

State of Colorado
Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303)894-2100 Fax: (303)894-2109



FOR OGCC USE ONLY
01268918
RECEIVED
Plugging Bond Surety ID#
20030009

APPLICATION FOR PERMIT TO:

1. Drill, Deepen, Re-enter, Recomplete and Operate

2. TYPE OF WELL
OIL GAS COALBED OTHER:
SINGLE ZONE MULTIPLE ZONES COMMINGLE ZONES

Refilling
Sidetrack

3. OGCC Operator Number: 100322 4. Name of Operator: Noble Energy, Inc.
5. Address: 100 Glenborough Dr., #100 City: Houston State: TX Zip: 77067
6. Contact Name: Judy Throneberry Phone: (281) 872-3100 Fax: (281) 876-8891
7. Well Name: Brown Well Number: 22-32
8. Unit Name (if appl): Unit Number:
9. Proposed Total Depth: 2500'

Complete the Attachment Checklist		OP	OGCC
APD Orig & 1 Copy Form 2A		X	X
Well location plat		X	X
Topo map		X	X
Mineral lease map			X
Surface agrmt/Surety		X	X
30 Day notice letter		X	X
Deviated Drilling Plan			
Exception Loc Request			
Exception Loc Waivers			
H2S Contingency Plan			
Federal Drilling Permit			

10. QtrQtr: SE NW Sec: 32 Twp: 1N Rng: 45W Meridian: 6th
Footage from Exterior Section Lines:
At Surface: 1980' FNL & 1980' FWL
11. Field Name: Republican Field Number: 73275
12. Ground Elevation: 3864' 13. County: Yuma
14. If well is: Directional Horizontal (highly deviated), submit deviated drilling plan.
Footage from Exterior Section Lines and Sec Twp Rng:
At Top of Production Zone: At Bottom Hole:
15. Is location in a high density area (Rule 603b)? Yes No
16. Distance to the nearest building, public road, above ground utility or railroad: 3135'
17. Distance to Nearest Property Line: 1980' 18. Distance to nearest well completed in the same formation: 1000' 985'

19. 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	318-7	640 160	Section 32: ALL NW

20. Mineral Ownership: Fee State Federal Indian
21. Surface Ownership: Fee State Federal Indian
22. Is the Surface Owner also the Mineral Owner? Yes No Surface Surety ID#
If No: Surface Owners Agreement Attached - or \$25,000 Blanket Surface Bond \$2,000 Surface Bond \$5,000 Surface Bond
23. Describe lease area associated only with the proposed well by QtrQtr, Sec, Twp, Rng (attach separate sheet/map if required):
All SE-NW, Section 32, T1N, R45W
24. Distance to Nearest Lease Line: 1980' 25. Total Acres in Lease: 640

DRILLING PLANS AND PROCEDURES

26. Is H2S anticipated? Yes No If Yes, attach contingency plan.
27. Will salt sections be encountered during drilling? Yes No
28. Will salt (>15,000 ppm TDS Cl) or oil based muds be used during drilling? Yes No
29. If questions 27 or 28 are yes, is this location in a sensitive area (Rule 903)? Yes No If 27, 28 or 29 are "Yes" a pit permit may be required.
30. 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.

String	Size of Hole	Size of Casing	Weight Per Foot	Setting Depth	Sacks Cement	Cement Bottom	Cement Top
Surface	9 7/8"	7"	17#	280' 290'	100	280' 290'	Surface
Production	6 1/4"	4 1/2"	10.5#	2500'	200	2500'	Surface

31. BOP Equipment Type: Annular Preventor Double Ram Rotating Head None
32. Comments: WE HAVE COMPLIED WITH RULE 306

33. Rule 306 Consultation has taken place or is not required. Provide supporting documentation if consultation has been waived or good faith effort did not result in consultation.
I hereby certify that a complete permit package has been sent to the applicable county and all statements made in this form are, to the best of my knowledge, true, correct, and complete.
Signed: Janis L. Vercher Print Name: Janis L. Vercher
Title: Sr. Regulatory Specialist Date: November 4, 2004

Based on the information provided herein, this application for Permit-to-Drill complies with COGCC Rules and applicable orders and is hereby approved.
OGCC Approved: [Signature] Director of COGCC Date: 12/3/2004
Permit Number: 20042798 Expiration Date: 12/2/2005

API NUMBER
05-125-08983-00

CONDITIONS OF APPROVAL, IF ANY:

NOTE SURFACE CASING SETTING DEPTH CHANGE FROM 280 FT TO 290 FT.
CONTACT KEVIN LIVELY @ 970-522-6747. 24 HRS PRIOR TO SPUD SET SURFACE CASING AT LEAST 50' INTO PIERRE SHALE FOR AQUIFER COVERAGE. THIS MAY BE IN EXCESS OF THE APPROVED SURFACE CASING SETTING DEPTH. CEMENT TO SURFACE. IF DRY HOLE, SET 35 SKS CEMENT ABOVE NIOBRARA, 35 SKS CEMENT 1/2 IN 1/2 OUT SURFACE CASING, 10 SKS CEMENT AT SURFACE, CUT 4' BELOW GL, WELD ON PLATE.



Selected Items Report

Oil and Gas Wells Selected					
Filter Results by Formation Include <input type="checkbox"/>					Filter
WELL DESCRIPTION	LOCATION	WELL INFORMATION			
Facilities Selected					
FACILITY DESCRIPTION	LOCATION	PIT INFORMATION			
		Type	Unlined	Status	
Water Wells Selected					
Filter Results by Depth Greater than <input type="checkbox"/>					Filter
WELL DESCRIPTION	LOCATION	WELL INFORMATION			
		Depth	Top Perf	Bottom Perf	Aquifer
Receipt=0220913, Permit=0123681-- , TUSTIN E	NWSW 29 1N-45W	0	0	0	GW
Receipt=0506422A, Permit=0248715-- , WAKEFIELD SCOTT	SESW 30 1N-45W	0	0	0	TO
Receipt=0244836, Permit=0135775-- , BOWMAN J	SESE 31 1N-45W	0	0	0	GW
Receipt=9067337, Permit=0011790-RFP- , STULTS MELVIN	SENE 32 1N-45W	150	0	0	TO
Receipt=9066987, Permit=0009136-F- , BROWN BARRY R & VIRGINIA M	SWNE 32 1N-45W	240	0	0	GW

Well name and number: BROWN 22-32SENW 32-1N-45W**Survey Plat Check list**

number	Item	
	8-1/2" x 11" scaled drawing of the entire section	✓
1	Dimensions on adjacent exterior section lines sufficient to completely describe the quarter section containing the proposed well shall be indicated	✓
1a	If dimensions are not field measured, state how the dimensions were determined	✓
2	For directional drilling into an adjacent section, that section shall also be shown on the location plat and dimensions on exterior section lines sufficient to completely describe the quarter section containing the proposed productive interval and bottom hole location shall be indicated.	-
3	For irregular, partial or truncated sections, dimensions will be furnished to completely describe the entire section containing the proposed well.	-
4	The field-measured distances from the nearer north/south and nearer east/west section lines shall be measured at ninety (90) degrees from said section lines to the well location and referenced on the plat.	✓
4.1*	For unsurveyed land grants and other areas where an official public land survey system does not exist the well locations shall be spotted as footages on a protracted section plat using Global Positioning System (GPS) technology and also reported as latitude and longitude in accordance with the requirements set forth below: in 4A, 4B, 4C	-
4A*	All GPS data reported to the Commission shall be differentially corrected using base station data or other correction sources. The base station or other correction source shall be identified and reported with the coordinate values.	-
4B*	Coordinates shall be reported as latitude and longitude in decimal degrees to an accuracy of at least five (5) decimal places (e.g.; latitude 37.12345 N, longitude 104.45632 W).	-
4C*	All data shall be referenced to the North American Datum (NAD) of 1927.	-
4D	The date of the survey shall be reported.	✓
5	A map legend	✓
6	A North Arrow	✓
7	A scale expressed as an equivalent (e.g. 1" = 1000').	✓
8	A bar scale.	✓
9	The ground elevation.	✓
10	The basis of the elevation (how it was calculated or its source).	✓
11	The basis of bearing or interior angles used.	✓
12	Complete description of monuments and/or collateral evidence found; all aliquot corners used shall be described.	✓
13	The legal land description by section, township, range, principal meridian, baseline and county.	✓
14	Operator name	✓
15	Well name and number	✓
16	Date of completion of scaled drawing	✓
17a	All visible improvements within two hundred (200) feet of a wellhead (or, in a high density area within four hundred (400) feet of a wellhead) shall be physically tied in and plotted on the well location plat or on an addendum, with a horizontal distance and approximate bearing from the well location.	✓
17b	Visible improvements shall include, but not be limited to, all buildings, publicly maintained roads and trails, major above-ground utility lines, railroads, pipelines, mines, oil wells, gas wells, injection wells, water wells, visible plugged wells, sewers with manholes, standing bodies of water, and natural channels including permanent canals and ditches through which water flows.	✓
17c	If there are no visible improvements within two hundred (200) feet of a wellhead (or in a high density area within four hundred (400) feet of a wellhead), it shall be so noted on the Permit-to-Drill, Form 2.	✓
18	Surface use shall be described within the two hundred (200) foot radius of a wellhead (or in a high density area within the four hundred (400) foot radius of a wellhead).	✓

* Only required for unsurveyed land grants and other areas where an official public land survey system does not exist.

The survey plat you submitted with your permit was found to be in ~~non~~-compliance with COGCC rule 303c. See above checklist. If a survey plat is not in compliance with rule 303c the operator will be notified and the permit will be placed on hold until an adequate replacement is supplied to the COGCC.

OK