

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:

400034369

Plugging Bond Surety

20090069

3. Name of Operator: DELTA PETROLEUM CORPORATION 4. COGCC Operator Number: 168005. Address: 370 17TH ST STE 4300City: DENVER State: CO Zip: 802026. Contact Name: Kallasandra Moran Phone: (303)575-0323 Fax: (303)575-0324Email: kmoran@deltapetro.com7. Well Name: BCU Well Number: 13-4238. Unit Name (if appl): Buzzard Creek Unit Number: COC 47597A9. Proposed Total Measured Depth: 8559

## WELL LOCATION INFORMATION

10. QtrQtr: NENE Sec: 13 Twp: 9S Rng: 93W Meridian: 6Latitude: 39.280620 Longitude: -107.714980
 Footage at Surface: 299 FNL/FSL FNL 526 FEL/FWL FEL
11. Field Name: Buzzard Creek Field Number: 950012. Ground Elevation: 7395 13. County: MESA

## 14. GPS Data:

Date of Measurement: 04/08/2008 PDOP Reading: 0.0 Instrument Operator's Name: Ted T. Taggart/Wasatch Surveying15. If well is ☒ Directional ☐ Horizontal (highly deviated) **submit deviated drilling plan.**
 Footage at Top of Prod Zone: FNL/FSL 2442 FNL 959 FEL 2442 FNL 959 FEL  
 Bottom Hole: FNL/FSL 2442 FNL 959 FEL  
 Sec: 13 Twp: 9S Rng: 93W Sec: 13 Twp: 9S Rng: 93W
16. Is location in a high density area? (Rule 603b)? ☐ Yes ☒ No17. Distance to the nearest building, public road, above ground utility or railroad: 252 ft18. Distance to nearest property line: 200 ft 19. Distance to nearest well permitted/completed in the same formation: 669 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.)
Mesa Verde	MVRD	369-5	480	N2,N2S2

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 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 Mineral Lease Description

25. Distance to Nearest Mineral Lease Line: 959 ft 26. Total Acres in Lease: 320

### 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: Closed loop

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
CONDUCTOR	24	16	55	60	200	60	0
SURF	12+1/4	8+5/8	24,32	2,200	740	2,200	0
1ST	7+7/8	4+1/2	11.6	8,559	477	8,559	5,331

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

33. Comments #14 – GPS Data: No PDOP reading is available as per Surveyor - Control for survey was established using differentially corrected GPS from an Opus based control network. Well location was established using non-GPS conventional methods, therefore no PDOP reading was taken.  
Casing plan – Production casing top of cement will be > 500' above top of gas.  
I certify that all conditions in the original permit are the same. There have been no changes to land use or well constuction. The site has not been built.

34. Location ID: 334478

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: Kallasandra Moran

Title: Permit Representative Date: \_\_\_\_\_ Email: kmoran@deltapetro.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**

05 077 09966 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
400043175	30 DAY NOTICE LETTER	Pad 13A - 30 Day Letter - 1-27-2010.pdf

Total Attach: 1 Files