

**FORM
2A**Rev
04/01State 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:

1759174

Oil and Gas Location Assessment☐ New Location ☒ Amend Existing Location Location#: 302199

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:

302199

Expiration Date:

11/29/2012☒ 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: 100185

Name: ENCANA OIL & GAS (USA) INC

Address: 370 17TH ST STE 1700

City: DENVER State: CO Zip: 80202-5632

3. Contact Information

Name: NICK G. CURRAN

Phone: (720) 876-5288

Fax: (720) 876-6288

email: NICK.CURRAN@ENCANA.COM

4. Location Identification:

Name: SPRAGUE MULTI WELL PAD SESW Number: 4-8-9

County: WELD

QuarterQuarter: SESW Section: 9 Township: 2N Range: 67W Meridian: 6 Ground Elevation: 4982

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: 434 feet, from North or South section line: FSL and 1950 feet, from East or West section line: FWL

Latitude: 40.146770 Longitude: -104.897650 PDOP Reading: 0.3 Date of Measurement: 07/22/2009

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

| | | | | |
|--------------------------------|-------------------------|------------------------|---------------------------|----------------------------|
| Special Purpose Pits: <u>0</u> | Drilling Pits: <u>1</u> | Wells: <u>2</u> | Production Pits: <u>0</u> | Dehydrator Units: <u>0</u> |
| Condensate Tanks: <u>0</u> | Water Tanks: <u>0</u> | Separators: <u>0</u> | Electric Motors: <u>0</u> | Multi-Well Pits: <u>0</u> |
| Gas or Diesel Motors: <u>0</u> | Cavity Pumps: <u>0</u> | LACT Unit: <u>0</u> | Pump Jacks: <u>0</u> | Pigging Station: <u>0</u> |
| Electric Generators: <u>0</u> | Gas Pipeline: <u>1</u> | Oil Pipeline: <u>0</u> | Water Pipeline: <u>0</u> | Flare: <u>0</u> |
| Gas Compressors: <u>0</u> | VOC Combustor: <u>0</u> | Oil Tanks: <u>0</u> | Fuel Tanks: <u>0</u> | |

Other: RIG = 7 GAS/DIESEL MOTORS, 2 ELECTRIC GENERATORS; THIS WELL FLOWSBACK TO MACHII-ROSS SPRAGUE #1 (FACILITIES ONLY) EXISTING: 1 SEPARATOR; 1 WATER TANK, 2 OIL TANKS, 1 COMBUSTOR

6. Construction:

Date planned to commence construction: 04/01/2010 Size of disturbed area during construction in acres: 3.67
Estimated date that interim reclamation will begin: 07/01/2010 Size of location after interim reclamation in acres: 0.50
Estimated post-construction ground elevation: 4982 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: _____

7. Surface Owner:

Name: _____ Phone: _____
Address: _____ Fax: _____
Address: _____ Email: _____
City: _____ State: _____ Zip: _____ Date of Rule 306 surface owner consultation: 07/09/2009
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: 2005043 ☐ 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: 687, public road: 421, above ground utilit: 463
_____, railroad: 11200, property line: 434

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): DRYLAND PASTURE
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): DRYLAND PASTURE
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: 72 VONA LOAMY SAND, 0 TO 3 PERCENT

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 (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: 1236, water well: 2702, depth to ground water: 25

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:

NOTE: WATER WELL #78565, THE NEAREST WATER WELL TO THE LOCATION DOES NOT HAVE DEPTH OR LEVEL DATA ON THE COLORADO DIVISION OF WATER RESOURCES WEBSITE.

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

Signed: _____ Date: 09/15/2009 Email: NICK.CURRAN@ENCANA.COM

Print Name: NICK CURRAN Title: PERMITTING AGENT

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: 11/30/2009

Attachment Check List

| Att Doc Num | Name | Doc Description |
|-------------|--------------------|---------------------|
| 1641096 | CORRESPONDENCE | LF @2176237 1641096 |
| 1759174 | FORM 2A | LF @2143714 1759174 |
| 1759184 | LOCATION PICTURES | LF @2143642 1759184 |
| 1759185 | LOCATION PICTURES | LF @2143644 1759185 |
| 1759186 | LOCATION DRAWING | LF @2143648 1759186 |
| 1759187 | WELL LOCATION PLAT | LF @2143715 1759187 |
| 1759188 | HYDROLOGY MAP | LF @2143647 1759188 |
| 1759189 | ACCESS ROAD MAP | LF @2143646 1759189 |
| 1759190 | NRCS MAP UNIT DESC | LF @2143716 1759190 |
| 1759191 | MULTI-WELL PLAN | LF @2143645 1759191 |
| 1784518 | CORRESPONDENCE | LF @2172118 1784518 |

Total Attach: 11 Files