

**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:

1904774

**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:

**412851**☒ 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: 10254

Name: RED MESA HOLDINGS/O&G LLC

Address: 5619 DTC PARKWAY - STE 800

City: GREENW State: CO Zip: 80111  
OOD  
VILLAGE

**3. Contact Information**

Name: RICH LARSON

Phone: (970) 588-3302

Fax: (970) 588-3562

email: RLARSON@MADISONCAP.COM

**4. Location Identification:**

Name: COMPTON Number: 3

County: LA PLATA

QuarterQuarter: NWSE Section: 21 Township: 33N Range: 12W Meridian: N Ground Elevation: 6574

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: 2596 feet, from North or South section line: FSL and 2083 feet, from East or West section line: FEL

Latitude: 37.089600 Longitude: -108.153620 PDOP Reading: 2.0 Date of Measurement: 05/27/2009

**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" value="1"/> | Wells: <input type="text" value="1"/>        | Production Pits: <input type="text"/>      | Dehydrator Units: <input type="text" value="1"/> |
| Condensate Tanks: <input type="text"/>               | Water Tanks: <input type="text" value="1"/>   | Sparators: <input type="text" value="1"/>    | Electric Motors: <input type="text"/>      | Multi-Well Pits: <input type="text"/>            |
| Gas or Diesel Motors: <input type="text" value="2"/> | 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" value="1"/> | Water Pipeline: <input type="text"/>       | Flare: <input type="text"/>                      |
| Gas Compressors: <input type="text" value="1"/>      | VOC Combustor: <input type="text"/>           | Oil Tanks: <input type="text" value="2"/>    | Fuel Tanks: <input type="text"/>           |  |

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

6. Construction:

Date planned to commence construction: 08/01/2009 Size of disturbed area during construction in acres: 0.72  
Estimated date that interim reclamation will begin: 11/01/2009 Size of location after interim reclamation in acres: 0.58  
Estimated post-construction ground elevation: 6574 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: LARRY ROWE Phone: 970-247-8547  
Address: 2418 CR 220 Fax: \_\_\_\_\_  
Address: \_\_\_\_\_ Email: \_\_\_\_\_  
City: DURANGO State: CO Zip: 81303 Date of Rule 306 surface owner consultation: 10/13/2008  
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: 20080005 ☐ 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: 1090 , public road: 340 , above ground utilit: 1050  
 , railroad: 26400 , property line: 41

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: WITT 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: WESTERN WHEATGRASS, BIG SAGEBRUSH, PINYON, ROCKY MTN JUNIPER, INDIAN RICEGRASS, BLUE GRAMA, MUTTONGRASS, JUNEGRASS, NEEDLEANDTHREAD, GAMBEL OAK AND SERVICEBERRY

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: 1210, water well: 1540, depth to ground water: 8

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:

The only surface use within a 400' radius of the proposed well is private grazing. Per the location drawing an access road is the only visible improvement within the 400' radius. This location is in a sensitive water area per a 2002 Wright Water Engineers Report and a 2007 COGCC memo from Karen Spray to Star Acquisitions (previous Operator) and various Landowners.

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

Signed: \_\_\_\_\_ Date: 06/16/2009 Email: RLARSON@MADISONCAP.COM

Print Name: RICH LARSON Title: \_\_\_\_\_

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:

*David G. Nashin*

Director of COGCC

Date: 7/24/2009

### **Attachment Check List**

| Att Doc Num | Name                    | Doc Description    | Op. Check | File Size |
|-------------|-------------------------|--------------------|-----------|-----------|
| 1302626     | PROPOSED BMPs           | LF@2094120 1302626 | Y         |           |
| 1302627     | PROPOSED BMPs           | LF@2094122 1302627 | Y         |           |
| 1302628     | PROPOSED BMPs           | LF@2094124 1302628 | Y         |           |
| 1302629     | PROPOSED BMPs           | LF@2094128 1302629 | Y         |           |
| 1302630     | PROPOSED BMPs           | LF@2094126 1302630 | Y         |           |
| 1302631     | PROPOSED BMPs           | LF@2094130 1302631 | Y         |           |
| 1302632     | PROPOSED BMPs           | LF@2094132 1302632 | Y         |           |
| 1302633     | PROPOSED BMPs           | LF@2094134 1302633 | Y         |           |
| 1783362     | LOCATION PICTURES       | LF@2065469 1783362 | Y         |           |
| 1783363     | LOCATION PICTURES       | LF@2065471 1783363 | Y         |           |
| 1783364     | LOCATION PICTURES       | LF@2065473 1783364 | Y         |           |
| 1783365     | LOCATION PICTURES       | LF@2065475 1783365 | Y         |           |
| 1783366     | LOCATION DRAWING        | LF@2065459 1783366 | Y         |           |
| 1783367     | HYDROLOGY MAP           | LF@2065453 1783367 | Y         |           |
| 1783368     | ACCESS ROAD MAP         | LF@2065438 1783368 | Y         |           |
| 1783369     | REFERENCE AREA MAP      | LF@2065502 1783369 | Y         |           |
| 1783370     | REFERENCE AREA PICTURES | LF@2065510 1783370 | Y         |           |
| 1783371     | REFERENCE AREA PICTURES | LF@2065512 1783371 | Y         |           |
| 1783372     | REFERENCE AREA PICTURES | LF@2065514 1783372 | Y         |           |
| 1783373     | REFERENCE AREA PICTURES | LF@2065516 1783373 | Y         |           |
| 1783374     | NRCS MAP UNIT DESC      | LF@2065493 1783374 | Y         |           |
| 1783602     | SENSITIVE AREA DATA     | LF@2090100 1783602 | Y         |           |
| 1783604     | OTHER                   | LF@2090099 1783604 | Y         |           |
| 1783605     | PROPOSED BMPs           | LF@2090098 1783605 | Y         |           |
| 1783606     | LOCATION DRAWING        | LF@2090292 1783606 | Y         |           |
| 1783607     | HYDROLOGY MAP           | LF@2090293 1783607 | Y         |           |
| 1783608     | ACCESS ROAD MAP         | LF@2090097 1783608 | Y         |           |
| 1904774     | FORM 2A                 | LF@2065447 1904774 | Y         |           |

Total Attach: 28 Files