

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:

400748712

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Date Received:

02/18/2015

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:

444342

Expiration Date:

12/16/2018

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: 27742
Name: EOG RESOURCES INC
Address: 600 17TH ST STE 1100N
City: DENVER State: CO Zip: 80202

Contact Information

Name: Mickenzie Larsen
Phone: (435) 781-9145
Fax: (435) 789-7633
email: mickenzie_larsen@eogresources.com

RECLAMATION FINANCIAL ASSURANCE

Plugging and Abandonment Bond Surety ID: 20030058 Gas Facility Surety ID: _____

Waste Management Surety ID: _____

LOCATION IDENTIFICATION

Name: Fox Creek Number: 34 NENE

County: WELD

Quarter: NENE Section: 34 Township: 12N Range: 63W Meridian: 6 Ground Elevation: 5353

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: 310 feet FNL from North or South section line

772 feet FEL from East or West section line

Latitude: 40.972283 Longitude: -104.412222

PDOP Reading: 1.6 Date of Measurement: 11/05/2014

Instrument Operator's Name: Troy Beasley

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>6</u>	Oil Tanks*	<u>12</u>	Condensate Tanks*	<u>0</u>	Water Tanks*	<u>4</u>	Buried Produced Water Vaults*	<u>0</u>
Drilling Pits	<u>0</u>	Production Pits*	<u>0</u>	Special Purpose Pits	<u>0</u>	Multi-Well Pits*	<u>0</u>	Modular Large Volume Tanks	<u>0</u>
Pump Jacks	<u>6</u>	Separators*	<u>6</u>	Injection Pumps*	<u>0</u>	Cavity Pumps*	<u>0</u>	Gas Compressors*	<u>0</u>
Gas or Diesel Motors*	<u>0</u>	Electric Motors	<u>1</u>	Electric Generators*	<u>10</u>	Fuel Tanks*	<u>1</u>	LACT Unit*	<u>2</u>
Dehydrator Units*	<u>0</u>	Vapor Recovery Unit*	<u>0</u>	VOC Combustor*	<u>4</u>	Flare*	<u>1</u>	Pigging Station*	<u>0</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:

EOG typically installs 3" buried welded steel line from the well head to the treater. From the treater to the tanks, EOG typically installs 1-3" welded steel oil line, and 1-3" buried welded water line. Additionally, EOG typically installs 1-3" gas line moving the gas off pad to sales.

CONSTRUCTION

Date planned to commence construction: 10/01/2015 Size of disturbed area during construction in acres: 7.84

Estimated date that interim reclamation will begin: 01/01/2016 Size of location after interim reclamation in acres: 3.69

Estimated post-construction ground elevation: 5352

DRILLING PROGRAM

Will a closed loop system be used for drilling fluids: Yes

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? Yes

DRILLING WASTE MANAGEMENT PROGRAM

Drilling Fluids Disposal: OFFSITE Drilling Fluids Disposal Method: Commercial Disposal

Cutting Disposal: OFFSITE Cuttings Disposal Method: Commercial Disposal

Other Disposal Description:

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: Peters 313 Ranch, Inc.

Phone: 970-649-2252

Address: PO Box M

Fax: _____

Address: _____

Email: _____

City: Carpenter State: WY Zip: 82054

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

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

	From WELL	From PRODUCTION FACILITY
Building:	1733 Feet	1480 Feet
Building Unit:	1984 Feet	1728 Feet
High Occupancy Building Unit:	5280 Feet	5280 Feet
Designated Outside Activity Area:	5280 Feet	5280 Feet
Public Road:	1169 Feet	1048 Feet
Above Ground Utility:	311 Feet	212 Feet
Railroad:	5280 Feet	5280 Feet
Property Line:	834 Feet	578 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: 4 - Ascalon fine sandy loam, 0 to 6 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: _____

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: 480 Feet

water well: 2642 Feet

Estimated depth to ground water at Oil and Gas Location 30 Feet

Basis for depth to groundwater and sensitive area determination:

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: _____

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 This well does not require a variance from any of the rules listed Rule 306.d.(1).(A).(ii). This location is not within a wildlife Restricted Occupancy Area.

I hereby certify that the statements made in this form are, to the best of my knowledge, true, correct and complete.
 Signed: _____ Date: 02/18/2015 Email: mickenzie_larsen@eogresources.com
 Print Name: Mickenzie Larsen Title: Regulatory Administrator

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: Matthew Lee Director of COGCC Date: 12/17/2015

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.

<u>COA Type</u>	<u>Description</u>
	Unnecessary or excessive flaring is prohibited. Operator shall direct all salable quality gas to a sales line as soon as practicable or be 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.

Best Management Practices

<u>No BMP/COA Type</u>	<u>Description</u>

Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
2238517	MULTI-WELL PLAN
2477669	CORRESPONDENCE
400748712	FORM 2A RESUBMITTED
400849311	FORM 2A REJECTED
400851301	ACCESS ROAD MAP
400851303	CONST. LAYOUT DRAWINGS
400851304	FACILITY LAYOUT DRAWING
400851305	HYDROLOGY MAP
400851306	LOCATION DRAWING
400851307	LOCATION PICTURES
400851309	REFERENCE AREA MAP
400851310	REFERENCE AREA PICTURES
400851312	NRCS MAP UNIT DESC
400852885	SURFACE AGRMT/SURETY
400852887	FORM 2A SUBMITTED

Total Attach: 15 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Final Review Completed.	12/17/2015 12:49:23 PM
Permit	Received revised multi-well plan from operator.	10/27/2015 1:26:34 PM
Permit	In Process - associated APD's re-submitted.	9/30/2015 9:15:04 AM
Permit	On hold - associated APD's were rejected.	8/21/2015 1:48:05 PM
OGLA	IN PROCESS - Operator provided revised Cultural distances to the nearest Public Road and requested that the location name be changed to Fox Creek 34 NENE. No Public Comments. OGLA task passed.	8/18/2015 2:50:34 PM
OGLA	Operator did respond with confirmation on the number of oil tanks. Still waiting on revised distances to the nearest Public Road.	3/3/2015 9:12:12 AM
OGLA	Sent follow-up email to Operator requesting they reply to my June 23, 2015 email in 10 days or I will begin the process to Withdraw the Form 2A. Response due by 8/3/15.	7/24/2015 8:39:49 AM
OGLA	ON HOLD - Operator to confirm the number of oil tanks and revise the Cultural Distances to the nearest Public Road. Due by 7/23/15.	6/23/2015 11:30:41 AM
Permit	Passed completeness.	6/16/2015 11:52:38 AM
Permit	This 2A is being rejected according to COGCC rejection criteria. The Multi-Well Plan, Location Drawing, Construction Layout Drawing, and the Facility Layout Drawing attachments that need replaced or removed. Discussion with COGCC staff resulted in their concurrence with rejection of this Form 2A Discussion with EOG regulatory staff resulted in their concurrence with rejection of this Form 2A per COGCC rejection policy.	6/4/2015 10:48:40 AM
OGLA	No Public Comments. OGLA task passed.	3/12/2015 8:43:44 AM
OGLA	OGLA review complete. Waiting on Public Comment period.	3/3/2015 11:37:05 AM
Permit	Passed completeness.	2/19/2015 2:49:37 PM

Total: 13 comment(s)