

PO BOX 1980
H. BS NEW MEXICO 88240
UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

CONDUCT READING
OFFICE FOR NUMBER
OF COPY REQUIRED
(Other instructions on
reverse side)

BLM Roswell District
Modified Form No.
M060-3160-2

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

Conoco, Inc.

3a. Area Code & Phone No.

(915) 686-6548

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

1730' FNL & 1830' FEL

At proposed prod. zone

1730' FNL & 1830' FEL

Unit 6

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

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

19. PROPOSED DEPTH

6800'

20. ROTARY OR CABLE TOOLS

Rotary

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

3533'

Lea County Controlled Water Basin

22. APPROX. DATE WORK WILL START

8/1/95

23.

PROPOSED CASING AND CEMENTING PROGRAM

HOLE SIZE	CASING SIZE	WEIGHT/FOOT	GRADE	THREAD TYPE	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8"	24#	K-55	ST&C	1500'	940 sx/circ.
7-7/8"	5-1/2"	15.5#	K-55	LT&C	6800'	1350 sx/circ.

It is proposed to drill this well according to the drilling plan submitted in the following attachments:

1. Well Location and Acreage Dedication Plat (C-102)
2. Proposed Well Plan Outline
3. Cementing Program
4. Surface Use Plan
5. EXHIBIT A: Vicinity and Lease Road Maps
6. EXHIBIT B: 7.5" Quadrangle Topo Map
7. EXHIBIT C.1 - C.4: Pipeline and Electric line plats
8. EXHIBIT D: Trailer-mounted Rig Layout
10. BOP and Choke Manifold Specifications
11. H2S Drilling Operations Plan
12. Letter verifying negotiations with surface land owner

OPER. OGRID NO. 5073
PROPERTY NO. 3127
POOL CODE 62965
EFF. DATE 7/3/95
API NO. 30-025-33008

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

James M. Hoover

TITLE Sr. Conservation Coordinator

DATE 5/22/95

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

Special Requirements and
Special Stipulations
Attached

*See Instructions On Reverse Side

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

District I
PO Box 1929, Hobbs, NM 88241-1929
District II
PO Drawer DD, Artesia, NM 88211-0719
District III
1000 Rio Grande Rd., Aztec, NM 87410
District IV
PO Box 2083, Santa Fe, NM 87504-2083

State of New Mexico
Energy, Minerals & Nat

OIL CONSERVA
PO B
Santa Fe, NI

Free surface

Form C-102
February 10, 1994
Instructions on back
District Office
Lease - 4 Copies
Lease - 3 Copies
ENDED REPORT

WELL LOCATION AND AC

API Number 30-025- 33008	Pool Code 62965
Property Code 3127	Property WARREN UNIT B-T
OGRID No. 005073	Operator CONOCO, INC.

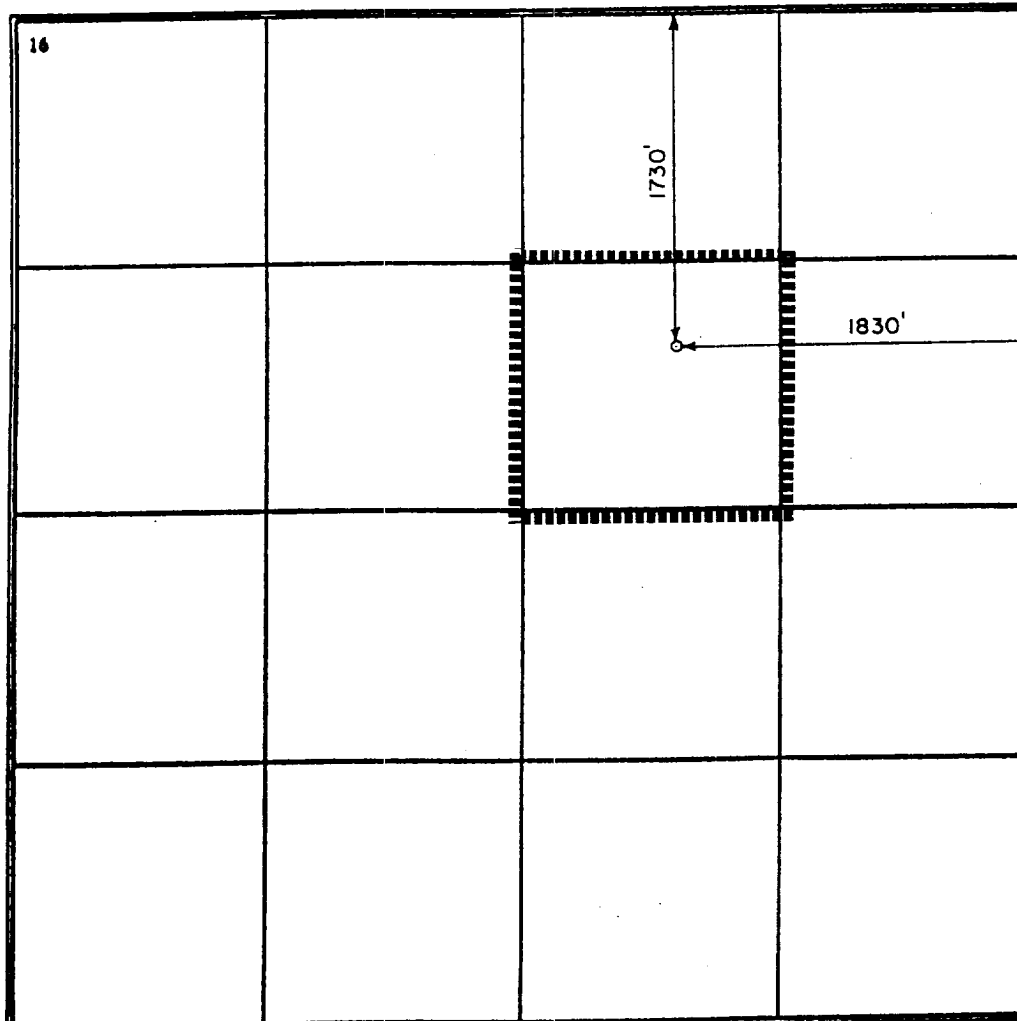
10 Surface

UL or lot no. G	Section 29	Township 20-S	Range 38-E	Lot Idn	Feet from the 1730	NORTH	1830	EAST	County LEA
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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.			

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

Signature
Jerry W. Hoover
Printed Name
Sr. Conservation Coordinator
Title
Date
5/19/95

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.

APRIL 12, 1994
Date of Survey
Signature and Seal of Professional Surveyor
Earl Foote
8278
Certificate Number 8278



PROPOSED WELL PLAN OUTLINE

WELL NAME **WARREN UNIT NO.121**

LOCATION **1730' FNL & 1830' FEL SECT. 29 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	WT	MUD TYPE	DAYS
0			POSSIBLE HOLE ENLARGEMENT & BLOWING		12-1/4"				8.4	FRESH	
1		RUSTLER 1430'			7-7/8"	1500' 8-5/8" 24#, K-55 ST&C 920 mm dia			10	BRINE	3
2		BASE SALT 2525'		2500' - TD							
		YATES 2730'									
3		7-RIVERS 2965'									5
		GRAYBURG 3575'									
4		SAN ANDRES 4040'		H2S MONITORS AT 4000'				LESS THAN 8.3			
5		GLORIETTA 5400'	POSSIBLE LOST CIRCULATION OR SEEPAGE. W.U.35 HAD STUCK PIPE DUE TO DIFFERENTIAL STICKING WHILE DRILLING THRU GLORIETTA								8
6		BLINEBRY 5838'	POSSIBLE SEEPAGE FROM BLINEBRY - TD						9.2	BRINE STARCH	10
		TUBB 6430'		GR-CAL-DDL-MSFL FROM 2500' - TD							
		DRINKARD 6745'		GR-CAL-FDC-CNL-PE FROM 2500' - TD							
7		TD 6800'		DI-Electric BRING GR-CAL TO SURFACE ON ONE SUITE		6800' 5 1/2" 15.5#, K-55, LT&C 1350 mm, attempt to circ		LESS THAN 8.3 BHP = 2100 psi			17
8											

DATE May 12, 1995

APPROVED Billy Goodwin
DRILLING ENGINEER

DIVISION DRILLING SUPERVISOR

WELL NAME: Warren Unit No. 121

CEMENTING PROGRAM

SURFACE CASING STRING

LEAD 650 sxs Class C Mixed at 13.7 ppg
Additives 4 % Gel + 2 % CaCl₂ + .2% SMS

TAIL 270 sxs Class C Mixed at 14.8 ppg
Additives 2 % CaCl

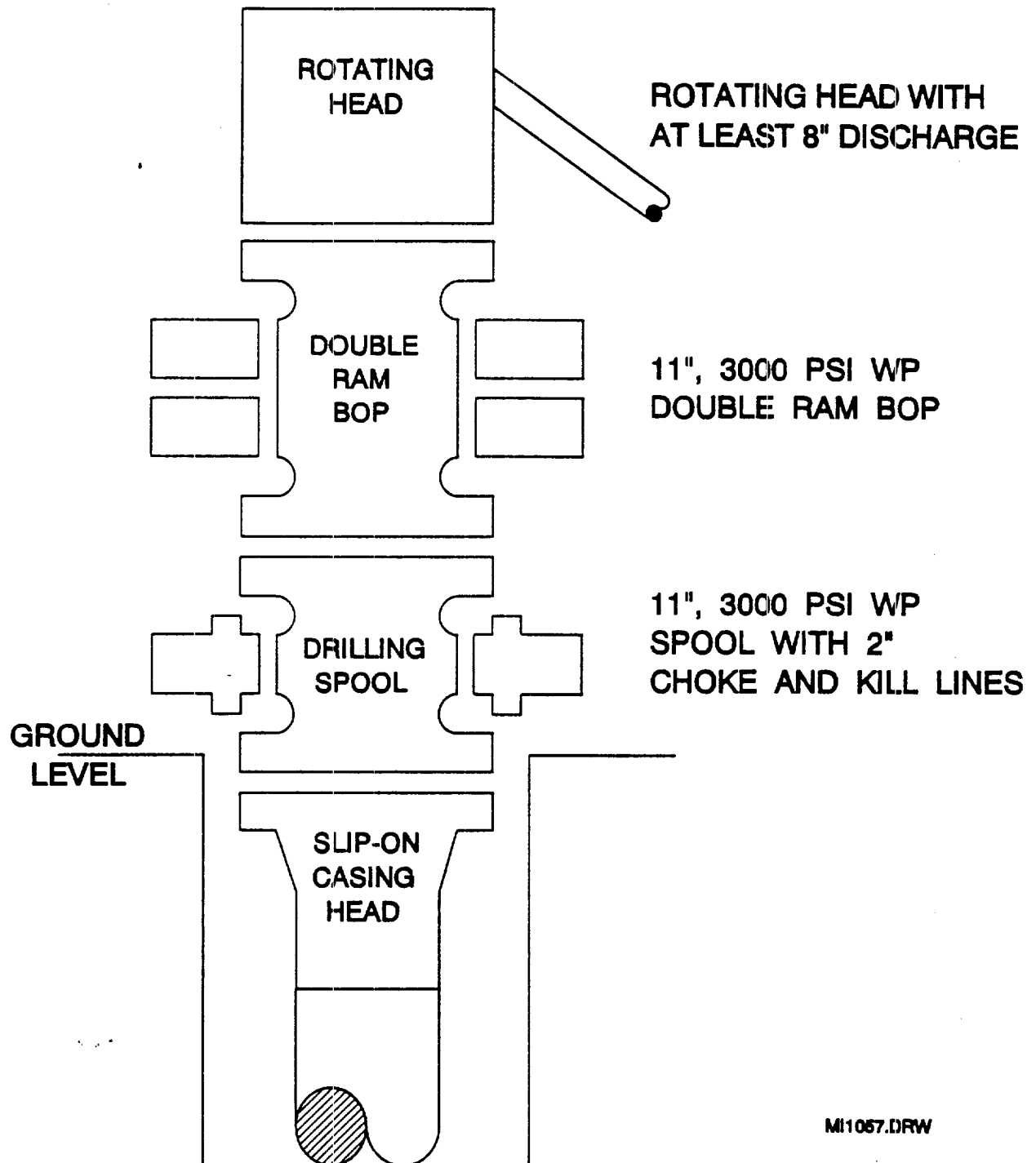
PRODUCTION CASING STRING

LEAD 750 sxs Class C Mixed at 11.6 ppg
Additives 3% SMS

TAIL 600 sxs Class C Mixed at 14.8 ppg
Additives 1.1% FL-62 + 2% BA-90 + 3% A-5 + .5% CD + .2% SMS

Percent free water 0 Water loss 51 cc

BOP SPECIFICATIONS



MI1057.DRW



Troy L. Early
Right of Way Agent
Right of Way and Claims

Conoco Inc.
Suite 550
10 Desta Drive East
Midland, Texas 79705
(915) 686-5428

May 22, 1995

Bureau of Land Management
P. O. Box 1778
Carlsbad, New Mexico 88221

Attn: Kathleen Borovac

Re: Warren Unit Well #121
Section 29, T-20-S, R-38-E,
Lea Co., NM

Dear Ms. Borovac:

Conoco Inc. has negotiated for tentative damages due to the construction of a location and appurtenances with the surface owner for the referenced project.

If you have any questions please contact me at 1-915-686-5579.

Sincerely,

A handwritten signature in cursive script that reads "Troy L. Early".

Troy L. Early
Right of Way Agent
Right of Way & Claims

cc: J. Hoover
file