

FORM  
2A  
Rev  
04/01

State of Colorado  
Oil and Gas Conservation Commission  
1120 Lincoln Street, Suite 801, Denver, Colorado 80205 Phone: (303) 894-2100 Fax: (303) 894-2109



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Document Number:  
400129080

### Oil and Gas Location Assessment

New Location       Amend Existing Location      Location#: 331250

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:  
**331250**  
Expiration Date:  
**05/24/2014**

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: 8960  
Name: BONANZA CREEK ENERGY OPERATING COMPANY LLC  
Address: P O BOX 21974  
City: BAKERSFIELD State: CA Zip: 93390

#### 3. Contact Information

Name: Keith Caplan ext. 203  
Phone: (720) 279-2330  
Fax: (720) 279-2331  
email: KCaplan@bonanzacrck.com

#### 4. Location Identification:

Name: Wetco Farms Number: I-4  
County: WELD  
QuarterQuarter: NESW Section: 4 Township: 4N Range: 63W Meridian: 6 Ground Elevation: 4605  
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: 1575 feet FSL, from North or South section line, and 2577 feet FWL, from East or West section line.  
Latitude: 40.338140 Longitude: -104.443250 PDOP Reading: 2.2 Date of Measurement: 01/14/2011  
Instrument Operator's Name: Dan R. Griggs

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

Special Purpose Pits:       Drilling Pits:       Wells:  2      Production Pits:       Dehydrator Units:   
Condensate Tanks:       Water Tanks:       Separators:       Electric Motors:       Multi-Well Pits:   
Gas or Diesel Motors:       Cavity Pumps:       LACT Unit:       Pump Jacks:       Pigging Station:   
Electric Generators:       Gas Pipeline:       Oil Pipeline:       Water Pipeline:       Flare:   
Gas Compressors:       VOC Combustor:       Oil Tanks:       Fuel Tanks:   
Other: 1 new well. 2-three phase flowlines to Tank Battery 148' South.

6. Construction:

Date planned to commence construction: 05/24/2011 Size of disturbed area during construction in acres: 0.90
Estimated date that interim reclamation will begin: 12/23/2011 Size of location after interim reclamation in acres: 0.30
Estimated post-construction ground elevation: 4605 Will a closed loop system be used for drilling fluids: Yes [X]
Will salt sections be encountered during drilling: Yes [ ] No [X] Is H2S anticipated? Yes [ ] No [X]
Will salt (>15,000 ppm TDS Cl) or oil based muds be used: Yes [ ] No [X]
Mud disposal: Offsite [X] Onsite [ ] Method: Land Farming [ ] Land Spreading [X] Disposal Facility [ ]
Other: \_\_\_\_\_

7. Surface Owner:

Name: \_\_\_\_\_ Phone: \_\_\_\_\_
Address: \_\_\_\_\_ Fax: \_\_\_\_\_
Address: \_\_\_\_\_ Email: \_\_\_\_\_
City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ Date of Rule 306 surface owner consultation: 01/14/2011
Surface Owner: [X] Fee [ ] State [ ] Federal [ ] Indian
Mineral Owner: [X] 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 [X] Blanket Surety ID 20070001

8. Reclamation Financial Assurance:

[ ] Well Surety ID: 20070004 [ ] Gas Facility Surety ID: \_\_\_\_\_ [ ] Waste Mgnt. Surety ID: \_\_\_\_\_

9. Cultural:

Is the location in a high density area (Rule 603.b.): Yes [ ] No [X]
Distance, in feet, to nearest building: 1075 , public road: 234 , above ground utilit: 174
, railroad: 5280 , property line: 482

10. Current Land Use (Check all that apply):

Crop Land: [ ] Irrigated [ ] Dry land [ ] Improved Pasture [ ] Hay Meadow [ ] CRP
Non-Crop Land: [X] 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: [X] 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 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: Voan loamy sand, 0-3% slopes (72)

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: \_\_\_\_\_

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: 780, water well: 645, depth to ground water: 120

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 Suppl 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:

Distance to nearest railroad is greater than 1 mile. Reclamation reference area is located on undisturbed ground immediately adjacent to location to the east, as depicted in the stake location picture facing east. Bonding on for now, until an updated SUA is executed.

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

Signed: \_\_\_\_\_ Date: 05/02/2011 Email: KCaplan@bonanzacrk.com

Print Name: Keith Caplan Title: Sr. Operations Tech.

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: \_\_\_\_\_

*David S. Neslin*

Director of COGCC

Date: 5/25/2011

**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.**

**Attachment Check List**

Att Doc Num	Name
400129080	FORM 2A SUBMITTED
400129120	LOCATION DRAWING
400129121	HYDROLOGY MAP
400129122	NRCS MAP UNIT DESC
400129123	LOCATION PICTURES
400129124	LOCATION PICTURES
400129136	ACCESS ROAD MAP
400129141	MULTI-WELL PLAN

Total Attach: 8 Files

**General Comments**

<b><u>User Group</u></b>	<b><u>Comment</u></b>	<b><u>Comment Date</u></b>
OGLA	OK to pass.	5/9/2011 3:49:21 PM
Permit	APD passed completeness with a rig height COA.	5/4/2011 8:39:08 AM
Permit	Waiting for the form 2 to pass completeness.	5/4/2011 7:48:08 AM
Permit	Pad is 174 feet from power line. A rig height COA will be added to the form 2 APD	5/4/2011 7:46:34 AM

Total: 4 comment(s)

**BMP**

<b><u>Type</u></b>	<b><u>Comment</u></b>

Total: 0 comment(s)