

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

36-139-22662

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
Northeast Haynes

9. WELL NO.
6E

10. FIELD AND POOL, OR WILDCAT
Basin Dakota

11. SEC., T., R., M., OR BLE. AND SURVEY OR AREA
Sec. 15, T-24N, R-5W

12. COUNTY OR PARISH
Rio Arriba

13. STATE
NM

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

20. ROTARY OR CABLE TOOLS
Rotary

22. APPROX. DATE WORK WILL START*
April 7, 1981

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
910' FNL & 1720' FEL
 (A) proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* Oil Survey Station, N.M.

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

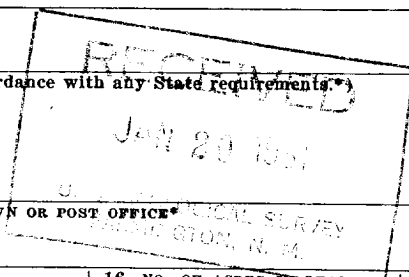
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
7000'

19. PROPOSED DEPTH

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
6574' GR

22. APPROX. DATE WORK WILL START*
April 7, 1981



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 SK. - Circulate
7 7/8"	5 1/2"	15.5 #	7000'	1100 SK. - 2000'

It is proposed to drill a straight hole to a TD of 7000' 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.



ENGINEERING CONDITIONS AUTHORIZED ARE SHOWN IN ATTACHMENTS WITH ATTACHED MECHANICAL RECORDS.

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 January 19, 1981

(This space for Federal or State office use)

PERMIT NO. APPROVED AS AMENDED APPROVAL DATE _____

APPROVED BY FEB 18 1981 for Bruce Wamsley TITLE NMOCC DATE _____
JAMES F. SIMS
DISTRICT ENGINEER

*See Instructions On Reverse Side

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OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-107
Revised 10-1-

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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

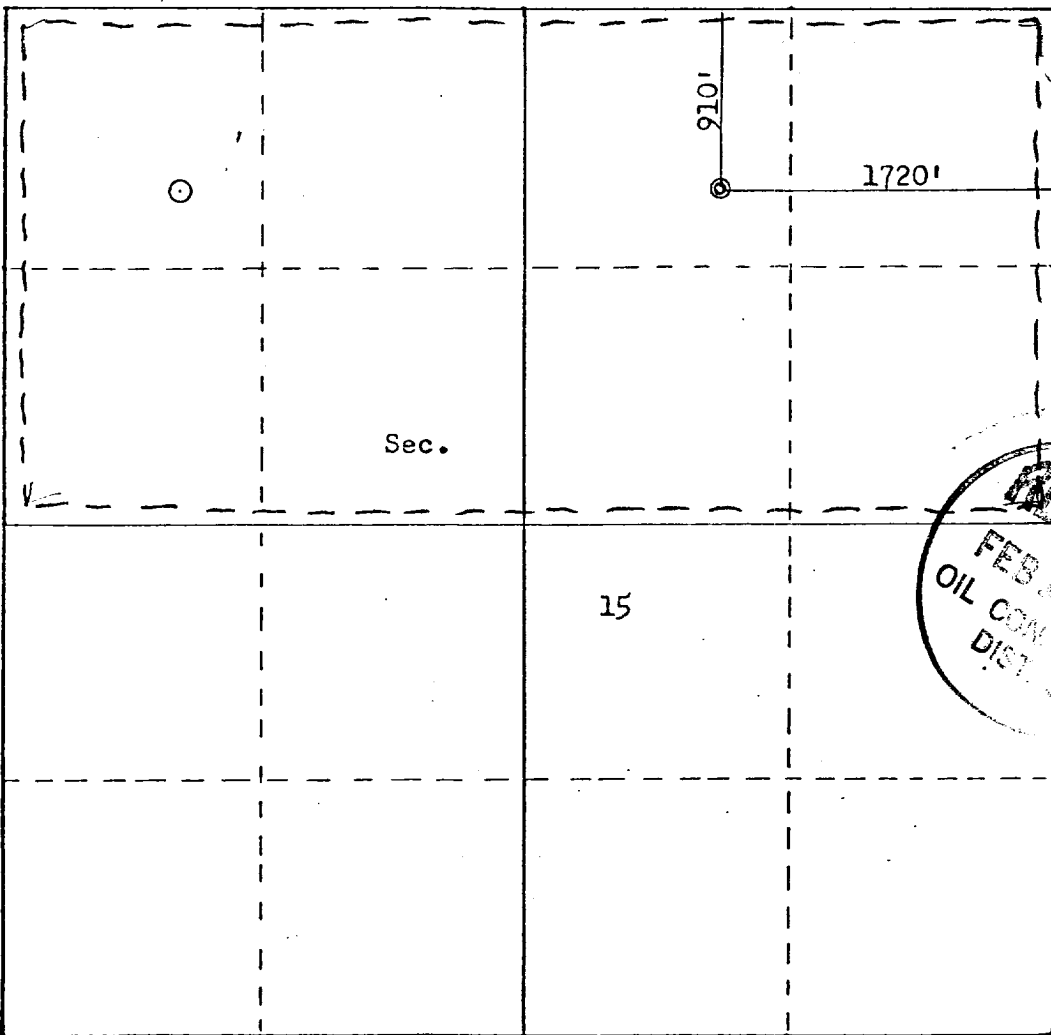
Operator CONOCO, INCORPORATED		Lease NE HAYNES		Well No. 6E
Unit Letter B	Section 15	Township 24N	Range 5W	County Rio Arriba
Actual Footage Location of Well: 910 feet from the North line and 1720 feet from the East line				
Ground Level Elev. 6574	Producing Formation Dakota	Pool Basin Dakota	Dedicated 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'

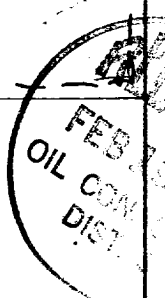
CERTIFICATION

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

Name
W. A. Dutterford
Position
Administrative Supervisor
Company
Conoco Inc.
Date
January 19, 1981

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 1, 1980
Registered Professional Engineer and Land Surveyor
Fred B. Kern Jr.
Certificate No. *3950*
NEW MEXICO



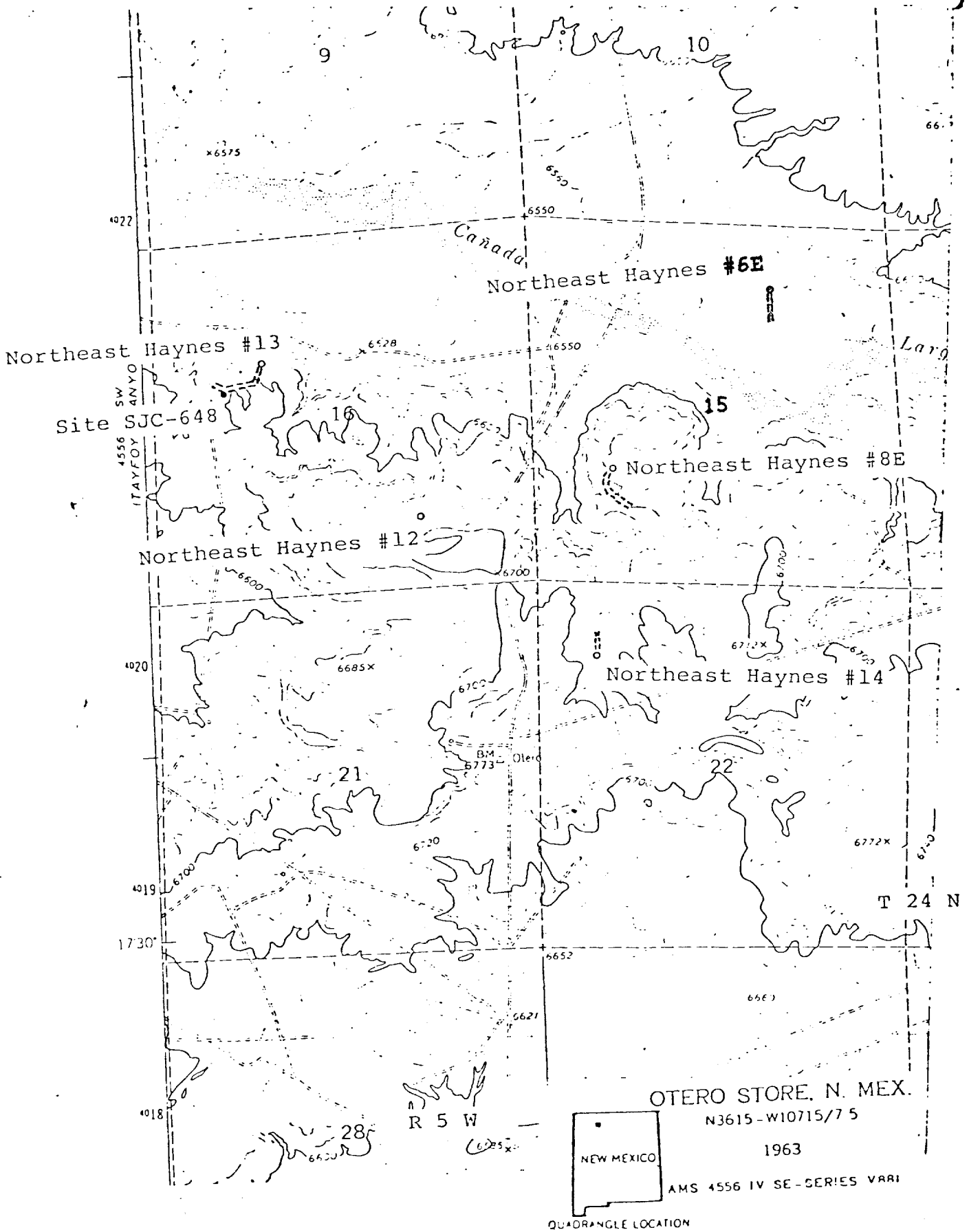


Figure 1