

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-039-22744
5. LEASE DESIGNATION AND SERIAL NO.

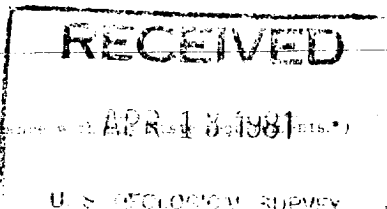
APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
DRILL ☒ DEEPEN ☐ PLUG BACK ☐

1b. 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 450, Hobbs, N.M. 88240

4. LOCATION OF WELL (Report location, county, and in accordance with instructions on reverse side)
At surface 1650' FNL & 850' 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 drilg. unit line, if any)

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

16. NO. OF ACRES IN LEASE

2500?

19. PROPOSED DEPTH

8160'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

160 acres

20. ROTARY OR CABLE TOOLS

Rotary

21. OPERATIONS (Show whether DF, RT, GR, etc.)

7075' GR

22. APPROX. DATE WORK WILL START*

July 30, 1981

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE

12 1/4"
7 7/8"

SIZE OF CASING

8 5/8"
5 1/2"

WEIGHT PER FOOT

24#
17#

SETTING DEPTH

400'
8160'

QUANTITY OF CEMENT

3305x - circulate
13185x - 3100'

It is proposed to drill a straight hole to a TD of 8160' and complete it as a West Lindrith Gallup Dakota oil well.

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

18. 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 prevention program, if any.

24. *West Lindrith field*

TITLE Administrative Supervisor

DATE April 19, 1981

COPIES (space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

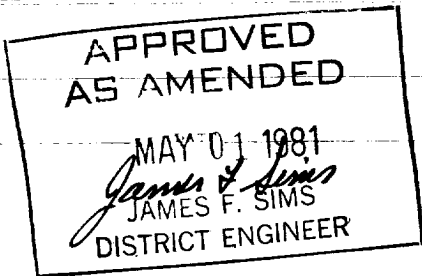
APPROVED BY

CONTINUOUS APPROVAL, IF ANY:

ch 3

*See Instructions On Reverse Side

NMOCC



SANTA FE, NEW MEXICO 87501

Form C-107
Revised 12-1-77

1. DATE OF RECEIPT
 2. NAME OF THE SUBMITTER

2) *Factor extraction* – from the eigenvalues of the Section.

Name		Locality		Well No.	
J. C. McPherson		J. C. McPherson 22		12	
County		County		County	
Gallup		Gallup		Gallup	
Elev.		Elev.		Elev.	
1650		1650		1650	
Feet from the North		Feet from the East		Feet from the West	
1650		1650		1650	
Producing Formation		Producing Formation		Producing Formation	
Gallup Dakota		Gallup Dakota		Gallup Dakota	
West Lindrith Gallup Dakota ent		West Lindrith Gallup Dakota ent		West Lindrith Gallup Dakota ent	
160		160		160	

1. If only one acreage is dedicated to the subject well by colored pencil or lecture 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 for solid block or a combination of solid block and pooling?

$$V_{\text{eff}} = \frac{1}{2} N_0 \left[H_0 + \frac{1}{2} (\delta^2 - \epsilon^2) \right] + \frac{1}{2} N_0 \left(\frac{\delta^2 + \epsilon^2}{2} \right)^2$$

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary).

No well 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.

RECEIVED

1650'

1650'

Sec.

15

MAY 4 1981
OIL CON. COM.
DIST. 3

Scale: 1"=1000'

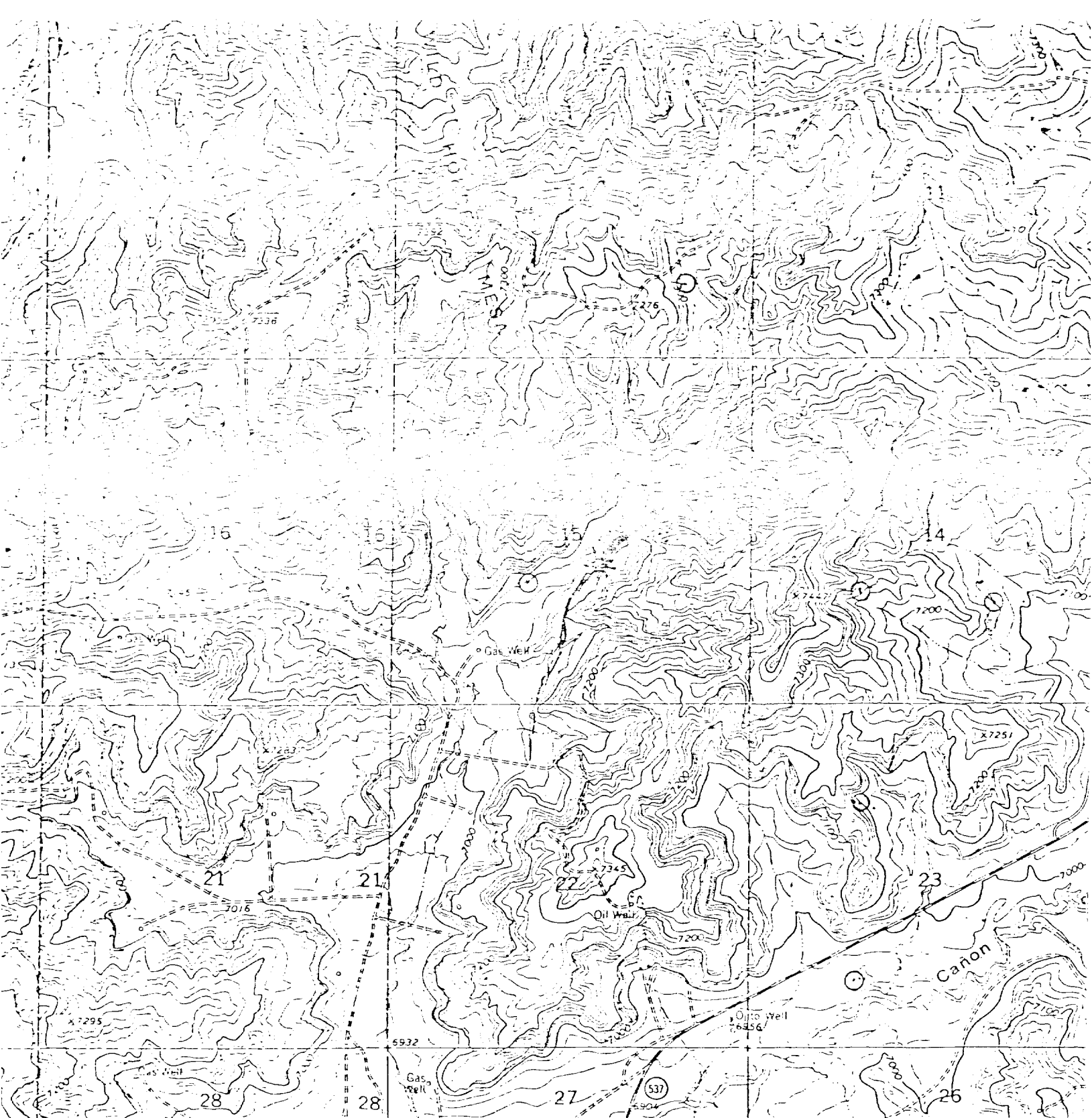
CERTIFICATION

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

Name Wm. R. Deatherford
Position Administrative Supervisor
Company Conoco Inc.
Date April 10, 1981

I hereby certify that the well location shown on this plat was platted 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.

[illegible]



INTERIOR—GEOLOGICAL SURVEY WASHINGTON D. C.—1985

10715'

16 MI. TO N. MEX. 44
CUBA VIA N. MEX. 441.37 MI.

1210 0000 FEET

1300

1301

Manned, edited, and published by the Geological Survey

Vicinity Map for

CONOCO, INCORPORATED #12 JICARILLA 22

1650' FNL 850' FEL Sec. 15-T25N-R4W

RIO ARriba COUNTY, NEW MEXICO

Exhibit B

ROAD CLASSIFIC.

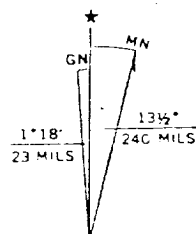
Unin

10,000-foot grid based on New Mexico coordinate system, central zone
1000 meter Universal Transverse Mercator grid ticks,
zone 13, shown in blue

Where marked, land lines have not been established

LAPIS POINT, N. MEX.

196225-AL0716/775



UTM GRID AND 1983 MAGNETIC
DECLINATION AT CENTER OF C