

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



DE	ET	OE	ES
Document Number: 400207734			
PluggingBond SuretyID 20090069			

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: DELTA PETROLEUM CORPORATION 4. COGCC Operator Number: 16800
5. Address: 370 17TH ST STE 4300
City: DENVER State: CO Zip: 80202
6. Contact Name: Jennifer Barnett Phone: (303)578-2536 Fax: ()
Email: jbarnett@progressivepcs.net
7. Well Name: NBC Elk Ranch Well Number: 17-23D
8. Unit Name (if appl): _____ Unit Number: _____
9. Proposed Total Measured Depth: 13819

WELL LOCATION INFORMATION

10. QtrQtr: SENW Sec: 17 Twp: 9S Rng: 93W Meridian: 6
Latitude: 39.278533 Longitude: -107.793375

Footage at Surface: 2019 feet FNL 2552 feet FWL

11. Field Name: Buzzard Creek Field Number: 9500
12. Ground Elevation: 7278 13. County: MESA

14. GPS Data:

Date of Measurement: 09/22/2011 PDOP Reading: 3.0 Instrument Operator's Name: Kyle Tesky

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
1965 FSL 1909 FWL 1965 FSL 1909 FWL
Sec: 17 Twp: 9S Rng: 93W Sec: 17 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: 422 ft

18. Distance to nearest property line: 610 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 929 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.)
Dakota	DKTA			
Iles	ILES	369-5	480	W/2, NE/4
Mancos	MNCS			
Niobrara	NBRR			
Williams Fork	WMFK	369-5	480	W/2, NE/4

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):

T9S, R93W, 6th P.M.: Sec. 17: E/2SW/4, SW/4SW/4, except that portion of the S/2SW/4 lying south of County Road No. 330E., Sec. 18: SE/4SE/4

25. Distance to Nearest Mineral Lease Line: 660 ft 26. Total Acres in Lease: 152

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	60	60	0
SURF	17+1/2	13+3/8	68	0	2,200	1,240	2,200	0
1ST	12+1/4	9+5/8	53.5, 47	0	9,000	1,300	9,000	1,800
2ND	8+1/2	5	23.2	8700	13,819	920	13,819	9,500

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

33. Comments A closed loop system will be used for the drilling fluids. There will be a pit used to bury cuttings onsite if they meet Table 910 standards. A 30 day notice letter is not attached because the surface owner waived it in the SUA.

34. Location ID: 425092

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: Jennifer Barnett

Title: Regulatory Agent Date: 10/2/2011 Email: jbarnett@progressivepcs.net

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. Neslin Director of COGCC Date: 10/28/2011

API NUMBER

05 077 10187 00

Permit Number: _____ Expiration Date: 10/27/2013

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) 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.

3) 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 185 FEET DEEP.

Attachment Check List

Att Doc Num	Name
400207734	FORM 2 SUBMITTED
400210412	WELL LOCATION PLAT
400210494	TOPO MAP
400210495	SURFACE AGRMT/SURETY
400210496	DEVIATED DRILLING PLAN

Total Attach: 5 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	LGD/pub. comm. waived. Final Comprehensive Review Status--passed.	10/26/2011 7:24:24 AM
Permit	ready to approve in permitting when OGLA passes 2A.	10/24/2011 9:47:37 AM

Total: 2 comment(s)

BMP

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

Total: 0 comment(s)