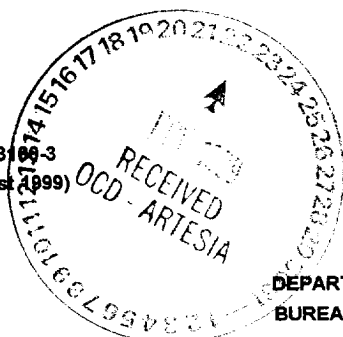


Form 3100-3
(August 1999)



N.M. Oil Cons. Division
811 S. 1st Street
Artesia, NM 88210-2834

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANGEMENT

FORM APPROVED
OMB No. 1004-0136
Expires November 30, 2000

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work: ☒ DRILL ☐ REENTER		5. Lease Serial No. LC-029338(a)
1b. Type of Well: ☐ Oil Well ☒ Gas Well ☐ Other ☐ Single Zone ☐ Multiple Zone		6. If Indian, Allottee or Tribe Name
2. Name of Operator Enron Oil & Gas Company		7. If Unit or CA Agreement, Name and No.
3a. Address P.O. Box 2267, Midland, TX 79702		8. Lease Name and Well No. 25100 Oak Lake "14" Federal No. 1
3b. Phone No. (include area code) (915)686-3714		9. API Well No. 30-015-30848
4. Location of Well (Report location clearly and in accordance with any State requirements.) At surface 1,100' FNL & 1,980' FEL At proposed prod. Zone 1,100' FNL & 1,980' FEL UNIT B		10. Field and Pool, or Exploratory 96788 Wildcat Cedar Lake, Morrow, N.
14. Distance in miles and direction from nearest town or post office* Two miles Northeast from Loco Hills		11. Sec., T., R., M., or Blk. And Survey or Area Sec 14, T17S, R30E
15. Distance from proposed* location to nearest property or lease line, ft. 1,100' (Also to nearest drlg. Unit line, if any) 1,100'	16. No. of Acres in lease 600	12. County or Parish Eddy
17. Spacing Unit dedicated to this well E/2 - 320 Ac	18. Distance from proposed location* to nearest well, drilling, completed applied for, on this lease, ft.	13. State NM
19. Proposed Depth 13,100'	20. BLM/BIA Bond No. on file MT-0748	
21. Elevations (Show whether DF, KDB, RT, GL, etc) GL-3701	22. Approximate date work will start* 10/21/99	23. Estimated duration 30 days

24. Attachments

The following completed in accordance with the requirements of Onshore Oil an Gas Order No. 1, shall be attached to this form:

- | | |
|---|--|
| 1. Well plat certified by a registered surveyor. | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above) |
| 2. A Drilling Plan. | 5. Operator certification. |
| 3. A Surface Use Plan (if the location is on National Forest Sytem Lands, the SUPO shall be filed with the appropriate Forest Service Office) | 6. Such other site specific information and/or plans as may be required by the authorized officer. |

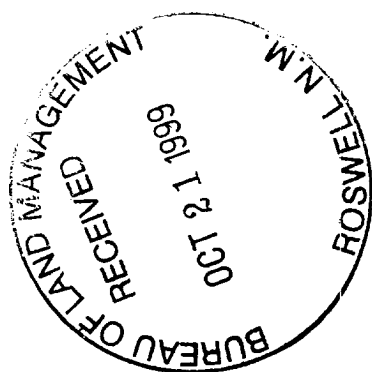
25. Signature <i>Mike Francis</i>	Name (Printed/Typed) Mike Francis	Date 10/20/99
Title Agent		
Approved by (Signature) <i>/s/LARRY D. BRAY</i>	Name (Printed/Typed)	Date NOV 18 1999
Title Assistant Field Office Manager. Lands and Minerals	Office <i>RFO</i>	

Application approval does not warrant or certify the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on reverse)



District I
PO Box 1980, Hobbs, NM 88241-1980
District II
PO Drawer DD, Artesia, NM 88211-0719
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

Form C-102
Revised February 21, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number		*Pool Code	*Pool Name Wildcat
*Property Code	*Property Name OAK LAKE "14" FEDERAL		*Well Number 1
*OGRID No. 7377	*Operator Name ENRON OIL & GAS COMPANY		*Elevation 3701

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	14	17-S	30-E		1100	NORTH	1980	EAST	EDDY

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

*Dedicated Acres E/2 320	*Joint or Infill	*Consolidation Code	*Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

16 ENRON OIL & GAS COMPANY OAK LAKE "14" FEDERAL No. 1 LAT. = 32°50'19.296" LONG. = 103°56'25.409" Y = 669016.730 X = 620841.105	17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. <i>Mike Francis</i> Signature Mike Francis Printed Name Agent Title 10/20/99 Date
	18 SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to best of my belief. OCTOBER 13, 1999 Date of Survey Signature and Seal of Professional Surveyor: <i>Earl Foote</i> Certificate Number 8278
	EARL FOOTE NEW MEXICO REGISTERED PROFESSIONAL LAND SURVEYOR 8278

ENRON OIL & GAS COMPANY
Oak Lake 14 Federal No. 1

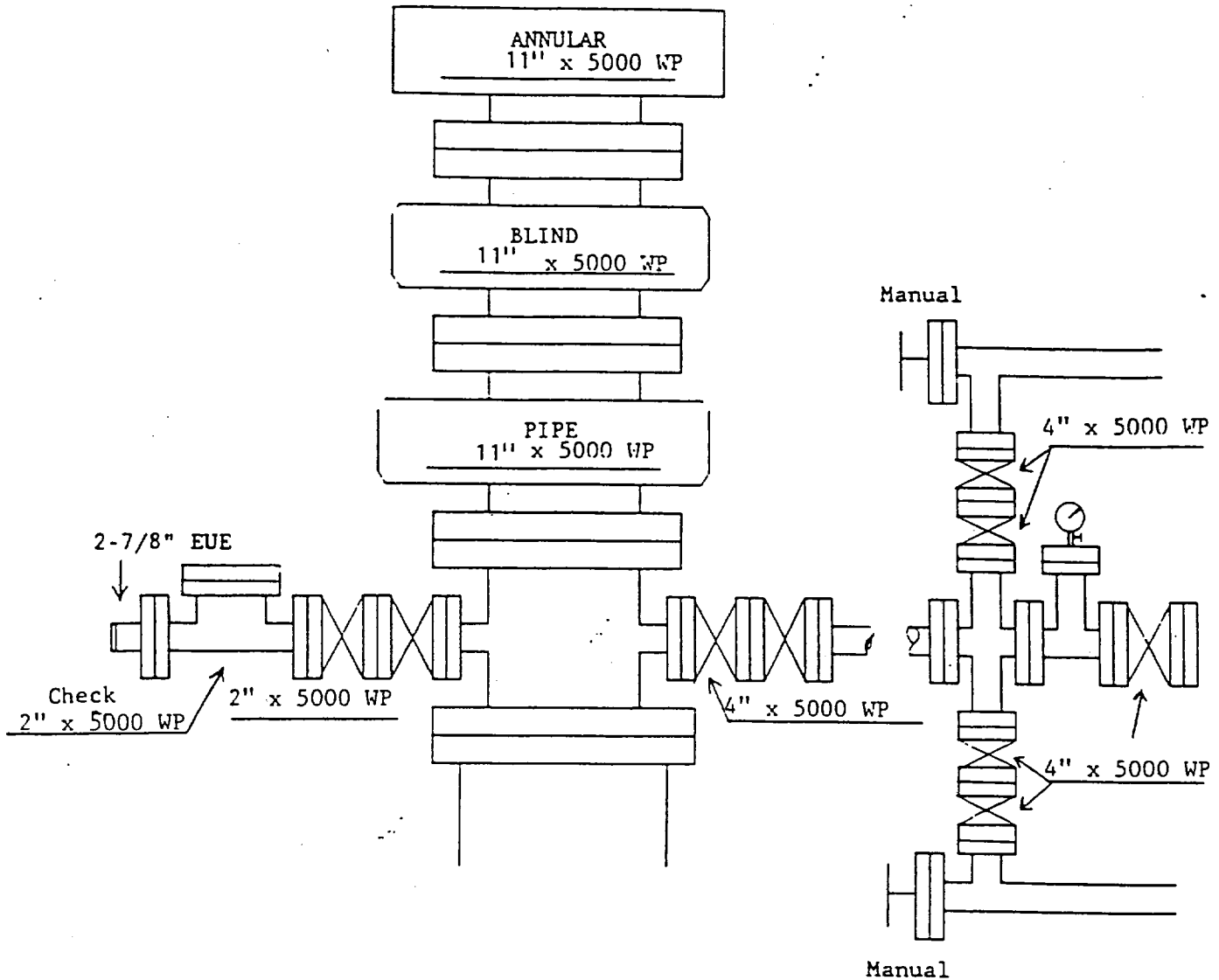


Exhibit 1

DRILLING PROGRAM

ENRON OIL & GAS COMPANY
OAK LAKE 14 FEDERAL NO. 1
1,100' FNL & 1,980' FEL
SEC. 14, T17S, R30E
EDDY COUNTY, NM

1. GEOLOGIC NAME OF SURFACE FORMATION:

Permian

2. ESTIMATED TOPS OF IMPORTANT GEOLOGICAL MARKERS:

Queen	2500'
San Andres	3300'
Abo	6,500'
Wolfcamp	8000'
Lower Strawn	9875'
Atoka	10175'
Morrow Clastics	10600'
Chester	11000'
Devonian	11,700'

3. ESTIMATED DEPTHS OF ANTICIPATED FRESH WATER, OIL OR GAS:

Upper Permian Sands	Above 250'	Fresh Water
Grayburg/San Andres	3000'	Oil
Strawn	10200'	Oil
Atoka	10525'	Gas
Morrow	10925'	Gas

4. CASING PROGRAM

Hole Size	Interval	OD Casing	Weight Grade Jt. Cond. Type
14 3/4"	0-650'	11 3/4"	42# H-40 ST&C
11"	0-4000'	8 5/8"	32# J-55 LT&C
11"	4000-5000'	8-5/8"	32# HCK LT&C
7 7/8"	0-13100'	5 1/2"	17# S95/P110 L&TC

Cementing Program:

11 3/4" Surface Casing: Cement to surface with 200 sx Prem Plus, 3% Econolite, 25 Calcium Chloride, 0.25#/sx Flocele, 150 sx Prem Plus, 2% Calcium Chloride

8 5/8" Intermediate: Cement to surface with 800 sx Interfill C, .25#/sx flocele, 250 sx Premium Plus, 2% Calcium Chloride

5 1/2" Production: Cement w/930 sx Premium, 3% Econolite, 5#/sx Salt (3%), 0.2% HR5, .25#/sk Flocele, 250 sx Prem 50/50 Poz mix 'A', 2% Halliburton-Gel First 2%, 0.5% Halad-322. This is designed to bring TOC to 4500'.

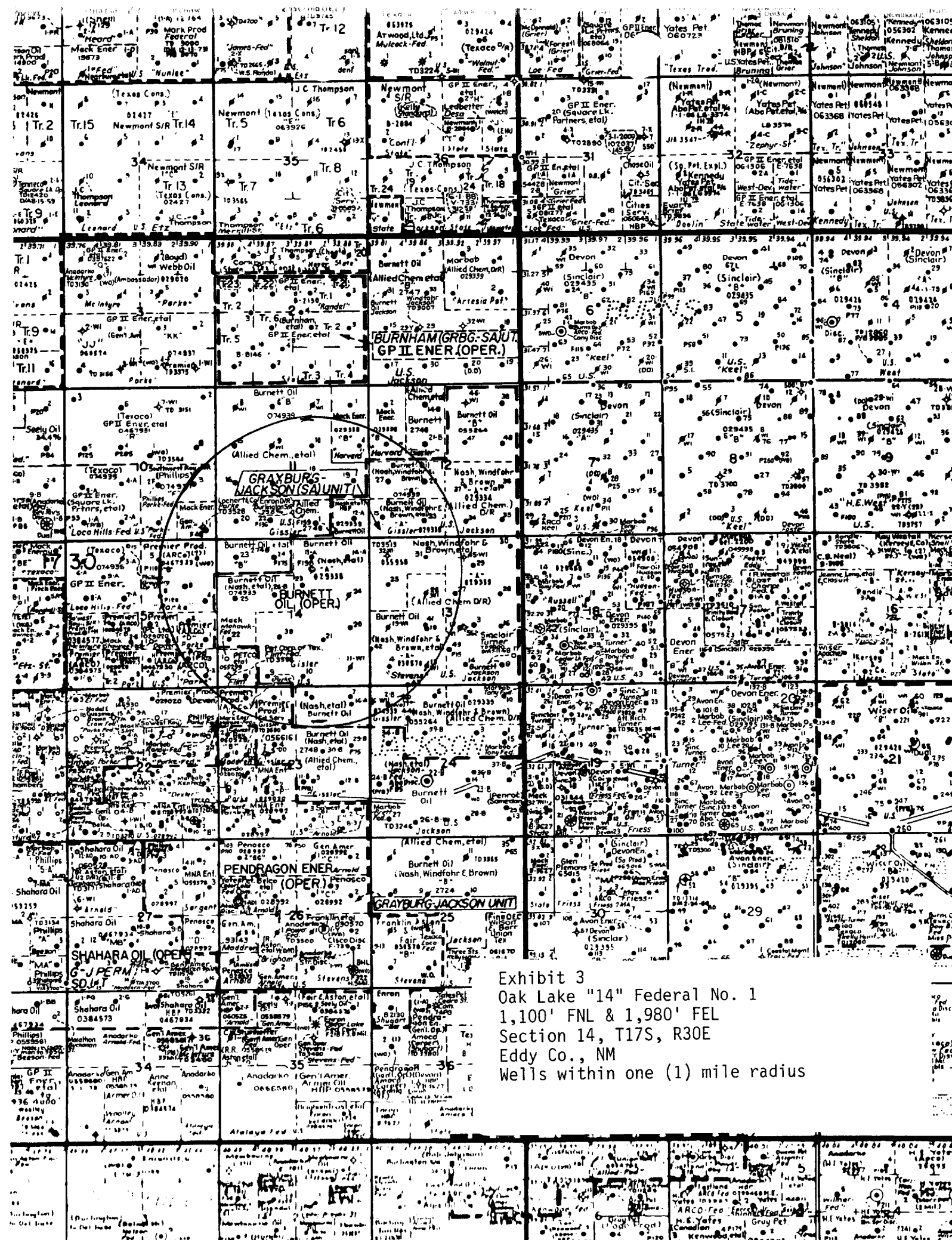


Exhibit 3
Oak Lake "14" Federal No. 1
1,100' FNL & 1,980' FEL
Section 14, T17S, R30E
Eddy Co., NM
Wells within one (1) mile radius