

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:

2110519

Oil and Gas Location Assessment

New Location Amend Existing Location Location#: _____

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:

418144

Expiration Date:

07/10/2013

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: 86195
 Name: THE TERMO COMPANY
 Address: P O BOX 2767
 City: LONG BEACH State: CA Zip: 90801

3. Contact Information

Name: TRENT ROSENLIEB
 Phone: (562) 595-7401
 Fax: (562) 426-2730
 email: POLLOKBIZ@BRESNAN.NET

4. Location Identification:

Name: MUD GULCH Number: 23-32
 County: MOFFAT
 Quarter: NESW Section: 32 Township: 8N Range: 94W Meridian: 6 Ground Elevation: 6431
 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: 1980 feet, from North or South section line: FSL and 1980 feet, from East or West section line: FWL
 Latitude: 40.599520 Longitude: -107.973620 PDOP Reading: 1.7 Date of Measurement: 12/17/2009
 Instrument Operator's Name: LLOYD W. POWERS

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: 2 Water Tanks: 2 Separators: 1 Electric Motors: 1 Multi-Well Pits:
 Gas or Diesel Motors: Cavity Pumps: LACT Unit: Pump Jacks: 1 Pigging Station:
 Electric Generators: Gas Pipeline: Oil Pipeline: Water Pipeline: Flare:
 Gas Compressors: VOC Combustor: Oil Tanks: Fuel Tanks:

Other: _____

6. Construction:

Date planned to commence construction: 08/01/2010 Size of disturbed area during construction in acres: 5.00
 Estimated date that interim reclamation will begin: 08/30/2010 Size of location after interim reclamation in acres: 1.50
 Estimated post-construction ground elevation: 6381 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: 03/20/2010
 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 _____

8. Reclamation Financial Assurance:

Well Surety ID: 20000129 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: 5280, public road: 5280, above ground utilit: 5280
 , railroad: 5280, property line: 659

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: NO. 77 FORELLE LOAM 3 TO 12 PERCENT SLOPE.

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: WYOMING BIG SAGEBRUSH, WESTERN WHEATGRASS, NEEDLEANDTHREAD, SANBERG BLUEGRASS, PRAIRIE JUNEGRASS, INDIAN RICE GRASS, BLUEBUNCH, WHEATGRASS.

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: 260, water well: 16473, depth to ground water: 300

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

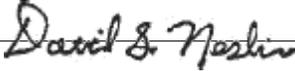
15. Comments:

1. REFERENCE POINT PICTURES-FOUR NEW COLOR PHOTOS OF THE REFERENCE AREA WILL BE TAKEN DURING THE GROWING SEASON OF VEGETATION. THE NEW PHOTOS WILL BE SUBMITTED THE SUMMER OF 2010 SO THAT THE NATURAL SOIL AND PLANT COMMUNITY CAN BE BETTER EVALUATED FOR PURPOSES OF RECLAMATION OF THE SITE. 2. REFERENCE AREA MAP (NOT ATTACHED)-REFERENCE AREA WILL BE THE UNDISTURBED SURFACE AREA IMMEDIATELY ADJACENT TO THE SOUTH OF THE PAD LOCATION (AS SHOWN ON THE LOCATION PICTURES). 3. LOCATION DRAWINGS-THERE ARE NO VISIBLE IMPROVEMENTS WITHIN 400' OF PAD LOCATION. (NOT ATTACHED). 4. ADDITIONAL ATTACHMENT-CLARIFICATION OF LEGAL DESCRIPTION CONTAINED IN SURFACE USE AGREEMENT. 5. ADDITIONAL ATTACHMENT -VERIFICATION OF CONSULTATION WITH SURFACE OWNERS' REGARDING THE TERMO COMPANY'S BEST MANAGEMENT PRACTICES. 6. ADDITIONAL ATTACHMENT - VERIFICATION OF CONSULTATION AND ON-SITE VISIT WITH SURFACE OWNERS', OPERATOR, AND DIVISION OF WILDLIFE REPRESENTATIVE.

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

Signed: _____ Date: 05/14/2010 Email: POLLOKBIZ@BRESNAN.NET

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: 7/11/2010

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.

Location is in a sensitive area because of close 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.

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

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.

Reserve pit must be lined or closed loop system must be implemented during drilling.

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.

Attachment Check List

Att Doc Num	Name	Doc Description
2033196	CORRESPONDENCE	LF@2489141 2033196
2110519	FORM 2A	LF@2479510 2110519
2110520	LOCATION PICTURES	LF@2479527 2110520
2110521	LOCATION DRAWING	LF@2479529 2110521
2110522	HYDROLOGY MAP	LF@2479530 2110522
2110523	ACCESS ROAD MAP	LF@2479531 2110523
2110524	ACCESS ROAD MAP	LF@2479532 2110524
2110525	ACCESS ROAD MAP	LF@2479533 2110525
2110526	NRCS MAP UNIT DESC	LF@2479507 2110526
2110527	LOCATION DRAWING	LF@2479528 2110527
2110528	PROPOSED BMPs	LF@2479508 2110528
2553683	OTHER	LF@2479534 2553683

Total Attach: 12 Files