

FORM  
2A

Rev  
04/01

# 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:

400392432

Date Received:

05/20/2013

## Oil and Gas Location Assessment

New Location

Amend Existing Location

Location#: 416625

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:

**416625**

Expiration Date:

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: 10450

Name: EE3 LLC

Address: 4410 ARAPAHOE AVENUE #100

City: BOULDER State: CO Zip: 80303

### 3. Contact Information

Name: CLAYTON DOKE

Phone: (303) 216-0703

Fax: (303) 216-2139

email: cdoke@iptengineers.com

### 4. Location Identification:

Name: DAMFINO

Number: PAD

County: JACKSON

Quarter: SWSE Section: 6 Township: 6N Range: 80W Meridian: 6 Ground Elevation: 8218

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: 398 feet FSL, from North or South section line, and 2017 feet FEL, from East or West section line.

Latitude: 40.512603 Longitude: -106.416758 PDOP Reading: 1.9 Date of Measurement: 04/11/2013

Instrument Operator's Name: UINTAH ENGINEERING AND LAND SURVEYING

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

Special Purpose Pits:  Drilling Pits:  Wells:  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: \_\_\_\_\_

**6. Construction:**

Date planned to commence construction: 07/01/2013 Size of disturbed area during construction in acres: 3.17  
 Estimated date that interim reclamation will begin: 12/01/2013 Size of location after interim reclamation in acres: 1.47  
 Estimated post-construction ground elevation: 8218 Will a closed loop system be used for drilling fluids: Yes   
 Will salt sections be encountered during drilling: Yes  No  Is H2S anticipated? Yes  No   
 Will salt (>15,000 ppm TDS Cl) or oil based muds be used: Yes  No   
 Mud disposal: Offsite  Onsite  Method: Land Farming  Land Spreading  Disposal Facility   
 Other: Back fill and cover

**7. Surface Owner:**

Name: Bureau of Land Management Phone: (970)826-5022  
 Address: 455 Emerson St. Fax: \_\_\_\_\_  
 Address: \_\_\_\_\_ Email: \_\_\_\_\_  
 City: Craig State: CO Zip: 80202 Date of Rule 306 surface owner consultation: 08/25/2011

Surface Owner:  Fee  State  Federal  Indian  
 Mineral Owner:  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  Blanket Surety ID \_\_\_\_\_

**8. Reclamation Financial Assurance:**

Well Surety ID: 20130007  Gas Facility Surety ID: \_\_\_\_\_  Waste Mgnt. Surety ID: \_\_\_\_\_

**9. Cultural:**

Is the location in a high density area (Rule 603.b.): Yes  No   
 Distance, in feet, to nearest building: 1352, public road: 756, above ground utilit: 391  
 , railroad: 5280, property line: 398

**10. 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

**11. 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

**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: Fh- Fluetsch-Tiagos association

NRCS Map Unit Name: Bo- Boettcher-Bundyman association

NRCS Map Unit Name: Fo- Forelle loam

### 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: Western Wheatgrass [Pascopyrum Smitii, Arriba], Thickspike Wheatgrass [Elymus Lanceolatus var. Critana], Bluebunch Wheatgrass [Pseudoroegneria spicata, var. Secar (alt. var. Goldar)], Sheep fescue [Festuca ovina, var. Covar]

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: 174, water well: 2198, depth to ground water: 32

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:

The nearest water well to the location is water well permit #97290- -, located approximately 2198' northwest from location. This well has no pump rate or static water level. The closest water well with applicable data is water well permit permit #64343- -, located (NWNE) Sec. 6-T6N-R80W, approximately 4191' northeast from location. This well pumped at a rate of 20 gpm with a static water level of 18'. There is no elevation listed for this well, but topographic maps show it as approximately 14' below location. Correcting for this difference results in an estimate of 32' to groundwater at location. This is what has been reported above. This location is for a pilot hole and associated lateral. The pilot hole is vertical, thus teh WLC is the multi-well plan. Per BLM request we are submitting this application concurrently with the BLM permit, a copy of which is here attached.

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

Signed: \_\_\_\_\_ Date: 05/20/2013 Email: cdoke@iptengineers.com

Print Name: CLAYTON DOKE Title: SENIOR ENGINEER

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, 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.**

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**Attachment Check List**

Att Doc Num	Name
400392432	FORM 2A SUBMITTED
400393215	NRCS MAP UNIT DESC
400403748	WASTE MANAGEMENT PLAN
400408201	ACCESS ROAD MAP
400408202	HYDROLOGY MAP
400408204	LOCATION DRAWING
400408208	LOCATION PICTURES
400408213	REFERENCE AREA MAP
400408217	REFERENCE AREA PICTURES
400408224	TOPO MAP
400421390	FED. DRILLING PERMIT
400421397	MULTI-WELL PLAN

Total Attach: 12 Files

**General Comments**

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Back to draft for multi-well plan and removal of 43 page Federal permit (only need the APD)	5/21/2013 8:57:35 AM

Total: 1 comment(s)

**BMP**

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

Total: 0 comment(s)