

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 1850' FNL & 1840' FEL  
 At proposed prod. zone same  
 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

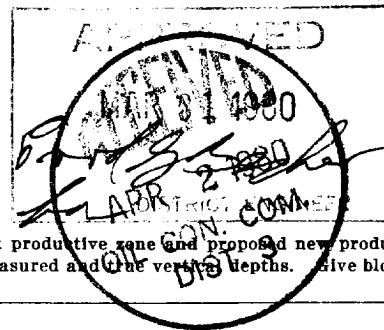
5. LEASE DESIGNATION AND SERIAL NO.  
Contract 36  
 6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
Jicarilla Apache  
 7. UNIT AGREEMENT NAME  
 8. FARM OR LEASE NAME  
N.E. Haynes  
 9. WELL NO.  
2E  
 10. FIELD AND POOL, OR WILDCAT  
Basin Dakota  
 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Sec. 16, T-24N, R-5W  
 12. COUNTY OR PARISH  
Rio Arriba  
 13. STATE  
N.M.

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drilg. unit line, if any)  
 16. NO. OF ACRES IN LEASE  
 17. NO. OF ACRES ASSIGNED TO THIS WELL  
N 320  
 18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.  
 19. PROPOSED DEPTH  
6830'  
 20. ROTARY OR CABLE TOOLS  
Rotary  
 21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
6537' GR  
 22. APPROX. DATE WORK WILL START\*  
July 7, 1980

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"	28#	300'	209 SK.
7 7/8"	5 1/2"	15.5#	6830'	1143 SK.

We propose to drill a straight hole to a TD of 6830' & complete it as a Basin Dakota gas well.  
 See attachments for 10-point well plan & 13-point Surface Use Plan.  
 Acreage is dedicated to a 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 [Signature] TITLE Administrative Supervisor DATE 2/19/80  
 (This space for Federal or State office use)

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

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:  
 USGS - Durango 6  
 BEA  
 RJL  
 EPN6  
 Release Folder  
 FILE

\*See Instructions On Reverse Side

MAR 3 1980

U. S. GEOLOGICAL SURVEY  
DURANGO, COLO.

## OIL CONSERVATION DIVISION

NEW MEXICO  
LS DEPARTMENTP. O. BOX 2088  
SANTA FE, NEW MEXICO 87501Form C-102  
Revised 10-1-78

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

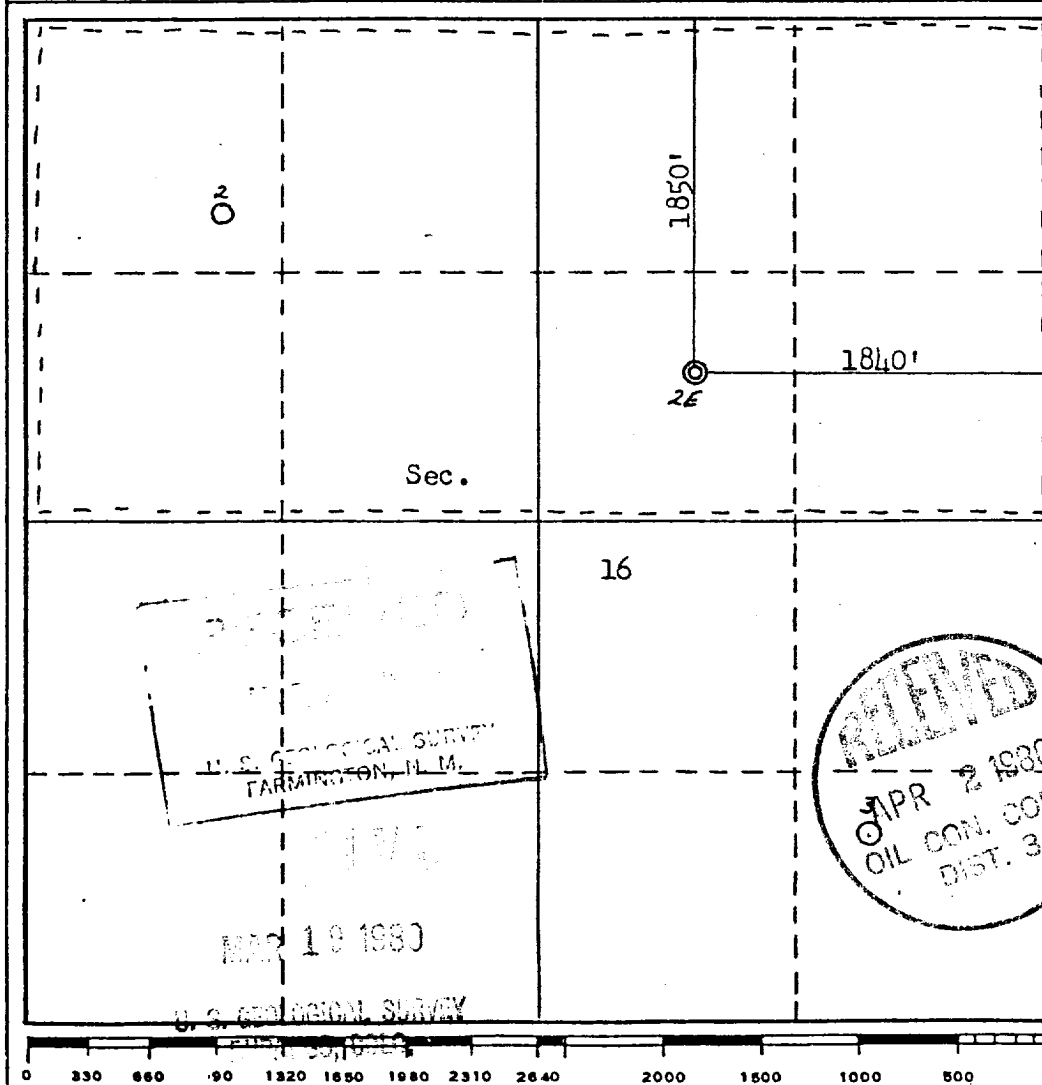
Oil Company		Lease		Well No.	
NE HAYNES		NE HAYNES		2-E	
Section	Township	Range	County		
16	24N	5W	Rio Arriba		
Actual Footage Location of Well:					
1850 feet from the North		line and 1840 feet from the East		line	
Ground Level Elev.	Producing Formation	Pool		Dedicated Acreage:	
6537	Dakota	Basin Dakota		N 320 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 Wm A. Butterfield  
Position Admin. Supervisor  
Company Conoco Inc.  
Date 3/17/80

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 October 3, 1979  
Registered Professional Engineer and/or Land Surveyor Fred B. Kerr, Jr.  
Certificate No. 3950

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-102  
Revised 10-1-78

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

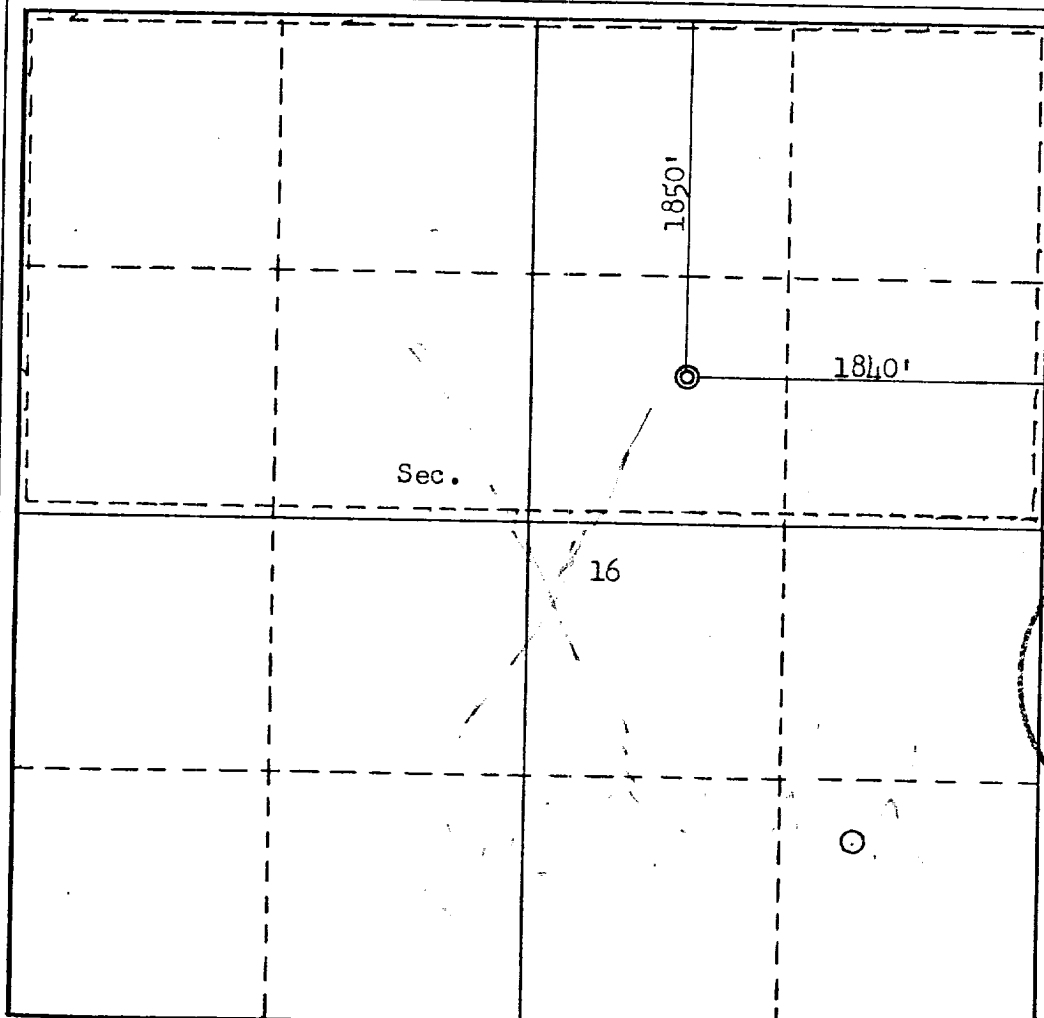
Operator <b>CONTINENTAL OIL COMPANY</b>			Lease <b>NE HAYNES</b>		Well No. <b>2-E</b>
Unit Letter <b>G</b>	Section <b>16</b>	Township <b>24N</b>	Range <b>5W</b>	County <b>Rio Arriba</b>	
Actual Footage Location of Well: <b>1850</b> feet from the <b>North</b> line and <b>1840</b> feet from the <b>East</b> line					
Ground Level Elev. <b>6537</b>	Producing Formation <b>Dakota</b>		Pool <b>Basin Dakota</b>		Dedicated Acreage: <b>N 320</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).
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☐ 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. A. Brattinfield*  
Position  
*Admin. Supervisor*  
Company  
*CONOCO INC.*  
Date  
*2/19/80*

I hereby certify that the well location shown on this plat was plotted from field notes of *2/19/80* 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  
*October 3, 1979*  
Registered Professional Engineer and/or Land Surveyor  
*Fred B. Kerr, Jr.*  
Certificate No.  
*3950*

