

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 ☒

Refiling ☐
Sidetrack ☐

Document Number:

2093342

Plugging Bond Surety

19860025

3. Name of Operator: TOP OPERATING COMPANY

4. COGCC Operator Number: 39560

5. Address: 10881 ASBURY AVE STE 230

City: LAKEWOOD State: CO Zip: 80227

6. Contact Name: MURRAY HERRING Phone: (303)727-9915 Fax: (303)727-9925
Email: TOPOPRTNGF@AOL.COM

7. Well Name: HALEY Well Number: 2

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

9. Proposed Total Measured Depth: 7800

WELL LOCATION INFORMATION

10. QtrQtr: NWSW Sec: 20 Twp: 3N Rng: 68W Meridian: 6

Latitude: 40.209260 Longitude: -105.034010

Footage at Surface: 1971 FNL/FSL FSL 654 FEL/FWL FWL

11. Field Name: WATTENBERG Field Number: 90750

12. Ground Elevation: 5075 13. County: WELD

14. GPS Data:

Date of Measurement: 12/14/2009 PDOP Reading: 2.3 Instrument Operator's Name: MICHAEL FEIOGNBAUM

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

Footage at Top of Prod Zone: FNL/FSL 663 FSL 1996 FEL/FWL FWL Bottom Hole: FNL/FSL 663 FSL 1996 FEL/FWL FWL
Sec: 20 Twp: 3N Rng: 68W Sec: 20 Twp: 3N Rng: 68W

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: 620 ft

18. Distance to nearest property line: 654 ft 19. Distance to nearest well permitted/completed in the same formation: 1876 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.)
J SAND	JSND	232-23	320	S/2
NIOBRARA	NBRR	407-66	320	S/2

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 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):
T3N, R68W, 6TH PM SEC.19 & 20. (SEE ATTACHMENT FOR DETAILED DESCRIPTION)

25. Distance to Nearest Mineral Lease Line: 654 ft 26. Total Acres in Lease: 443

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
CONDUCTOR	18	15		10	10	10	0
SURF	12+1/4	8+5/8	24	400	255	400	0
1ST	7+7/8	4+1/2	11.6	7,800	350	7,799	6,500

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

33. Comments DEPTHS ARE VERTICAL

34. Location ID: 318870

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: MURRAY HERRING

Title: V.P. Date: 1/4/2010 Email: TOPOPRTNGF@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: 1/29/2010

API NUMBER

05 123 31089 00

Permit Number: _____ Expiration Date: 1/28/2012

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) Note surface casing setting depth change from 350' to 400'. Increase cement coverage accordingly and cement to surface. 2) Provide 24 hour notice of MIRU to Bo Brown at 970-397-4124 or e-mail at bo.brown@state.co.us. 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 that the wellbore complies with setback requirements in commission orders or rules prior to producing the well.

Attachment Check List

Att Doc Num	Name	Doc Description
2093344	WELL LOCATION PLAT	LF@2202676 2093344
2093345	LEGAL/LEASE DESCRIPTION	LF@2202677 2093345
2093346	30 DAY NOTICE LETTER	LF@2202678 2093346
2093347	DEVIATED DRILLING PLAN	LF@2202679 2093347
400026091	FORM 2 SUBMITTED	LF@2208909 400026091
400036604	APD ORIGINAL	LF@2202675 400036604

Total Attach: 6 Files