

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



DE	ET	OE	ES
----	----	----	----

Document Number:  
400055906

Oil and Gas Location Assessment

New Location  Amend Existing Location Location#: 413830

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 stand alone 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:  
**413830**  
Expiration Date:  
**06/26/2013**

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: 10071  
Name: BARRETT CORPORATION\* BILL  
Address: 1099 18TH ST STE 2300  
City: DENVER State: CO Zip: 80202

3. Contact Information

Name: ELAINE WINICK  
Phone: (303) 312-8168  
Fax: (303) 291-0420  
email: ewinick@billbarrettcorp.com

4. Location Identification:

Name: KAUFMAN (PAD #1) Number: 12A-25-692  
County: GARFIELD  
Quarter: NESW Section: 25 Township: 6S Range: 92W Meridian: 6 Ground Elevation: 5922  
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: 2140 feet, from North or South section line: FSL and 1563 feet, from East or West section line: FWL  
Latitude: 39.496986 Longitude: -107.619168 PDOP Reading: 6.0 Date of Measurement: 03/05/2010  
Instrument Operator's Name: JIM KALMON

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

Special Purpose Pits: <input type="checkbox"/>	Drilling Pits: <input type="checkbox"/>	Wells: <input type="text" value="15"/>	Production Pits: <input type="checkbox"/>	Dehydrator Units: <input type="checkbox"/>
Condensate Tanks: <input type="text" value="6"/>	Water Tanks: <input type="text" value="4"/>	Separators: <input type="text" value="15"/>	Electric Motors: <input type="checkbox"/>	Multi-Well Pits: <input type="checkbox"/>
Gas or Diesel Motors: <input type="checkbox"/>	Cavity Pumps: <input type="checkbox"/>	LACT Unit: <input type="checkbox"/>	Pump Jacks: <input type="checkbox"/>	Pigging Station: <input type="checkbox"/>
Electric Generators: <input type="checkbox"/>	Gas Pipeline: <input type="checkbox"/>	Oil Pipeline: <input type="checkbox"/>	Water Pipeline: <input type="checkbox"/>	Flare: <input type="checkbox"/>
Gas Compressors: <input type="checkbox"/>	VOC Combustor: <input type="text" value="2"/>	Oil Tanks: <input type="text" value="4"/>	Fuel Tanks: <input type="checkbox"/>	

Other: Frac Tanks - 30 (500bbls) temporary tanks

6. Construction:

Date planned to commence construction: 10/01/2010 Size of disturbed area during construction in acres: 5.15
Estimated date that interim reclamation will begin: 09/01/2011 Size of location after interim reclamation in acres: 1.43
Estimated post-construction ground elevation: 5922 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 [ ] Onsite [X] Method: Land Farming [ ] Land Spreading [X] Disposal Facility [ ]
Other: EVAPORATING AND BACKFILLING

7. Surface Owner:

Name: Phone:
Address: Fax:
Address: Email:
City: State: Zip: Date of Rule 306 surface owner consultation: 08/01/2010
Surface Owner: [X] Fee [ ] State [ ] Federal [ ] Indian
Mineral Owner: [X] Fee [ ] State [ ] Federal [ ] Indian
The surface owner is: [ ] the mineral owner [X] 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 [X] Surface Use Agreement [ ] Right of Way
[ ] applicant is owner
Surface damage assurance if no agreement is in place: [ ] \$2000 [ ] \$5000 [ ] Blanket Surety ID

8. Reclamation Financial Assurance:

[X] Well Surety ID: 20040060 [ ] 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: 2170 , public road: 4484 , above ground utilit: 2170
, railroad: 23000 , property line: 243

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: MAP UNIT SYMBOL: #56 (POTTS LOAM, 6 TO 12 PERCENT)

NRCS Map Unit Name: MAP UNIT SYMBOL: #66 (TORRIORTHENTS-CAMBORTHIDS-ROCK OUTCROP COMPLEX, STEEP)

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: 03/05/2010

List individual species: \_\_\_\_\_

Check all plant communities that exist in the disturbed area.

- Disturbed Grassland (Cactus, Yucca, Cheatgrass, Rye)
- Native Grassland (Bluestern, 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: 1020, water well: 1366, 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:

A NEW LOCATION ASSESSMENT HAS BEEN SUBMITTED FOR THIS EXISTING OIL AND GAS PAD LOCATION. NO ADDITIONAL SURFACE DISTURBANCE WILL OCCUR FOR NEWELY PROPOSED WELLS. PLEASE SEE THE LOCATION AS-BUILT PLAT. Changed location to amended and added loc id, attached multi-well plan per Elaine Winick 06/24/2010 RE ;

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

Signed: \_\_\_\_\_ Date: 05/06/2010 Email: MBARBER@BILLBARRETTCORP.COM

Print Name: MATT BARBER Title: PERMIT ANALYST

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. Nashin*

Director of COGCC

Date: 6/27/2010

**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.**

Reserve pit must be lined or closed loop system must be implemented during drilling.

The moisture content of any drill cuttings in a cuttings pit, trench, or pile shall be as low as practicable to prevent accumulation of liquids greater than de minimis amounts. At the time of closure, the drill cuttings must also meet the applicable standards of table 910-1.

Operator must ensure 110 percent secondary containment for any volume of fluids contained at well site during drilling and completion operations. If fluids are conveyed via pipeline, operator must implement best management practices to contain any unintentional release of fluids.

**Attachment Check List**

Att Doc Num	Name	Doc Description
2033139	CORRESPONDENCE	LF@2482080 2033139
2033140	CORRESPONDENCE	LF@2482081 2033140
2033141	PROPOSED BMPs	LF@2482082 2033141
2033142	317B NOTIFICATION	LF@2482083 2033142
2033143	317B NOTIFICATION	LF@2482084 2033143
2089277	MULTI-WELL PLAN	LF@2496109 2089277
400055906	FORM 2A SUBMITTED	LF@2465628 400055906
400060294	WELL LOCATION PLAT	LF@2465629 400060294
400060295	ACCESS ROAD MAP	LF@2465630 400060295
400060296	LOCATION DRAWING	LF@2465631 400060296
400060297	CONST. LAYOUT DRAWINGS	LF@2465632 400060297
400060298	REFERENCE AREA MAP	LF@2465633 400060298
400060299	LOCATION PICTURES	LF@2465634 400060299
400060300	SURFACE AGRMT/SURETY	LF@2465635 400060300
400060301	OTHER	LF@2465636 400060301
400060302	NRCS MAP UNIT DESC	LF@2465637 400060302
400060303	NRCS MAP UNIT DESC	LF@2465638 400060303
400060304	HYDROLOGY MAP	LF@2465639 400060304
400060305	HYDROLOGY MAP A, TOPO	LF@2465640 400060305

Total Attach: 19 Files