

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:

400153983

Plugging Bond Surety

20110078

3. Name of Operator: DAKOTA EXPLORATION LLC

4. COGCC Operator Number: 10354

5. Address: 8801 S. YALE AVENUE, SUITE 120

City: TULSA State: OK Zip: 74137

6. Contact Name: Fabrianna Venaducci Phone: (303)2790789 Fax: (303)2791124
Email: fabrianna@jameskaro.com

7. Well Name: State Well Number: 6-81-24-4

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

9. Proposed Total Measured Depth: 8501

WELL LOCATION INFORMATION

10. QtrQtr: NWNW Sec: 24 Twp: 6N Rng: 81W Meridian: 6

Latitude: 40.480070 Longitude: -106.441020

Footage at Surface: 627 feet FNL/FSL 1376 feet FEL/FWL FWL

11. Field Name: wildcat Field Number: 99999

12. Ground Elevation: 8374 13. County: JACKSON

14. GPS Data:

Date of Measurement: 10/17/2011 PDOP Reading: 1.7 Instrument Operator's Name: Randall Miller

15. If well is ☐ Directional ☒ Horizontal (highly deviated) **submit deviated drilling plan.**

Footage at Top of Prod Zone: FNL/FSL 1245 FNL 1376 FWL 2083 FSL 1351 FWL
Sec: 24 Twp: 6N Rng: 81W Sec: 24 Twp: 6N Rng: 81W

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: 820 ft

18. Distance to nearest property line: 672 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.)
Carlile	CARL			
Codell Sand	CODL			
Dakota Sandstone	DKTA			
Frontier Sand	FRTR			
Muddy J	MDDY J			
Niobrara	NBRR			

21. Mineral Ownership: ☐ Fee ☒ State ☐ Federal ☐ Indian Lease #: 9000.6

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):
T6n, R81W, Sec 24: NW, N2SW, 6th PM

25. Distance to Nearest Mineral Lease Line: 743 ft 26. Total Acres in Lease: 240

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: _____

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
SURF	12+1/4	9+5/8	36	0	700	190	700	0
1ST	8+3/4	7+0/0	23	0	6,174	120	6,174	5,000
1ST LINER	6+1/8	4+1/2	11.6	6174	8,501			

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

33. Comments 1st liner string as listed in casing type will have 9 wellable packers and liner top packer hanging in 7" casing. Nearest railroad is more than 5280. Connects to the State 6-81-24-4 Tank Battery which shares pad with well. Surface Owner is State of Colorado and does not require a Surface Use Agreement, however, consultation has occurred and a \$5000 bond is being filed at the State Land Board concurrent with the filing of this application.

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: Fabrianna Venaducci

Title: Contract Landman Date: _____ Email: fabrianna@jameskaro.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: _____ Director of COGCC Date: _____

API NUMBER

05

Permit Number: _____ Expiration Date: _____

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.

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Attachment Check List

Att Doc Num	Name
400157169	PLAT
400157171	PLAT
400157397	DEVIATED DRILLING PLAN
400157399	MINERAL LEASE MAP

Total Attach: 4 Files

General Comments

User Group	Comment	Comment Date

Total: 0 comment(s)

BMP

Type	Comment

Total: 0 comment(s)