

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:

1784262

## 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:

**414282**

Expiration Date:

**10/28/2012**☒ 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: 27480

Name: ENERGEN RESOURCES CORPORATION

Address: 2010 AFTON PLACE

City: FARMING TON State: NM Zip: 87401

## 3. Contact Information

Name: DOUG THOMAS

Phone: (505) 325-6800

Fax: (505) 325-6112

email: DTHOMAS@ENERGEN.COM

## 4. Location Identification:

Name: JARAMILLO 32-6

Number: 12-3

County: ARCHULETA

QuarterQuarter: SENE Section: 12 Township: 32N Range: 6W Meridian: N Ground Elevation: 6279

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: 1884 feet, from North or South section line: FNL and 164 feet, from East or West section line: FEL

Latitude: 37.034530 Longitude: -107.443030 PDOP Reading: 3.0 Date of Measurement: 11/19/2008

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

Special Purpose Pits:	<input type="text"/>	Drilling Pits:	<input type="text"/>	Wells:	<input type="text" value="1"/>	Production Pits:	<input type="text"/>	Dehydrator Units:	<input type="text" value="1"/>
Condensate Tanks:	<input type="text" value="2"/>	Water Tanks:	<input type="text" value="3"/>	Separators:	<input type="text" value="1"/>	Electric Motors:	<input type="text"/>	Multi-Well Pits:	<input type="text"/>
Gas or Diesel Motors:	<input type="text" value="1"/>	Cavity Pumps:	<input type="text"/>	LACT Unit:	<input type="text"/>	Pump Jacks:	<input type="text" value="1"/>	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"/>
Gas Compressors:	<input type="text" value="1"/>	VOC Combustor:	<input type="text"/>	Oil Tanks:	<input type="text"/>	Fuel Tanks:	<input type="text"/>		

Other: \_\_\_\_\_

6. Construction:

Date planned to commence construction: 10/01/2009 Size of disturbed area during construction in acres: 1.50  
Estimated date that interim reclamation will begin: 12/01/2009 Size of location after interim reclamation in acres: 1.00  
Estimated post-construction ground elevation: 6279 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: 12/01/2008  
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: 20090047 ☐ 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: 1000, public road: 153, above ground utilit: 210  
, railroad: 26200, property line: 164

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: WETHERILL LOAM, 3-8% 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: BIG SAGEBRUSH, PINYON, MUTTONGRASS, AND JUNIPER

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: 25, water well: 450, depth to ground water: 35

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:

SURFACE USE WITHIN 400' OF LOCATION IS ALL PRIVATE GRAZING LAND OR RANGELAND (WITH EXCEPTION OF COUNTY ROAD AND POWERLINE). THERE ARE NO OTHER VISIBLE IMPROVEMENTS OTHER THAN THOSE SHOWN ON LOCATION DRAWING. DEPTH TO GROUNDWATER INFO OBTAINED FROM PROXIMATE WATER WELLS' REPORTS.

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

Signed: \_\_\_\_\_ Date: 08/26/2009 Email: MIKE@FINNEYLAND.COM

Print Name: MICHAEL J. FINNEY Title: 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: 10/29/2009

**Attachment Check List**

Att Doc Num	Name	Doc Description
1784262	FORM 2A	LF @2133359 1784262
1784264	LOCATION PICTURES	LF @2133428 1784264
1784265	LOCATION DRAWING	LF @2133440 1784265
1784266	HYDROLOGY MAP	LF @2133438 1784266
1784267	TOPO MAP	LF @2133360 1784267
1784268	REFERENCE AREA MAP	LF @2133436 1784268
1784269	REFERENCE AREA PICTURES	LF @2133442 1784269
1784270	REFERENCE AREA PICTURES	LF @2133434 1784270
1784271	REFERENCE AREA PICTURES	LF @2133432 1784271
1784272	REFERENCE AREA PICTURES	LF @2133430 1784272
1784273	NRCS MAP UNIT DESC	LF @2133361 1784273
1784274	PROPOSED BMPs	LF @2133362 1784274
1784275	PROPOSED BMPs	LF @2133364 1784275
1784433	PROPOSED BMPs	LF @2149858 1784433
1808550	PROPOSED BMPs	LF @2160650 1808550

Total Attach: 15 Files