

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

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:
2583063
Plugging Bond Surety
20060026

3. Name of Operator: EL PASO E & 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: 12500

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 FSL 1980 FEL/FWL 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 _____

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: 1687 ft

18. Distance to nearest property line: 688 ft 19. Distance to nearest well permitted/completed in the same formation: 2435 mi

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.)
BENTON	BENTN			
DAKOTA	DKTA			
NIOBRARA-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	260	500	0
1ST	12+1/4	9+5/8	40	5,200	590	5,200	0
2ND	8+3/4	7	29	12,500	730	12,500	5,000

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

33. Comments COW 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 00

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.

- 1) 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 DAKOTA 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
2583059	TOPO MAP	LF@2508185 2583059
2583063	APD ORIGINAL	LF@2508176 2583063
2583065	WELL LOCATION PLAT	LF@2508177 2583065
2583066	SURFACE AGRMT/SURETY	LF@2508178 2583066
2583067	OTHER	LF@2508179 2583067
2583068	OTHER	LF@2508180 2583068

Total Attach: 6 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	PERMITTING PASSED	8/23/2010 12:21:05 PM
Permit	Surface Restoration Bond on file with SLB, per Tim Kelly	8/23/2010 12:20:47 PM
Permit	Emailed Tim Kelly at SLB for verification of Surface Restoration Bond	8/20/2010 1:27:46 PM

Total: 3 comment(s)

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