

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:

2095153

Oil and Gas Location Assessment

☐ New Location ☒ Amend Existing Location Location#: 334440

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:

334440

Expiration Date:

05/10/2013

☒ 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: 16800

Name: DELTA PETROLEUM CORPORATION

Address: 370 17TH ST STE 4300

City: DENVER State: CO Zip: 80202

3. Contact Information

Name: MICHAEL STANLEY

Phone: (303) 820-4024

Fax: (303) 820-4025

email: MSTANLEY@DELTAPETRO.CO
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4. Location Identification:

Name: NVEGA PAD Number: 5C

County: MESA

QuarterQuarter: NESW Section: 25 Township: 9S Range: 93W Meridian: 6 Ground Elevation: 8068

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: 2516 feet, from North or South section line: FSL and 1914 feet, from East or West section line: FWL

Latitude: 39.245083 Longitude: -107.722864 PDOP Reading: 2.1 Date of Measurement: 10/30/2008

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

Special Purpose Pits: <input type="text" value="1"/>	Drilling Pits: <input type="text" value="1"/>	Wells: <input type="text" value="25"/>	Production Pits: <input type="text"/>	Dehydrator Units: <input type="text"/>
Condensate Tanks: <input type="text" value="5"/>	Water Tanks: <input type="text" value="2"/>	Separators: <input type="text" value="5"/>	Electric Motors: <input type="text"/>	Multi-Well Pits: <input type="text"/>
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" value="0"/>
Gas Compressors: <input type="text"/>	VOC Combustor: <input type="text" value="1"/>	Oil Tanks: <input type="text"/>	Fuel Tanks: <input type="text"/>	

Other: _____

6. Construction:

Date planned to commence construction: 06/15/2010 Size of disturbed area during construction in acres: 3.05
Estimated date that interim reclamation will begin: 04/30/2011 Size of location after interim reclamation in acres: 1.98
Estimated post-construction ground elevation: 8071 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: DAVID SHEPARD Phone: _____
Address: 111 Fax: _____
Address: _____ Email: _____
City: MESA State: CO Zip: 80200 Date of Rule 306 surface owner consultation: 06/12/2007
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 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 20050062

8. Reclamation Financial Assurance:

☒ Well Surety ID: 20090069 ☐ 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: 715, public road: 12936, above ground utilit: 9926
, railroad: 128304, property line: 523

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: 24. COCHETOPA-CLAYBURN 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: CHEATGRASS, 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: 194, water well: 1066, depth to ground water: 9

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 Supply 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 IS FOR THE APDs OR WELLS ON PAD 5C WHICH ARE BEING REFILED DUE TO EXPIRATION ON 7/29/2009. SEC 7: SURFACE OWNER DOES NOT WISH TO HAVE HIS PERSONAL INFORMATION PUBLISHED. CORRESPONDENCE WILL BE SENT TO THE SURFACE OWNER PER RULE 305.e. (1)A. AN SUA IS STILL IN EFFECT FOR ALL OF THE WELLS ON THIS PAD. NONE OF THE CATEGORIES IDENTIFYING THE TYPE OF SURFACE OWNER ARE APPLICABLE FOR THIS LOCATION. SEC: 12: THE SOIL MAP TYPE WAS INCORRECTLY IDENTIFIED ON THE ORIGINAL FORM 2a (5-21-08). IT HAS BEEN CORRECTLY IDENTIFIED IN SECTION 12. SEC: 14: THE DISTANCES FOUND IN THI SECTION ARE BASED ON INFORMATION FROM THE WEBSITE OF THE CO DIVISION OF WATER RESOURCES. THE DEPTH TO GROUND WATER IS PER THE COA's ON THE ORIGINAL APD. THE PERMIT FOR THE WATER WELL NEAR THIS PAD DOES NO HAVE A DEPTH LISTED. THE MEASURED DISTANCES IN THIS SECTION ARE HORIZONTAL MEASUREMENTS AND HAVE NOT BEEN MODIFIED FOR ELEVATION CHANGES.

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

Signed: _____ Date: 07/27/2009 Email: MSTANLEY@DELTAPETRO.COM

Print Name: MICHAEL STANLEY Title: REGULATORY

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: 5/11/2010

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.

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.

No portion of any pit that will be used to hold liquids shall be constructed on fill material, unless the pit and fill slope are designed and certified by a professional engineer, subject to review and approval by the director prior to construction of the pit. The construction and lining of the pit shall be supervised by a professional engineer or their agent. The entire base of the pit must be in cut.

Operator must submit new photos of the location prior to site disturbance and photos of the area to be used as the reference area during the growing season within one year of the permit date.

Location is in a sensitive area because of proximity to surface water; therefore, 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.

Location is in a sensitive area because of shallow groundwater; therefore either a lined drilling pit or closed loop system must be implemented.

Operator must implement best management practices to contain any unintentional release of fluids.

Attachment Check List

Att Doc Num	Name	Doc Description
1791559	MULTI-WELL PLAN	LF@2472910 1791559
2032996	CORRESPONDENCE	LF@2439679 2032996
2033015	CORRESPONDENCE	LF@2441661 2033015
2033016	LOCATION PICTURES	LF@2441652 2033016
2033017	LOCATION DRAWING	LF@2441653 2033017
2033018	CONST. LAYOUT DRAWINGS	LF@2441654 2033018
2033019	MULTI-WELL PLAN	LF@2441656 2033019
2033020	ACCESS ROAD MAP	LF@2441657 2033020
2033021	TOPO MAP	LF@2441658 2033021
2033022	HYDROLOGY MAP	LF@2441659 2033022
2095153	FORM 2A	LF@2220138 2095153
2095154	LOCATION PICTURES	LF@2220142 2095154
2095155	LOCATION PICTURES	LF@2220143 2095155
2095156	LOCATION DRAWING	LF@2220134 2095156
2095157	HYDROLOGY MAP	LF@2220150 2095157
2095158	ACCESS ROAD MAP	LF@2220144 2095158
2095159	REFERENCE AREA MAP	LF@2220146 2095159
2095160	REFERENCE AREA PICTURES	LF@2220147 2095160
2095161	REFERENCE AREA PICTURES	LF@2220148 2095161
2095162	NRCS MAP UNIT DESC	LF@2220135 2095162
2095163	CONST. LAYOUT DRAWINGS	LF@2220136 2095163
2095164	MULTI-WELL PLAN	LF@2220149 2095164
2095165	PROPOSED BMPs	LF@2220137 2095165
400038991	FORM 2A SUBMITTED	LF@2418499 400038991

Total Attach: 24 Files