

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:

400026536

Plugging Bond Surety

20060021

3. Name of Operator: ROSETTA RESOURCES OPERATING LP 4. COGCC Operator Number: 10159

5. Address: 717 TEXAS STE 2800

City: HOUSTON State: TX Zip: 77002

6. Contact Name: Shawn Hildreth Phone: (713)335-4104 Fax: (281)763-2320
Email: shawn.hildreth@rosettaresources.com

7. Well Name: NEWTON Well Number: 18-08

8. Unit Name (if appl): _____ Unit Number: _____

9. Proposed Total Measured Depth: 2286

WELL LOCATION INFORMATION

10. QtrQtr: SENE Sec: 18 Twp: 1S Rng: 45W Meridian: 6

Latitude: 39.970290 Longitude: -102.451440

Footage at Surface: 1951 FNL/FSL FNL 709 FEL/FWL FEL

11. Field Name: DUKE Field Number: 18890

12. Ground Elevation: 3930 13. County: YUMA

14. GPS Data:

Date of Measurement: 11/01/2009 PDOP Reading: 1.7 Instrument Operator's Name: Chris Pearson

15. 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 _____

Sec: _____ Twp: _____ Rng: _____ Sec: _____ Twp: _____ Rng: _____

16. Is location in a high density area? (Rule 603b)? ☐ Yes ☒ No

17. Distance to the nearest building, public road, above ground utility or railroad: 1945 ft

18. Distance to nearest property line: 709 ft 19. Distance to nearest well permitted/completed in the same formation: 1405 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.)
Niobrara	NBRR			

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#: _____

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 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):
T1S, R45W, 6th PM, Sec 18:NE4

25. Distance to Nearest Mineral Lease Line: _____ 709 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: _____

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	Weight Per Foot	Setting Depth	Sacks Cement	Cement Bottom	Cement Top
SURF	9+7/8	7	17	410	180	410	0
1ST	6+1/8	4+1/2	10.5	2,286	90	2,286	1,886

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

33. Comments No conductor casing will be used.

34. Location ID: _____

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: Shawn Hildreth

Title: Regulatory Analyst Date: 1/13/2010 Email: shawn.hildreth@rosettaresearch.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. Nash Director of COGCC Date: 2/26/2010

API NUMBER

05 125 11759 00

Permit Number: _____ Expiration Date: 2/25/2012

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 24 hr notice of spud to Mike Leonard at 719-767-2805 or e-mail mike.leonard@state.co.us. 2) Note change in surface casing depth: Set at least 410' of surface casing (50' deeper than water wells w/in 1 mile, and must be at least 50' into Pierre Shale). Cement to surface. 3) If completed, provide cement coverage from TD to a minimum of 200' above Niobrara. Verify coverage with cement bond log. 4) If dry hole, set 35 sks cement 50' above Niobrara top, 35 sks cement ½ out, ½ in surface casing, 10 sks cement at top of surface casing, cut casing 4' below GL, weld on plate, 5 sks cement in rat hole & 5 sks cement in mouse hole.

Attachment Check List

Att Doc Num	Name	Doc Description
2099014	SURFACE CASING CHECK	LF@2241786 2099014
400026548	PLAT	LF@2217443 400026548
400026549	TOPO MAP	LF@2217444 400026549
400026550	30 DAY NOTICE LETTER	LF@2217445 400026550
400028485	SURFACE AGRMT/SURETY	LF@2217446 400028485
400028487	FORM 2 SUBMITTED	LF@2217447 400028487

Total Attach: 6 Files