

FORM  
2Rev  
12/05

## State of Colorado

## Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80205 Phone: (303) 894-2100 Fax: (303) 894-2109



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## APPLICATION FOR PERMIT TO:

1. ☒ Drill, ☐ Deepen, ☐ Re-enter, ☐ Recomplete and Operate

## 2. TYPE OF WELL

OIL ☒ GAS ☐ COALBED ☐ OTHER \_\_\_\_\_  
SINGLE ZONE ☒ MULTIPLE ☐ COMMINGLE ☐Refiling ☒Sidetrack ☐

Document Number:

400230488

PluggingBond SuretyID

20110193

3. Name of Operator: FRAM OPERATING LLC4. COGCC Operator Number: 103105. Address: 30 E PIKES PEAK AVE STE 283City: COLORADO State: CO Zip: 80903  
SPRINGS6. Contact Name: David Cook Phone: (719)355-1320 Fax: (719)314-1362  
Email: dave@framamericas.com7. Well Name: Mansur Well Number: 33-1-N8. Unit Name (if appl): Whitewater Unit Number: 73038X9. Proposed Total Measured Depth: 4419

## WELL LOCATION INFORMATION

10. QtrQtr: Lot 6 Sec: 33 Twp: 12S Rng: 97W Meridian: 6Latitude: 38.964630 Longitude: -108.242060Footage at Surface: 2165 feet FNL/FSL FNL 2187 feet FEL/FWL FWL11. Field Name: Whitewater Field Number: 9284012. Ground Elevation: 6083 13. County: MESA

## 14. GPS Data:

Date of Measurement: 05/11/2005 PDOP Reading: 6.0 Instrument Operator's Name: Jeff Fletcher15. If well is ☐ Directional ☒ Horizontal (highly deviated) **submit deviated drilling plan.**Footage at Top of Prod Zone: FNL/FSL 2376 FNL 2862 FEL 1674 FSL 1881 FEL 1674  
Sec: 33 Twp: 12S Rng: 97W Sec: 33 Twp: 12S Rng: 97W16. Is location in a high density area? (Rule 603b)? ☐ Yes ☒ No17. Distance to the nearest building, public road, above ground utility or railroad: 350 ft18. Distance to nearest property line: 425 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 1600 ft

## 20. LEASE, SPACING AND POOLING INFORMATION

| Objective Formation(s) | Formation Code | Spacing Order Number(s) | Unit Acreage Assigned to Well | Unit Configuration (N/2, SE/4, etc.) |
|------------------------|----------------|-------------------------|-------------------------------|--------------------------------------|
| Dakota                 | DKTA           |                         |                               |                                      |

21. Mineral Ownership: ☒ Fee ☐ State ☐ Federal ☐ Indian Lease #: \_\_\_\_\_22. Surface Ownership: ☒ Fee ☐ State ☐ Federal ☐ Indian23. Is the Surface Owner also the Mineral Owner? ☒ Yes ☐ No Surface Surety ID#:23a. If 23 is Yes: Is the Surface Owner(s) signature on the lease? ☒ Yes ☐ No23b. If 23 is No: ☐ Surface Owners Agreement Attached or ☐ \$25,000 Blanket Surface Bond ☐ \$2,000 Surface Bond ☐ \$5,000 Surface Bond

24. Using standard QtrQtr, Sec, Twp, Rng format enter entire mineral lease description upon which this proposed wellsite is located (attach separate sheet/map if you prefer):

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

25. Distance to Nearest Mineral Lease Line: 367 ft

26. Total Acres in Lease: 154

### DRILLING PLANS AND PROCEDURES

27. Is H2S anticipated? ☐ Yes ☒ No If Yes, attach contingency plan.

28. Will salt sections be encountered during drilling? ☐ Yes ☒ No

29. Will salt (>15,000 ppm TDS CL) or oil based muds be used during drilling? ☐ Yes ☒ No

30. If questions 28 or 29 are yes, is this location in a sensitive area (Rule 901.e)? ☐ Yes ☐ No

31. Mud disposal: ☐ Offsite ☒ Onsite

If 28, 29, or 30 are "Yes" a pit permit may be required.

Method: ☐ Land Farming ☐ Land Spreading ☐ Disposal Facility Other: Closed loop system will be

Note: The use of an earthen pit for Recompletion fluids requires a pit permit (Rule 905b). If air/gas drilling, notify local fire officials.

| Casing Type | Size of Hole | Size of Casing | Wt/Ft | Csg/Liner Top | Setting Depth | Sacks Cmt | Cmt Btm | Cmt Top |
|-------------|--------------|----------------|-------|---------------|---------------|-----------|---------|---------|
| CONDUCTOR   | 16           | 14             | 24#   | 0             | 60            | 100       | 60      | 0       |
| SURF        | 11           | 8+5/8          | 24#   | 0             | 470           | 300       | 470     | 0       |
| 1ST         | 7+7/8        | 5+1/2          | 14#   | 0             | 2,784         | 500       | 2,784   | 1,194   |
| OPEN HOLE   | 4+7/8        |                |       | 0             | 4,419         |           |         |         |

32. BOP Equipment Type: ☒ Annular Preventer ☐ Double Ram ☒ Rotating Head ☐ None

33. Comments Will be drilled from the Mansur 33-1 and 33-1-K pad. 1) the pad has been built. 2) The pits have been constructed. 3) There will be NO additional surface disturbance. 4) The well does not require a variance from any of the rules listed in Rule 306.d.(1).(A).(ii). 5) The location is NOT in a Wildlife Restricted Surface Occupancy Area.

34. Location ID: 334480

35. Is this application in a Comprehensive Drilling Plan ? ☐ Yes ☐ No

36. Is this application part of submitted Oil and Gas Location Assessment ? ☐ Yes ☒ No

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

Signed: \_\_\_\_\_ Print Name: David Cook

Title: Manager Date: 12/16/2011 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: David S. Neslin

Director of COGCC Date: 1/15/2012

#### API NUMBER

05 077 09471 00

Permit Number: \_\_\_\_\_ Expiration Date: 1/14/2014

#### CONDITIONS OF APPROVAL, IF ANY:

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.

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

(2) THE MOISTURE CONTENT OF ANY DRILL CUTTINGS IN A CUTTINGS PIT, TRENCH, OR PILE SHALL BE AS LOW AS PRACTICABLE TO PREVENT ACCUMULATION OF LIQUIDS GREATER THAN DE-MINIMIS AMOUNTS. AT THE TIME OF CLOSURE, THE DRILL CUTTINGS MUST ALSO MEET THE APPLICABLE STANDARDS OF TABLE 910-1.

(3) NO PORTION OF ANY PIT THAT WILL BE USED TO HOLD LIQUIDS SHALL BE CONSTRUCTED ON FILL MATERIAL, UNLESS THE PIT AND FILL SLOPE ARE DESIGNED AND CERTIFIED BY A PROFESSIONAL ENGINEER, SUBJECT TO REVIEW AND APPROVAL BY THE DIRECTOR PRIOR TO CONSTRUCTION OF THE PIT. THE CONSTRUCTION AND LINING OF THE PIT SHALL BE SUPERVISED BY A PROFESSIONAL ENGINEER OR THEIR AGENT. THE ENTIRE BASE OF THE PIT MUST BE IN CUT.

(4) THE SURFACE CASING IS MORE THAN 50' BELOW THE DEPTH OF THE DEEPEST WATER WELL WITHIN 1 -MILE OF THE SURFACE LOCATION WHEN CORRECTED FOR ELEVATION DIFFERENCES. THE DEEPEST WATER WELL WITHIN 1-MILE IS 122 FEET DEEP.

### **Attachment Check List**

| Att Doc Num | Name             |
|-------------|------------------|
| 400230488   | APD APPROVED     |
| 400241071   | FORM 2 SUBMITTED |

Total Attach: 2 Files

### **General Comments**

| <b><u>User Group</u></b> | <b><u>Comment</u></b>   | <b><u>Comment Date</u></b> |
|--------------------------|---|----------------------------|
| Permit                   | changed dist. to nearest well to 1600' and deleted spacing order for DKTA per oper.'s emailed instructions.<br>LGD/public comments waived. Final Comprehensive Review Status--passed. | 1/12/2012<br>10:42:41 AM   |
| Permit                   | Operator corrected the plugging bond number and entered that the well is not a sidetrack. This form has passed completeness.  | 12/21/2011<br>10:22:24 AM  |
| Permit                   | Returned to draft. Invalid plugging bond. Sidetrack? Well location plat shows the SHL is lot 6.   | 12/19/2011<br>7:09:09 AM   |

Total: 3 comment(s)

### **BMP**

| <b><u>Type</u></b> | <b><u>Comment</u></b> |
|--------------------|-----------------------|
|                    |                       |

Total: 0 comment(s)