

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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Document Number:

2583069

Plugging Bond Surety

20060026

## 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 ☒

3. Name of Operator: EL PASO E &amp; P COMPANY LP

4. COGCC Operator Number: 100872

5. Address: 1001 LOUISIANA ST

City: HOUSTON State: TX Zip: 77002

6. Contact Name: MARIE OKEEFE Phone: (303)291-6417 Fax: (303)291-6485

Email: MARIE.OKEEFE@ELPASO.COM

7. Well Name: CDOW Well Number: 11-13-10-76

8. Unit Name (if appl): BALD HILL FED. Unit Number: COC74414X

9. Proposed Total Measured Depth: 15150

## WELL LOCATION INFORMATION

10. QtrQtr: NESW Sec: 13 Twp: 10S Rng: 76W Meridian: 6

Latitude: 39.177280 Longitude: -105.839080

 Footage at Surface: 1980 FNL/FSL 1980 FEL/FWL  
 FSL FWL

11. Field Name: WILDCAT Field Number: 99999

12. Ground Elevation: 9176 13. County: PARK

## 14. GPS Data:

Date of Measurement: 03/13/2009 PDOP Reading: 1.2 Instrument Operator's Name: RYAN ALLRED

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  
 1285 FSL 1885 FWL 1758 FSL 1228 FWL  
 Sec: 24 Twp: 10S Rng: 76W Sec: 24 Twp: 10S Rng: 76W
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: 1687 ft

18. Distance to nearest property line: 688 ft 19. Distance to nearest well permitted/completed in the same formation: 2435 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.)
NIORARA-CODELL	NB-CD			
PIERRE	PRRE			

21. Mineral Ownership: ☐ Fee ☒ State ☐ Federal ☐ Indian Lease #: 8334

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):  
13-10S-76W- SW/4

25. Distance to Nearest Mineral Lease Line: 688 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: MIX, BURY, COVER

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	26	20	94	70	110	70	0
SURF	17+1/2	13+3/8	54.5	500	340	500	0
1ST	12+1/4	9+5/8	40	5,140	590	5,140	
2ND	6+1/8	4+1/2	13.5	5,000	820	15,150	5,000
3RD	8+3/4	7	29	5,000	310	10,171	5,000
1ST LINER	8+3/4	7	29	10,171	310	10,171	5,000
2ND LINER	6+1/8	4+1/2	13.5	5,000	820	15,150	5,000

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

33. Comments CDOW SUA SIGNATURE PAGE ATTACHED TO FORM 2A. BONDED WITH COLORADO LAND BOARD.

34. Location ID: 414130

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: MARIE OKEEFE

Title: REGULATORY Date: 7/15/2010 Email: MARIE.OKEEFE@ELPASO.C

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: 8/24/2010

**API NUMBER**

05 093 06010 01

Permit Number: \_\_\_\_\_

Expiration Date: 8/23/2012**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.

PROVIDE 24 HOUR NOTICE OF MIRU TO MIKE LEONARD 719-647-9715 OR E-MAIL  
MIKE.LEONARD@STATE.CO.US

2) IF COMPLETED, PROVIDE CEMENT COVERAGE OF PRODUCTION CASING FROM TD TO A MINIMUM OF 200' ABOVE INTERMEDIATE CASING SHOE. VERIFY COVERAGE WITH CEMENT BOND LOG.

3) IF DRY HOLE, SET 50 SKS CEMENT 50' ABOVE NIOPRARA TOP, 60 SKS CEMENT STRADDLING INTERMEDIATE CASING SHOE, 40 SACKS AT 550' INSIDE INTERMEDIATE CASING, 15 SKS CEMENT AT 50' UP IN TOP OF WELL INSIDE/OUTSIDE INTERMEDIATE CASING, CUT 4' BELOW GL, WELD ON PLATE, 5 SKS CEMENT IN RAT HOLE & 5 SKS CEMENT IN MOUSE HOLE.

4) USE CLOSED LOOPED DRILLING SYSTEM OR LINE RESERVE PIT.

**Attachment Check List**

Att Doc Num	Name	Doc Description
2583069	APD APPROVED	LF@2529230 2583069
2583070	DRILLING PLAN	LF@2508174 2583070
2583071	DEVIATED DRILLING PLAN	LF@2508175 2583071
2586333	WELL LOCATION PLAT	LF@2527665 2586333
400087389	APD ORIGINAL	LF@2508173 400087389

Total Attach: 5 Files

**General Comments**

User Group	Comment	Comment Date
Permit	PERMITTING PASSED	8/23/2010 12:15:33 PM
Permit	Surface Restoration Bond on file with SLB, per Tim Kelly	8/23/2010 10:57:31 AM
Permit	Emailed Tim Kelly at SLB for verification of Surface Restoration Bond Delete Pierre, Benton and the Dakota formations; horizontal well; add distance to nearest well and Plugging Bond# per Operator	8/20/2010 1:25:40 PM

Total: 3 comment(s)