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Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or according to the

SEP 2 4 1993

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

State of New Mexico Energy, Minerals and Natural Resources Department

Form C-102 Revised 1-1-89

#### OIL CONSERVATION DIVISION P.O. Box 2088

Santa Fe, New Mexico 87504-2088

DISTRICT 1 P.O. Box 1980, Hobbs, NM 88240

DISTRICT II P.O. Drawer DD, Artesia, NM 88210

## WELL LOCATION AND ACREAGE DEDICATION PLAT

CONOCO INC.     Lease     WARREN UNIT     Well No.       it Letter     Section     Township     Range     County       H     28     20 SOUTH     38 EAST     NMPM     LEA       ual Footage Location of Well:     2180     feet from the     NORTH     line and     660     feet from the     EAST     line       Pool     Producing Formation     Pool     Pool     Blue hurd Harman Tithe Warran Drinkford     Dedicated Acreage:	ISTRICT III 000 Rio Brazos Rd	., Artec, NM 87410					es of the sectio		
it latter       Section       Township       Reare       38 EAST       NOPN       Coulty         21800       rest room the NORTH       Noe not       660       rest room the EAST       line         2342.7*       Bineticity / FCBS / Orivkavd       Eliasted Arreage:       40       Acr         3342.7*       Bineticity / FCBS / Orivkavd       Eliasted Arreage:       40       Acr         Online the screege dedicated to the subject will by colored pencil of herburn marks on the plat below.       11       more than one lesse is dedicated to the well, outline sacks and identify the origerthip thereof (both as to working interest and ropally).       12         If more than one lesse of different origerthip is dedicated to the well, bave the interest of all orners been consolidated (by communitation, forced-pool therburner);       0       12       Screerse ride of interest, has been approved by the brink.       10         If the origer sand, well, start descriptions which have exclusibly been consolidated (by communitation, unitization, forced-pool therburner);       0       10 </td <td>perator</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>Well No. 111</td>	perator								Well No. 111
H     28     20 SOUTH     38 EAST     NEW     EA       val Fridge Location of Well     NORTH     100 feet from the     EAST     Inter       value form lister     Producting Formation     960     feet from the     EAST       Side_277     Producting Formation     Producting Formation     Producting Formation     Producting Formation       Side_277     Producting Formation     Producting Formation     Producting Formation     Producting Formation       Toutline the accessed definition to the well, outline seeks and identify the ormer high thereof (both set to vorking interest and royally).     If more than one lease of affecting to accessifiation     If more than one lease of affecting to accessifiation       If more than one lease of affecting to accessifiation     If acresser is 'no' list of oneses and tract descriptions which have actually been consolidated. (Use reverse fide of in from accessing to the order of accessifiation on unitiation, foreed-pool thereise) or unit a long-standard unit, eliminating such interest, has been approved by the Dirition.     OPERATOR CERTIFICATION is the order of accessifiation on accessifiation on a comparing the accessifiation on a comparing the accessified of a product of accessified on a provide the field of a foreign accessified on a comparing the accessified on a comparin		<b></b>						0	
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## ATTACHMENT TO FORM 3160-3 APPLICATION FOR PERMIT TO DRILL

#### Conoco Inc.

### Warren Unit No. 111 Sec. 28, T-20S, R-38E Lea County, New Mexico

- 1. The estimated tops of important geologic markers are shown on the attached Proposed Well Plan Outline.
- 2. The estimated depths at which anticipated water, oil, gas or other mineral-bearing formations to be encountered are shown on the attached Proposed Well Plan Outline.
- 3. A drawing of Blowout Preventer Specifications is attached. Pipe rams and blinds will be checked to the working pressure of the stack or 70% of the minimum internal yield strength of the casing whichever is less. BOP will be checked when casing string is set.
- 4. The proposed casing program is as follows:

0-1500':	9-5/8"	36#	K-55
0-6700':	7"	23	K-55

5. The proposed mud program is as follows:

0-1200'	8.4# Fresh
1500'-5600':	10.0# Saturated Brine
5600'-6700':	10.2# Brine w/starch

6. The logging suite will include the following open-hole logs:

1) GR-CAL-DLL-MSFL-CNL-LDT from TD-2500' and 2) CBIL from TD-2500'. A temperature survey will be run to determine the top of cement on each casing string where cement is not circulated.

- 7. Special Drilling Problems:
  - a) Lost circulation 4000'-5000'.
  - b) Possible differential sticking 5000'-5500'.
- 8. The anticipated starting date is 9-15-93 with a duration of approximately 14 days.

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# **PROPOSED WELL PLAN OUTLINE**

# WELLNAME WARREN UNIT NO.111

# LOCATION 2180'FNL 660'FEL SECT. 28 T-20S R-38E LEA CO.

/D		FORMATION	DRILLING	TYPE OF FORMATION		CASING		FORMATION	MUD	
	MD	TYPE	PROBLEMS	EVALUATION	HOLE	SIZE DEPTH	FRAC	PRESSURE		
0			POSSIBLE HOLE ENLARGEMENT & SLOUGHING		12-1/4"	SIZE DEPTH	GRAD	GRADIENT	WT TYPE 8.4 FRESH	DAYS
1										
•		RUSTLER 1430'				9-5/8°.36#, K-55, ST&C	@ 1500*			
2					8-3/4"	Composited with 800 sz			10 BRINE	
-		BASE SALT 2525' YATES 2730'		2-MAN MUD LOGGERS 2500' - TD						
3		7-RIVER\$ 2985'								
		GRAYBURG 3575								
4		SAN ANDRES 4040"	POSSIBLE LOST	H2S MONITORS AT 4000'				LESS THAN 8.3		
5		GLORIETTA 5355'	CIRCULATION OR SEEPAGE. W.U.35 HAD STUCK HIPE DUE TO DIFFERENTIAL STICKING WHILE DRILLING THRU GLORIETTA							
6		BLINEBRY 5805'	POSSIBLE SEEPAGE FROM BLINEBRY - TD						10.2 BRINE Starch	
-		TUBB 6315' Drinkard 6605'		GR-CAL-DDL-MSPL FROM 2500' - TD GR-CAL-FDC-CNL-PE FROM 2500' - TD						
7		TD 6700*		BRING GR-CAL TO SURFACE ON ONE SUITE		7", 23#, K-55, LT&C @ 6 Comented with 1400 sx	700'	LESS THAN 8.3		
4 1 1										
8										



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# **BOP SPECIFICATIONS**





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