

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

30-139-22534 22536

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  
 850' FSL & 1100' FWL  
 At proposed prod. zone  
 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
 10. 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  
 2560  
 17. NO. OF ACRES ASSIGNED  
 TO THIS WELL  
 160 acres  
 18. DISTANCE FROM PROPOSED LOCATION\*  
 TO NEAREST WELL, DRILLING, COMPLETED,  
 OR APPLIED FOR, ON THIS LEASE, FT.  
 19. PROPOSED DEPTH  
 2560'  
 20. ROTARY OR CABLE TOOLS  
 Rotary  
 21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 6625' KB (est.)  
 22. APPROX. DATE WORK WILL START\*  
 November 6, 1980

5. LEASE DESIGNATION AND SERIAL NO.  
 Contract 36  
 6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
 Tigarilla Apache  
 7. UNIT AGREEMENT NAME  
 8. FARM OR LEASE NAME  
 Northeast Haynes  
 9. WELL NO.  
 11  
 10. FIELD AND POOL OR WILDCAT  
 Balfour  
 11. SEC., T., R., M., OR BLK.  
 AND SURVEY OR AREA  
 Sec. 15, T-24N, R-5W  
 12. COUNTY OR PARISH  
 Rio Arriba  
 13. STATE  
 NM

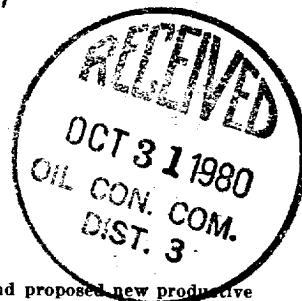
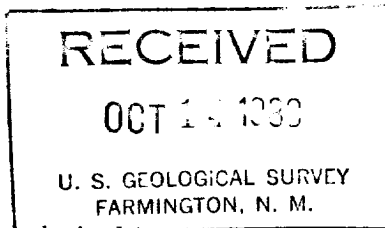
PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8 5/8"	24 #	300'	209 sx.
6 1/2"	3 1/2"	7.7 #	2560'	515 sx.

It is proposed to drill a straight hole to a TD of 2560' and complete it as a Pictured Cliffs gas well.

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

Acres is not dedicated.



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 10/9/80  
 (This space for Federal or State office use)

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

APPROVED BY [Signature] TITLE \_\_\_\_\_ DATE \_\_\_\_\_

4545 (Durango) 6  
BEA  
MSL  
Release Folder  
File

ch's

\*See Instructions On Reverse Side

## OIL CONSERVATION DIVISION

STATE OF NEW MEXICO

P. O. BOX 2088

Form C-107

Revised 10-1-7

ENERGY AND MINERALS DEPARTMENT

SANTA FE, NEW MEXICO 87501

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

Operator <b>CONOCO, INCORPORATED</b>			Lease <b>NE HAYNES</b>		Well No. <b>11</b>
Unit Letter <b>M</b>	Section <b>15</b>	Township <b>24N</b>	Range <b>5W</b>	County <b>Rio Arriba</b>	
Actual Footage Location of Well: <b>850</b> feet from the <b>South</b> line and <b>1100</b> feet from the <b>West</b> line					
Ground Level Elev. <b>6610</b>	Producing Formation <b>Pictured Cliffs</b>		Pool <b>Ballard</b> <b>Otera Ranch Pictured Cliffs</b>	Dedicated Acreage: <b>160</b> 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.

<div>RECEIVED OCT 14 1980 U. S. GEOLOGICAL SURVEY FARMINGTON, N. M.</div>			
Sec.		15	
<div>1100' 850'</div>			

Scale: 1"=1000'

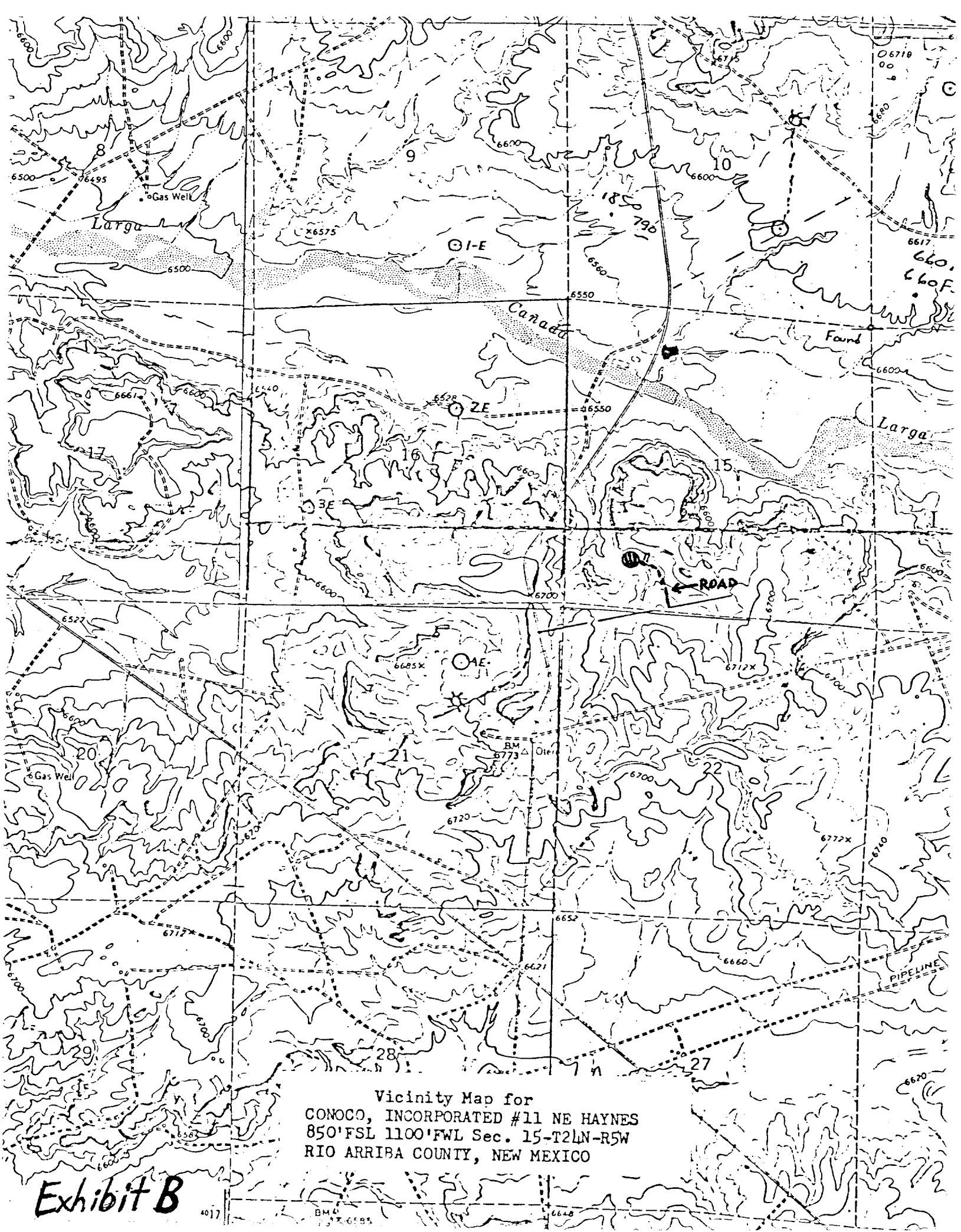
## CERTIFICATION

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

Name Walter A. Dutton, Jr.  
Position Administrative Supervisor  
Company Conoco Inc.  
Date 10/9/80

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 September 19, 1980  
Registered Professional Engineer and Land Surveyor  
Fred B. Kerr Jr.  
Certificate No. 3950 MEX.



Vicinity Map for  
CONOCO, INCORPORATED #11 NE HAYNES  
850' FSL 1100' FWL Sec. 15-T2LN-R5W  
RIO ARRIBA COUNTY, NEW MEXICO

Exhibit B