

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:

1789352

**Oil and Gas Location Assessment**

☐ New Location ☒ Amend Existing Location Location#: 334438

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:

**334438**

Expiration Date:

**10/30/2012**

☒ 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: 16800

Name: DELTA PETROLEUM CORPORATION

Address: 370 17TH ST STE 4300

City: DENVER State: CO Zip: 80202

**3. Contact Information**

Name: MIKE STANLEY

Phone: (303) 820-4024

Fax: (303) 820-4025

email: MSTANLEY@DELTAPETRO.CO  
M

**4. Location Identification:**

Name: NVEGA PAD Number: 5D

County: MESA

QuarterQuarter: NWNW Section: 25 Township: 9S Range: 93W Meridian: 6 Ground Elevation: 7799

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: 846 feet, from North or South section line: FNL and 612 feet, from East or West section line: FWL

Latitude: 39.250775 Longitude: -107.727536 PDOP Reading: 2.0 Date of Measurement: 10/29/2008

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

Special Purpose Pits: <input type="text"/>	Drilling Pits: <input type="text" value="1"/>	Wells: <input type="text" value="31"/>	Production Pits: <input type="text"/>	Dehydrator Units: <input type="text"/>
Condensate Tanks: <input type="text" value="8"/>	Water Tanks: <input type="text" value="2"/>	Separators: <input type="text" value="1"/>	Electric Motors: <input type="text"/>	Multi-Well Pits: <input type="text" value="8"/>
Gas or Diesel Motors: <input type="text"/>	Cavity Pumps: <input type="text"/>	LACT Unit: <input type="text"/>	Pump Jacks: <input type="text"/>	Pigging Station: <input type="text"/>
Electric Generators: <input type="text"/>	Gas Pipeline: <input type="text" value="1"/>	Oil Pipeline: <input type="text"/>	Water Pipeline: <input type="text" value="1"/>	Flare: <input type="text"/>
Gas Compressors: <input type="text"/>	VOC Combustor: <input type="text" value="1"/>	Oil Tanks: <input type="text" value="2"/>	Fuel Tanks: <input type="text"/>	

Other: THE DRILLING PIT IS A CUTTINGS PIT.

## 6. Construction:

Date planned to commence construction: 06/15/2010 Size of disturbed area during construction in acres: 5.08  
Estimated date that interim reclamation will begin: 03/31/2011 Size of location after interim reclamation in acres: 2.54  
Estimated post-construction ground elevation: 7798 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: BURY & RECLAIM

## 7. Surface Owner:

Name: \_\_\_\_\_ Phone: \_\_\_\_\_  
Address: \_\_\_\_\_ Fax: \_\_\_\_\_  
Address: \_\_\_\_\_ Email: \_\_\_\_\_  
City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ Date of Rule 306 surface owner consultation: 06/06/2007  
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 executor 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: 20050062 ☐ Gas Facility Surety ID: \_\_\_\_\_ ☐ Waste Mgmt. Surety ID: \_\_\_\_\_

## 9. Cultural:

Is the location in a high density area (Rule 603.b.): Yes ☐ No ☒  
Distance, in feet, to nearest building: 725, public road: 915, above ground utilit: 10084  
, railroad: 126720, property line: 475

## 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 be 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: 53 PAGDODA-HESPERUS COMPLEX, 12 TO 40 PERCENT SLOPES

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: 02/12/2008

List individual species: GRAMA, FESCUE, RYE

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: 2437, water well: 2439, depth to ground water: 5

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:

THIS FORM SUPPORTS THE APD REFILES PAD NVEGA 5D WHICH EXPIRE ON 7/9/09. SEC. 4: THE REFERENCE POINT FOR THIS LOCATION IS AT WELL NVEGA 25-221; SEC 5: THE EQUIPMENT LISTED WILL SUPPORT THE FULL DEVELOPMENT OF THE PAD AS CURRENTLY PLANNED; SEC. 7: SURFACE OWNER DOES NOT WISH TO HAVE HIS PERSONAL INFORMATION BEYOND NAME AND ADDRESS GIVEN OUT. AN SUA IS STILL IN EFFECT FOR ALL OF THE WELLS ON THIS PAD. SEE FORM 2A FOR CONTINUATION OF COMMENTS

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

Signed: \_\_\_\_\_ Date: 07/14/2009 Email: MSTANLEY@DELTAPETRO.COM

Print Name: MICHAEL STANLEY Title: SR. REGULATORY TECH

Based on the information provided herein, this Application for Permit-to-Drill complies with COGCC Rules and applicable orders and is hereby approved.

*David S. Nash*

COGCC Approved: \_\_\_\_\_ Director of COGCC Date: 10/31/2009

### **Attachment Check List**

Att Doc Num	Name	Doc Description
1641068	HYDROLOGY MAP	LF @2165716 1641068
1641069	MULTI-WELL PLAN	LF @2165717 1641069
1641070	REFERENCE AREA PICTURES	LF @2165718 1641070
1641071	REFERENCE AREA MAP	LF @2165719 1641071
1641072	CORRESPONDENCE	LF @2165720 1641072
1641074	CORRESPONDENCE	LF @2167907 1641074
1789352	FORM 2A	LF @2099552 1789352
1789353	LOCATION PICTURES	LF @2099594 1789353
1789354	LOCATION PICTURES	LF @2099596 1789354
1789355	HYDROLOGY MAP	LF @2099606 1789355
1789356	ACCESS ROAD MAP	LF @2099604 1789356
1789357	REFERENCE AREA MAP	LF @2099602 1789357
1789358	LOCATION PICTURES	LF @2099600 1789358
1789359	LOCATION PICTURES	LF @2099598 1789359
1789360	NRCS MAP UNIT DESC	LF @2099555 1789360
1789361	PROPOSED BMPs	LF @2099556 1789361
1814057	MULTI-WELL PLAN	LF @2099553 1814057
1814058	CONST. LAYOUT DRAWINGS	LF @2099554 1814058
1814065	LOCATION DRAWING	LF @2099557 1814065

Total Attach: 19 Files