

FORM

2

Rev  
12/05

## 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:

400391539

Date Received:

03/28/2013

PluggingBond SuretyID

20100130

## 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 ☐3. Name of Operator: ELM RIDGE EXPLORATION CO LLC4. COGCC Operator Number: 266255. Address: 12225 GREENVILLE AVE STE 950City: DALLAS State: TX Zip: 75243-93626. Contact Name: Terry Lindeman Phone: (505)632-3476 Fax: (505)632-8151Email: tlindeman@elmridge.net7. Well Name: IGE Well Number: 118

8. Unit Name (if appl): \_\_\_\_\_ Unit Number: \_\_\_\_\_

9. Proposed Total Measured Depth: 3446

## WELL LOCATION INFORMATION

10. QtrQtr: NW/4SW Sec: 18 Twp: 33N Rng: 7W Meridian: NLatitude: 37.100790 Longitude: -107.656010

Footage at Surface: 1427 feet FNL/FSL 963 feet FEL/FWL FWL

11. Field Name: Ignacio Blanco Field Number: 3830012. Ground Elevation: 6537 13. County: LA PLATA

## 14. GPS Data:

Date of Measurement: 12/08/2006 PDOP Reading: 1.9 Instrument Operator's Name: Scott Weibe15. If well is ☒ Directional ☐ Horizontal (highly deviated) **submit deviated drilling plan.**

Footage at Top of Prod Zone: FNL/FSL 2495 FSL 1895 FEL/FWL 2500 FSL 1900 FEL/FWL FWL  
 Sec: 18 Twp: 33N Rng: 7W Sec: 18 Twp: 33N Rng: 7W

16. Is location in a high density area? (Rule 603b)? ☐ Yes ☒ No17. Distance to the nearest building, public road, above ground utility or railroad: 486 ft18. Distance to nearest property line: 316 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 1250 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.)
Fruitland Coal	FRLDC	112-195	320	W/2

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):

NW/4SW/4, NE/4SW/4, SW/4SW/4, Sec. 18. T33N, R7W N. M. P. M.

25. Distance to Nearest Mineral Lease Line: 149 ft

26. Total Acres in Lease: 120

### 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, bury onsite

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
SURF	12+1/4	8+5/8	24#	0	262	400	262	0
1ST	7+7/8	5+1/2	17#	0	3,442	529	3,442	0

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

33. Comments No conductor casing associated with this well. Very little ground disturbance will occur. API# 067-09560 below was issued in 2008. This well was not drilled and the permit expired. This application is for a re-permitting.

34. Location ID: 311910

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: Robert D. Joyce

Title: Agent Date: 3/28/2013 Email: jlr@animas.net

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: 4/27/2013

#### API NUMBER

05 067 09560 00

Permit Number: \_\_\_\_\_ Expiration Date: 4/26/2015

#### 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) Provide 48 hour notice of spud via COGCC form 42
- 2) Provide cement coverage of production casing from TD to surface. Verify cement coverage with Cement Bond Log.
- 3) Run and submit Directional Survey from TD to kick-off point
- 4) The operator shall comply with Rule 321, and it shall be the operator's responsibility to ensure that the well bore complies with setback requirements in Commission orders and/or rules prior to producing the well.
- 5) Sample and test two closest water wells within 1/2 mile swath of the directional wellbore.
- 6) Operators are required to obtain a bottom hole pressure utilizing a bottom hole gauge after a minimum 48 hour shut-in period following completion and prior to sales
- 7) Comply with all applicable provisions of Order 112-195

### **Attachment Check List**

Att Doc Num	Name
400391539	FORM 2 SUBMITTED
400396814	DEVIATED DRILLING PLAN
400396815	30 DAY NOTICE LETTER
400396816	SURFACE AGRMT/SURETY
400396817	WELL LOCATION PLAT
400396818	FORM 2 SUBMITTED
400398530	DIRECTIONAL DATA

Total Attach: 7 Files

### **General Comments**

<b><u>User Group</u></b>	<b><u>Comment</u></b>	<b><u>Comment Date</u></b>
Permit	Final review completed; no LGD or public comment received.	4/24/2013 10:46:35 AM
Permit	Section is spaced for W/2 320 acre.	4/24/2013 10:45:51 AM
Permit	Directional plan survey did not post. Operator provided revised template.	3/29/2013 2:41:14 PM

Total: 3 comment(s)

## **BMP**

<b><u>Type</u></b>	<b><u>Comment</u></b>
Construction	<p>The IGE 118 well location will be expanding to the North and West of the existing Ute T #2 well into a relatively flat, non-irrigated field. Very little vegetation will be removed.</p> <p>Straw wattles will be placed around the perimeter of the well pad during construction operations where appropriate to control runoff and prevent sediment from flowing beyond the perimeter of the previously disturbed area.</p> <p>All equipment will be painted with a uniform, non-reflective paint that is darker than the adjacent landscape.</p> <p>Any disturbed area that is outside the permanent well pad will be reseeded with a weed-free seed mixture consistent with the surrounding area.</p> <p>Re-seeding will be done via drill seeding in flat areas and broadcast seeding on slopes.</p> <p>Re-seeding will be done in spring or summer</p> <p>Elm Ridge will control all noxious weeds as identified by the La Plata County weed technician.</p> <p>Elm Ridge will monitor the site after reclamation and spray for weeds as necessary.</p> <p>Methods of control will be pursuant to recommendations from the La Plata County weed control technician.</p>

Total: 1 comment(s)