



Mid-Continent Region  
Exploration/Production

Conoco Inc.  
10 Desta Drive, Suite 100W  
Midland, TX 79705-4500  
(915) 686-5400

May 21, 1998

Mr. Michael Stogner  
New Mexico Oil Conservation Division  
2040 S. Pacheco  
Santa Fe, New Mexico 87504

*CLW*  
*Dorman*  
*Paul*

Re: Application for Non-Standard Location

**Warren McKee #128**

API # 30-025-34158  
Sec 29, T-20-S, R-38-E, C  
Lea County, New Mexico

Dear Mr. Stogner,

This horizontal well was permitted to drill October 3, 1997 (see attached permit). Conoco, Inc. is currently drilling this well and set production casing May 19, 1998. The location of the casing point is 837' FNL & 469' FEL. The surface location of subject well is 1650' FEL & 330' FNL, Section 29. Based on the angle that has been drilled so far, and where the casing was set, the new bottom hole location is projected to be 667' FEL and 1470' FSL in Section 20. This new bottom hole location is non-standard because it is only 1470' FSL line instead of the required of 1650' - 2310'.

Conoco, Inc. is the operator of the Warren McKee waterflood project which is located across the common boundary of the Warren Unit and the Southeast Monument Unit, both operated by Conoco, and includes acreage from both units. Fifteen SEMU McKee and ten Warren McKee vertical wells have been drilled and operated in this McKee formation reservoir which is limited on the North, West and South by low structure and water production and on the east by a sealing fault. This horizontal well is being drilled parallel to the fault on the eastern side of the Warren McKee waterflood in the Warren McKee pool. The well will target the reserves in a potentially undrained, updip area between established production and the sealing fault to the east. The necessary paralleling of the sealing fault along the eastern side of the reservoir dictated the azimuth of the horizontal lateral. The combination of the required azimuth and build rate required that the surface location be located in the adjoining Section 29. This was necessary in order to hit the current targeted bottom hole location as stated above.

Amerada Hess, operator of the Warren-McKee Unit is the only offset operator. Please find attached certification that they have been notified of this request.



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Conoco, Inc. respectfully requests a non-standard location order be given for the Warren McKee #128 based on the fact that it is in the best interest of conservation and the prevention of waste to tap in to new undrained updip production. If there are any additional questions concerning this application please call me @ (915) 686-5798.

Sincerely yours,

A handwritten signature in cursive script that reads "Kay Maddox".

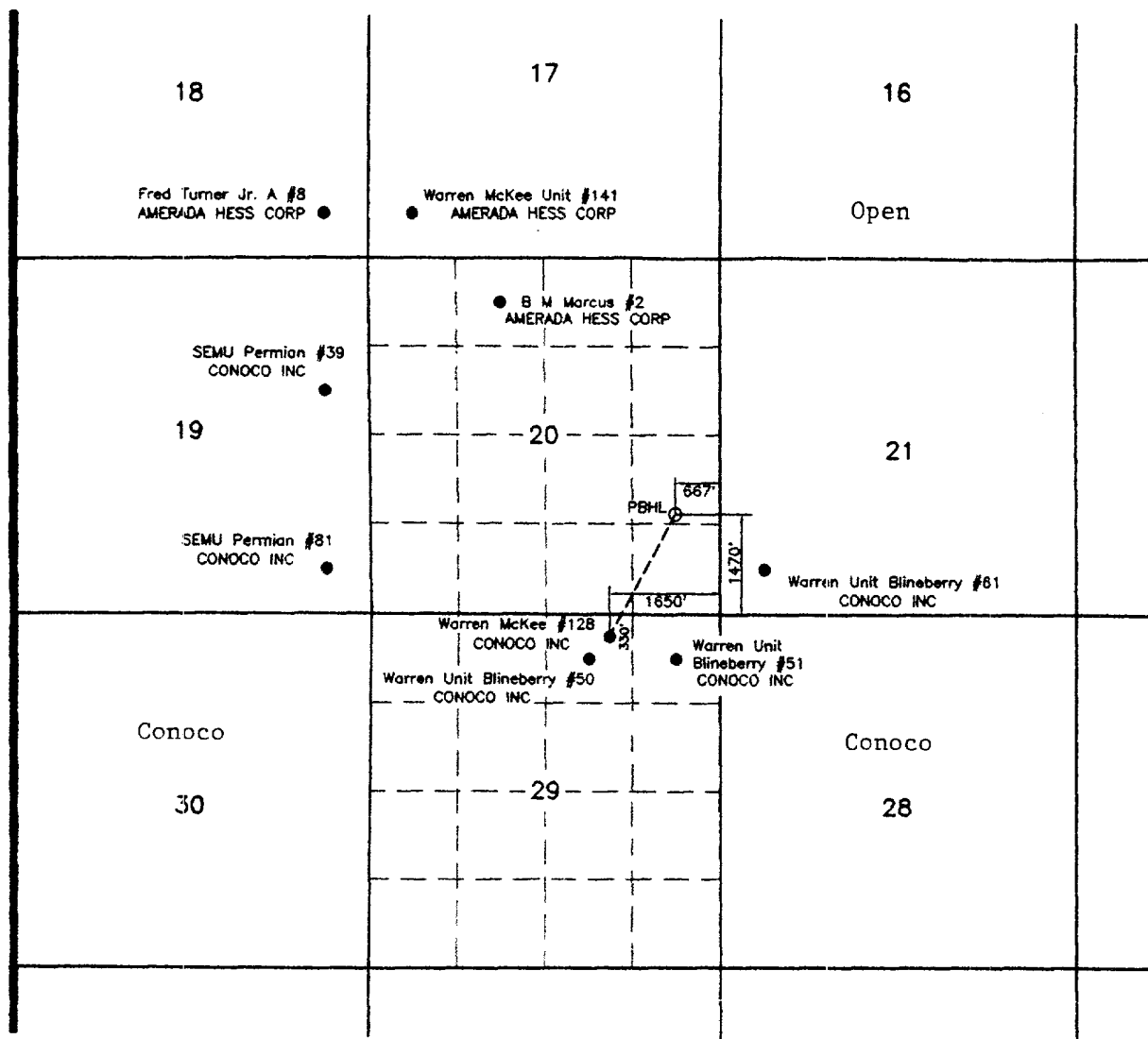
Kay Maddox

Regulatory Agent

KM/

CC: Oil Conservation Division Hobbs  
US Bureau of Land Management - Roswell

T  
20  
S



R 38 W

# NOTES

The Conoco Warren McKee #128 BLH location will be non-standard with respect to internal spacing boundaries in Sec. 20, T20S, R38E.

DATE: 05/22/98

DRAWN BY: GLG

CHECKED BY:

APPROVED BY:

SCALE: 1" = 2640'

STATE PLANE COORDINATES REFERRED TO  
NAD27 - N.M. EAST  
STATE PLANE COORDINATES  
ZONE - 3001



EPNGNA  
MIDLAND DIVISION

CONOCO Warren McKee #128  
Sec. 29, T20S, R38E  
Lea County, New Mexico  
Non-Standard Bottom Hole Location

STATE API COUNTY  
025 \ 30

DRAWING

WM\_128

CONOCO INC. OFFICE  
10 DESTA DRIVE WEST  
MIDLAND, TEXAS 79705

UNIT  
DEPARTMENT  
BUREAU OF

OPER. CONFIG NO. 5073  
PROPERTY NO. 3128  
POOL CODE 63270  
EFFECT DATE 10/19/97  
API NO. 30-025-34158

APPLICATE  
ations on  
ide)  
83240

FORM APPROVED  
OMB NO. 1004-0138  
Expires February 28, 1995

APPLICATION FOR PERMIT

1a. TYPE OF WORK

DRILL ☒

b. TYPE OF WELL

OIL WELL ☒

GAS WELL ☐

OTHER ☐

SINGLE ZONE ☒

MULTIPLE ZONE ☐

2. NAME OF OPERATOR

Conoco Inc.

3. ADDRESS AND TELEPHONE NO

10 Desta Dr. Ste 430E, Midland, Tx. 79705-4500

915-686-5794

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements\*)

At surface

330' FNL & 1650' FEL SEC 29

At proposed prod. zone

1710' FSL & 365' FEL SEC 20

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

5. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if Any)

15. NO OF ACRES IN LEASE

8. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH

8930' TVD/10,785 MD

17. NO. OF ACRES ASSIGNED TO THIS WELL

80

20. ROTARY OR CABLE TOOLS

Rotary

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

3539' GR

22. APPROX. DATE WORK WILL START\*

10/15/97

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2"	H-40, 13-3/8"	48#	400'	440 sxs, circ.
12-1/4"	K-55, 10-3/4"	40.5#	3000'	580 sxs, circ.
9-7/8"	K-55, 7-5/8"	29.7#	8930'	1555 sxs

It is proposed to drill a horizontal Warren McKee producer according to the plan submitted in the following attachments:

1. Well Location and Acreage Dedication Plat (C-102)
2. Proposed Well Plan Outline
3. Surface Use Plan
4. EXHIBIT A: Vicinity Map
5. EXHIBIT B: Location Verification Map
6. EXHIBIT C.1-C.4: Road, Flow Line and Electric Line Plats
7. EXHIBIT D: Standard Rig Layout
8. BOP & Choke Manifold Specifications
9. H2S Drilling Operations Plan
10. An archeological survey will be submitted as soon as completed

APPROVAL SUBJECT TO  
GENERAL REQUIREMENTS AND  
SPECIAL STIPULATIONS  
ATTACHED

BUREAU OF LAND MGMT.  
ROSWELL OFFICE

RECEIVED  
1997 SEP -4 P 2:21

The undersigned accepts all applicable terms, conditions, stipulations and restrictions concerning operations conducted on the leased land or portion thereof, as described above and as covered by BLM Bond File No. ES-0085

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen 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.

SIGNED Mike L. Mankin TITLE Right-of-Way Agent DATE 9-2-97

PERMIT NO

APPROVAL DATE

Application approval does not warrant or certify that 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:

(ORIG. SGD.) TONY L. FERGUSON

ADM, MINERALS

APPROVED BY

TITLE

DATE OCT 03 1997

\*See Instructions On Reverse Side



District I  
PO Box 1980, Hobbs, N. 8241-1980

District II  
PO Drawer DD, Artesia, NM 86211-0719

District III  
1000 Rio Branos Rd., Artes, NM 87410

District IV  
PO Box 2088, Santa Fe, NM 87504-2088

State of Mexico  
Energy, Minerals & Natural Resources Department

Revised  
In  
Submit to Approp  
State  
Fee

## OIL CONSERVATION DIVISION

PO Box 2088  
Santa Fe, NM 87504-2088

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number		2 Pool Code		3 Pool Name	
		63270		WARREN MCKEE	
4 Property Code		5 Property Name			
003122		WARREN MCKEE			
6 OGRM No.		7 Operator Name			
005073		CONOCO INC.			

10 Surface Location

Surface Location								
UL or lot no.	Section	Township	Range	Lot ldn	Feet from the	North/South line	Feet from the	East/West line
B	29	20-S	38-E		330	NORTH	1650	EAST

11	Bottom Hole Location If Different From Surface									
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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
P/I	20	20-S	38-E		1710	SOUTH	365	EAST
<sup>12</sup> Dedicated Acres	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Use					

12Dedicated Acres	13Joint or Infill	14Consolidation Code	15Order No.
80			

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		OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION	
		<b>17 OPERATOR CERTIFICATE</b> I hereby certify that the information contained herein is to the best of my knowledge and belief.	
		Signature <u>Mike L. Mankin</u>	
		Printed Name <u>MIKE L. MANKIN</u>	
		Title <u>RIGHT OF WAY AGENT</u>	
		Date <u>K. 29-9</u>	
		<b>18 SURVEYOR CERTIFICATE</b> I hereby certify that the well location shown on this plat is the result of actual surveys made by me or under my supervision and is true and correct to the best of my belief.	
		Date of Survey <u>JULY 24, 1997</u>	
		Signature and Seal of Professional Surveyor <u>Earl F. [Signature]</u>	
		Certificate Number <u>8278</u>	
Sec. 20		365'	
Sec. 29		1710'	
LAT. = 32°33'02"		32°12'25" E	
LONG. = 103°10'03"		24°10'08" (TRUE BEARING)	
		330'	
		1650'	