

**APPLICATION FOR PERMIT TO:**

Drill       Deepen       Re-enter       Recomplete and Operate

Date Received:  
01/29/2019

TYPE OF WELL   OIL    GAS    COALBED    OTHER \_\_\_\_\_      Refilling

ZONE TYPE      SINGLE ZONE       MULTIPLE ZONES       COMMINGLE ZONES       Sidetrack

Well Name: Adobe      Well Number: 14-14

Name of Operator: HELENA RESOURCES INC      COGCC Operator Number: 10547

Address: 2960 SIMMS DR

City: LAKEWOOD      State: CO      Zip: 80215

Contact Name: Theodore Pagano      Phone: (970)5903944      Fax: (303)3951530

Email: tapagano@helena-resources.com

**RECLAMATION FINANCIAL ASSURANCE**

Plugging and Abandonment Bond Surety ID: 20150007

**WELL LOCATION INFORMATION**

QtrQtr: SESW      Sec: 14      Twp: 13S      Rng: 51W      Meridian: 6

Latitude: 38.910510      Longitude: -103.080880

Footage at Surface:      Feet      FNL/FSL      Feet      FEL/FWL

740      FSL      2519      FWL

Field Name: WILDCAT      Field Number: 99999

Ground Elevation: 4756.68      County: CHEYENNE

GPS Data:

Date of Measurement: 10/13/2014      PDOP Reading: 1.8      Instrument Operator's Name: Elijah Frane

If well is    Directional       Horizontal (highly deviated)      **submit deviated drilling plan.**

Footage at Top of Prod Zone:      FNL/FSL      FEL/FWL      Bottom Hole:      FNL/FSL      FEL/FWL

\_\_\_\_\_  
Sec: \_\_\_\_\_ Twp: \_\_\_\_\_ Rng: \_\_\_\_\_      Sec: \_\_\_\_\_ Twp: \_\_\_\_\_ Rng: \_\_\_\_\_

**LOCATION SURFACE & MINERALS & RIGHT TO CONSTRUCT**

Surface Ownership:    Fee       State       Federal       Indian

The Surface Owner is:    is the mineral owner beneath the location.  
(check all that apply)    is committed to an Oil and Gas Lease.  
    has signed the Oil and Gas Lease.  
    is the applicant.

The Mineral Owner beneath this Oil and Gas Location is:    Fee       State       Federal       Indian

The Minerals beneath this Oil and Gas Location will be developed by this Well:   Yes

The right to construct the Oil and Gas Location is granted by:   Surface Use Agreement

Surface damage assurance if no agreement is in place:      Surface Surety ID: \_\_\_\_\_

## LEASE INFORMATION

Using standard QtrQtr, Sec, Twp, Rng format, describe one entire mineral lease that will be produced by this well (Describe lease beneath surface location if produced. Attach separate description page or map if necessary.)

W/2, 14, 13S, 51W

Total Acres in Described Lease: 339 Described Mineral Lease is:  Fee  State  Federal  Indian

Federal or State Lease # \_\_\_\_\_

Distance from Completed Portion of Wellbore to Nearest Lease Line of described lease: 270 Feet

## CULTURAL DISTANCE INFORMATION

Distance to nearest:

Building: 2580 Feet

Building Unit: 5280 Feet

High Occupancy Building Unit: 5280 Feet

Designated Outside Activity Area: 5280 Feet

Public Road: 875 Feet

Above Ground Utility: 2580 Feet

Railroad: 5280 Feet

Property Line: 270 Feet

### INSTRUCTIONS:

- All measurements shall be provided from center of the Proposed Well to nearest of each cultural feature as described in Rule 303.a.(5).

- Enter 5280 for distance greater than 1 mile.

- Building - nearest building of any type. If nearest Building is a Building Unit, enter same distance for both.

- Building Unit, High Occupancy Building Unit, and Designated Outside Activity Area - as defined in 100-Series Rules.

## DESIGNATED SETBACK LOCATION INFORMATION

Check all that apply. This location is within a:  Buffer Zone  
 Exception Zone  
 Urban Mitigation Area

- Buffer Zone – as described in Rule 604.a.(2), within 1,000' of a Building Unit

- Exception Zone - as described in Rule 604.a.(1), within 500' of a Building Unit.

- Urban Mitigation Area - as defined in 100-Series Rules.

Pre-application Notifications (required if location is within 1,000 feet of a building unit):

Date of Rule 305.a.(1) Urban Mitigation Area Notification to Local Government: \_\_\_\_\_

Date of Rule 305.a.(2) Buffer Zone Notification to Building Unit Owners: \_\_\_\_\_

## SPACING and UNIT INFORMATION

Distance from completed portion of proposed wellbore to nearest completed portion of offset wellbore permitted or completed in the same formation: 8495 Feet

Distance from Completed Portion of Wellbore to Nearest Unit Boundary 5280 Feet (Enter 5280 for distance greater than 1 mile.)

Federal or State Unit Name (if appl): \_\_\_\_\_ Unit Number: \_\_\_\_\_

## SPACING & FORMATIONS COMMENTS

\_\_\_\_\_

## OBJECTIVE FORMATIONS

Objective Formation(s)	Formation Code	Spacing Order Number(s)	Unit Acreage Assigned to Well	Unit Configuration (N/2, SE/4, etc.)
CHEROKEE	CHRK			
CODELL	CODL			
MARMATON-MORROW	MM-MW			

## DRILLING PROGRAM

Proposed Total Measured Depth: 6430 Feet

Distance from the proposed wellbore to nearest existing or proposed wellbore belonging to another operator, including plugged wells:

Enter distance if less than or equal to 1,500 feet: \_\_\_\_\_ Feet  No well belonging to another operator within 1,500 feet

Will a closed-loop drilling system be used? Yes

Is H<sub>2</sub>S gas reasonably expected to be encountered during drilling operations at concentrations greater than or equal to 100 ppm? No (If Yes, attach an H<sub>2</sub>S Drilling Operations Plan)

Will salt sections be encountered during drilling? No

Will salt based (>15,000 ppm Cl) drilling fluids be used? No

Will oil based drilling fluids be used? No

BOP Equipment Type:  Annular Preventor  Double Ram  Rotating Head  None

## GROUNDWATER BASELINE SAMPLING AND MONITORING AND WATER WELL SAMPLING

Water well sampling required per Rule N/A

## DRILLING WASTE MANAGEMENT PROGRAM

Drilling Fluids Disposal: OFFSITE Drilling Fluids Disposal Methods: UIC Disposal

Cuttings Disposal: \_\_\_\_\_ Cuttings Disposal Method: \_\_\_\_\_

Other Disposal Description:

Beneficial reuse or land application plan submitted? \_\_\_\_\_

Reuse Facility ID: \_\_\_\_\_ or Document Number: \_\_\_\_\_

## CASING PROGRAM

Casing Type	Size of Hole	Size of Casing	Wt/Ft	Csg/Liner Top	Setting Depth	Sacks Cmt	Cmt Btm	Cmt Top
SURF	12+1/4	9+5/8	36	0	327	190	327	0
S.C. 1.1	8+3/4	5+1/2	17	0	6433	565	6433	5050
S.C. 2.1	8+3/4	5+1/2	17	0	2717	165	2717	500

Conductor Casing is NOT planned

## DESIGNATED SETBACK LOCATION EXCEPTIONS

Check all that apply:

- Rule 604.a.(1)A. Exception Zone (within 500' of Building Unit)
- Rule 604.b.(1)A. Exception Location (existing or approved Oil & Gas Location now within a Designated Setback as a result of Rule 604.a.)
- Rule 604.b.(1)B. Exception Location (existing or approved Oil & Gas Location is within a Designated Setback due to Building Unit construction after Location approval)
- Rule 604.b.(2) Exception Location (SUA or site-specific development plan executed on or before August 1, 2013)
- Rule 604.b.(3) Exception Location (Building Units constructed after August 1, 2013 within setback per an SUA or site-specific development plan)

## GREATER WATTENBERG AREA LOCATION EXCEPTIONS

Check all that apply:

- Rule 318A.a. Exception Location (GWA Windows).
- Rule 318A.c. Exception Location (GWA Twinning).

## RULE 502.b VARIANCE REQUEST

Rule 502.b. Variance Request from COGCC Rule or Spacing Order Number \_\_\_\_\_

### OTHER LOCATION EXCEPTIONS

Check all that apply:

Rule 318.c. Exception Location from Rule or Spacing Order Number \_\_\_\_\_

Rule 603.a.(2) Exception Location (Property Line Setback).

ALL exceptions and variances require attached Request Letter(s). Refer to applicable rule for additional required attachments (e.g. waivers, certifications, SUAs).

### OPERATOR COMMENTS AND SUBMITTAL

Comments

This application is in a Comprehensive Drilling Plan No CDP #: \_\_\_\_\_

Location ID: 381229

Is this application being submitted with an Oil and Gas Location Assessment application? Yes

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

Signed: \_\_\_\_\_ Print Name: Theodore A Pagano

Title: President Date: 1/29/2019 Email: tapagano@helena-

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: \_\_\_\_\_

Expiration Date: \_\_\_\_\_

**API NUMBER**

05 017 07547 00

### Conditions Of Approval

All representations, stipulations and conditions of approval stated in the Form 2A for this location shall constitute representations, stipulations and conditions of approval for this Form 2 Permit-to-Drill and are enforceable to the same extent as all other representations, stipulations and conditions of approval stated in this Permit-to-Drill.

**COA Type**

**Description**

COA Type	Description

## Best Management Practices

<b>No</b>	<b>BMP/COA Type</b>	<b>Description</b>
1	Storm Water/Erosion Control	<p>Stormwater Discharges Associated with Construction Oil and Gas Activity. Application has been filed with Colorado Department of Public Health and Environment Water Quality Control Division and is pending. Approved permit will be in place before any dirt work begins, if any.</p> <p>Re-Entry, Adobe 14-14 well T13S, R51W Sec. 14: SW/4 Cheyenne County, Colorado</p> <p>Description of Well Site and Construction Area</p> <p>1-3 acre site with access road for drilling of oil and gas well. Terrain is flat dry Rangeland ground containing native grass species. No receiving waters will be affected by well pad. There will be one drilling pit associated with the drillsite unless shallow groundwater is encountered, whereby the pit will be lined or a closed loop system deployed. Disturbed areas will be reseeded within 6 months weather permitting. Silt fences will be installed on low side site of drill site. Topsoil will be separated and spread on drill site as final operation before reseeding operations. To prevent soil erosion site will be disked and straw crimped in. Stormwater Management Plan (SWMP) is on file in Helena Resources, Inc.'s office. Spill Prevention, Control and Countermeasure Plan is on file in Helena Resources, Inc's Office.</p>

Total: 1 comment(s)

## Attachment Check List

<b>Att Doc Num</b>	<b>Name</b>
401893632	PLAT
401893666	WELLBORE DIAGRAM
401893672	DRILLING PLAN
401893675	30 DAY NOTICE LETTER
401893800	EXCEPTION LOC WAIVERS
401922435	WAIVERS
401922441	SURFACE OWNER CONSENT
401942987	CORRESPONDENCE

Total Attach: 8 Files

## General Comments

<b>User Group</b>	<b>Comment</b>	<b>Comment Date</b>
		Stamp Upon Approval

Total: 0 comment(s)

## **Public Comments**

No public comments were received on this application during the comment period.