

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 ☐

Refilling ☐
Sidetrack ☐

Document Number:

400096192

Plugging Bond Surety

19770003

3. Name of Operator: ANTELOPE ENERGY COMPANY LLC

4. COGCC Operator Number: 3250

5. Address: P O BOX 577

City: KIMBALL State: NE Zip: 69145

6. Contact Name: Venessa Langmacher Phone: (303)857-9999 Fax: (303)450-9200
Email: vlpermitco@aol.com

7. Well Name: State Well Number: 7-62-16

8. Unit Name (if appl): Unit Number:

9. Proposed Total Measured Depth: 7400

WELL LOCATION INFORMATION

10. QtrQtr: SESE Sec: 16 Twp: 7N Rng: 62W Meridian: 6

Latitude: 40.568600 Longitude: -104.319730

Footage at Surface: 660 FNL/FSL 660 FEL/FWL
FSL FEL

11. Field Name: Wildcat Field Number: 99999

12. Ground Elevation: 4913 13. County: WELD

14. GPS Data:

Date of Measurement: 09/02/2010 PDOP Reading: 1.7 Instrument Operator's Name: Darren Veal

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: 634 ft

18. Distance to nearest property line: 660 ft 19. Distance to nearest well permitted/completed in the same formation: 4011 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.)
Codell	CODL		40	SESE
J Sand	JSND		40	SESE

21. Mineral Ownership: ☐ Fee ☒ State ☐ Federal ☐ Indian Lease #: 8426.5

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):
T7N-R62W: Section 16: All

25. Distance to Nearest Mineral Lease Line: 660 ft 26. Total Acres in Lease: 640

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: Evaporation and Burial

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
SURF	13+3/8	9+5/8	36	500	325	500	0
1ST	8+3/4	7+0/0	23	7,400	275	7,400	6,000

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

33. Comments No conductor casing will be set. E-mailed Tim Kelly at SLB for verification of Surface Restoration bond.

34. Location ID: _____

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: Venessa Langmacher

Title: Regulatory Supervisor Date: 10/1/2010 Email: vllpermitco@aol.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: David S. Neslin Director of COGCC Date: 10/31/2010

API NUMBER

05 123 32489 00

Permit Number: _____ Expiration Date: 10/30/2012

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 hr notice of spud and if DA to Bo Brown at 970-397-4124 or e-mail at bo.brown@state.co.us .
- 2) If completed, provide cement coverage from TD to a minimum of 200' above Niobrara. Verify coverage with cement bond log.
- 3) If dry hole, set 60 sks cement from 50' below J Sand base to 100' above J Sand top, 40 sks cement 50' above Niobrara top, tag 50 sks cement ½ out, ½ in surface casing, 10 sks cement top of surface casing, cut 4' below GL, weld on plate, 5 sks cement in rat hole & 5 sks cement in mouse hole. Restore surface location.

Attachment Check List

Att Doc Num	Name	Doc Description
400096192	FORM 2 SUBMITTED	LF@2596389 400096192
400096808	WELL LOCATION PLAT	LF@2596390 400096808

Total Attach: 2 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Operator chose a 40 acre unit in the SESE	10/12/2010 10:47:05 AM
Permit	Surface Restoration Bond on file with SLB; per Tim Kelly	10/12/2010 10:29:25 AM
Permit	E-mailed Tim Kelly at SLB for verification of Surface Restoration bond.	10/12/2010 10:25:29 AM
Permit	Operator muust declare a unit of at least 40 acres within the GWA.	10/12/2010 7:20:41 AM

Total: 4 comment(s)

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