

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:

2586309

Plugging Bond Surety

20100117

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: SUNDANCE ENERGY INC

4. COGCC Operator Number: 10340

5. Address: 380 INTERLOCKEN CRESCENT - STE #601

City: BROOMFIELD State: CO Zip: 80021

6. Contact Name: BRETT A. MURRAY Phone: (303)543-5700 Fax: (303)543-5701
Email: BMURRAY@SUNDANCEENERGY.NET

7. Well Name: PARKER Well Number: #L-1

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

9. Proposed Total Measured Depth: 7650

WELL LOCATION INFORMATION

10. QtrQtr: SWNE Sec: 29 Twp: 16S Rng: 54W Meridian: 6

Latitude: 38.634300 Longitude: -103.473730

Footage at Surface: 1925 FNL/FSL FSL 1959 FEL/FWL FWL

11. Field Name: WILDCAT Field Number: 99999

12. Ground Elevation: 4674 13. County: LINCOLN

14. GPS Data:

Date of Measurement: 05/21/2010 PDOP Reading: 2.5 Instrument Operator's Name: E. JOHNSON

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: 1300 ft

18. Distance to nearest property line: 681 ft 19. Distance to nearest well permitted/completed in the same formation: 5280 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.)
CHEROKEE	CHRK			
LANSING	LNSNG			
MARMATON	MRTN			
MORROW	MRRW			

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 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):
N/2, SE/4 OF SECTION 29, T16S, R54W, 6TH PM

25. Distance to Nearest Mineral Lease Line: 976 ft 26. Total Acres in Lease: 480

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: _____

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	12+1/4	8+5/8	24	436	200	436	0
1ST	7+7/8	4+1/2	11.6	6,750	250	6,750	4,500

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

33. Comments No conductor casing will be set.

34. Location ID: 387075

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: BRETT A. MURRAY

Title: LAND MANAGER Date: 7/15/2010 Email: BMURRAY@SUNDANCEENE

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: 9/12/2010

API NUMBER

05 073 06182 00

Permit Number: _____ Expiration Date: 9/11/2012

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 Craig Quint at 719-767-8939 or e-mail at craig.quint@state.co.us.
- 2) If production casing is set provide cement coverage to at least 200' above shallowest completed interval and stage cement Cheyenne/Dakota interval (2650'-2050' minimum). Run and submit CBL to verify cemented intervals.
- 3) If well is a dry hole set plugs at the following depths: 40 sks cement at the top of Mississippian, 40 sks cement at the top of the Lansing, 40 sks cement across any DST w/ show, 40 sks cement 100' below Cheyenne (2650' up), 40 sks cement 50' above top of Dakota (2050' up), 50 sks cement from 50' below surface casing shoe up into surface casing, 15 sks cement in top of surface casing, cut 4 ft below GL, weld on plate, 5 sks cement each in rat hole and mouse hole.

Attachment Check List

Att Doc Num	Name	Doc Description
2586309	APD ORIGINAL	LF@2526474 2586309
2586311	WELL LOCATION PLAT	LF@2526475 2586311
2586313	SURFACE AGRMT/SURETY	LF@2526478 2586313
2586314	30 DAY NOTICE LETTER	LF@2526479 2586314
2586315	CONSULT NOTICE	LF@2526480 2586315
2586317	TOPO MAP	LF@2526476 2586317
2586323	MINERAL LEASE MAP	LF@2526477 2586323

Total Attach: 7 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Engineer	Changed the PTMD from 7650' to 6750' to match the 1985 Form 5, surface casing from 417' to 436' to match the 1985 DIL, and cement sacks from 305 to 200 to match the 1985 Form 5. Operator agreed with the changes in emails 9/7/10.	9/7/2010 4:53:05 PM
Permit	PERMITTING PASSED	8/26/2010 9:42:26 AM
Permit	Operator gave permission to add/change the following: Bond Number, Loc ID#, Well Name and Number, Mud Disposal Method, add verbiage no conductor will be set, change single zone to multiple zone.	8/26/2010 9:38:09 AM
Permit	Waiting on information from operator to add the following: Bond Number, Loc Id#, Mud Disposal method, conductor casing verbiage, add related forms name.	8/20/2010 5:14:51 PM

Total: 4 comment(s)

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