

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 *1000' FNL & 1650' 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)

16. NO. OF ACRES IN LEASE

17. NO. OF ACRES ASSIGNED
TO THIS WELL
N/320 acres

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

19. PROPOSED DEPTH
6920'

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
6677' GR

22. APPROX. DATE WORK WILL START*
March 1, 1981

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
<i>12 1/4"</i>	<i>8 5/8"</i>	<i>24 #</i>	<i>300'</i>	<i>209 sk. - circulate</i>
<i>7 3/8"</i>	<i>5 1/2"</i>	<i>15.5 #</i>	<i>6920'</i>	<i>1067 sk. - 2000'</i>

- This action is subject to administrative
appeal pursuant to 30 CFR 290.

It is proposed to drill a straight hole to a TD of 6920' and complete it as a
Basin Dakota single gas well.

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

Acreage is dedicated to purchaser.

DRILLING OPERATIONS AUTHORIZED ARE
SUBJECT TO COMPLIANCE WITH ATTACHED
"GENERAL REQUIREMENTS".

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 *W. A. Butterfield* TITLE *Administrative Supervisor* DATE *January 19, 1981*

(This space for Federal or State office use)

PERMIT NO. *APPROVED
AS AMENDED*

APPROVAL DATE

APPROVED BY *FEB 18 1981*
CONDITIONS OF APPROVAL IF ANY

TITLE

DATE

James F. Sims
DISTRICT ENGINEER

NMOCC

*See Instructions On Reverse Side



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

Operator CONOCO, INCORPORATED		Lease NE HAYNES		Well No. 4E
Unit Letter B	Section 21	Township 24N	Range 5W	County Rio Arriba
Actual Footage Location of Well: 1000 feet from the North line and 1650 feet from the East line				
Ground Level Elev: 6677	Producing Formation Dakota	Pool Basin Dakota	Dedicated Acreage: 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?

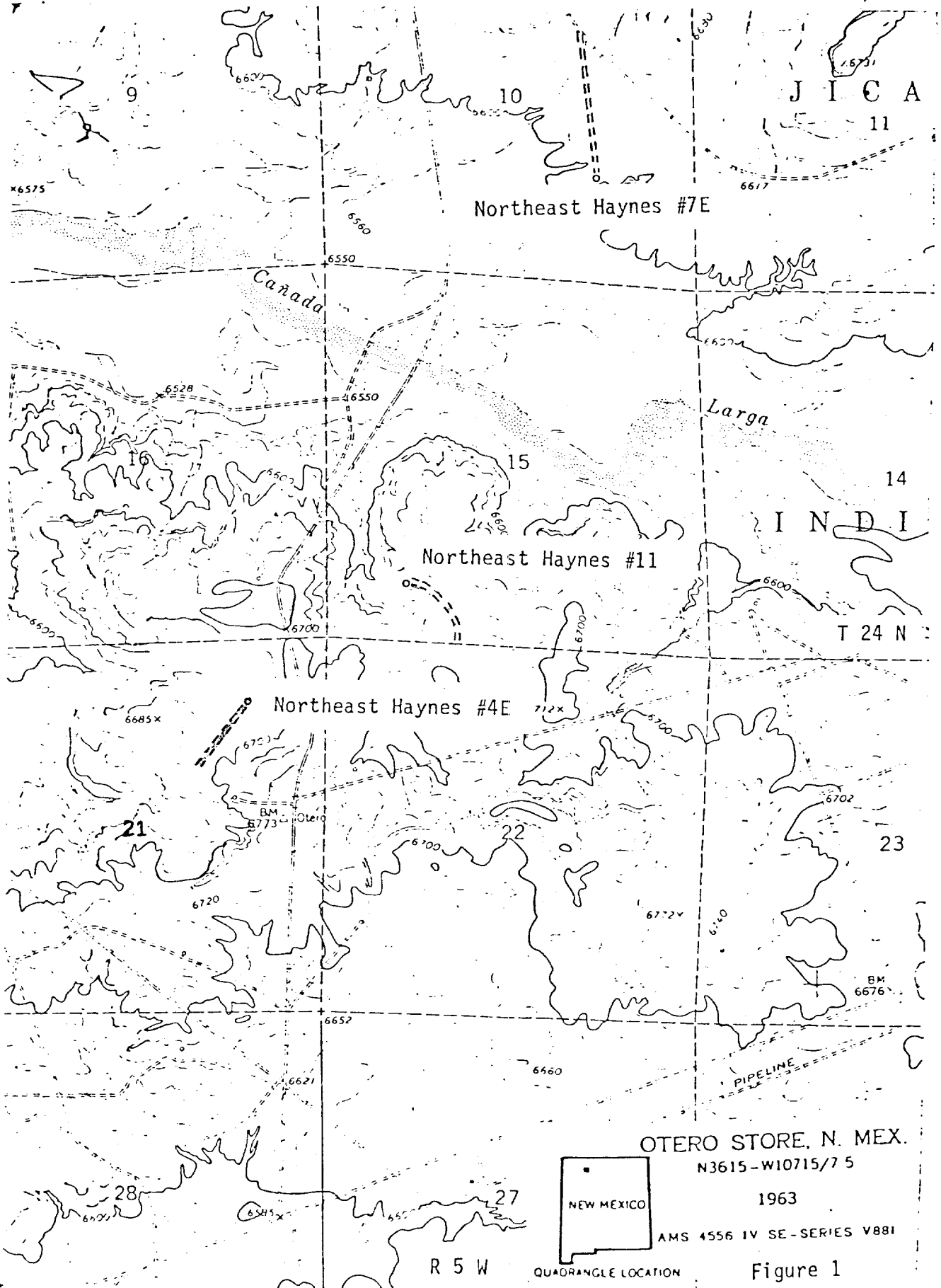
☐ Yes ☐ No If answer is "yes," type of consolidation _____

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.

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	<i>Wm. A. Dutton</i>
Position	<i>Administrative Supervisor</i>
Company	<i>Conoco Inc.</i>
Date	<i>January 19, 1981</i>
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	<i>September 14, 1980</i>
Registered Professional Engineer and Land Surveyor	<i>Fred B. Kerr Jr.</i>
Certificate No.	<i>3950</i>



OTERO STORE, N. MEX.

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Figure 1