



FOR OGCC USE ONLY 6-18
5-19
RECEIVED
MAY 19 05
Plugging Bond Surety ID#
COGCC 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: **Barbara Godejohn** Phone: **(281) 876-6137** Fax: **(281) 876-8889**

7. Well Name: **Blach** Well Number: **34-6**

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

9. Proposed Total Depth: **2800'**

10. QtrQtr: **SWSE** Sec: **6** Twp: **1N** Rng: **46W** Meridian: **6 th**

11. Field Name: **Schramm** Field Number: **76825**

12. Ground Elevation: **3972'** 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: **2400'**

17. Distance to Nearest Property Line: **660'** 18. Distance to nearest well completed in the same formation: **1757' 1429'**

Complete the Attachment Checklist

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

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	329-5	160	SE Sec 6-1N-46W

20. Mineral Ownership: Fee State Federal Indian Lease # _____

21. Surface Ownership: Fee State Federal Indian

22. Is the Surface Owner also the Mineral Owner? Yes No Surface Surety ID# _____

If Yes: Is the Surface Owner(s) signature on the lease? Yes No

If No: Surface Owners Agreement Attached or \$25,000 Blanket Surface Bond \$2,000 Surface Bond \$5,000 Surface Bond

23. 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 description

24. Distance to Nearest Mineral Lease Line: **958' 660'** 25. Total Acres in Lease: **720**

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'	100	280'	Surface
Production	6 1/4"	4.5"	10.5#	2800'	225	2800'	Surface

31. BOP Equipment Type: Annular Preventor Double Ram Rotating Head None

32. Comments

33. Initial Rule 306 Consultation took place on (date) **1/3/06**, was waived, or is not required. Provide supporting documentation if consultation has been waived or if good faith effort did not result in consultation.
PERMIT SUBMITTED TO COGCC PRIOR TO COMPLIANCE WITH RULE 306 CONSULTATION SHALL BE RETURNED UNAPPROVED.
I hereby certify that a complete permit package has been sent to the applicable Local Government Designee(s), and all statements made in this form are to the best of my knowledge, true, correct, and complete.

Signed: _____ Print Name: **Barbara Godejohn**
Title: **Sr. Regulatory Specialist** Date: **May 18, 2005**

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: **Dwight Mack** Director of COGCC Date: **6-16-05**

Permit Number: **20051806** Expiration Date: **6-15-06**

API NUMBER
05-125-09324-00

CONDITIONS OF APPROVAL, IF ANY:

NOTE SURFACE CASING SETTING DEPTH CHANGE FROM 280 FT TO 430 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"/>						<input type="button" value="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"/>						<input type="button" value="Filter"/>
WELL DESCRIPTION	LOCATION	WELL INFORMATION				
		Depth	Top Perf	Bottom Perf	Aquifer	
Receipt=9068238, Permit=0016451--, TURVEY GARNET	SWNW 5 1N-46W	104	0	0	GW	
Receipt=9068341, Permit=0017548--, BOLIN MARY & BROOKS	SWSE 5 1N-46W	88	0	0	GW	
Receipt=9067399, Permit=0011971-F-, BOLIN BROOKS	SWSE 5 1N-46W	271	0	0	GW	
Receipt=9070538, Permit=0079131--, ROBERTSON DEXTER	SENE 6 1N-46W	155	0	0	GW	
Receipt=0054544, Permit=0018867-F-, ROBERTSON DEXTER	SENE 6 1N-46W	0	0	0	GW	
Receipt=0074858, Permit=0006520-AD-, ROBERTSON DEXTER	SWNE 6 1N-46W	0	0	0	GW	
Receipt=0096737, Permit=0007779-AD-, ROBERTSON DEXTER L.	SWNE 6 1N-46W	0	0	0	GW	
Receipt=0078060B, Permit=0006686-AD-, DAVIS ALLEN	NW 6 1N-46W	0	0	0	GW	
Receipt=0369692A, Permit=0178903--, BLACH HAROLD	SESE 6 1N-46W	120	0	0	GW	
Receipt=0369692B, Permit=0178903--A, BLACH HAROLD	SESE 6 1N-46W	320	280	320	TO	
Receipt=9068408, Permit=0018003--, BOLIN BROOKS	SWSE 6 1N-46W	118	0	0	GW	
Receipt=0078060A, Permit=0006685-AD-, DAVIS ALLEN	SW 6 1N-46W	0	0	0	GW	
Receipt=0111488, Permit=0110638--, DAVIS A	NWSW 6 1N-46W	0	0	0	GW	
Receipt=0088328A, Permit=0095954--, BOLIN BROOKS	NENW 8 1N-46W	285	0	0	GW	
Receipt=0310691, Permit=0156726--, BLACH DAVID	SENE 1 1N-47W	320	280	320	TO	
	SENE 1					

Receipt=0325419, Permit=0160218-- , BLACK DAVID & RON	1N-47W	320	280	320	TO
Receipt=9067963, Permit=0014626-F- , HEMPHILL RICHARD R	SWNE 1 1N-47W	370	0	0	GW
Receipt=0250683, Permit=0137930-- , ROBERTSON DEXTER	NWNW 31 2N-46W	222	182	222	TO
Receipt=9068376, Permit=0017840-F- , ROBERTSON DEXTER	SE 31 2N-46W	370	0	0	GW
Receipt=9068181, Permit=0016049-F- , ROBERTSON DEXTER	SW 31 2N-46W	380	0	0	GW

Well name and number: BLACH 34-6



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