

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:  
400090186

Oil and Gas Location Assessment

New Location  Amend Existing Location Location#: 407652

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:  
**407652**  
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: 52250  
Name: MACHII-ROSS PETROLEUM CO  
Address: 2901 28TH ST STE 205  
City: SANTA MONICA State: CA Zip: 90405

3. Contact Information

Name: CLAYTON DOKE  
Phone: (970) 669-7411  
Fax: (970) 669-4077  
email: clay.doke@gmail.com

4. Location Identification:

Name: JOHNSTOWN Number: 3-5J  
County: WELD  
Quarter: NWNE Section: 5 Township: 4N Range: 67W Meridian: 6 Ground Elevation: 4815

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: 1320 feet, from North or South section line: FNL and 1217 feet, from East or West section line: FEL

Latitude: 40.345420 Longitude: -104.910680 PDOP Reading: 2.4 Date of Measurement: 09/23/2009

Instrument Operator's Name: DALLAS NIELSEN

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

Special Purpose Pits:  Drilling Pits:  1 Wells:  1 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: THREE-PHASE FLOWLINE TO YET TO BE BUILT BATTERY ~1460' NNW (CR 17 & 50, E 1/2, S INTO) OF PROPOSED JOHNSTOWN 3-5J WELL, AT THE INTERSECTION OF CR 50 AND THE FARM ROAD GOING SOUTH.

6. Construction:

Date planned to commence construction: 11/01/2010 Size of disturbed area during construction in acres: 1.00

Estimated date that interim reclamation will begin: 11/15/2010 Size of location after interim reclamation in acres: 0.50

Estimated post-construction ground elevation: 4815 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: NELSON, PAUL DAIRY FARM Phone: \_\_\_\_\_

Address: 9000 CR 52 Fax: \_\_\_\_\_

Address: \_\_\_\_\_ Email: \_\_\_\_\_

City: MILLIKEN State: CO Zip: 80543 Date of Rule 306 surface owner consultation: 03/20/2009

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 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 20090063

8. Reclamation Financial Assurance:

Well Surety ID: 20090062  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: 1387, public road: 1208, above ground utilit: 1208  
, railroad: 1307, property line: 311

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: OLNEY FINE SANDY LOAM, 1 TO 3 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: \_\_\_\_\_  
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: 1343 , water well: 1842 , depth to ground water: 3  
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:

Depth to ground water determined from water well permit #: 153237- -A. Located SW NW 4 4.0N 67.0W Sixth 2415' FNL, 340' FWL, approximately 1950' E SE of the proposed Johnstown #3-5J well. The Johnstown 2-5J abandoned location is on the same location and located ~287' W NW of the proposed Johnstown 3-5J well; this well was not drilled and the location was not built.

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

Signed: \_\_\_\_\_ Date: \_\_\_\_\_ Email: clay.doke@gmail.com

Print Name: CLAYTON DOKE Title: 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.**

**Attachment Check List**

Att Doc Num	Name	Doc Description
400090206	NRCS MAP UNIT DESC	NRCS REPORT.pdf
400091741	LOCATION PICTURES	JOHNSTOWN 3-5J_PICTURES.pdf
400092198	ACCESS ROAD MAP	Johnstown #3-5J, Access Road, 09-13-10.pdf
400092200	HYDROLOGY MAP	Johnstown #3-5J, Hydrology Map, 09-13-10.pdf
400092201	LOCATION DRAWING	Johnstown #3-5J, Location Drawing, 09-13-10.pdf

Total Attach: 5 Files