

FORM  
2

Rev  
08/13

## State of Colorado

### Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203  
Phone: (303) 894-2100 Fax: (303) 894-2109



Document Number:

400624708

#### APPLICATION FOR PERMIT TO:

☒ Drill ☐ Deepen ☐ Re-enter ☐ Recomplete and Operate

Date Received:

TYPE OF WELL OIL ☒ GAS ☐ COALBED ☐ OTHER Unplanned

Refilling ☐

ZONE TYPE SINGLE ZONE ☒ MULTIPLE ZONES ☐ COMMINGLE ZONES ☐

Sidetrack ☒

Well Name: Mansur

Well Number: 33-4-D

Name of Operator: FRAM OPERATING LLC

COGCC Operator Number: 10310

Address: 6 SOUTH TEJON STREET #400

City: COLORADO SPRINGS State: CO Zip: 80903

Contact Name: Dave Cook Phone: (719)355-1320 Fax: (719)413-1362

Email: dave@framamericas.com

#### RECLAMATION FINANCIAL ASSURANCE

Plugging and Abandonment Bond Surety ID: 20110193

#### WELL LOCATION INFORMATION

QtrQtr: 7 Sec: 33 Twp: 12S Rng: 97W Meridian: 6

Latitude: 38.965490 Longitude: -108.233480

Footage at Surface: 1838 feet FNL/FSL FNL 611 feet FEL/FWL FEL

Field Name: WHITEWATER Field Number: 92840

Ground Elevation: 6218.4 County: MESA

GPS Data:

Date of Measurement: 03/18/2014 PDOP Reading: 2.6 Instrument Operator's Name: Andrue Floyd

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

Footage at Top of Prod Zone: FNL/FSL FNL 1554 FEL 1381 FEL/FWL FEL 1554 FNL 1381 FEL  
Sec: 33 Twp: 12S Rng: 97W Sec: 33 Twp: 12S Rng: 97W

#### 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: oil and gas lease

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.)

Lots 6, 7, & 8 N 350' of Lots 11 & 12 & that part of Tr. 48 lying N of Kannah Creek +1 ac of Sec. 33 & Lot 2 of Sec. 34, T12S, R97W 6th PM, Mesa County, Colorado

Total Acres in Described Lease: 154 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: 638 Feet

## CULTURAL DISTANCE INFORMATION

Distance to nearest:

Building: 1500 Feet  
Building Unit: 1500 Feet  
High Occupancy Building Unit: 5280 Feet  
Designated Outside Activity Area: 5280 Feet  
Public Road: 945 Feet  
Above Ground Utility: 1530 Feet  
Railroad: 5280 Feet  
Property Line: 638 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 Wellbore to Nearest Wellbore Permitted or Completed in the same formation: 964 Feet

Distance from Completed Portion of Wellbore to Nearest Unit Boundary 1007 Feet (Enter 5280 for distance greater than 1 mile.)

Federal or State Unit Name (if appl): BLM Whitewater Unit Number: 73038X

## SPACING & FORMATIONS COMMENTS

Whitewater Federal Unit; no spacing order.

## OBJECTIVE FORMATIONS

Objective Formation(s)	Formation Code	Spacing Order Number(s)	Unit Acreage Assigned to Well	Unit Configuration (N/2, SE/4, etc.)
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DAKOTA	DKTA			
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## DRILLING PROGRAM

Proposed Total Measured Depth: 3580 Feet

Distance to nearest permitted or existing wellbore penetrating objective formation: 964 Feet (Including plugged wells)

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 H2S 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 609

## DRILLING WASTE MANAGEMENT PROGRAM

Drilling Fluids Disposal: OFFSITE Drilling Fluids Disposal Methods: Commercial Disposal

Cuttings Disposal: OFFSITE Cuttings Disposal Method: Commercial Disposal

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
CONDUCTOR	17	14	40	0	40	60	40	0
SURF	12+1/4	9+5/8	36	0	500	105	500	0
1ST	8+3/4	7	26	0	3350	242	3350	400
1ST LINER	6+1/8	4+1/2	11.6	3300	3580	0		

☐ 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

1. Sidetrack necessary due to no oil show and purpose for sidetrack is to drill for secondary target.
2. Current well MD; 3,445'
3. 9 5/8" 36#, J-55, STC set at 486' and cemented with 3 bbl cement to surface.
4. No fish in hole.
5. Bottom plug from TD @ 3,445' to 2,745' 150sxs VersaCem with 0% excess, 12.8 ppg, 1.96 yield. This will bring top of plug 630' above Dakota Sand @ 3,375'.  
Kick-off plug will be set from 1,700' to 1,000'. 17.0 ppg neat, 0.99 yield, 0% excess, 52 bbl / 295 sxs.
6. Bottom plug; Versacem, 12.8 ppg, yield; 1.96  
Kick-off plug; G-Neat, 17.0 pps, yield 0.99
7. Kick off @ 950', - currently being verified by directional company.
8. Same objective; Dakota Sand
9. BHL Target; 38.966270 / -108.236194, TVD; 3,488'.

This application is in a Comprehensive Drilling Plan \_\_\_\_\_ CDP #: \_\_\_\_\_

Location ID: \_\_\_\_\_

Is this application being submitted with an Oil and Gas Location Assessment application? \_\_\_\_\_ No

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

Signed: \_\_\_\_\_ Print Name: Dave Cook

Title: Manager Date: \_\_\_\_\_ Email: dave@framamericas.com

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

05 077 10217 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.

## Best Management Practices

No BMP/COA Type

Description

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## Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
400625200	WELLBORE DIAGRAM
400625201	CORRESPONDENCE
400625202	WELL LOCATION PLAT
400626792	DEVIATED DRILLING PLAN
400626793	OTHER
400626794	DIRECTIONAL DATA

Total Attach: 6 Files

### General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>

Total: 0 comment(s)