

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 COGCC USE ONLY  
01268917  
RECEIVED  
NOV - 8 - 04  
Plugging Bond Surety ID#  
20030009  
COGCC

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: **Fonte** Well Number: **42-21**

8. Unit Name (if appl): **Fonte** Unit Number: **42-21**

9. Proposed Total Depth: **2500'**

10. QtrQtr: **SE NE** Sec: **21** Twp: **1N** Rng: **45W** Meridian: **6th**

11. Field Name: **Republican** Field Number: **73275**

12. Ground Elevation: **3841'** 13. County: **Yuma**

14. If well is:  Directional  Horizontal (highly deviated),  submit deviated drilling plan.

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: **2040'**

17. Distance to Nearest Property Line: **660'** 18. Distance to nearest well completed in the same formation: **1110'**

Complete the Attachment Checklist

	OP	OGCC
APD Orig & 1 Copy	X	✓
Form 2A	X	✓
Well location plat	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		

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.)
<b>NIOBRARA</b>	<b>NBRR</b>	<b>318-7</b>	<b>640 160</b>	<b>T1N, R45W, Section 21: AtL</b>

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

23. Describe lease area associated only with the proposed well by QtrQtr, Sec, Twp, Rng (attach separate sheet/map if required):  
**SW Section 15, E/2 Sec 21 & NW Sec 22 SE NE, Section 21, T1N, R45W**

24. Distance to Nearest Lease Line: **660'** 25. Total Acres in Lease: **640**

DRILLING PLANS AND PROCEDURES

26. Is H2S anticipated?  Yes  No

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

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' 330'	100	280' 330'	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: *Janis L. Vercher* Director of COGCC Date: **12/3/2004**

Permit Number: **20042797** Expiration Date: **12/2/2005**

API NUMBER  
05- **125-08982-00**

CONDITIONS OF APPROVAL, IF ANY:

NOTE SURFACE CASING SETTING DEPTH CHANGE FROM 280 FT TO 330 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.



<a href="#">Receipt=9071177, Permit=0106332--, FONTE ALAN</a>	SWSW 22 1N-45W	240	122	240	GW
<a href="#">Receipt=9066907, Permit=0006969-R-, FONTE ALAN</a>	NWNW 27 1N-45W	254	0	0	TO
<a href="#">Receipt=0496169A, Permit=0242714--, JONES ANNETTE</a>	NWNE 28 1N-45W	90	0	0	GW
<a href="#">Receipt=0496169B, Permit=0242714--A, JONES ANNETTE</a>	NWNE 28 1N-45W	250	230	250	TO

Well name and number: FONTE 42.21

SENE 21-1N-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 <u>entire</u> 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