



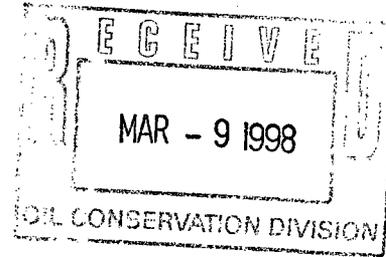
NSL 3/30/98

Mid-Continent Region  
Exploration/Production

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

March 6, 1998

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



RE: Application for Non- Standard Location  
Warren Unit # 127  
API # 30-025-33194  
Lea County, NM

Dear Mr. Stogner,

The proposed recompletion and test of the Seven Rivers formation in this well requires a non-standard location order. This well has been filed as a Wildcat Pool test due to the distance of two miles to the nearest Eumont Gas well. The well is located in Section 28, T-20-S, R-38-E, Lea County, New Mexico. The currently producing DK abo West Pool completion is at sub-economic rates. All other formations, know to be productive, are being produced by twin producers. The notice of intent was approved February 19, 1998.

As a wildcat well, following statewide rule 104 for Gas wells, this wellbore is non-standard in relationship to the distance to the southern section boundary. The well is located 330' FSL & 660 FEL of Section 28. No other wells in this section are at sub-economic rates to test the Seven Rivers structural high in the southeast quarter section of Section 28. Utilization of the No. 127 wellbore will prevent economic waste by allowing access to test the Seven Rivers potential in the Conoco Warren Unit.

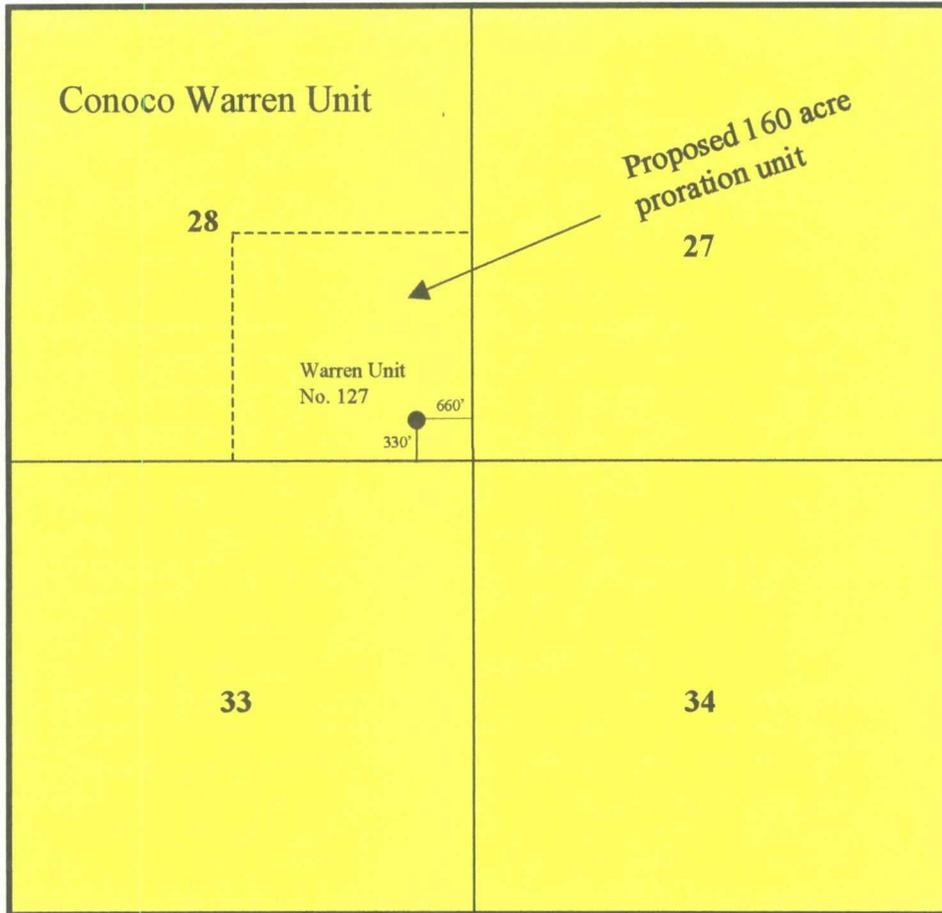
The offset operator plat shows the operators that could be affected by this non-standard location. Conoco, Inc. Is the only offset operator. A non-standard location order is requested based on the reasons given. If there are any further questions concerning this application please call me at (915) 686-5798.

Sincerely,

Kay Maddox  
Regulatory Agent

cc: Oil Conservation Division - Hobbs  
William J Lemay, Director - OCD, Santa Fe

R-38E



T-20S

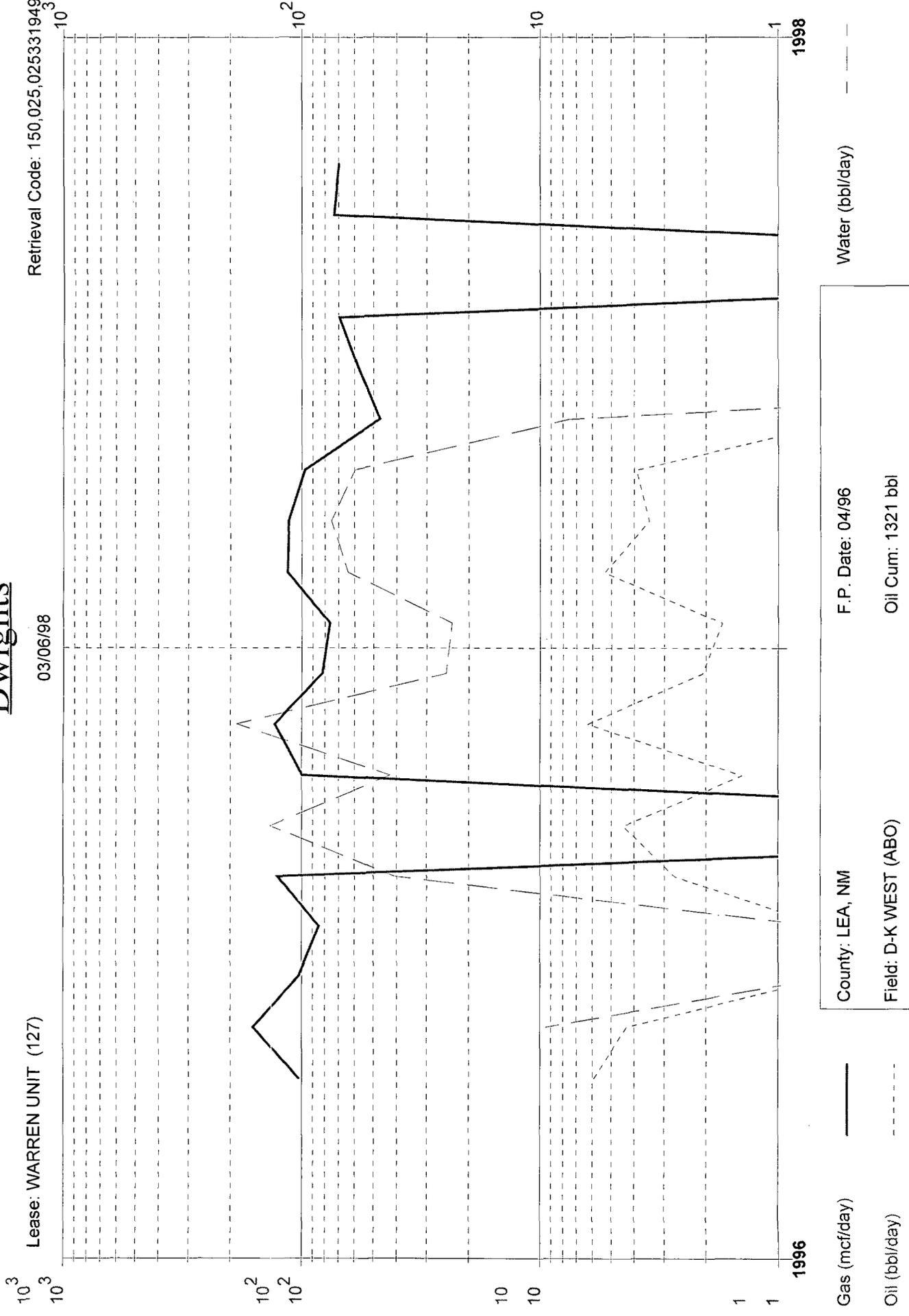
	 CONOCO-OPERATED WARREN UNIT	CONOCO EPNGNA MIDLAND DIVISION
	Note: Nearest Eumont Gas Producer is located in Unit Letter P, Sec. 19, T-20S, R-38E	Warren Unit No. 127 Seven Rivers Test Non-Standard Location

# Dwights

Lease: WARREN UNIT (127)

03/06/98

Retrieval Code: 150,025,0253319496587



Water (bbl/day)

F.P. Date: 04/96

County: LEA, NM

Oil Cum: 1321 bbl

Field: D-K WEST (ABO)

Gas Cum: 48.91 mmcf

Reservoir: ABO

Location: 28P 20S 38E

Operator: CONOCO INC

Gas (mcf/day) ———

Oil (bbl/day) - - - - -

1996

1998

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 30-025-33194		2 Pool Code		3 Pool Name Wildcat	
4 Property Code 003122		5 Property Name Warren Unit			6 Well Number #127
7 OGRID No. 005073		8 Operator Name Conoco Inc., 10 Desta Drive, Ste. 100W, Midland, TX 79705-4500			9 Elevation 3534'

**10 Surface Location**

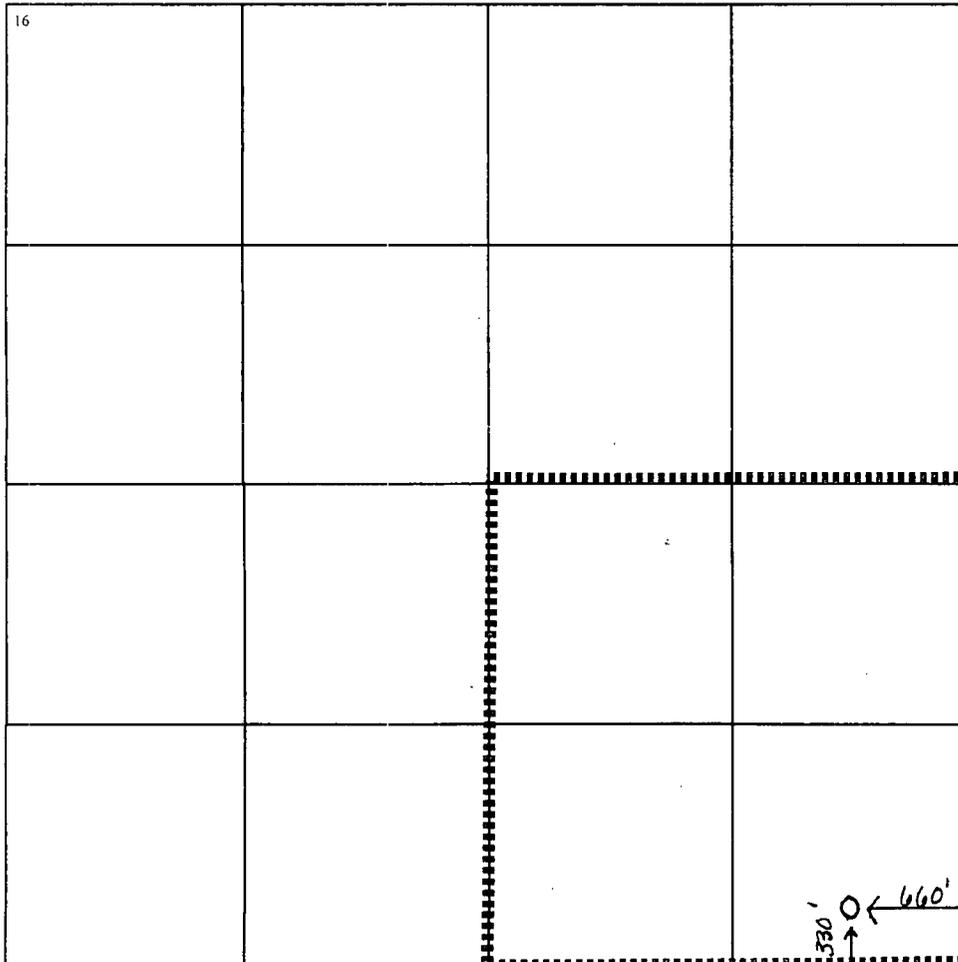
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	28	20S	38E		330'	South	660'	East	Lea

**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

12 Dedicated Acres 160	13 Joint or Infill	14 Consolidation Code	15 Order No.
---------------------------	--------------------	-----------------------	--------------

**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**



**17 OPERATOR CERTIFICATION**  
 I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief

*Kay Maddox*  
 Signature  
 Kay Maddox  
 Printed Name  
 Regulatory Agent  
 Title  
 February 10, 1998  
 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 the best of my belief.

Date of Survey  
 Signature and Seal of Professional Surveyor:

Certificate Number

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

N.M. Oil Cons.  
P.O. Box 1980  
Hobbs, NM 88241

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals

**SUBMIT IN TRIPLICATE**

1. Type of Well

Oil Well  Gas Well  Other

2. Name of Operator

CONOCO INC.

3. Address and Telephone No.

10 DESTA DR. STE. 100W, MIDLAND, TX. 79705-4500 (915) 686-5424

4. Location of Well (Footage, Sec., T. R. M. or Survey Description)

Section 28, T-20-S, R-38-E, P  
330' FSL & 660' FEL

5. Lease Designation and Serial No.  
LC 031695B

6. If Indian, Allottee or Tribe Name

7. If Unit or C.A. Agreement Designation

8. Well Name and No.

Warren Unit # 127

9. API Well No.

30-025-33194

10. Field and Pool, or Exploratory Area

Wildcat

11. County or Parish, State

Lea

**CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION

Notice of Intent  
 Subsequent Repon  
 Final Abandonment Notice

TYPE OF ACTION

Abandonment  
 Recompletion  
 Plugging Back  
 Casing Repair  
 Altering Casing  
 Other \_\_\_\_\_  
 Change of Plans  
 New Construction  
 Non-Routine Fracrunng  
 Water Shut-Off  
 Conversion to Injection  
 Dispose Water

(Note: Repon results of multiple completion on Wdl Completion or Recompletion Report and Log form.)

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

*Wildcat*

This well will be recompleted to the ~~Eumont~~ Pool using the following Procedure:

1. Set CIBP @ 7000'. Spot 5 sx cmt on top. Tag cmt. Spot P&A mud to 3750'
2. Set CIBP @ 3750'. Spot 5 sx cmt on top. Tag cmt. Circulate hole clean
3. Set retrievable production packer at 2800'. Pickle tubing
4. Perforate Seven Rivers interval from 2990-3066'
5. Acidize Seven Rivers w/nitrified methanol 7-1/2% HCL
6. Flow test well.

14. I hereby certify that the foregoing is true and correct

Signed

*Kay Maddox*

Title

Kay Maddox

Regulatory Agent

Date

February 10, 1998

(This space for Federal or State office use)

(ORIG. SGL) LES BABYAR

PETROLEUM ENGINEER

Approved by

Title

Date

Conditions of approval if any:

BLM(6), NMOC(1), SHEAR, PONCA, COST ASST, FILE ROOM

Title 18 U.S.C. Section 1001, makes 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.

\*See Instruction on Reverse Side

District I  
PO Box 1980, Hobbs, NM 88241-1980

State of New Mexico  
Energy, Minerals & Natural Resources Department

Revised February 21, 1994  
instructions on back

District II  
PO Drawer DD, Artesia, NM 88211-0719

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

Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

District III  
1000 Rio Brazos Rd. Aztec, NM 87410

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

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-33194		2 Pool Code ✓		3 Pool Name Wildcat	
4 Property Code 003122		5 Property Name Warren Unit			6 Well Number #127
7 OGRID No. 005073		8 Operator Name Conoco Inc., 10 Desta Drive, Ste. 100W, Midland, TX 79705-4500			9 Elevation 3534'

10 Surface Location

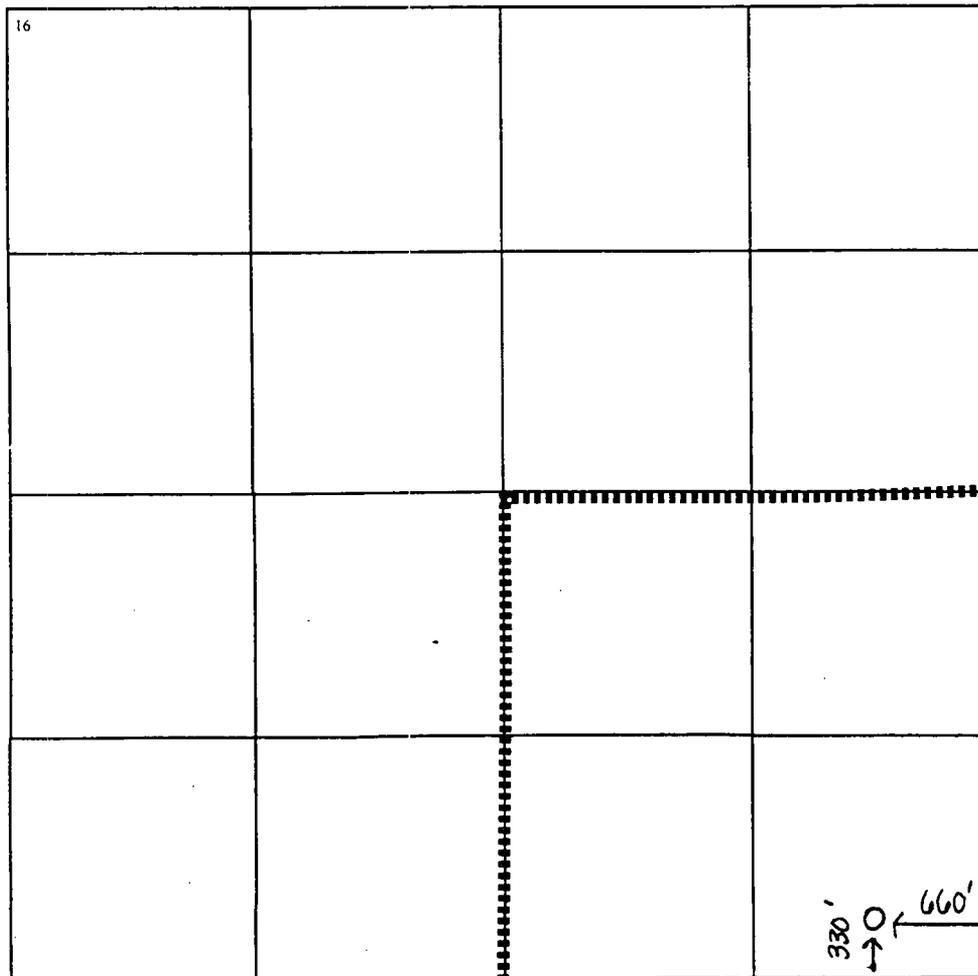
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	28	20S	38E		330'	South	660'	East	Lea

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

12 Dedicated Acres 160	13 Joint or Infill	14 Consolidation Code	15 Order No.
---------------------------	--------------------	-----------------------	--------------

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



17 OPERATOR CERTIFICATION

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

*Kay Maddox*  
Signature

Kay Maddox  
Printed Name

Regulatory Agent  
Title

February 10, 1998  
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 the best of my belief.

Date of Survey  
Signature and Seal of Professional Surveyor:

Certificate Number

District I  
 PO Box 1960, Hobbs, NM 88241-1960  
 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

Form C-104  
 Revised February 10, 1994  
 Instructions on back  
 Submit to Appropriate District Office  
 5 Copies

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

AMENDED REPORT

AUG 11 1995 AM 8 52

**I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT**

Operator name and Address CONOCO INC. 10 Desta Drive Ste 100W MIDLAND, TEXAS 79705		OGRID Number 005073
		Reason for Filing Code CORRECT POOL CODE & POOL NAME NW
API Number 30 - 0 25-33194	Pool Name WEST D-K ABO	Pool Code 96587
Property Code 003122	Property Name WARREN UNIT	Well Number 127

**II. Surface Location**

Ul or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West line	County
P	28	20 S	38E		330	SOUTH	660	EAST	LEA

**Bottom Hole Location**

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

Loc Code F	Producing Method Code F	Gas Connection Date 4-15-96	C-129 Permit Number	C-129 Effective Date	C-129 Expiration Date
---------------	----------------------------	--------------------------------	---------------------	----------------------	-----------------------

**III. Oil and Gas Transporters**

Transporter OGRID	Transporter Name and Address	POD	O/G	POD ULSTR Location and Description
005108	SENTINEL TRANSPORTATION CO. 1214 N. EASTSIDE DR. BLDG A WICHITA FALLS, TEXAS 76304	2817460	O	P 28 20S 38E
024650	WARREN PETROLEUM CORP. P.O. BOX 67 MONUMENT, NEW MEXICO 88265	2817459	G	P 28 20S 38E

**IV. Produced Water**

POD 0774150	POD ULSTR Location and Description 28 20S 38E
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**V. Well Completion Data**

Spud Date 12-2-95	Ready Date 4-15-96	TD 8784	PBTD 8506	Perforations 7239-7339
Hole Size 12 1/4	Casing & Tubing Size 8 5/8	Depth Set 3705	Sacks Cement 1500 SX	
	7 7/8	5 1/2	8784	2100 SX
	2 3/8" TBG	6950		

**VI. Well Test Data**

Date New Oil	Gas Delivery Date 4-15-96	Test Date 4-15-96	Test Length 24 HRS	Tbg. Pressure 80	Csg. Pressure
Choke Size OPEN	Oil 21	Water 96	Gas 285	AOF	Test Method SOLD

I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief. Signature: <i>Bill R. Keathly</i> Printed name: BILL R. KEATHLY Title: SR. REGULATORY SPEC. Date: 8-6-96 Phone: (915) 686-5424	OIL CONSERVATION DIVISION Approved by: <i>Jenny Sertor</i> Title: DISTRICT 1 SUPERVISOR Approval Date: AUG 26 1995
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If this is a change of operator fill in the OGRID number and name of the previous operator

Previous Operator Signature	Printed Name	Title	Date

State of New Mexico

Energy, Minerals & Natural Resources Department

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

District II 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

OIL CONSERVATION DIVISION

PO Box 2088

Santa Fe, NM 87504-2088

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-33194	Pool Code 96587	Pool Name West DK <del>Wildcat Abo</del>
Property Code 003127	Property Name Warren Unit Abo	Well Number 127
OGRID No. 005073	Operator Name CONOCO INC.	Elevation 3524'

10 Surface Location

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
P	28	20-S	38-E		330	South	660	East	Lea

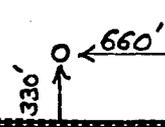
11 Bottom Hole Location If Different From Surface

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

12 Dedicated Acres 40	13 Joint or Infill	14 Consolidation Code	15 Order No.
--------------------------	--------------------	-----------------------	--------------

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	17 OPERATOR CERTIFICATION	
	I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief	
	 Signature Jerry W. Hoover Printed Name Sr. Conservation Coordinator Title 7/24/96 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 the best of my belief.		
Date of Survey		
Signature and Seal of Professional Surveyer:		
Certificate Number		



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

BOX 1980

FORM APPROVED  
OMB NO. 1004-0137

LEASE DESIGNATION AND SERIAL NO.

LC 031695B

8. IF INDIAN ALLOTTEE OR TRIBE NAME

9. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.

Warren Unit 127

9. API WELL NO.

30-025-33194

10. FIELD AND POOL, OR WILDCAT

D-K ABO (45200)

11. SEC. T. R. M., OR BLOCK AND SURVEY OR AREA

Sec. 28, T20S, R38E

12. COUNTY OR PARISH

Lea

13. STATE

N.M.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1A. TYPE OF WELL: OIL WELL  GAS WELL  DRY  Other

1B. TYPE OF COMPLETION: NEW WELL  WORK OVER  DEEP EN  PLUG BACK  DIFF. RESVR.  Other

2. NAME OF OPERATOR  
Conoco, Inc. (005073)

3. ADDRESS AND TELEPHONE NO.  
10 Desta Dr., Suite 100W, Midland, Texas 79705 (915) 686-5424

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*  
At surface 330' FSL & 660' FEL, UNIT LTR "P"

At top prod. interval reported below  
At total depth

14. PERMIT NO. DATE ISSUED  
11-2-95

15. DATE SPUDDED 12-2-95 16. DATE T.D. REACHED 12-30-95 17. DATE COMPL. (Ready to prod.) 4-15-96 18. ELEVATIONS (DP, RKB, RT, GR, ETC.)\* 3524' 19. ELEV. CASINGHEAD 3

20. TOTAL DEPTH, MD & TVD 8784' 21. PLUG, BACK T.D., MD & TVD 8506' 22. IF MULTIPLE COMPL., HOW MANY\* 23. INTERVALS DRILLED BY → 24. ROTARY TOOLS X 25. CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*  
Abo 7239 - 7339'

26. TYPE ELECTRIC AND OTHER LOGS RUN  
GR/CBT

29. CASING RECORD (Report all strings set in well)

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
8-5/8"	32 #	3705'	12-1/4"	1500 sx C1 C	0
5-1/2"	17 #	8784'	7-7/8"	2100 sx C1 C	0

29. LINER RECORD 30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	BACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
						2-3/8"	6950'

31. PERFORATION RECORD (Interval, size and number)

- (1). 7408 - 7556' Abo (See Attached)
- (2). CIBP @ 7355' (drilled out 4-11-96 see attached)
- (3). 7239 - 7339' Perforate Abo 1 spf
- (4). 7030 - 7169' Abo

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. (See Attached)

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
7239 - 7339'	1500 gals 15% HCL acid
	33,000 gals frac G-3500
	36,000 # 20/40 sand
7030 - 7169'	1900 gals 15% NEFE

33. PRODUCTION 47,000 gals frac & 45,000 #20/40 s

DATE FIRST PRODUCTION 4-15-96 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing WELL STATUS (Producing or shut-in) Producing

DATE OF TEST 4-18-96 HOURS TESTED 24 CHOKER SIZE PROD'N. FOR TEST PERIOD → OIL—BBL. 21 GAS—MCF. 285 WATER—BBL. 96 GAS-OIL RATIO 13,570

FLOW. TUBING PRESS. 80 # CASING PRESSURE CALCULATED 24-HOUR RATE → OIL—BBL. GAS—MCF. WATER—BBL. OIL GRAVITY-API (CORR.) 39

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sales TEST WITNESSED BY [Signature] JUL 9 1996

35. LIST OF ATTACHMENTS  
Logs & Inclination

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED Ann E. Ritchie TITLE Regulatory Agent DATE 5-8-96

\*(See Instructions and Spaces for Additional Data on Reverse Side)

SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH TOP	TRUE VERT. DEPTH
Grayburg	3990	4058	Dolomite & Sands	Top Salt	1432	2108
San Andres	4058	5100	Dolomite	Base Salt	2550	990
Glorieta	5310	5555	Dolomite	Yates	2694	858
Blinberry	5803	6284	Dolomite	Seven Rivers	2951	589
Tubb	6284	6590	Dolomite	Queen	3509	+31
Drinkard	6700	6900	Limestone & Dolomite	Penrose	3655	-115
McKee	8306	8590	Sandstone	Grayburg	3842	-302
Granite Wash	8706	8722	Granite Wash	San Andres	4058	-518
				Glorieta	5324	-1784
				Blinberry Mkr.	5803	-2263
				Tubb Mkr.	6284	-2744
				Drinkard	6580	-3040
				Abo	6854	-3314
				Fusselman	7553	-4012
				Montoya	7710	-4169
				Simpson	8006	-4465
				McKee	8306	-4765
				Connell	8524	-4983
				Ellenburger	8626	-5085
				Granite Wash	8682	-5141
				Basement	8722	-5181

38.

GEOLOGIC MARKERS

- Attachment -

Conoco, Inc.  
Warren Unit #127

Perforated Abo 7408 - 7556', 3-11-96, 1 SPF, fraced 3-12-96 w/1500 gals  
15% HCL, frac. 38,000 gals Spectra frac G-3500 w/45,000 # 20/40 sand.  
3-14-96 set CIBP @ 7355'.



WELL Warren Unit No. 127

LOCATION Sec. 28-20S-38E, Lea County, New Mexico

OPERATOR Conoco, Inc.  
10 Desta Drive, Suite 100W  
Midland, Texas 79705-4500

DRILLING CONTRACTOR Exeter Drilling Company

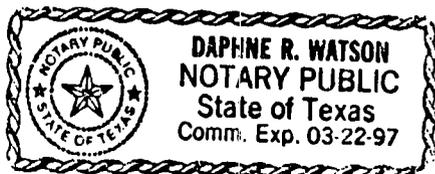
The undersigned hereby certifies that he is an authorized representative of the drilling contractor who drilled the above described well and that he has conducted deviation tests and obtained the following results:

Degrees @ Depth		Degrees @ Depth		Degrees @ Depth	
3/4	198	4 1/2	8,386		
1/2	401	4 3/4	8,447		
1/2	914	4 3/4	8,509		
1/2	1,408	3 3/4	8,604		
3/4	1,919	3 1/2	8,784		
2 1/4	2,386				
2 1/4	2,576				
1 1/4	2,724				
1 1/4	2,957				
1	3,428				
3/4	4,196				
1/2	4,666				
3/4	5,166				
1/2	5,638				
3/4	6,109				
3/4	6,609				
1/2	6,902				
1 1/4	7,394				
2 1/4	7,886				
4 3/4	8,262				

Drilling Contractor: **EXETER DRILLING COMPANY**

By: Bob Lange  
 Bob Lange  
 Drilling Manager  
 Southern Division

Subscribed and sworn before me this 8th day of January, 1996.



Daphne R. Watson  
 Daphne R. Watson  
 Notary Public  
 Commission Expires: March 22, 1997

District I  
 PO Box 1900, Hobbs, NM 88241-1900  
 District II  
 PO Drawer DD, Artesia, NM 88211-0719  
 District III  
 1000 Rio Bronze 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-104  
 Revised February 10, 1994  
 Instructions on back  
 Submit to Appropriate District Office  
 5 Copies

AMENDED REPORT

**I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT**

Operator name and Address Conoco, Inc. 10 Desta Drive, Suite 100W Medford, Texas		Oil Conservation Division RECEIVED 06 JU 5 AM 8 52	OCGRID Number 005073
THIS WELL HAS BEEN PLACED IN THE POOL DESIGNATED BELOW. IF YOU DO NOT CONCLUDE NOTIFY THIS OFFICE.		Range for Filing Code NW	
API Number 30-025-33194	Pool Name East Skook D-K ABO	Pool Code 52630 15200	
Property Code 003122	Property Name Warren Unit	Well Number 127	

**II. Surface Location**

UL or lot no.	Section	Township	Range	Lot/Idn	Feet from the	North/South Line	Feet from the	East/West Line	County
P	28	20-S	38-E		330	South	660	East	Lea

**Bottom Hole Location**

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

Lea Code F	Producing Method Code F	Gas Connection Date 4/15/96	C-129 Permit Number	C-129 Effective Date	C-129 Expiration Date
---------------	----------------------------	--------------------------------	---------------------	----------------------	-----------------------

**III. Oil and Gas Transporters**

Transporter OGRID	Transporter Name and Address	POD	O/G	POD ULSTR Location and Description
005108	Sentinel Transportation Co. 1214 N. Eastside Dr.-Bldg. A Wichita Falls, Texas 76304	2817460	O	Sec. 28, T-20-S, R-38-E
024650	Warren Petroleum Corp. P.O. Box 67 Monument, New Mexico 88265	2817459	G	Sec. 28, T-20-S, R-38-E

**IV. Produced Water**

POD 0774150	POD ULSTR Location and Description Sec. 28, T-20-S, R-38-E
----------------	---

**V. Well Completion Data**

Spud Date	Ready Date	TD	PBTD	Perforations
12-2-95	4-15-96	8784'	8506'	7239 - 7339'
Hole Size	Casing & Tubing Size	Depth Set	Seals Cement	
12-1/4"	8-5/8"	3705'	1500 sx	
7-7/8"	5-1/2"	8784'	2100 sx	

**VI. Well Test Data**

Date New Oil	Gas Delivery Date	Test Date	Test Length	Tr. Pressure	Gas Pressure
4-15-96	4-15-96	4-18-96	24	80 #	-
Choke Size	Oil	Water	Gas	AOF	Test Method
-	21	96	285	-	-

I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Signature: *Ann E. Ritchie*  
 Printed name: Ann E. Ritchie  
 Title: Regulatory Agent  
 Date: 5-8-96 Phone: (915) 684-6381

OIL CONSERVATION DIVISION  
 Approved by: *Paul G. [Signature]*  
 Title: *Geologist*  
 Approval Date: JUL 3 1996

* If this is a change of operator fill in the OGRID number and name of the previous operator			
Previous Operator Signature	Printed Name	Title	Date

NM 88241-1980

Artesia, NM 88211-0719

Brazos Rd., Artesia, NM 87410

Box 2088, Santa Fe, NM 87504-2088

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

Instructions on back  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

96 JUL 5 AM 8 52

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-025-33194		*Pool Code 56630	*Pool Name East Skaggs Abo
*Property Code 003122	*Property Name WARREN UNIT		*Well Number 127
*OGRD No. 005073	*Operator Name CONOCO, INC.		*Elevation 3524'

<sup>10</sup> Surface Location

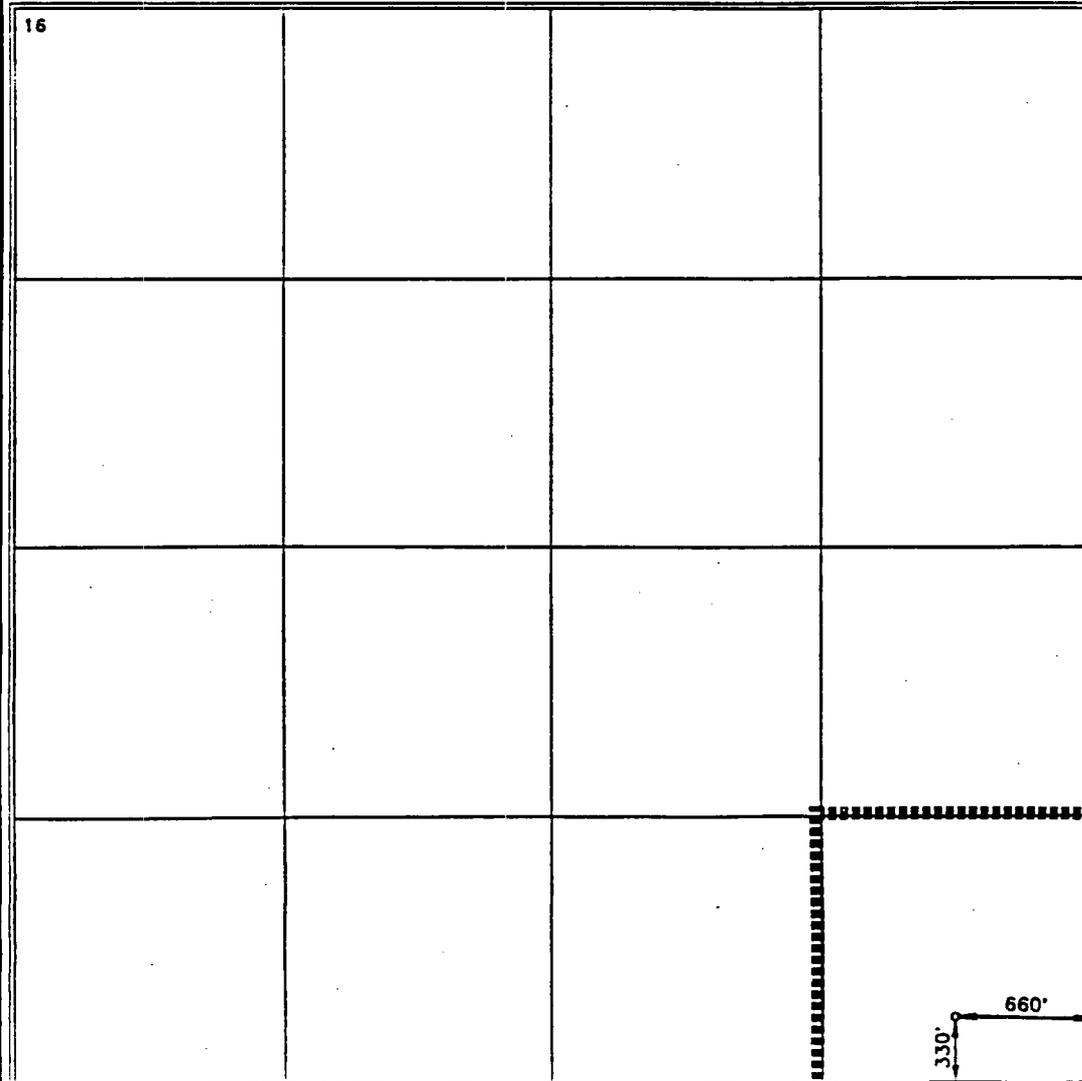
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	28	20-S	38-E		330	SOUTH	660	EAST	LEA

<sup>11</sup> 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

<sup>12</sup> Dedicated Acres 40	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.
-------------------------------------	-------------------------------	----------------------------------	-------------------------

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



<sup>17</sup> OPERATOR CERTIFICATION

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

*Jerry W. Hoover*  
Signature

JERRY W. HOOVER  
Printed Name

SR. CONSERVATION COORDINATOR  
Title

10/20/95  
Date

Date

<sup>18</sup> 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 4 1995  
Date of Survey

Signature and Seal of Professional Surveyor

*Earl F. Foote*  
8278  
REGISTERED PROFESSIONAL LAND SURVEYOR

Certificate Number

8278

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993  
Lease Designation and Serial No.

RECEIVED  
CONSERVATION DIVISION  
FEB 29 AM 8 52

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT --" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well  Gas Well  Other

2. Name of Operator

CONOCO INC.

3. Address and Telephone No.

10 DESTA DR. STE 100W, MIDLAND, TX. 79705 (915) 684 - 6381  
(915) 686 - 5424

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SURFACE: 330' FSL & 660' FEL of Section 28, T-20S, R-38E  
TD: Same

LC 031695B  
6. If Indian, Allottee or Tribe Name  
7. If Unit or CA, Agreement Designation  
8. Well Name and No.  
Warren Unit  
Well # 127  
9. API Well No.  
30-025-33194  
10. Field and Pool, or Exploratory Area  
Warren McKee  
11. County or Parish, State  
LEA, NM

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment P&A
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other Set Intermediate Casing
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

12-10-95 TD-3705' Ran 90 jts. 8-5/8" 32# K-55 casing to a total depth of 3705'. Cemented with a lead slurry of 1300 sx Class "C" lite w/10#/sx NaCl & 1/4# cello-flakes/sx, followed by the tail slurry of 200 sx Class "C" w/ 2% CaCl. Centralizers installed on middle of first joint and every 4th joint thereafter. Total 18 centralizers. Circulated 220 sx to pit. Plug down at 4:15 pm 12-10-95. BLM notified 0630 on 12-10-95.

*J. Lara*  
FEB

RECEIVED  
JAN 18 10 20 AM '96  
CARI  
ARELLANO

14. I hereby certify that the foregoing is true and correct

Signed

Title

Ann E. Ritchie  
REGULATORY AGENT

Date

01-16-96

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes 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.

\*See Instruction on Reverse Side

UNITED STATES CONSERVATION DIVISION  
DEPARTMENT OF THE INTERIOR RECEIVED  
BUREAU OF LAND MANAGEMENT  
'96 FEB 29 AM 8 52

FORM APPROVED

Budget Bureau No. 1004-0135

Expires: March 31, 1993

5. Lease Designation and Serial No.

LC 031695B

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Warren Unit  
Well # 127

9. API Well No.

30-025-33194

10. Field and Pool, or Exploratory Area

Warren McKee

11. County or Parish, State

LEA, NM

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT --" for such proposals

**SUBMIT IN TRIPLICATE**

1. Type of Well

Oil Well  Gas Well  Other

2. Name of Operator

CONOCO INC.

3. Address and Telephone No.

10 DESTA DR. STE 100W, MIDLAND, TX. 79705 (915) 684 - 6381  
(915) 686 - 5424

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SURFACE: 330' FSL & 660' FEL of Section 28, T-20S, R-38E  
TD: Same

**12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

**TYPE OF SUBMISSION**

- Notice of Intent  
 Subsequent Report  
 Final Abandonment Notice

**TYPE OF ACTION**

- Abandonment P&A  Change of Plans  
 Recompletion  New Construction  
 Plugging Back  Non-Routine Fracturing  
 Casing Repair  Water Shut-Off  
 Altering Casing  Conversion to Injection  
 Other Spud & Surface Casing  Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

12-02-95 Spud well at 9:15 a.m. Drill to a total depth of 401'. Rig up casing crew and run 9 jts 13-3/8" 54.5# J-55 casing to a total depth of 401. Rigged up cementers and cemented casing with 440 sx Class "C" w/ 2% CaCl, 1/4#/sx cello-flakes. Circulated 21 sx to pit. Plug down at 1:00 am 12-04-95. BLM notified at 0600 on 12-03-95.

*Ann E. Ritchie*  
FEB 2

RECEIVED  
JAN 18 10 20 AM '96

RECEIVED

14. I hereby certify that the foregoing is true and correct

Signed

*Ann E. Ritchie*

Title

Ann E. Ritchie  
REGULATORY AGENT

Date

01-15-96

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes 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.

\*See Instruction on Reverse Side

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

N.M. OIL CONS. COMMISSION  
P.O. BOX 1980  
HOBBS, NEW MEXICO 88240

CONSERVATION DIVISION RECEIVED  
FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS FEB 28 AM 8

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator  
CONOCO, Inc.

3. Address and Telephone No.  
10 Desta Dr. Ste 100W, Midland, TX 79705

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
330' FSL & 660' FEL  
Sec. 28, T-20S, R-38E

5. Lease Designation and Serial No.

52 LC 031695B

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Warren Unit No. 127

9. API Well No.

30-25-33194

10. Field and Pool, or Exploratory Area  
Wildcat McKee

11. County or Parish, State

Lea, NM

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input type="checkbox"/> Other
	<input checked="" type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

It is proposed to make the following changes in the drilling plan for the Warren Unit No. 127 (approved 11/22/95):

- Change the intermediate hole size from 12-1/4" to an 11" hole.  
(The same approved 8-5/8" casing will still be used)
- 1000 sxs of cement will be used to circulate casing annulus to the surface.  
(800 sxs lead & 200 sxs tail)

These changes were verbally approved by Shannon Shaw by phone 11/29/95.

RECEIVED  
DEC 1 10 59 AM '95  
CARL AREA

14. I hereby certify that the foregoing is true and correct

Signed

*Shannon Shaw*

Title

Sr. Conservation Coordinator

Date

11/30/95

(This space for Federal or State office use)

Approved by

Signed by Shannon Shaw

Title

PETROLEUM ENGINEER

Date

1/17/96

Conditions of approval, if any:

Form 3160-30N  
(July 1989)  
(formerly 9-331C)

N.M. OIL COI  
P.O. BOX 19  
HOBBS, N.M.

OPER. OGRID NO. 5073  
PROPERTY NO. 3122  
POOL CODE 63270  
EFF. DATE 11/27/95  
API NO. 30-025-33194 K

NM Roswell District  
Modified Form No.  
NMD60-3160-2

DEPARTMENT OF  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO

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  
Conoco, Inc.  
3. ADDRESS OF OPERATOR  
10 Desta Dr. Ste 100W, Midland, TX 79705

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)  
At surface 330' FSL & 660' FEL  
At proposed prod. zone 330' FSL & 660' FEL  
Unit P

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

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

16. NO. OF ACRES IN LEASE

17. NO. OF ACRES ASSIGNED TO THIS WELL  
40

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

19. PROPOSED DEPTH  
9000'

20. ROTARY OR CABLE TOOLS  
Rotary

21. ELEVATIONS (Show whether SP, RT, GR, etc.)  
3524'

22. APPROX. DATE WORK WILL START\*  
12/1/95

PROPOSED CASING AND CEMENTING PROGRAM

HOLE SIZE	CASING SIZE	WEIGHT/FOOT	GRADE	THREAD TYPE	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2"	13-3/8"	54.5#	K-55	ST&C	400	440 sx/circ.
12-1/4"	8-5/8"	24# & 32#	K-55	ST&C	3700'	1735 to surf
7-7/8"	5-1/2"	17#	K-55/L-80	LT&C	9000'	1385 to 2500'

It is proposed to drill a vertical exploratory well to granite according to the following attachments:

- Well Location and Acreage Dedication Plat (C-102)
- Proposed Well Plan Outline
- Cementing Program
- Surface Use Plan
- EXHIBIT A: Vicinity and Lease Road Map
- EXHIBIT B: 7.5" Quadrangle Topo Map
- EXHIBIT C.1 - C.4: Road, Pipeline, and Electric line plats
- EXHIBIT D: Standard Rig Layout
- BOP and Choke Manifold Specifications for Exploratory Well
- H2S Drilling Operations Plan
- Letter verifying negotiations with surface land owner
- Archeological survey has been ordered & will be filed as soon as completed

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 OCT 23 9 15 AM '95  
 CARBON COPY  
 AREA OFFICE

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.

SIGNED [Signature] TITLE Sr. Conservation Coordinator DATE 10/20/95

(This space for Federal or State office use)

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

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_ 1995

CONDITIONS OF APPROVAL, IF ANY:

APPROVAL SUBJECT TO  
GENERAL REQUIREMENTS AND  
SPECIAL STIPULATIONS  
ATTACHED

\*See Instructions On Reverse Side

District I  
 PO Box 1980, Hobbs, NM 88241-1980  
 District II  
 PO Drawer DD, Artesia, NM 88211-0719  
 District III  
 1000 Rio Brazos Rd., Artec, 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 30-025- 33194		'Pool Code 63270		'Pool Name Wildcat McKee Warren	
'Property Code 003122		'Property Name WARREN UNIT			'Well Number 127
'GRID No. 005073		'Operator Name CONOCO, INC.			'Elevation 3524'

<sup>10</sup> Surface Location

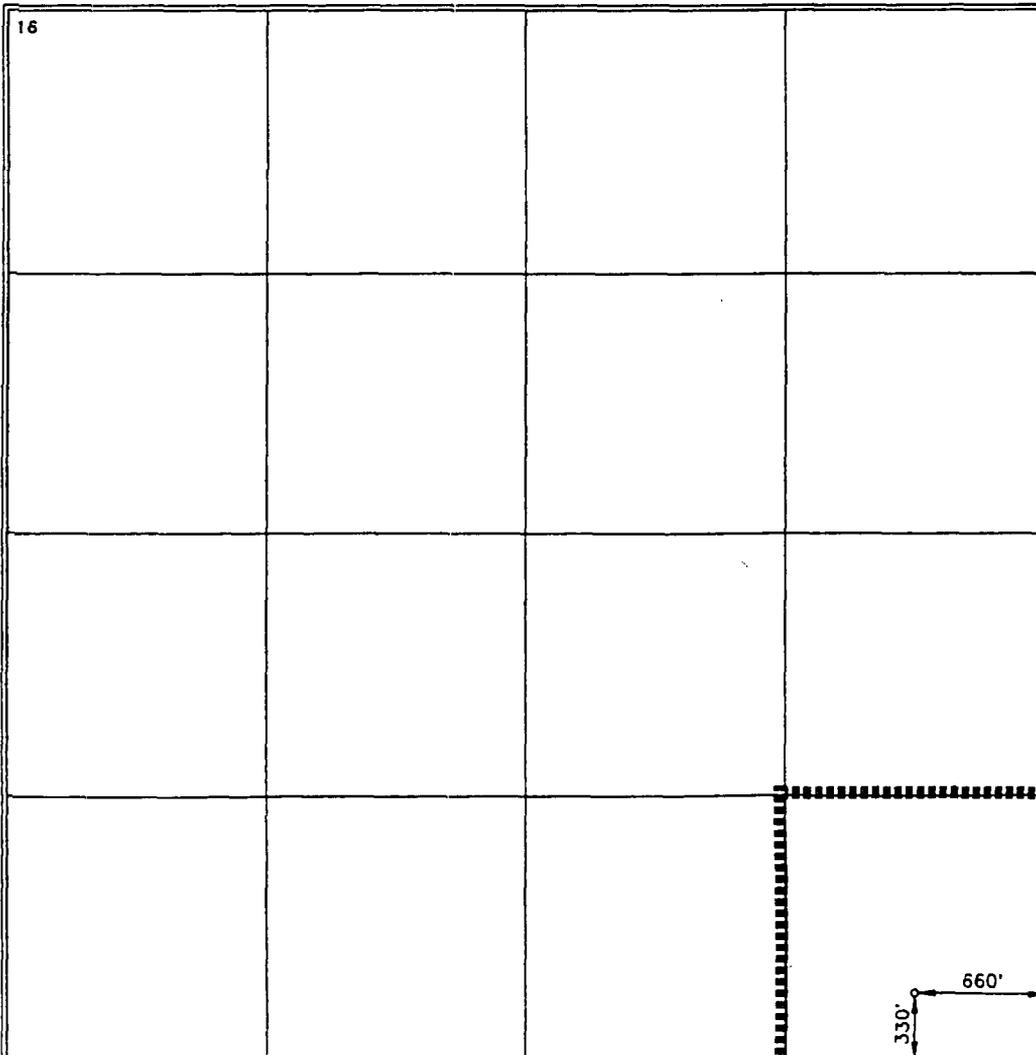
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	28	20-S	38-E		330	SOUTH	660	EAST	LEA

<sup>11</sup> 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 40	'Joint or Infill	'Consolidation Code	'Order No.
------------------------	------------------	---------------------	------------

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



<sup>17</sup> OPERATOR CERTIFICATION

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

*Jerry W. Hoover*  
 Signature  
 JERRY W. HOOVER  
 Printed Name  
 SR. CONSERVATION COORDINATOR  
 Title  
 10/20/95  
 Date

<sup>18</sup> SURVEYOR CERTIFICATION

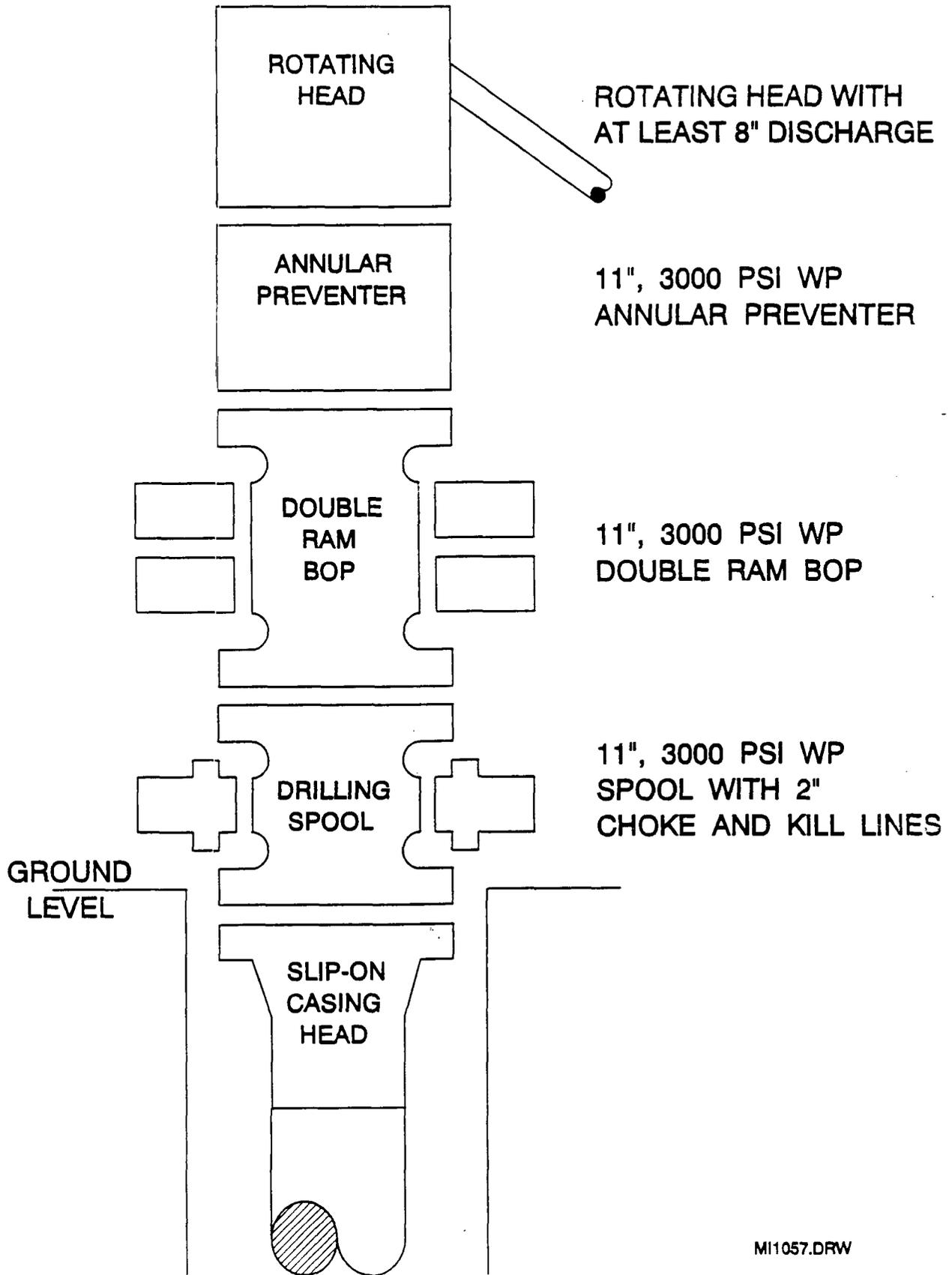
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to best of my belief.

OCTOBER 10 1995  
 Date of Survey

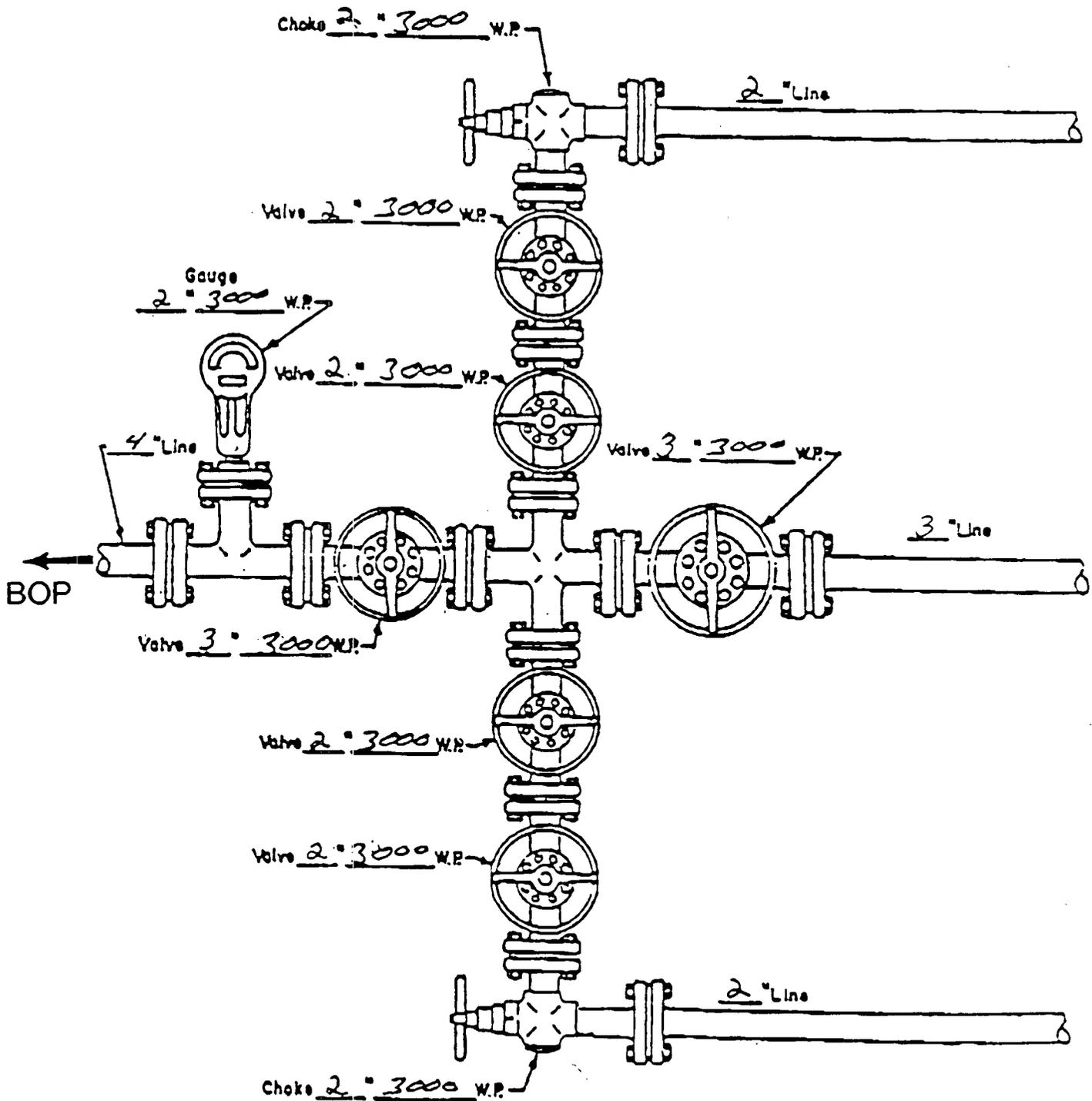
*Earl Foote*  
 Signature and Seal of Professional Surveyor

Certificate Number 8278

# BOP SPECIFICATIONS



# CHOKE MANIFOLD DIAGRAM



MANIFOLD  
3000 #W.P.

- Manual
- Hydraulic

## H2S DRILLING OPERATIONS PLAN

### I. Hydrogen Sulfide Training

All contractors and subcontractors employed by Conoco will receive or have received training from a qualified instructor within the last twelve months in the following areas prior to commencing drilling operations on this well.

1. The hazards and characteristics of hydrogen sulfide (H2S)
2. Safety precautions
3. Operations of safety equipment and life support systems.

In addition, contractor supervisory personnel will be trained or prepared in the following areas:

1. The effect of H2S on metal components in the system, especially high tensile strength tubulars are to be used.
2. Corrective action and shut-down procedures when drilling or reworking a well, blowout prevention and well control procedures, if the nature of work performed involves these items.
3. The contents and requirements of the contingency plan when such plan is required.

All personnel will be required to carry documentation of the above training on their person.

### II. H2S EQUIPMENT AND SYSTEMS

#### 1. Safety Equipment

The following safety equipment will be on location:

- A. Wind direction indicators as seen in attached diagram.
- B. Automatic H2S detection alarm equipment (both audio and visual).
- C. Clearly visible warning signs as seen on the attached diagram. Signs will use the words "POISON GAS" and "CAUTION" with a strong color contrast.
- D. Protective breathing equipment will be located in the dog house and at briefing areas as seen in the attached diagram.

## **2. Well Control Systems**

### **A. Blowout Prevention Equipment**

Equipment includes but is not limited to:

- a. pipe rams to accomodate all pipe sizes
- b. blind rams
- c. choke manifold
- d. closing unit
- e. flare line and means of ignition

### **B. Communication**

The rig contractor will be required to have two-way communication capability. Conoco will have either land-line or mobile telephone capabilities.

### **C. Mud Program**

The mud program has been designed to minimize the volume of H<sub>2</sub>S circulated to surface. Proper mud weight, safe drilling practices, and the use of H<sub>2</sub>S scavengers when appropriate will minimize hazards when penetrating H<sub>2</sub>S bearing zones.

### **D. Drill Stem Tests**

There are no drill stem tests proposed for this well.

## **III. WELL SITE DIAGRAM**

A complete well site diagram including the following information is attached:

1. Rig orientation
2. Terrain
3. Briefing areas
4. Ingress and egress
5. Pits and flare lines
6. Caution and danger signs
7. Wind indicators and prevailing wind direction



WDI

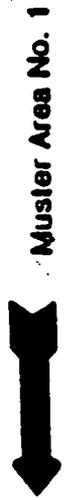


H2S Safety Contractor

Terrain is flat, and covered with native grasses  
Two of the three WDI (wind direction indicator) locations will be utilized  
(Prevailing winds are SW to NE)



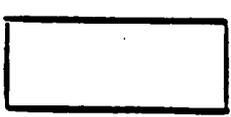
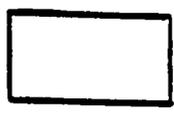
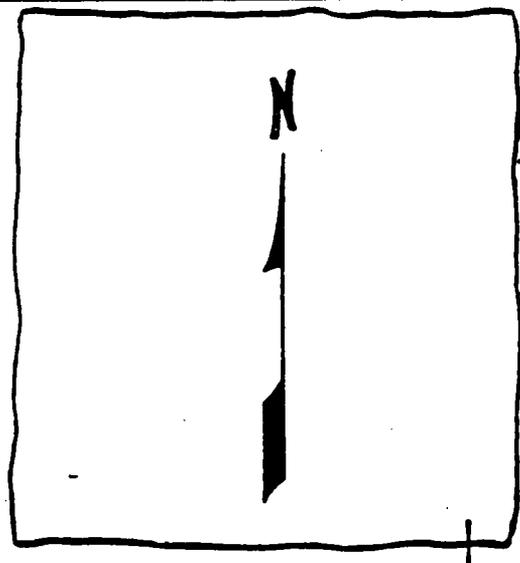
Conoco Quarters



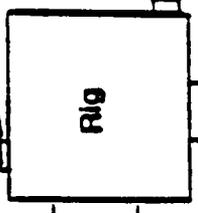
Muster Area No. 1



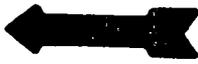
Contractor Quarters



WDI



Rig



Choke Manifold

Muster Area No. 2  
WDI

