

**EXXON** COMPANY, U.S.A.  
POST OFFICE BOX 1600 • MIDLAND, TEXAS 79702

*NS L 1590  
Rule 104 F  
10-21-82*

PRODUCTION DEPARTMENT  
MIDCONTINENT DIVISION

September 23, 1982

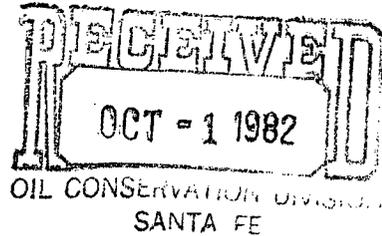
Request for Approval of an  
Unorthodox Location and  
Non-Standard Proration Unit  
Burton Flat Federal #1  
Eddy County, New Mexico

*Wolfcamp } Formations  
Arkoka }  
Morrow }  
Burton Flat Field*

CERTIFIED MAIL

New Mexico Oil Conservation Commission  
P. O. Box 2088  
Santa Fe, New Mexico 87501

Attn: Mr. Joe Ramey



Gentlemen:

Please grant administrative approval for an unorthodox location and non-standard proration unit for the above well in accordance with Rules 104 D II and 104 F I. The well is located 1949' FNL and 660' FWL of Section 4, T21S, R27E, Eddy County, New Mexico. Attached are Form 9-331C, Application for Permit to Drill, Deepen or Plug Back; and Form C-102, Well Location and Acreage Dedication Plat.

Because of an irregularity in the U.S. Public Land Survey, the well has been located nearer than 1980' to the end boundary. There are some 914.41 acres in Section 4. Exxon proposes formation of a non-standard proration unit composed of Lots 3-6 and 11-14 containing 298.44 acres.

The offset operators are being notified by certified mail of the application to complete this well at an unorthodox location. If you, as an offset operator, have no objection to this application, you are requested to execute the attached waiver and forward a copy to the New Mexico Oil Conservation Commission, P. O. Box 2088, Santa Fee, New Mexico 87501 and return a copy to this office.

The offset operators are:

- Mobil Producing Texas and New Mexico, Inc., P. O. Box 633, Midland, TX 79702
- J. L. Hamon, P. O. Box 663, Dallas, TX 75201
- Mesa Petroleum, Inc., 1000 Vaughn Bldg., Midland, TX 79701
- Flag-Redfern Oil Co., P. O. Box 2280, Midland, TX 79702
- Yates Drilling Co., 207 S. Fourth Street, Artesia, NM 88210

Page 2  
Burton Flat Federal #1  
September 23, 1982

MYCO Industries, 207 S. Fourth Street, Artesia, NM 88210

J. A. Yates, 207 S. Fourth Street, Artesia, NM 88210

Los Chicos, 207 S. Fourth Street, Artesia, NM 88210

Napoco, c/o Harper Oil Co., Attn: Paul Burdick, 310 Gibraltar Bldg.,  
Midland, TX 79701

Chappell Trust Indenture, 1974, Carol Chappell, Trustee, 3025 Republic  
Bank Tower, Dallas, TX 75201

Lisa Hicks, 3025 Republic Bank Tower, Dallas, TX 75201

Donald Chappell, 3025 Republic Bank Tower, Dallas, TX 75201

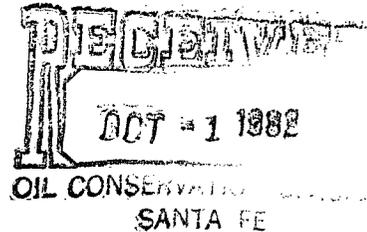
Very truly yours,



Melba Knipling  
Unit Head  
Regulatory Compliance

CH:Lj

Attachments



W A I V E R

New Mexico Oil Conservation Commission  
P. O. Box 2088  
Santa Fe, New Mexico 87501

Attention: Mr. Joe Ramey

Gentlemen:

This is to advise that the undersigned has been given due notice that Exxon Corporation has made application for an unorthodox location and non-standard proration unit for Burton Flat Federal #1 in the Wolfcamp, Atoka and Morrow formations.

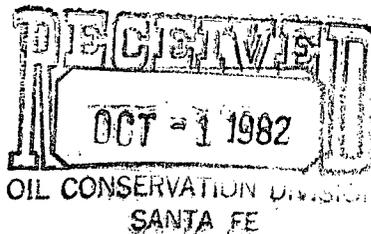
We hereby waive any objection to the granting of this application for the above well which will be located:

Burton Flat Federal #1, located 1949' FNL and 660' FWL of Section 4,  
T21S, R27E, Eddy County, New Mexico.

Executed this \_\_\_\_\_ day of \_\_\_\_\_, 1982

Company \_\_\_\_\_

BY \_\_\_\_\_



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK  
 DRILL  DEEPEN  PLUG BACK   
 b. TYPE OF WELL  
 OIL WELL  GAS WELL  OTHER   
 SINGLE ZONE  MULTIPLE ZONE

2. NAME OF OPERATOR  
 Exxon Corporation

3. ADDRESS OF OPERATOR  
 P. O. Box 1600, Midland, TX 79702

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*)  
 At surface  
 1949' FNL and 660' FWL of Section  
 At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
 6.5 miles N from Carlsbad

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.  
 (Also to nearest drlg. unit line, if any) 660' lease line  
 660' drlg line

16. NO. OF ACRES IN LEASE  
 1240.06

17. NO. OF ACRES ASSIGNED TO THIS WELL  
 298.44

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.  
 None

19. PROPOSED DEPTH  
 12,000

20. ROTARY OR CABLE TOOLS  
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 3198' GR

22. APPROX. DATE WORK WILL START\*  
 October 1982

23. PROPOSED CASING AND CEMENTING PROGRAM

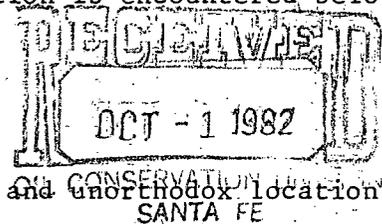
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
26"	20" If needed	Schedule 10	40'	100 sx Circulate
17 1/2"	13 3/8"	54.5#	600'	400 sx Circulate
12 1/4"	9 5/8"	36.0#	3000'	1050 sx tied into 13 3/8" csg.
A. 8 3/4"	5 1/2"	17, 20.0#	12000'	2000 sx
*B. 8 3/4"	7 7"	26.0#	10400'	1650 sx
6"	5" liner	18.0#	10000-12000'	1000 sx

\*Casing program B to be used only if severe lost circulation is encountered below 3000'.

See Attached BOP specs.

Gas is not dedicated to a purchaser.

Application is being made to NMOCC for non-Standard unit and unorthodox location.



IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

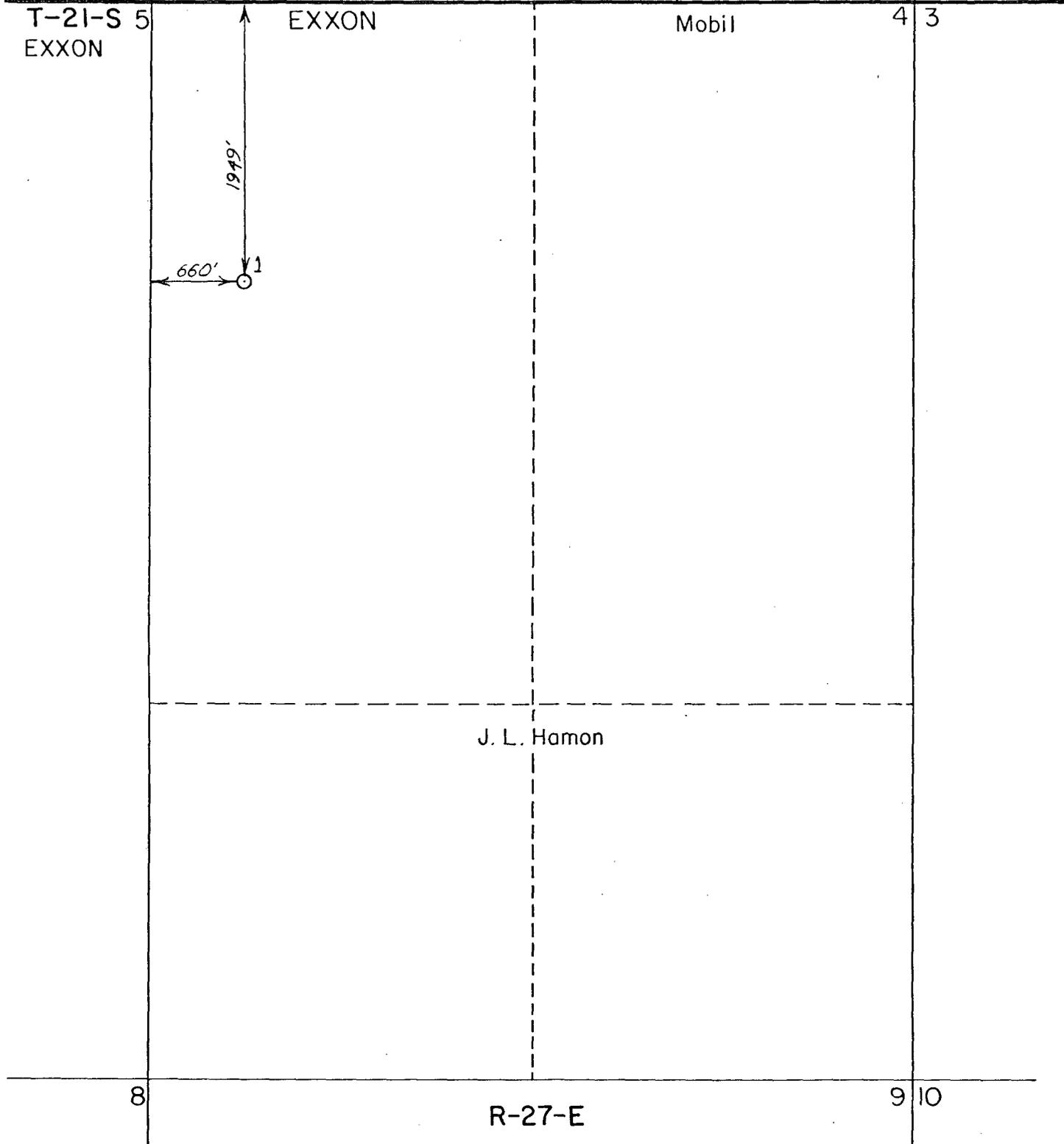
24. SIGNED Melva Kripling TITLE Unit Head DATE September 23, 1982  
 (This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
 CONDITIONS OF APPROVAL, IF ANY:



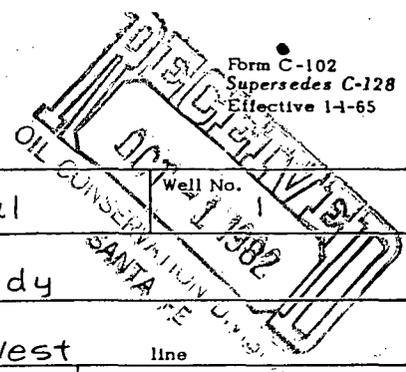
Mesa, Hamon, Napeco, Flag-Redfern, Chappell Trust  
 Indenture 1974, Lisa Hicks, Donald Chappell, Yates Drlg.  
 T-20-S Co., MYCO Ind., J. A. Yates, Los Chicos 32 33



EXXON'S BURTON FLAT FED. No.1  
 SECTION 4; T-21-S; R-27-E  
 EDDY COUNTY, NEW MEXICO

EXXON COMPANY, U.S.A.  
 A DIVISION OF EXXON CORPORATION  
 PRODUCTION DEPARTMENT

DRAWN <u>CS SMITH</u>	ENGR. SECTION <u>CIVIL</u> REVISED <u>9-23-82</u>	SCALE <u>1"=1000'</u>	JOB NO.	FILE NO.
CHECKED _____	APPROVED _____	DATE <u>9-3-82</u>		<u>WA-7798</u>



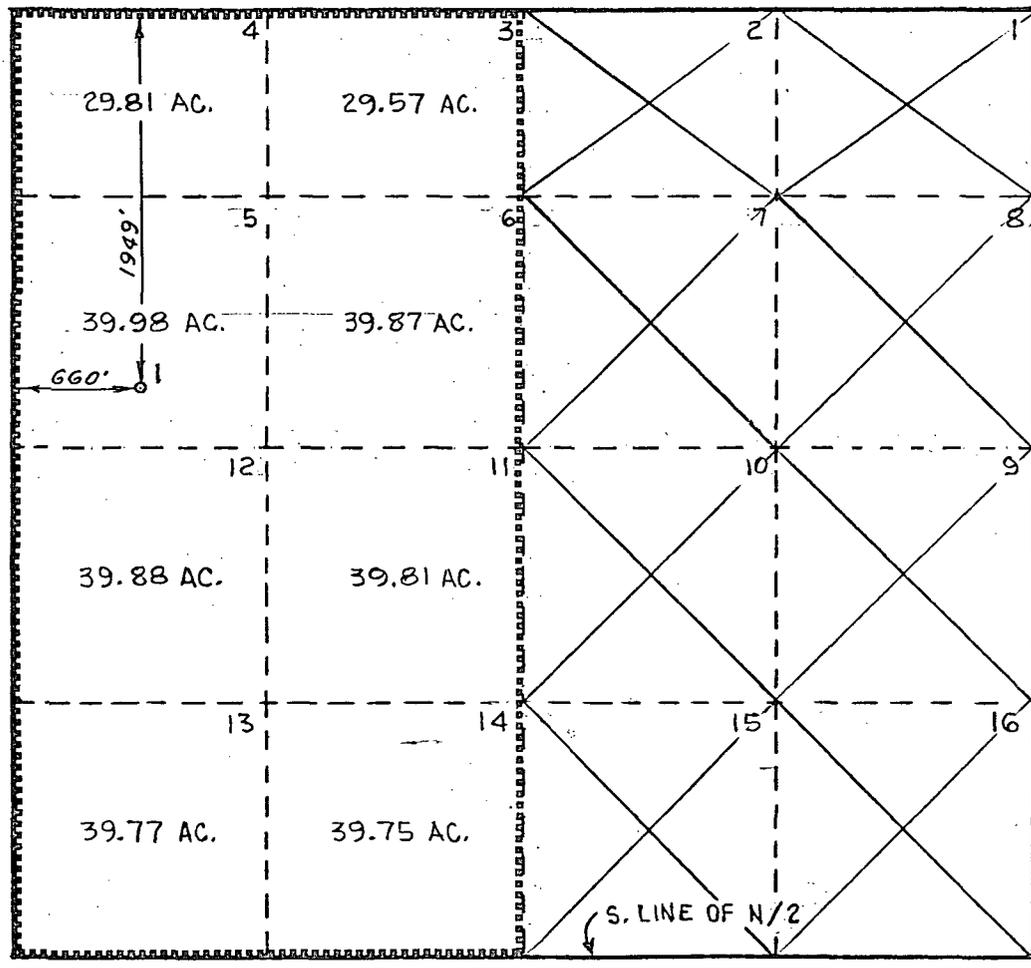
Operator Exxon Corporation			Lease Burton Flat Federal			Well No. 1382
Unit Letter Lot 5	Section 4	Township 21 S	Range 27 E	County Eddy		
Actual Footage Location of Well: 1949 feet from the North line and 660 feet from the West line						
Ground Level Elev. 3198'	Producing Formation Morrow		Pool Burton Flat Morrow Gas		Dedicated Acreage: 298.44 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

Yes  No If answer is "yes," type of consolidation \_\_\_\_\_

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) \_\_\_\_\_

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



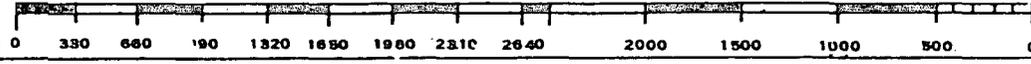
**CERTIFICATION**

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Name \_\_\_\_\_  
 Position **UNIT HEAD**  
 Company Exxon Corporation  
 Box 1600 Midland, Texas  
 Date **8-6-82**

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 the best of my knowledge and belief.

Date Surveyed **7-27-82**  
 Registered Professional Engineer and/or Land Surveyor  
*A. S. Westergaard*  
 Certificate No. **1382**



6.5 Miles North of Carlsbad, New Mexico

C.E. Sec. File No. **W-A-7781-A**

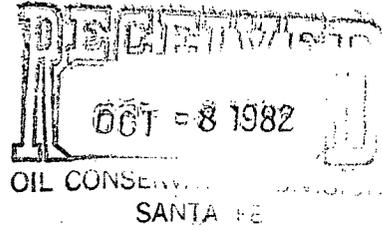


EXXON COMPANY, U.S.A.  
 EXHIBIT "A"  
 BURTON FLAT FEDERAL NO. 1  
 SECTION 4, T-21-S, R-28-E  
 EDDY COUNTY, NEW MEXICO

W A I V E R

NSL  
1590

New Mexico Oil Conservation Commission  
P. O. Box 2088  
Santa Fe, New Mexico 87501



Attention: Mr. Joe Ramey

Gentlemen:

This is to advise that the undersigned has been given due notice that Exxon Corporation has made application for an unorthodox location and non-standard proration unit for Burton Flat Federal #1 in the Wolfcamp, Atoka and Morrow formations.

We hereby waive any objection to the granting of this application for the above well which will be located:

Burton Flat Federal #1, located 1949' FNL and 660' FWL of Section 4, T21S, R27E, Eddy County, New Mexico.

Executed this 1st day of October, 1982

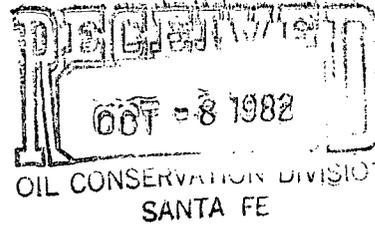
Company Flag-Redden Oil Co

BY Bryan W. Brown  
Vice Pres.

MSL  
150

W A I V E R

New Mexico Oil Conservation Commission  
P. O. Box 2088  
Santa Fe, New Mexico 87501



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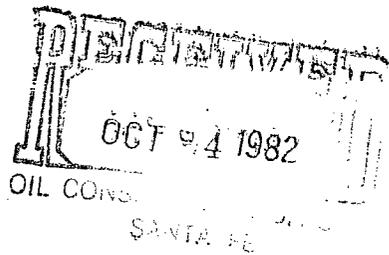
Executed this 6th day of OCTOBER, 1982

Company MOBIL PRODUCING TX & NM INC.

BY J. A. Morris

- nsl-1590

W A I V E R



New Mexico Oil Conservation Commission  
P. O. Box 2088  
Santa Fe, New Mexico 87501

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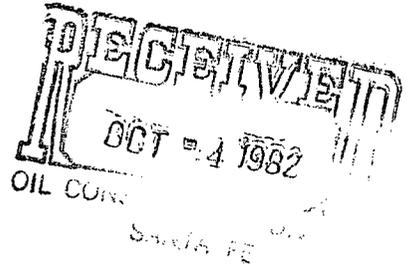
Burton Flat Federal #1, located 1949' FNL and 660' FWL of Section 4, T21S, R27E, Eddy County, New Mexico.

Executed this 29<sup>th</sup> day of September, 1982

Company Lisa Kennedy Hicks

BY \_\_\_\_\_

W A I V E R



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P. O. Box 2088  
Santa Fe, New Mexico 87501

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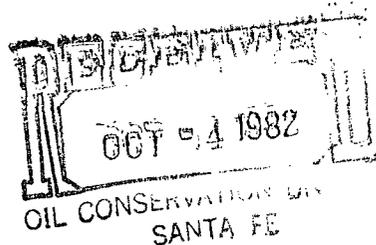
Executed this 29<sup>th</sup> day of September, 1982

Company D. C. Chapell

BY \_\_\_\_\_

W A I V E R

New Mexico Oil Conservation Commission  
P. O. Box 2088  
Santa Fe, New Mexico 87501



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T21S, R27E, Eddy County, New Mexico.

Executed this 29th day of September, 1982

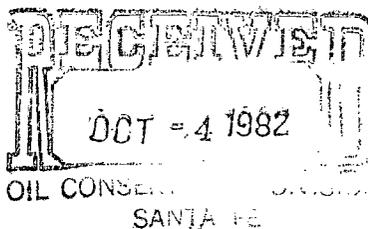
Company Carol Chapell Henry Jr.

BY \_\_\_\_\_

- NSL 1590

W A I V E R

New Mexico Oil Conservation Commission  
P. O. Box 2088  
Santa Fe, New Mexico 87501



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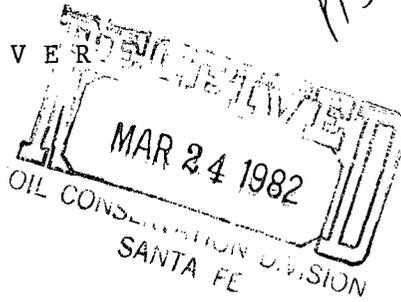
Executed this 30<sup>th</sup> day of September, 1982

Company Wapco Co Harper Oil Co.

BY James L. Wilde

MSL-

W A I V E R



New Mexico Oil Conservation Commission  
P. O. Box 2088  
Santa Fe, New Mexico 87501

Attention: Mr. Joe Ramey

Gentlemen:

This is to advise that the undersigned has been given due notice that Exxon Corporation has made application for an unorthodox location and non-standard proration unit for Burton Flat Federal Comm. #1 in the Atoka and Morrow formations.

We hereby waive any objection to the granting of this application for the above well which will be located:

Burton Flat Federal Comm. #1, located 1917' FNL and 600' FWL of Section 1, T21S, R27E, Eddy County, New Mexico.

Executed this 22 day of March, 1982.

Company The Superior Oil Company

By [Signature]