



United States Department of the Interior

GEOLOGICAL SURVEY
P. O. Drawer 1857
Roswell, New Mexico 88201

July 30, 1975

RECEIVED

JUL 31 1975

Harvey E. Yates Company
Suite 1000 Security National Bank Bldg.
Roswell, New Mexico 88201

Gentlemen:

D. C. C.
ARTESIA, OFFICE

Your Application for Permit to Drill well No. 1 Grynberg Federal in the ~~SE1/4~~ sec. 3, T. 19S., R. 30E., N.M.P.M. Eddy County, New Mexico, lease New Mexico 0557331, to a depth of 3,600 feet to test the Loco Hills formation in the Potash Area, is hereby approved.

One copy of the Application is returned herewith. Please notify the District Engineer, Geological Survey, Post Office Drawer U, Artesia, New Mexico, 88210, in sufficient time for a representative to witness all cementing operations. The office phone number is Area Code 305-746-4841.

Sincerely yours,

N. C. FREDERICK
Area Oil & Gas Supervisor

Attachment

cc:
Regional Manager, Denver
Mining Branch (2)
✓ NSOCC-Artesia (2) (w/2 cys Notice)
Artesia (w/cy Notice)
Roswell (2) (w/cy Notice)
Roswell (chrono)

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D.C.C.
ANTERIAL OFFICE

UNITED STATES OF AMERICA
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

(Other instructions on reverse)

Form approved.
Budget Bureau No. 42-R1425.

30-015-21596

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

Harvey E. Yates Company, *HYC*

3. ADDRESS OF OPERATOR

Suite 1000 Security National Bank Bldg., Roswell, NM

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)

At surface

1980' FHL & 330' FEL

At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

16. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.
(Also to nearest drilg. unit line, if any)

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.

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

3450' GR

16. NO. OF ACRES IN LEASE

160

19. PROPOSED DEPTH

3600'

17. NO. OF ACRES ASSIGNED TO THIS WELL

40

20. ROTARY OR CABLE TOOLS

Cable tools

22. APPROX. DATE WORK WILL START*

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
10"	8 5/8"		700'	200sxs circ.
8"	7"		2700'	mudded
6"	4 1/2"		3600'	400 sxs

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ARTESIA, OFFICE

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U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

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

Harvey E. Yates

TITLE

Vice President

DATE

7/14/75

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

WELL LOCATION AND ACREAGE DEDICATION LAT

Supersedes C-128
Effective 1-1-65

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

Operator <i>Harvey E. Yates</i>		Lease <i>Grynberg Federal</i>		Well No. <i>1</i>	
Unit Letter <i>H</i>	Section <i>3</i>	Township <i>19 South</i>	Range <i>30 East</i>	County <i>Eddy</i>	
Actual Footage Location of Well: <i>1980</i> feet from the <i>North</i> line and <i>330</i> feet from the <i>East</i> line					
Ground Level Elev. <i>3450</i>	Producing Formation <i>Loco Hills</i>		Pool <i>Und. Sevent</i>		Dedicated Acreage: <i>40</i> 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.

*R30E**1980'*
330'

CERTIFICATION

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

Harvey E. Yates

Name

Vice President

Position

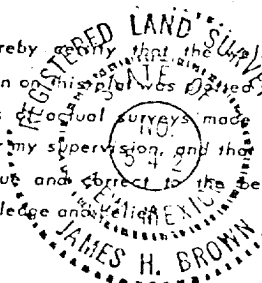
Harvey E. Yates Company

Company

July 14, 1975

Date

I hereby certify that the location shown on this plat was obtained 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

July 3rd 1975

Registered Professional Engineer and/or Land Surveyor

James H. Brown
Certificate No. *542*

0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0