

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

30-025-27155

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 ☐

2. NAME OF OPERATOR  
 CONOCO INC.

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

4. LOCATION OF WELL (Report location yearly and in accordance with any State requirements.)\*  
 At surface 2310' FNL & 660' FWL  
 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

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

19. PROPOSED DEPTH

20. ROTARY OR CABLE TOOLS

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

22. APPROX. DATE WORK WILL START\*

23. PROPOSED CASING AND CEMENTING PROGRAM				
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8 5/8"	24 #	1150'	565 SK.
7 7/8"	5 1/2"	15.5 #	3460'	710 SK.

It is proposed to drill a straight hole to a TD of 3460' and complete it as a Jalmat gas well.

See attachments for a 10-point well plan and 13-point Surface Use Plan.

Acreage is dedicated to purchaser.

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 10/20/80  
 (This space for Federal or State office use)

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

APPROVED BY GEORGE H. STEWART TITLE \_\_\_\_\_ DATE NOV 12 1980

CONDITIONS OF APPROVAL, IF ANY:

USGS-6  
NMFU-4  
FILE  
Rel. folder-2

\*See Instructions On Reverse Side

**NEW 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

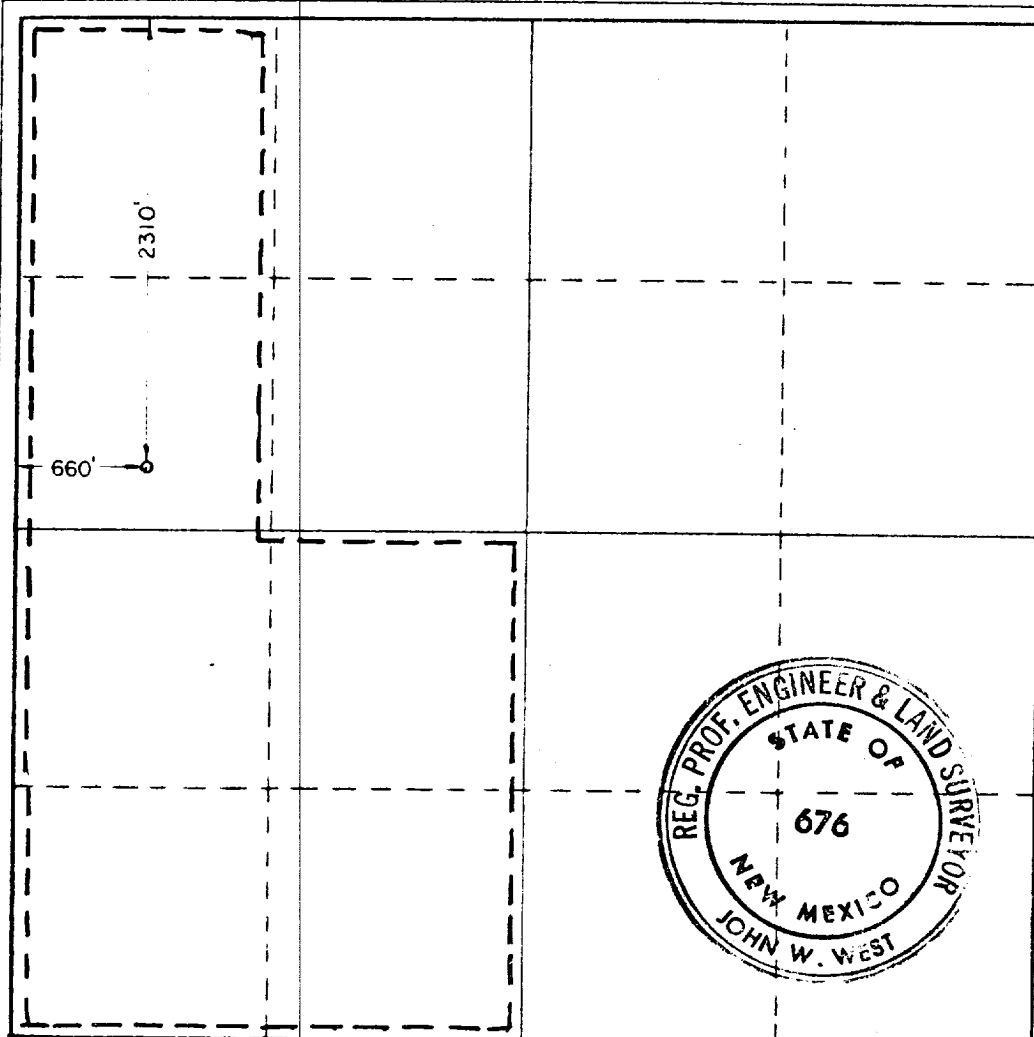
Operator <b>Conoco Inc.</b>			Lease <b>Vaughn A14</b>			Well No. <b>8</b>		
First Letter <b>E</b>	Section <b>14</b>	Township <b>24 South</b>		Range <b>36 East</b>	County <b>Lea</b>			
Actual Footage Location of Well: <b>2310</b> feet from the <b>north</b> line and <b>660</b> feet from the <b>west</b> line								
Ground Level Elev. <b>3355.3</b>	Producing Formation <b>Yates</b>			Pool <b>Talmat</b>			Dedicated Acreage: <b>240</b> Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure 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  
*John A. Patterson*  
Position  
**Administrative Supervisor**  
Company  
**Conoco Inc.**

Date  
**October 28, 1980**

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  
**Oct. 22, 1980**

Registered Professional Engineer and/or Land Surveyor

*John W. West*  
Certificate No. **JOHN W. WEST 876**  
**PATRICK A. ROMERO 8883**  
**Ronald J. Eideon 7239**

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

Conoco Inc.  
Vaughan A-14 No. 8  
Sec. 14, T-24S, R-36E  
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' - 1150', 8 5/8", 24#, K-55, STC  
0' - 3460', 5 1/2", 15.5#, K-55, STC
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' - 1150', 8.5 - 9.0 ppg, Spud mud  
1150' - 3460', 9.0 - 10.0 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 November 1, 1980 with a duration of approximately 7 days.