

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:
400473503

APPLICATION FOR PERMIT TO:

Drill Deepen Re-enter Recomplete and Operate

Date Received:
08/28/2013

TYPE OF WELL OIL GAS COALBED OTHER Unplanned
ZONE TYPE SINGLE ZONE MULTIPLE ZONES COMMINGLE ZONES

Refiling
Sidetrack

Well Name: Mansur Well Number: 33-1-N
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)314-1362
Email: Dave@framamericas.com

RECLAMATION FINANCIAL ASSURANCE

Plugging and Abandonment Bond Surety ID: 20110193

WELL LOCATION INFORMATION

QtrQtr: 6 Sec: 33 Twp: 12S Rng: 97W Meridian: 6
Latitude: 38.964630 Longitude: -108.242060

Footage at Surface: 2165 feet FNL/FSL FNL 2187 feet FEL/FWL FWL

Field Name: WHITEWATER Field Number: 92840

Ground Elevation: 6083 County: MESA

GPS Data:
Date of Measurement: 05/11/2005 PDOP Reading: 6.0 Instrument Operator's Name: Jeff Fletcher

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
2376 FNL 2862 FEL 1674 FSL 1881 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, R87W 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: 367 Feet

CULTURAL DISTANCE INFORMATION

Distance to nearest:

Building: 440 Feet
 Building Unit: 704 Feet
 High Occupancy Building Unit: 5280 Feet
 Designated Outside Activity Area: 5280 Feet
 Public Road: 350 Feet
 Above Ground Utility: 415 Feet
 Railroad: 5280 Feet
 Property Line: 425 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: 1600 Feet

Distance from Completed Portion of Wellbore to Nearest Unit Boundary 2281 Feet (Enter 5280 for distance greater than 1 mile.)

Federal or State Unit Name (if appl): 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.)
DAKOTA	DKTA			

DRILLING PROGRAM

Proposed Total Measured Depth: 4519 Feet

Distance to nearest permitted or existing wellbore penetrating objective formation: 21 Feet (Including plugged wells)

Will a closed-loop drilling system be used? Yes

Is H₂S 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:

Closed loop system will be used

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	16	14	65	0	70	100	70	0
SURF	12+1/4	9+5/8	36	0	500	110	500	0
1ST	8+3/4	7	23	0	3975	340	3975	1194
1ST LINER	6+1/8	4+1/2	11.6	3875	4519			

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 _____ CDP #: _____

Location ID: 334480

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: 8/28/2013 Email: Dave@framamericas.com

Operator must have a valid water right or permit allowing for industrial use or purchased water from a seller that has a valid water right or permit allowing for industrial use, otherwise an application for a change in type of use is required under Colorado law. Operator must also use the water in the location set forth in the water right decree or well permit, otherwise an application for a change in place of use is required under Colorado law. Section 37-92-103(5), C.R.S. (2011).

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: Matthew Lee Director of COGCC Date: 9/12/2013

Expiration Date: 09/11/2015

API NUMBER

05 077 09471 01

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

(1) COMPLIANCE WITH THE MOST CURRENT REVISION OF THE NORTHWEST COLORADO NOTIFICATION POLICY IS REQUIRED.

(2) Cement volumes shall be adjusted accordingly with the plan to set deeper first string (identified as "intermediate casing" on the sidetrack summary document by the operator), such that the first string casing top of cement will be 1,194' or above, as previously approved by COGCC.

Best Management Practices

No BMP/COA Type

Description

Applicable Policies and Notices to Operators

Notice Concerning Operating Requirements for Wildlife Protection.

Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
2055840	CORRESPONDENCE_Verbal Sidetrack Approval
2055841	DIRECTIONAL SURVEY
400473503	FORM 2 SUBMITTED
400478671	DIRECTIONAL DATA

Total Attach: 4 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Oper. submitted correct Xcel directional template. Related sundry for sidetrack approved. Final Review-passed.	9/10/2013 8:13:16 AM
Permit	Oper. still working on Xcel dir. template.	9/6/2013 11:52:51 AM
Engineer	Verbal approval to sidetrack granted via email by Dave Andrews on 8/28/2013. Modified revised designs on Casing/Cementing tab for conductor, surface, first string, and first liner per correspondence with operator on 8/28/2013. Added first string planned cement top of 1,194', which was shown on the previously approved Form 2 for this well.	8/29/2013 4:19:39 PM
Permit	Waived LGD & public tasks. Attached verbal approval to sidetrack. Attached revised dev. drlg. plan. Corrected well number. Req'd Xcel template.	8/29/2013 7:31:53 AM
Permit	Unplanned sidetrack. This form has passed completeness.	8/29/2013 7:21:23 AM

Total: 5 comment(s)