

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 710' FSL &amp; 2180' FEL

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

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

3963' GR

## 23. 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 #	750'	6155x Circ. CIRCULATE
7 7/8"	5 1/2"	15.5 #	4200'	11055x Circ. CIRCULATE

It is proposed to drill a straight hole to a TD of 4200' and complete it as a Grayburg - San Andres oil well.

See attachments for 10-point well plan and 13 point surface use plan.

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

*Wm. A. Butterfield*

TITLE Administrative Supervisor

DATE November 4, 1980

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

(O.G.S.d.) GEORGE H. STEWART

APPROVED BY

TITLE

DATE NOV 20 1980

CONDITIONS OF APPROVAL, IF ANY:

USGSL  
R/S Fdr-2  
File 1

Instructions On Reverse Side

NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102  
Supersedes C-128  
Effective 1-1-85

All distances must be from the outer boundaries of the Section.

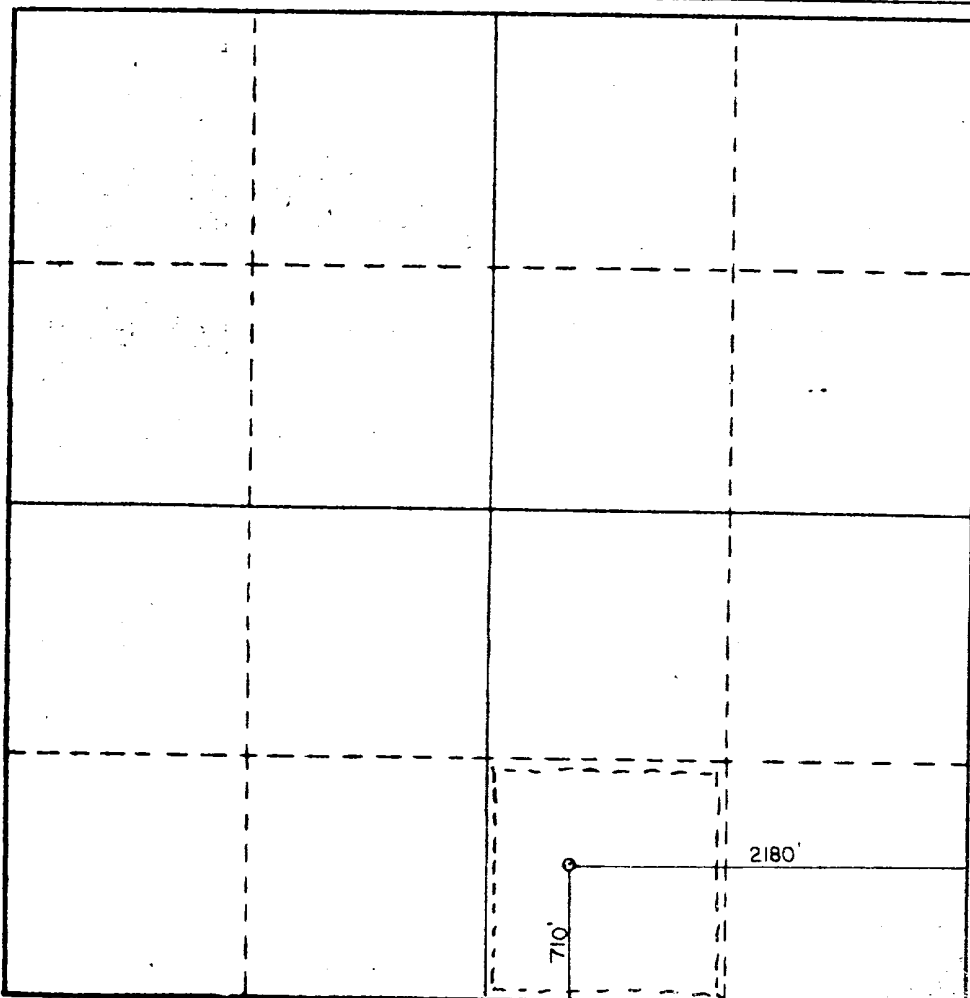
Operator <b>Conoco, Inc.</b>			Lease <b>William Mitchell B.</b>		Well No. <b>20</b>
Unit Letter <b>0</b>	Section <b>18</b>	Township <b>17 South</b>	Range <b>32 East</b>	County <b>Lea</b>	
Actual Footage Location of Well: <b>710</b> feet from the <b>South</b> line and <b>2180</b> feet from the <b>East</b> line					
Ground Level Elev. <b>3969.6</b>	Producing Formation <b>Grayburg/San Andres</b>		Pool <b>Maljamar (GISA)</b>		Dedicated Acreage: <b>40</b> Acres

- Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- 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.

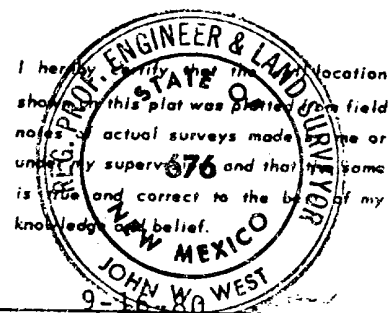


CERTIFICATION

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

Name  
**Wm R. West**  
Position  
**Administrative Supervisor**  
Company  
**Conoco Inc**

Date  
**November 3, 1980**



Date Surveyed

Registered Professional Engineer and/or Land Surveyor

**John W. West**

Professional Engineer and/or Land Surveyor  
**JOHN W. WEST** 376  
**STATIONER & SURVEYOR** 6635

0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000

ATTACHMENT TO FORM 9-331 C  
APPLICATION FOR PERMIT TO DRILL

Conoco Inc.  
William Mitchell B No. 20  
Sec. 18, T-17S, R-32E  
Lea County, New Mexico

1. The geologic name of the surface formation is Pleistocene Sand.
2. The estimated tops of important geologic markers are shown on the attached Proposed Well Plan.
3. The estimated depths at which anticipated water, oil, gas or other mineral-bearing formations to be encountered are shown on attached Proposed Well Plan.
4. The proposed casing program is as follows:

0' - 750'	13 3/8", 54.5#, K-55 ST&C
0' - 4200'	5 1/2", 15.5#, K-55 ST&C
5. A drawing of an API Series 900 Blowout Preventer Specification is attached. Pipe rams and blinds will be checked to 1,000 psi for 30 minutes when BOP is installed. BOP will be checked when casing string is set and operated daily for checks.
6. The proposed mud program is as follows:

0' - 750'	8.5 - 9.0 ppg spud mud
750' - 4200'	9.0 - 11.0 ppg salt gel
7. The auxiliary equipment to be used is: ..
  - (1) kelly cocks
  - (2) floats at the bit
8. It is proposed to run GR, CAL, CNL, FDC, PDC logs at selected intervals.
9. No abnormal pressures or temperatures are expected to be encountered in this well.
10. The anticipated starting date is February 1, 1981 with a duration of approximately 14 days.

RECEIVED

NOV 26 1980

OIL CONSERVATION DIV.

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