

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:

400267259

Date Received:

04/16/2012

## 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 ☐

PluggingBond SuretyID

20090069

3. Name of Operator: DELTA PETROLEUM CORPORATION

4. COGCC Operator Number: 16800

5. Address: 370 17TH ST STE 4300

City: DENVER State: CO Zip: 80202

6. Contact Name: Julie Webb Phone: (616)813-5063 Fax: (303)298-8251

Email: jwebb@progressivepcs.net

7. Well Name: BCU Well Number: 13-412

8. Unit Name (if appl): Buzzard Creek Unit Number: COC 47597A

9. Proposed Total Measured Depth: 8225

## WELL LOCATION INFORMATION

10. QtrQtr: NENE Sec: 13 Twp: 9S Rng: 93W Meridian: 6

Latitude: 39.280670 Longitude: -107.715030

Footage at Surface: 289 feet FNL/FSL FNL 540 feet FEL/FWL FEL

11. Field Name: Buzzard Creek Field Number: 9500

12. 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

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  
 675 FNL 791 FEL 675 FNL 791 FEL  
 Sec: 13 Twp: 9S Rng: 93W Sec: 13 Twp: 9S Rng: 93W

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: 350 ft

18. Distance to nearest property line: 350 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 609 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.)
Iles	ILES	369-5		
Williams Fork	WMFK	369-5		

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 ☐ 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):

See attached lease description on original APD

25. Distance to Nearest Mineral Lease Line: 719 ft

26. Total Acres in Lease: 300

### 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

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	24	16	55	0	60	200	60	0
SURF	12+1/4	8+5/8	24	0	2,200	740	2,200	0
1ST	7+7/8	4+1/2	11	0	8,225	477	8,225	5,301

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

33. Comments I certify that all conditions in the original permit are the same. There have been no changes to land use, well construction or the lease. This pad is built. No expansion or additional disturbance will occur. Closed loop system will be used. An existing 2A, doc # 400035665, has an expiration date of 4/27/2013.

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: jwebb@progressivepcs.net

Title: Regulatory Analyst Date: 4/16/2012 Email: jwebb@progressivepcs.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:  Director of COGCC Date: 5/16/2012

#### API NUMBER

05 077 09963 00

Permit Number: \_\_\_\_\_ Expiration Date: 5/15/2014

#### 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) GARFIELD COUNTY RULISON FIELD NOTICE TO OPERATORS. NOTE: ALL NOTICES SHALL BE GIVEN VIA E-MAIL. SEE ATTACHED NOTICE

3) COMPLIANCE WITH THE NOTICE TO OPERATORS DRILLING WELLS IN THE BUZZARD, MAMM CREEK, AND RULISON FIELDS, GARFIELD COUNTY AND MESA COUNTY – PROCEDURES AND SUBMITTAL REQUIREMENTS FOR COMPLIANCE WITH COGCC ORDER NOS. 1-107, 139-56, 191-22, AND 369-2 (JULY 8, 2010) -- IS REQUIRED. SEE ATTACHED NOTICE.

4) THE PROPOSED 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 310 FEET DEEP.

Surface hole location plots approximately 260' southeast of constructed pad on arials due to non-GPS conventional survey methods in 2008 with no PDOP.

Prior to spud operator will obtain approval of a Sundry Notice Form 4 with accurate surface hole location GPS data, revised well location plat and revised deviated drilling plan.

### **Attachment Check List**

Att Doc Num	Name
400267259	FORM 2 SUBMITTED
400269216	30 DAY NOTICE LETTER

Total Attach: 2 Files

### **General Comments**

<b><u>User Group</u></b>	<b><u>Comment</u></b>	<b><u>Comment Date</u></b>
Permit	LGD/pub. comments waived. Location in Buzzard Crk. Unit; spacing order 369-5 established 100' setbacks to unit boundary. Final Review--passed.	5/14/2012 2:25:47 PM
Permit	BCU Pad #13A (Location 334478) has not been constructed, but has an approved Form 2A. If location 334478 is not built by 2A expiration (4/27/2013), operator must refile Form 2A for approval prior to construction.	5/10/2012 7:57:31 AM
Permit	Removed unit acreage & config., changed obj. fm. to WMFK & ILES, not MVRD. Spacing Order 369-5 established setbacks in fed. unit only. Added related 2A. Changed dist. to prop. line to 350' and dist. to nearest road to 350' to agree w/ 2A per oper.'s instructions.	5/8/2012 11:01:17 AM
Permit	Operator corrected operator comments, entered #23, and JW is now an agent. This form has passed completeness.	4/23/2012 9:32:01 AM
Permit	Returned to draft. Julie Webb is not a designated agent, operator incorrectly states this area as not being in a RSO, missing #23, and related forms missing.	4/17/2012 10:14:32 AM

Total: 5 comment(s)

### **BMP**

<b><u>Type</u></b>	<b><u>Comment</u></b>

Total: 0 comment(s)