

HOBBBS, NEW MEXICO, 88206

UNIT
DEPARTMENT

BUREAU OF

APPLICATION FOR P

OFFER, CONDUIT NO. 5012

PROPERTY NO. 3122

POOL CODE 96343

EFF. DATE 4/10/97

API NO. 30-025-33914

PLICATE

ations on
ide)FORM APPROVED
OMB NO. 1004-0133
Expires February 28, 1995

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐

b. TYPE OF WELL

OIL
WELL ☒GAS
WELL ☐

OTHER

SINGLE
ZONE ☒MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Conoco Inc.

a. ADDRESS AND TELEPHONE NO

10 Desta Dr. Ste 100W, Midland, Tx. 79705-4500

(915) 686-6548

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

At surface

1820 FSL & 630 FWL

At proposed prod. zone

1820 FNL & 630 FWL

Unit L

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)

16. NO. OF ACRES IN LEASE

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

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

19. PROPOSED DEPTH

4750'

20. ROTARY OR CABLE TOOLS

Rotary

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

3520' GR

22. APPROX. DATE WORK WILL START*

5/15/97

23

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	M-50 K-55 8-5/8"	#23	420'	WITNESS 350 sxs, circ.
7-7/8"	K-55 5-1/2"	#15.5	4750'	960 sxs, circ.

It is proposed to drill a vertical wellbore as a vertical Grayburg-Sandres producer according to the plan submitted in the following attachments:

SAN ANDRES

1. Well Location and Acreage Dedication Plat (C-102)
2. Proposed Well Plan Outline
3. Surface Use Plan
4. EXHIBIT A: Vicinity and Lease Road Map
5. EXHIBIT B: 7.5 " Quadrangle Topo Map.
6. EXHIBITS C.1 - C.2: Pipeline plat
7. EXHIBIT D: Trailer-mounted rig layout
8. BOP & Choke Manifold Specifications
9. H2S Drilling Operations Plan.
10. Surface Owner Settlement Letter

An archeological survey will be submitted as soon as completed.

LEA COUNTY CONTROLLED WATER BASIN

RECEIVED

MAR 07 '97

SLM
ROSWELL, NM

4/11/97

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.

24.

SIGNED

TITLE

Jerry W. Hoover

Sr. Conservation Coordinator

DATE

3/6/97

(This space for Federal or State office use)

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) DONALD L. FERGUSON

ADM, MINERALS

APPROVED BY

TITLE

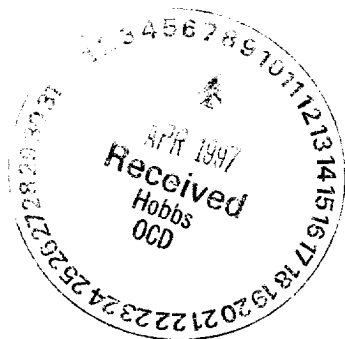
DATE

4-7-97

*See Instructions On Reverse Side

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.

B



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 30-025-33914		*Pool Code 96343	*Pool Name Warren Grayburg - San Andres
*Property Code 003122	*Property Name WARREN UNIT		*Well Number 139
*OGRID No. 005073	*Operator Name CONOCO INC.		*Elevation 3520'

¹⁰ Surface Location

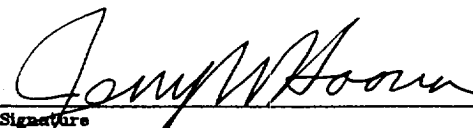
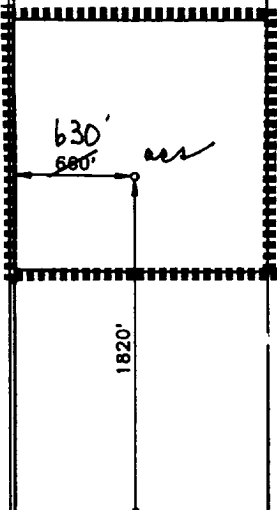
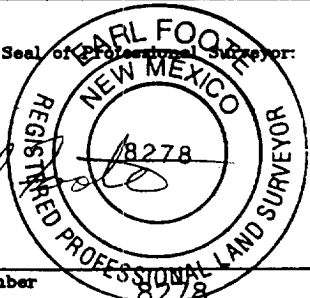
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	28	20-S	38-E		1820	SOUTH	630	WEST	LEA

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

*Dedicated Acres 40	*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					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 3/6/97 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. JANUARY 23, 1997 Date of Survey Signature and Seal of Professional Surveyor:  Certificate Number



PROPOSED WELL PLAN OUTLINE

WELL NAME
LOCATION

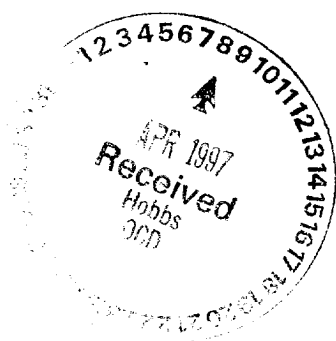
WARREN UNIT NO. 139
1830' FSL & 630' FWL, SEC.28, T-20S, R-38E, LEA CO.

TVD IN 1000'	MD	FORMATION TOPS & TYPE	DRILLING PROBLEMS	TYPE OF FORMATION EVALUATION	HOLE SIZE	CASING SIZE	DEPTH	FRAC GRAD	FORMATION PRESSURE GRADIENT	MUD WT	MUD TYPE	DAY
0			POSSIBLE HOLE ENLARGEMENT & SLOUGHING		12-1/4"					8.4	FRESH	
1		RUSTLER 1430'			7-7/8"	8-5/8" 23#, M-50, ST&C 350 sxs circ	420"					
2		BASE SALT 2546' YATES 2683'								10	BRINE STARCH	3
3		7-RIVERS 2944' QUEEN 3513' PENROSE 3664' GRAYBURG 3838'		H2S MONITOR ON @ 3500' No Mudloggers					LESS THAN 8.3			5
4		SAN ANDRES 4067' TD = 4750'		No Openhole logs		5 1/2" 15.5#, K-55, LT&C 960 sxs, attempt to circulate	4750		BHP = 1400 psi			8
5												14
6												
7												
8												

DATE 13 Feb., 1996

APPROVED Joe Miller
RESERVOIR ENGINEER

APPROVED Roger Williamson
DRILLING ENGINEER



Well Name : Warren Unit #139

Location : 1830' FSL & 630' FWL Sec 28, T-20S, R-38E, Lea County, New Mexico

Casing Program :

Surface 8 5/8" casing in 12 1/4" Hole at 420 ft.

Production 5 1/2" casing in 7 7/8" Hole at 4750 ft.

Cementing Program :

Surface

Lead 250 sacks Class C Mixed at 13.7 ppg
Additives 4% Gel + 2% A7P + 0.2% Sodium Metasilicate

Tail 100 sacks Class C Mixed at 14.8 ppg
Additives 2% A-7P

Production

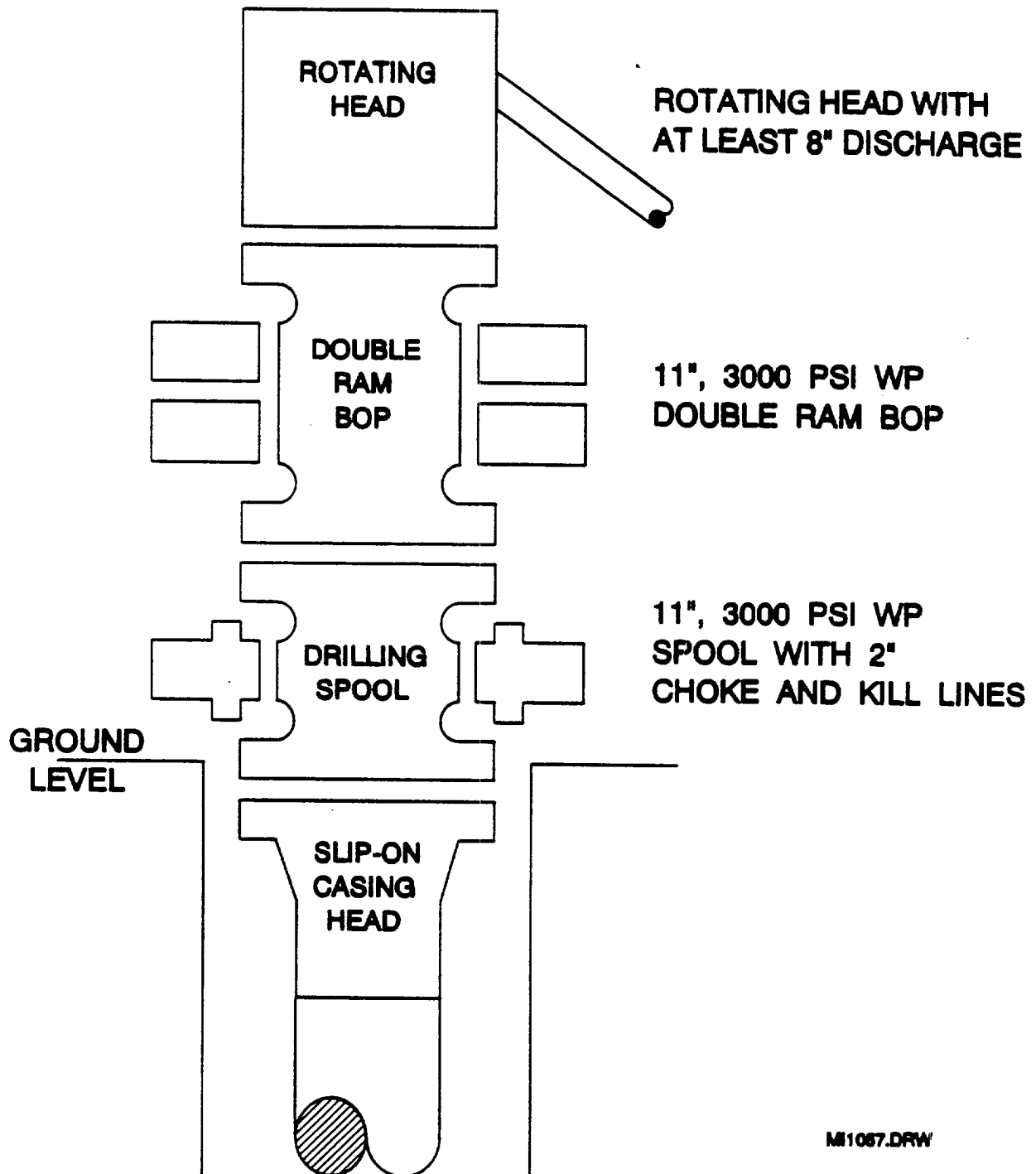
Lead 460 sacks Class C Mixed at 12 ppg
Additives 16% Gel + 3% Salt + 0.3% CD-32 + 0.3% SMS

Tail 500 sacks Class C Mixed at 14.8 ppg
Additives 1.1% FL-62 + 1% BA-58 + 3% Salt + 0.3% CD-32
+ 0.2% SMS

Free Water 0 % **Fluid Loss** 50 cc/30 min.



BOP SPECIFICATIONS



MI1067.DRW

