

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:
2095488

Oil and Gas Location Assessment

New Location Amend Existing Location Location#: 316881

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:
316881
Expiration Date:
04/15/2013

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: 100185
Name: ENCANA OIL & GAS (USA) INC
Address: 370 17TH ST STE 1700
City: DENVER State: CO Zip: 80202-5632

3. Contact Information

Name: JEVIN CROTEAU
Phone: (720) 876-5339
Fax: (720) 876-6339
email: JEVIN.CROTEAU@ENCANA.CO
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4. Location Identification:

Name: ANDY'S MESA FED Number: 78
County: SAN MIGUEL
Quarter: SWNW Section: 34 Township: 44N Range: 16W Meridian: N Ground Elevation: 6545
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: 2300 feet, from North or South section line: FNL and 1179 feet, from East or West section line: FWL
Latitude: 38.030620 Longitude: -108.626823 PDOP Reading: 1.8 Date of Measurement: 09/06/2008

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="3"/>	Production Pits: <input type="text"/>	Dehydrator Units: <input type="text"/>
Condensate Tanks: <input type="text" value="2"/>	Water Tanks: <input type="text" value="1"/>	Separators: <input type="text" value="3"/>	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="3"/>	Oil Pipeline: <input type="text" value="2"/>	Water Pipeline: <input type="text" value="1"/>	Flare: <input type="text" value="1"/>
Gas Compressors: <input type="text"/>	VOC Combustor: <input type="text"/>	Oil Tanks: <input type="text"/>	Fuel Tanks: <input type="text"/>	

Other: TWO EXISTING WELLS ARE ON LOCATION, ANDY'S MESA FED #55 & 11-E34 AND WE PLAN TO ADD ONE ADDITIONAL WELL, ANDY'S MESA FED #78.

6. Construction:

Date planned to commence construction: 05/01/2010 Size of disturbed area during construction in acres: 4.30
Estimated date that interim reclamation will begin: 09/01/2010 Size of location after interim reclamation in acres: 2.60
Estimated post-construction ground elevation: 6544 Will a closed loop system be used for drilling fluids: Yes
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 Disposal Facility
Other: RECYCLE & BURY

7. Surface Owner:

Name: BUREAU OF LAND MANAGEMENT Phone: 970/247-4874
Address: 15 BURNETT COURT Fax:
Address: Email:
City: DURANGO State: CO Zip: 81301 Date of Rule 306 surface owner consultation:
Surface Owner: Fee State X Federal Indian
Mineral Owner: Fee State X Federal Indian
The surface owner is: X 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: X 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: 20050043 Gas Facility Surety ID: Waste Mgnt. Surety ID:

9. Cultural:

Is the location in a high density area (Rule 603.b.): Yes X No
Distance, in feet, to nearest building: 6226 , public road: 144 , above ground utilit: 3917
, railroad: 268440 , property line: 1165

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: 14-BARX FINE SANDY LOAM, 1 TO 3 PERCENT SLOPES

NRCS Map Unit Name: 73-VONA LOAMY SAND, 3-5 PERCENT SLOPES

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: 849, water well: 3545, depth to ground water: 150

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:

ACCORDING TO THE COLORADO DIVISION OF WATER RESOURCE WEB SITE THE NEAREST WATER WELL, PERMIT #243655, AT 3545' AWAY Attachment marked "Fed Drilling Permit page 7 contains reclamation information. KSC 02/24/10 Well head is 144' from county road, San Miguel County waived Rule 603.a.(1), ENCANA REQUESTS 502.b VARIANCE FROM RULE 603.a.(1); Reference area is adjacent to well pad to the north on undisturbed land;

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

Signed: _____ Date: 02/02/2010 Email: JEVIN.CROTEAU@ENCANA.COM

Print Name: JEVIN CROTEAU 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.

David S. Neshin

COGCC Approved: _____

Director of COGCC

Date: 4/16/2010

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.

WELLHEAD 144' FROM COUNTY ROAD. SAN MIGUEL COUNTY WAIVED 603.a.(1). ENCANA REQUESTS 502.b. VARIANCE FROM RULE 603.a.(1). CDPHE CONSULT LETTER RECOMMENDS GRANTING VARIANCE.

Attachment Check List

Att Doc Num	Name	Doc Description
1637893	CDPHE CONSULTATION	LF@2437522 1637893
2033040	CORRESPONDENCE	LF@2447633 2033040
2033080	CORRESPONDENCE	LF@2452333 2033080
2085189	FED. DRILLING PERMIT	LF@2423993 2085189
2095488	FORM 2A	LF@2265762 2095488
2095491	LOCATION PICTURES	LF@2265795 2095491
2095492	LOCATION DRAWING	LF@2265763 2095492
2095493	HYDROLOGY MAP	LF@2265793 2095493
2095494	ACCESS ROAD MAP	LF@2265794 2095494
2095495	NRCS MAP UNIT DESC	LF@2265764 2095495
2095496	CONST. LAYOUT DRAWINGS	LF@2265765 2095496
2096350	EXCEPTION LOC WAIVERS	LF@2421816 2096350
2096353	EXCEPTION LOC REQUEST	LF@2421879 2096353
2585754	LOCATION PICTURES	LF@2426708 2585754
400039036	FORM 2A SUBMITTED	LF@2423643 400039036

Total Attach: 15 Files