF PUBLIC HEALTH (CDPHE). BMPS WILL BE CONSTRUCTED AROUND THE PERIMETER OF THE SITE PRIOR TO OR AT THE BEGINNING OF CONSTRUCTION. BMPS USED WILL VARY ACCORDING TO THE LOCATION AND WILL REMAIN IN PLACE UNTIL THE PAD REACHES FINAL RECLAMATION.
3	Construction	TWO CATTLE GUARDS WILL BE PLACED TO PREVENT LIVESTOCK FROM ENTERING ONTO HIGHWAY 64 AND ONTO LOCATION. THE LOCATION WILL BE FENCED TO KEEP LIVESTOCK OFF LOCATION AND TO BETTER ENHANCE RECLAMATION ONCE INITIAL SEEDING TAKES PLACE. FIVE CULVERTS WILL BE PLACED ALONG EXISITING ACCESS ROAD AND UPGRADES WILL BE MADE TO ROADWAYS WHERE NECESSARY AND AGREED UPON BETWEEN SURFACE OWNER AND OPERATOR. DIVERSION DITCHES WILL BE CONSTRUCTED AS NECESSARY TO HELP DIVERT WATER AWAY FROM WELLPAD AND SOIL STOCKPILES.
4	Interim Reclamation	SEED MIX USED WILL BE APPROVED BY SURFACE OWNER AND BLM WILL PROVIDE ITS RECOMMENDATION PRIOR TO RE-SEEDING. INTERIM CONSTRUCTION WILL BEGIN WITHIN ONE YEAR FOLLOWING DRILLING/COMPLETION OF WELL; AS WEATHER PERMITS. SURFACE OWNER WILL APPROVE COLORS USED TO PAINT PRODUCTION FACILITIES AND BLM WILL PROVIDE ITS RECOMMENDATIONS FOR WHAT IS BEING USED IN THE AREA.

Total: 4 comment(s)

Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
400626471	FORM 2A SUBMITTED
400626591	NRCS MAP UNIT DESC
400626616	CONST. LAYOUT DRAWINGS
400626631	SURFACE OWNER CONSENT
400627958	SURFACE PLAN
400627983	ACCESS ROAD MAP
400628600	MINERAL LEASE MAP
400628603	REFERENCE AREA MAP
400628610	REFERENCE AREA PICTURES
400628624	TOPO MAP
400628793	HYDROLOGY MAP
400629906	LOCATION PICTURES
400630092	LOCATION DRAWING

Total Attach: 13 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Return to draft: 1. Water well sampling rule blank 2. Location drawing attachment missing 3. Location pictures attachment missing	6/19/2014 12:52:16 PM

Total: 1 comment(s)