

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:

400084036

Plugging Bond Surety

20100082

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: SLAWSON EXPLORATION COMPANY INC

4. COGCC Operator Number: 10334

5. Address: 1675 BROADWAY - SUITE 1600

City: DENVER State: CO Zip: 80202

6. Contact Name: Terry L. Hoffman Phone: (303)250-0619 Fax: (303)412-8212

Email: tlhoffman@q.com

7. Well Name: Dynamo Well Number: 4-9-65

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

9. Proposed Total Measured Depth: 11424

WELL LOCATION INFORMATION

10. QtrQtr: SESE Sec: 4 Twp: 9N Rng: 65W Meridian: 6

Latitude: 40.770169 Longitude: -104.660323

Footage at Surface: 600 FNL/FSL FSL FEL/FWL 600 FEL FEL

11. Field Name: Wildcat Field Number: 99999

12. Ground Elevation: 5194 13. County: WELD

14. GPS Data:

Date of Measurement: 05/25/2010 PDOP Reading: 4.6 Instrument Operator's Name: David J. Murrey/GeoSurv

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

Footage at Top of Prod Zone: FNL/FSL 619 FSL FSL FEL/FWL 1076 FEL FEL Bottom Hole: FNL/FSL 725 FSL FSL FEL/FWL 650 FEL FEL
Sec: 4 Twp: 9N Rng: 65W Sec: 4 Twp: 9N Rng: 65W

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: 590 ft

18. Distance to nearest property line: 600 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.)
Niobrara	NBRR			

21. Mineral Ownership: ☐ Fee ☒ State ☐ Federal ☐ Indian Lease #: 8677.5

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):
T9N R65W Section 4: SW, NESE, S2SE

25. Distance to Nearest Mineral Lease Line: 650 ft 26. Total Acres in Lease: 280

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	13+1/2	9+5/8	36	1,290	480	1,290	0
1ST	8+3/4	7	26	7,860	180	7,860	6,100
1ST LINER	6	4+1/2	11.6	11,394	0		

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

33. Comments No Conductor will be set. Any measurement 5280' is one mile or greater.

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: Terry L. Hoffman

Title: Permit Agent Date: 8/20/2010 Email: tlhoffman@q.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: 9/12/2010

API NUMBER

05 123 32208 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 Ed Binkley at 970-506-9834 or e-mail at ed.binkley@state.co.us
- 2) Set at least 1290' of surface casing per Rule 317A, cement to surface.
- 3) Comply with Rule 317.i and provide cement coverage from TD to a minimum of 200' above Niobrara. Verify coverage with cement bond log.
- 4) Comply with Rule 321. Run and submit Directional Survey from TD to base of surface casing. Ensure wellbore complies with setback requirements in commission orders or rules prior to producing the well.

Attachment Check List

Att Doc Num	Name	Doc Description
2510510	SURFACE CASING CHECK	LF@2535226 2510510
2529498	WELL LOCATION PLAT	LF@2535785 2529498
400084036	FORM 2 SUBMITTED	LF@2527548 400084036
400084101	DEVIATED DRILLING PLAN	LF@2527550 400084101
400085969	30 DAY NOTICE LETTER	LF@2527551 400085969

Total Attach: 5 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	received new survey plat depicting trajectory of the lateral.	9/3/2010 12:50:05 PM
Permit	Directional survey does not match the survey plat and does not match the bottom hole.	9/2/2010 7:46:05 AM

Total: 2 comment(s)

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