

FORM

2

Rev  
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 ZONE ☐ COMMINGLE ZONE ☐

Refiling ☐  
Sidetrack ☐

Document Number:

400106653

Plugging Bond Surety

20090104

3. Name of Operator: PROSPECT ENERGY LLC 4. COGCC Operator Number: 103125. Address: 1600 STOUT ST STE 1710City: DENVER State: CO Zip: 802026. Contact Name: Robert Vincent Phone: (303)973-3229 Fax: (303)346-4893Email: rvincent@badminerals.com7. Well Name: MSSU Well Number: 7-1

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

9. Proposed Total Measured Depth: 5235

## WELL LOCATION INFORMATION

10. QtrQtr: SWSE Sec: 7 Twp: 8N Rng: 68W Meridian: 6Latitude: 40.669728 Longitude: -105.044624
Footage at Surface: 495 FNL/FSL FSL 1750 FEL/FWL FEL
11. Field Name: Fort Collins Field Number: 2510012. Ground Elevation: 5168 13. County: LARIMER

## 14. GPS Data:

Date of Measurement: 09/13/2010 PDOP Reading: 2.3 Instrument Operator's Name: Kristi McRedmond15. If well is ☐ Directional ☐ Horizontal (highly deviated) **submit deviated drilling plan.**
Footage at Top of Prod Zone: FNL/FSL 358 FSL 1227 FEL/FWL FEL Bottom Hole: FNL/FSL 352 FSL 1205 FEL/FWL FEL  
Sec: 7 Twp: 8N Rng: 68W Sec: 7 Twp: 8N Rng: 68W
16. Is location in a high density area? (Rule 603b)? ☐ Yes ☒ No17. Distance to the nearest building, public road, above ground utility or railroad: 495 ft18. Distance to nearest property line: 495 ft 19. Distance to nearest well permitted/completed in the same formation: 2160 ft

## 20. LEASE, SPACING AND POOLING INFORMATION

21. Mineral Ownership: ☒ Fee ☐ State ☐ Federal ☐ Indian Lease #: \_\_\_\_\_

22. Surface Ownership: ☒ Fee ☐ State ☐ Federal ☐ Indian

23. Is the Surface Owner also the Mineral Owner? ☐ Yes ☒ No Surface Surety ID#: 20090105

23a. If 23 is Yes: Is the Surface Owner(s) signature on the lease? ☐ Yes ☐ No

23b. If 23 is No ☐ Surface Owners Agreement Attached or ☐ \$25,000 Blanket Surface Bon ☐ \$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):  
See attached lease map Lease, Spacing, and Pooling Information: S 1/2 of the SE 1/4 80 Acre Spacing Unit.

25. Distance to Nearest Mineral Lease Line: 495 ft 26. Total Acres in Lease: 160

### 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 27 or 28 are yes, is this location in a sensitive area (Rule 903)? ☐ Yes ☐ No If 28, 29, or 30 are "Yes" a pit permit may be required.

31. Mud disposal: ☐ Offsite ☐ Onsite

Method: ☐ Land Farming ☐ Land Spreading ☐ Disposal Facility Other: No mud

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

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

33. Comments A Form 4 Sundry Notice detailing proposed recompletion work is attached. Prospect Energy is requesting a variance to Rule 318.a. (Variance Request letter and signed waiver attached). Prospect Energy owns the surface so a 30-day letter is not required.

34. Location ID: 307200

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: Mary C. Griggs

Title: Regulatory/Permitting Date: 11/11/2010 Email: mgriggs@badminerals.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: \_\_\_\_\_

#### API NUMBER

05 069 06310 00

Permit Number: \_\_\_\_\_ Expiration Date: \_\_\_\_\_

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.

**Attachment Check List**

Att Doc Num	Name	Doc Description
400106653	FORM 2 SUBMITTED	400106653.pdf
400106663	VARIANCE REQUEST	MSSU 7-1 Request to Director for Variance to Rule 318(a).pdf
400106664	LEASE MAP	MSSU 7-1 LEASE MAP.pdf
400106665	WAIVERS	MSSU 7-1 Except loc waiver.pdf
400106666	OTHER	MSSU 7-1 Form 4 11052010.pdf
400106667	DRILLING PLAN	MSSU 7-1 Form 4A 11052010.pdf
400106680	WELLBORE DIAGRAM	MSSU 30-9_Wellbore schematic_Niobrara planning_single stage.pdf

Total Attach: 7 Files