

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

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.**

3. ADDRESS OF OPERATOR  
**P. O. Box 460, Hobbs, N.M. 88240**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*)  
 At surface  
**1840' FNL + 2020' FWL      Unit F**  
 At proposed prod. zone

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 drlg. 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  
**7500'**

20. ROTARY OR CABLE TOOLS  
**Rotary**

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
**3534' GL**

22. APPROX. DATE WORK WILL START\*

5. LEASE DESIGNATION AND SERIAL NO.  
**LC-031695 (B)**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME  
**Warren Unit**

8. FARM OR LEASE NAME  
**Warren Unit**

9. WELL NO.  
**94**

10. FIELD AND POOL, OR WILDCAT  
**Blinebry / Drinkard**

11. SEC., T., E., M., OR BLK. AND SURVEY OR AREA  
**Sec. 28, 20S, 38E**

12. COUNTY OR PARISH      13. STATE  
**Lea      Nm**

PROPOSED CASING AND CEMENTING PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | QUANTITY OF CEMENT             |
|--------------|----------------|-----------------|---------------|--------------------------------|
| 17 1/2"      | 13 3/8"        | 54.5 #          | 1600'         | 850 sxs Class "C" <u>Circ</u>  |
| 8 3/4"       | 7"             | 23# + 26#       | 7500'         | 1300 sxs Class "C" <u>Circ</u> |

It is proposed that the subject well be drilled + completed as a Blinebry / Drinkard dual. Attached is a location + acreage dedication plat, Attachment to Form 9-331C, a Proposed Well Plan Outline and a Surface Use Plan.

RECEIVED

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 D.F. Finney TITLE Administrative Supervisor DATE 8/12/88

(This space for Federal or State office use)

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

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE 9-14-88

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions On Reverse Side

BLM - Carlstadt (6) NMFU File

N MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102  
Supersedes C-128  
Effective 1-1-65

All distances must be from the outer boundaries of the Section

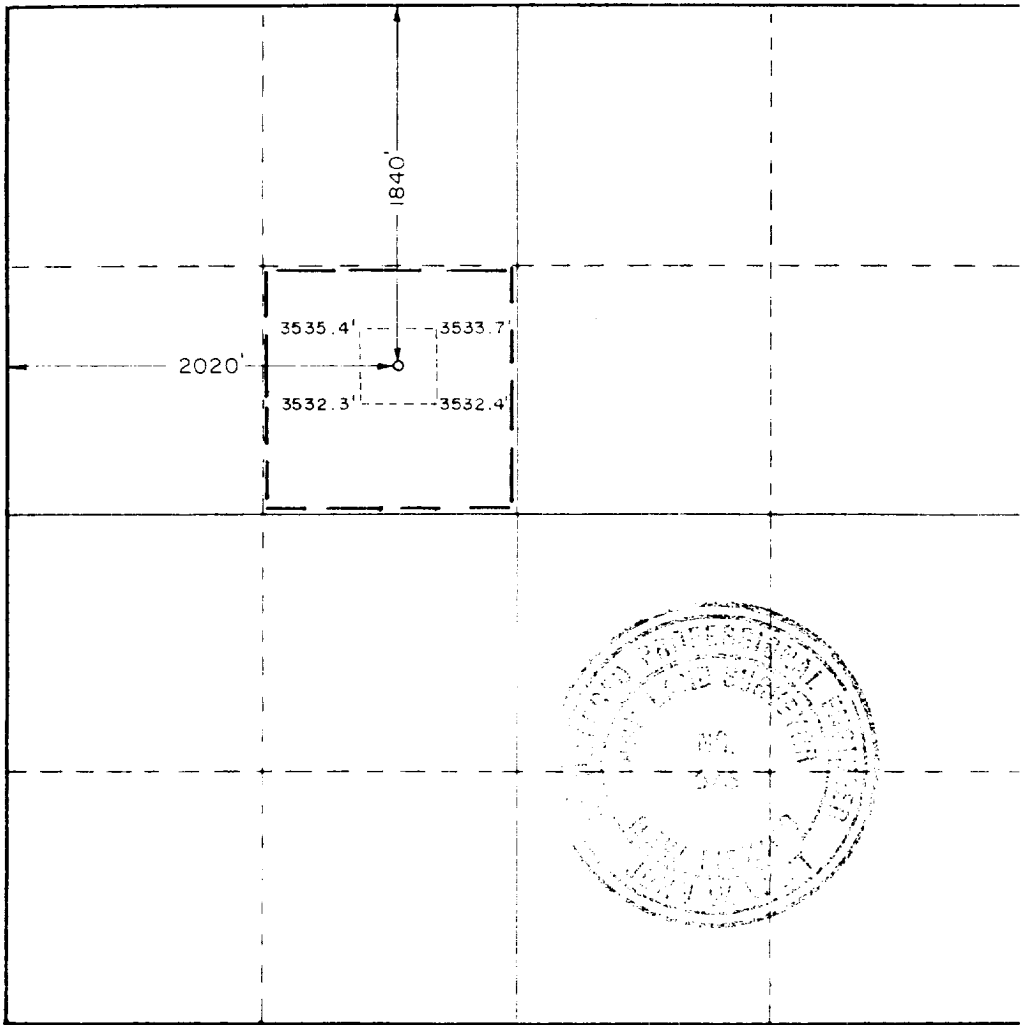
|  |  |                      |                             |                                |                |
|--|--|----------------------|-----------------------------|--------------------------------|----------------|
| Operator<br>CONOCO INC.  |  | Lease<br>WARREN UNIT |                             |                                | Well No.<br>94 |
| Unit Letter<br>F   | Section<br>28                              | Township<br>20 SOUTH | Range<br>38 EAST            | County<br>LEA                  |                |
| Actual Footage Location of Well:<br>1840 feet from the NORTH line and 2020 feet from the WEST line |  |                      |                             |                                |                |
| Ground Level Elev.<br>3534.0   | Producing Formation<br>Blinebry / Drinkard |                      | Pool<br>Blinebry / Drinkard | Dedicated Acreage:<br>40 Acres |                |

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

Yes  No If answer is "yes," type of consolidation \_\_\_\_\_

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) \_\_\_\_\_

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

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

Name: *D.F. Finney*  
 Title: *Adm. Supervisor*  
 Company: *Conoco Inc.*

Date: *8/12/88*

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 knowledge and belief.

Date Surveyed: *July 25, 1988*

Registered Professional Engineer and/or Land Surveyor

*Ronald J. Eidson*  
 Certificate No. JOHN W. WEST, 676  
 RONALD J. EIDSON, 3239

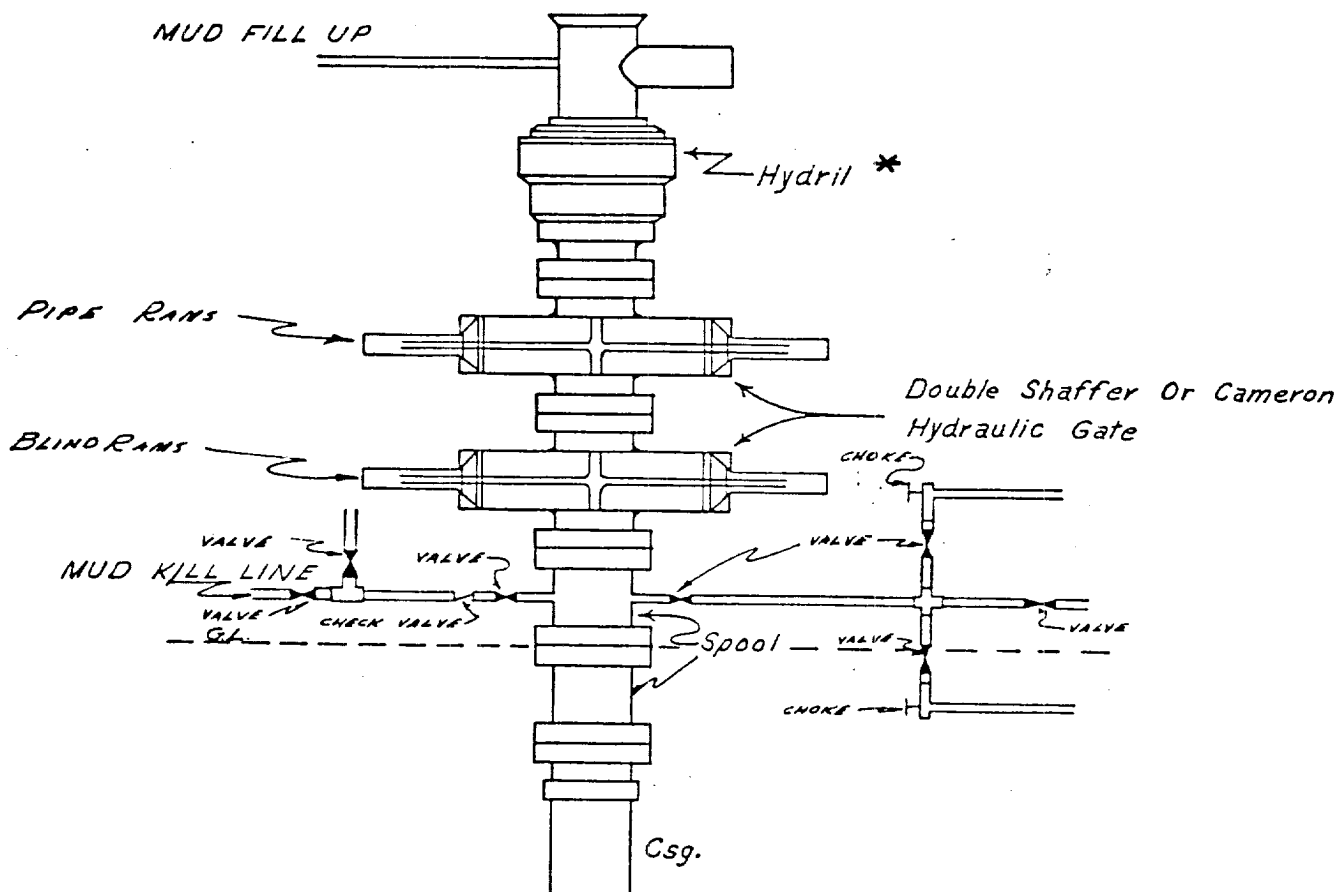
RECEIVED

SEP 16 1988

RECORDS SERVICE

CONOCO INC.

Blow-out Preventer Specifications



NOTE:

Manual and Hydraulic controls with closing unit no less than 75' from well head. Remote controls on rig floor.

\*

DUE TO SUBSTRUCTURE CLEARANCE, HYDRIL MAY OR MAY NOT BE USED.

11-21-88  
DL

Rec'd 11-1-88  
ELF

RECEIVED  
SEP 19 1988  
OCD  
HOBBS OFFICE

# WRS COMPLETION REPORT

COMPLETIONS SEC 28 TWP 20S RGE 38E  
PI# 30-T-0028 03/13/89 30-025-30473-0001 PAGE 1

NMEX LEA \* 1840FNL 2020FWL SEC SE NW  
STATE COUNTY FOOTAGE SPOT  
CONOCO INC D X DO  
OPERATOR WELL CLASS INIT FIN  
94 WARREN UNIT  
WELL NO. LEASE NAME  
3534GR BLINEBRY  
OPER ELEV FIELD/POOL/AREA  
API 30-025-30473-0001  
LEASE TYPE NO. PERMIT OR WELL I.D. NO.  
12/10/1988 02/05/1989 WO-UNIT 201LWO  
SPUD DATE COMP. DATE TYPE TOO. STATUS  
6910 NOT RPTD  
PROJ. DEPTH PROJ. FORM CONTRACTOR  
DTD 7500 PB 6910 OTD 7500 FM/TD ABO  
DRILLERS T.D. LOG T.D. PLUG BACK TD OLD T.D. FORM T.D.

## LOCATION DESCRIPTION

8 MI S NADINE, NM

## TUBING DATA

TBG 2 3/8 AT 6277 2 3/8 AT 6788 COMB STRING

## INITIAL POTENTIAL

IPF 11BOPD 15 MCFD 83BW 24HRS  
BLINEBRY PERF 5815- 6281 GROSS  
PERF 5815, 5820, 5826, 5830, 5842, 5846, 5851, 5859  
PERF 5887, 5894, 5897, 5900, 5907, 5912, 5916, 5954  
PERF 5965, 5974, 5982, 5987, 5994, 6001, 6005, 6068  
PERF 6072, 6076, 6083, 6091, 6097, 6101, 6110, 6115  
PERF 6119, 6123, 6127, 6170, 6174, 6179, 6188, 6192  
PERF 6197, 6204, 6207, 6216, 6222, 6229, 6233, 6246  
PERF 6252, 6256, 6272, 6281  
ACID 5815- 6281 54BBLs  
15% NEFE HCL  
SWFR 5815- 6281 40707GALS 33000LBS SAND  
ADDTVGELA  
GTY, GOR-NO DETAIL

CK-NO DETAILS  
FTP-NO DETAILS  
FCP-NO DETAILS

IPP 45BOPD 15 MCFD 83BW 24HRS  
DRINKARD PERF 6609- 6777 GROSS  
PERF 6609, 6613, 6617, 6621, 6625, 6713, 6717, 6721

CONTINUED IC# 300257007089

COMPLETIONS SEC 28 TWP 20S RGE 38E  
PI# 30-T-0028 03/13/89 30-025-30473-0001 PAGE 2

CONOCO INC D X DO  
94 WARREN UNIT

INITIAL POTENTIAL

PERF 6725, 6729, 6737, 6743, 6749, 6753, 6757, 6761  
PERF 6765, 6774, 6777  
ACID 6609- 6777 1000GALS  
15% NEFE HCL  
WFR 6609- 6777 167BBLS

ADDTVCO2

12 BBLS

GTY, GOR-NO DETAIL

PRODUCTION TEST DATA

ABO PERF 6995- 7001  
PERF 6995- 7001  
BRPG @ 6910 6995- 7001

DRILLING PROGRESS DETAILS

CONOCO INC  
BOX 460  
HOBBS, NM 88240  
505-393-4141  
OWWO: OLD INFO: FORMERLY CONOCO INC #94  
WARREN UNIT. ELEV 3534 GR. SPUD 9/30/88.  
13 3/8 @ 1558 W/1395 SX, 7 @ 7500 W/3585 SX.  
LOG TOPS: TUBB 6320, DRINKARD 6596, ABO 6894.  
OTD 7500. COMP 11/14/88. IPF 1242 MCFGPD.  
PROD ZONE: ABO 6995-7001.  
FIELD - BLINEBRY & DRINKARD  
03/09 LOC/1989/  
03/09 7500 TD, PB 6910  
COMP 2/5/89, IPF 11 BO, 15 MCFG, 83 BWP,  
CK (NR), GOR (NR), GTY (NR),  
FTP (NR), FCP (NR)  
PROD ZONE - BLINEBRY 5815-6281  
COMP 2/5/89, IPP 45 BO, 15 MCFG, 83 BWP,  
GOR (NR), GTY (NR)  
PROD ZONE - DRINKARD 6609-6777  
(DUAL PRODUCER)  
FIRST REPORT & COMPLETION

# WRS COMPLETION REPORT

COMPLETIONS SEC 28 TWP 20S RGE 38E  
PI# 30-T-0012 01/09/89 30-025-30473-0000 PAGE 1

NMEX LEA \* 1840FNL 2020FWL SEC SE NW  
STATE COUNTY FOOTAGE SPOT  
CONOCO INC OPERATOR D DG  
94 WARREN UNIT WELL CLASS INIT FIN  
WELL NO. LEASE NAME  
3546KB 3534GR SKAGGS E  
OPER ELEV FIELD POOL AREA  
API 30-025-30473-0000  
LEASE TYPE NO PERMIT OR WELL I.D. NO.  
09/30/1988 11/14/1988 ROTARY GAS  
SPUD DATE COMP DATE TYPE TOOL STATUS  
7500 ABO CACTUS DRLG 54 RIG SUB 11  
PROJ DEPTH PROJ FORM CONTRACTOR  
DTD 7500 FM/TD ABO  
DRILLERS T.D. PLUG BACK T.D. OLD T.D. FORM T.D.

### LOCATION DESCRIPTION

8 MI S NADINE, NM

### WELL IDENTIFICATION/CHANGES

FIELD CHGD FROM DRINKARD

### CASING/LINER DATA

CSG 13 3/8 @ 1558 W/ 1395 SACKS  
CSG 7 @ 7500 W/ 3585 SACKS

### TUBING DATA

TBG 2 7/8 AT 6813

### INITIAL POTENTIAL

IPF 1242 MCFD 12/64CK 24HRS  
ABO PERF W/ 8/IT 6995-7001 GROSS  
GOR DRY

FTP-NO DETAILS  
FCP-NO DETAILS  
GTY-NO DETAILS

| TYPE | FORMATION | LTH | TOP DEPTH/SUB | BSE DEPTH/SUB |
|------|-----------|-----|---------------|---------------|
| LOG  | BLINEBRY  |     | 5822 -2288    |               |
| LOG  | TUBB      |     | 6320 -2786    |               |
| LOG  | DRINKARD  |     | 6596 -3062    |               |

CONTINUED IC# 300257034088



COMPLETIONS SEC 28 TWP 20S RGE 38E  
 PI# 30-T-0012 01/09/89 30-025-30473-0000 PAGE 2

CONOCO INC D DG  
 94 WARREN UNIT

TYPE FORMATION LTH TOP DEPTH/SUB BSE DEPTH/SUB  
 LOG ABO 6894 -3360  
 SUBSEA MEASUREMENTS FROM GR

PRODUCTION TEST DATA

PTF 353 MCFD 15/64CK 8HRS  
 ABO PERF W/ 8/IT 6995-7001 GROSS  
 PERF 6995, 6997, 6999, 7001  
 ACID 6995-7001 1600GALS  
 15% HCL  
 TP 230

LOGS AND SURVEYS /INTERVAL,TYPE/

LOGS 7400-7404 GR 7400-7404 CCL 7400-7404 CBL  
 LOGS 7400-7404 VD DLL MSFL  
 LOGS CAL CNL FDC

DRILLING PROGRESS DETAILS

CONOCO INC  
 BOX 460  
 HOBBS, NM 88240  
 505-393-4141  
 LOC/1988/  
 08/15 7500 TD, WOCT  
 11/03  
 11/03 DEVIATION SURVEYS @ 194 (.25 DEG), 400 (.75 DEG)  
 576 (.75 DEG), 783 (1.25 DEG), 1003 (1.75 DEG),  
 1060 (1 DEG), 1269 (1.25 DEG), 1481 (1 DEG),  
 1558 (1 DEG), 1866 (1.25 DEG), 2194 (.50 DEG),  
 2629 (.50 DEG), 2979 (.25 DEG), 2383 (.25 DEG),  
 3383 (.25 DEG), 3754 (0 DEG), 4083 (1 DEG), 4463  
 (1.25 DEG), 4822 (.75 DEG), 5250 (.75 DEG),  
 5408 (1 DEG), 5855 (.75 DEG), 6316 (1.50 DEG),  
 6789 (1.25 DEG), 7126 (1.75 DEG), 7500 (1 DEG)  
 TOTAL DISPLACEMENT 116.5467 FT @ TD  
 11/10 7500 TD, TSTG  
 11/17 7500 TD, SI PBU  
 12/28 7500 TD, TSTG  
 TD REACHED 10/30/88 RIG REL 11/01/88  
 01/04 7500 TD  
 COMP 11/14/88, IPF 1242 MCFGPD, 12/64 CK,

CONTINUED

COMPLETIONS  
PI# 30-T-0012 01/09/89 SEC 28 TWP 20S RGE 38E  
30-025-30473-0000 PAGE 3

CONOCO INC  
94

WARREN UNIT

D DG

DRILLING PROGRESS DETAILS

GOR DRY, GTY (NR), FTP (NR)  
FCP (NR)  
PROD ZONE - ABO 6995-7001  
NO CORES OR DSTS RPTD