

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



DE ET OE ES

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:
400026955
Plugging Bond Surety
20030009

3. Name of Operator: NOBLE ENERGY INC 4. COGCC Operator Number: 100322

5. Address: 1625 BROADWAY STE 2200
City: DENVER State: CO Zip: 80202

6. Contact Name: KATE SHIRLEY Phone: (303)228-4449 Fax: (303)228-4286
Email: kshirley@nobleenergyinc.com

7. Well Name: GUTTERSEN STATE CC Well Number: 20-30D

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

9. Proposed Total Measured Depth: 6971

WELL LOCATION INFORMATION

10. QtrQtr: NWNW Sec: 20 Twp: 4N Rng: 63W Meridian: 6
Latitude: 40.303360 Longitude: -104.469280

Footage at Surface: 528 FNL/FSL FNL 492 FEL/FWL FWL

11. Field Name: Wattenberg Field Number: 90750

12. Ground Elevation: 4690 13. County: WELD

14. GPS Data:

Date of Measurement: 09/08/2009 PDOP Reading: 1.8 Instrument Operator's Name: David C. Holmes

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

Footage at Top of Prod Zone: FNL/FSL 75 FSL 75 FEL 75 FEL 75 Bottom Hole: FNL/FSL 75 FSL 75 FEL 75 FEL 75
Sec: 18 Twp: 4N Rng: 63W Sec: 18 Twp: 4N Rng: 63W

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: 5280 ft

18. Distance to nearest property line: 492 ft 19. Distance to nearest well permitted/completed in the same formation: 824 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	407-87	160	GWA
Niobrara	NBRR	407-87	160	GWA

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#: 20030012

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):
See attached Oil and Gas lease

25. Distance to Nearest Mineral Lease Line: 75 ft 26. Total Acres in Lease: 5055

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#	600	252	600	0
1ST	7+7/8	4+1/2	11.6#	6,971	617	6,971	

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

33. Comments This well is on a multi-well pad with the proposed Guttersen State CC20-31D and is twinning the existing Guttersen State CC20-4JI. No Conductor Casing will be used. 1st String TOC=200' above Niobrara. The proposed Rule 318Ae spacing unit configuration=SWSW of Sec 17, SESE of Sec 18, NENE of Sec 19 and NWNW of Sec 20, T4N-R63W.

34. Location ID: 332422

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: KATE SHIRLEY

Title: REGULATORY SPECIALIST Date: 1/6/2010 Email: kshirley@nobleenergyinc.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: 2/11/2010

API NUMBER
05 123 31152 00

Permit Number: _____ Expiration Date: 2/10/2012

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.

COGCC ENG COA - SME 1) Provide 24 hr notice of spud to to Bo Brown at 970-330-6085 or email at bo.brown@state.co.us . 2) Set surface casing per Rule 317d, cement to surface. Setting surface casing less than the approved depth is a permit violation unless prior written approval is obtained from the COGCC. 3) If completed, 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
1725496	SURFACE CASING CHECK	LF@2220456 1725496
400027001	WELL LOCATION PLAT	LF@2395884 400027001
400027002	OIL & GAS LEASE	LF@2395885 400027002
400027003	30 DAY NOTICE LETTER	LF@2395886 400027003
400027004	DEVIATED DRILLING PLAN	LF@2395887 400027004
400027005	PROPOSED SPACING UNIT	LF@2395888 400027005
400027006	FORM 2 SUBMITTED	LF@2395889 400027006

Total Attach: 7 Files