

**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:

1904773

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:

412856☒ 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: TURNER Number: 4

County: LA PLATA

QuarterQuarter: NENE Section: 27 Township: 33N Range: 12W Meridian: N Ground Elevation: 6567

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: 784 feet, from North or South section line: FNL and 571 feet, from East or West section line: FEL

Latitude: 37.080440 Longitude: -108.129840 PDOP Reading: 3.0 Date of Measurement: 03/11/2009

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"/>	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: 1.00
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: 6567 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: 04/01/2009
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 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: 2780 , public road: 1230 , above ground utilit: 262
 , railroad: 26400 , property line: 571

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, 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: 760, water well: 165, depth to ground water: 25

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:

THE ONLY SURFACE USE WITHIN 400' RADIUS OF THE PROPOSED WELL IS PRIVATE GRAZING. PER THE LOCATION DRAWING AN ACCESS ROAD, POWERLINE, PIPELINE AND WATER WELL ARE THE ONLY VISIBLE IMPROVEMENTS WITHIN A 400' RADIUS. THIS LOCATION IS IN A SENSATIVE 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
1302618	PROPOSED BMPs	LF@2094116 1302618	Y	
1302619	PROPOSED BMPs	LF@2094115 1302619	Y	
1302620	PROPOSED BMPs	LF@2094114 1302620	Y	
1302621	PROPOSED BMPs	LF@2094113 1302621	Y	
1302622	PROPOSED BMPs	LF@2094112 1302622	Y	
1302623	PROPOSED BMPs	LF@2094111 1302623	Y	
1302624	PROPOSED BMPs	LF@2094110 1302624	Y	
1302625	PROPOSED BMPs	LF@2094109 1302625	Y	
1783385	LOCATION PICTURES	LF@2065468 1783385	Y	
1783386	LOCATION PICTURES	LF@2065466 1783386	Y	
1783387	LOCATION PICTURES	LF@2065464 1783387	Y	
1783388	LOCATION PICTURES	LF@2065462 1783388	Y	
1783389	LOCATION DRAWING	LF@2065458 1783389	Y	
1783390	HYDROLOGY MAP	LF@2065452 1783390	Y	
1783391	ACCESS ROAD MAP	LF@2065520 1783391	Y	
1783392	REFERENCE AREA MAP	LF@2065501 1783392	Y	
1783393	REFERENCE AREA PICTURES	LF@2065509 1783393	Y	
1783394	REFERENCE AREA PICTURES	LF@2065507 1783394	Y	
1783395	REFERENCE AREA PICTURES	LF@2065505 1783395	Y	
1783396	REFERENCE AREA PICTURES	LF@2065503 1783396	Y	
1783397	NRCS MAP UNIT DESC	LF@2065492 1783397	Y	
1783597	LOCATION DRAWING	LF@2090294 1783597	Y	
1783598	HYDROLOGY MAP	LF@2090295 1783598	Y	
1783599	ACCESS ROAD MAP	LF@2090101 1783599	Y	
1783600	PROPOSED BMPs	LF@2090103 1783600	Y	
1783601	SENSITIVE AREA DATA	LF@2090104 1783601	Y	
1783603	OTHER	LF@2090102 1783603	Y	
1904773	FORM 2A	LF@2065446 1904773	Y	

Total Attach: 28 Files