

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

Harvey E. Yates Company

3. ADDRESS OF OPERATOR

112 North First Street Artesia, NM 88210

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

At surface

990' FSL & 1650' FEL of Section 6, T20S, R27E

At proposed prod. zone

Queen

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

Five (air) miles Southeast of Lakewood, NM

10. 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

2551.51

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

660' East

19. PROPOSED DEPTH

800'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

20. ROTARY OR CABLE TOOLS

Cable Tool

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

3360

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
12"	10"		30' conductor	5 sacks
10"	8"	24 lb.	300'	set with mud to be pulled on comp
8"	7"	22 lb.	800'	circulate

Drill to 800' to test the Queen; or some lessor depth if oil is encountered in paying quantities. Plan to set 7" casing through pay, cement and perforate through casing.

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JUL 15 1974

JUL - 2 1974

O. C. C.

ARTESIA, OFFICE

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

TITLE Vice President

DATE July 2, 1974

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

JUL 2 1974
H. L. BEEKMAN

ACTING DISTRICT ENGINEER

THIS APPROVAL IS RESCINDED IF OPERATIONS
ARE NOT COMMENCED WITHIN 3 MONTHS.
EXPIRES 1974

DATE

*See Instructions On Reverse Side

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-128
Effective 1-1-65

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

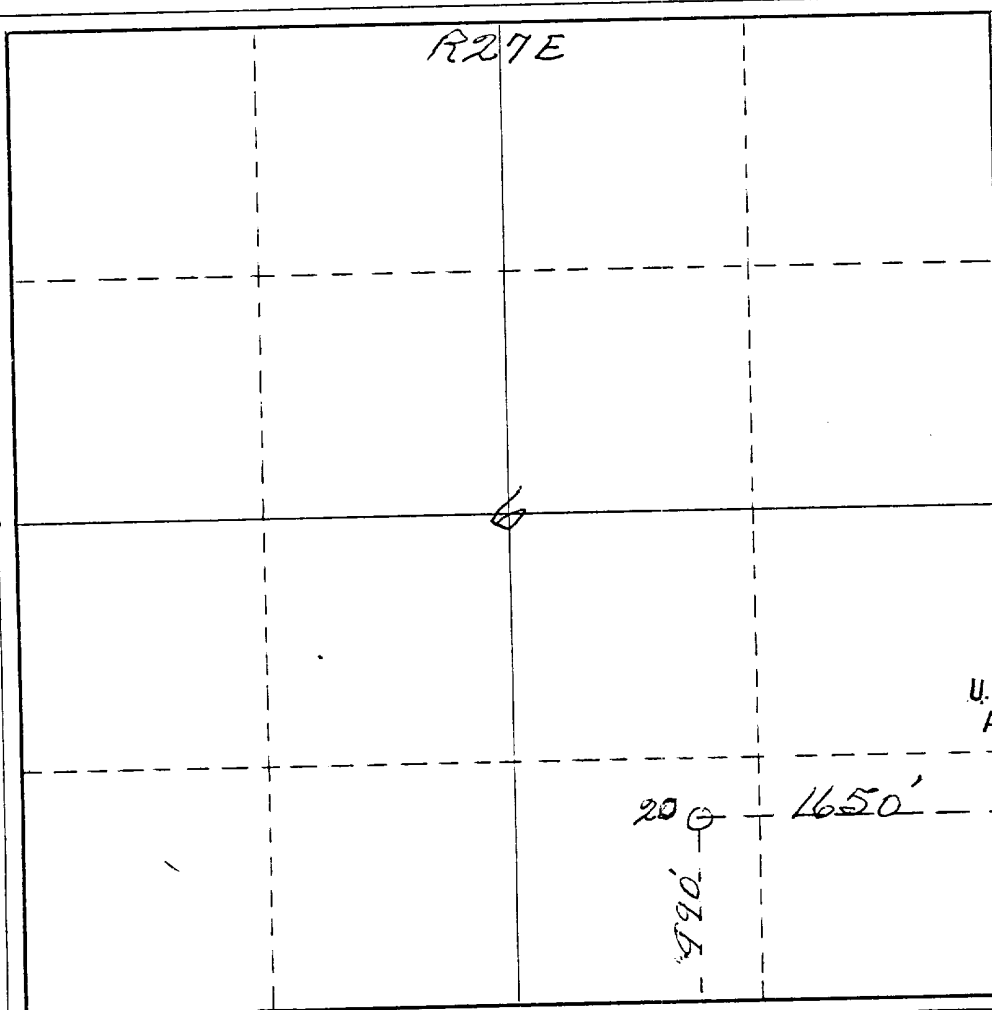
Operator <i>Harvey E. Yates Co</i>			Lease <i>Heyco</i>		Well No. <i>20</i>
Unit Letter <i>0</i>	Section <i>6</i>	Township <i>20 South</i>	Range <i>27 East</i>	County <i>Eddy</i>	
Actual Footage Location of Well: <i>990</i> feet from the <i>South</i> line and <i>1650</i> feet from the <i>East</i> line					
Ground Level Elev. <i>3360</i>	Producing Formation		Pool	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.



CERTIFICATION

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

Name
[Signature]
Position
Vice President
Company
Harvey E. Yates Company
Date
July 2, 1974

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I hereby certify that the well location shown on the plat is 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.

U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

Date Surveyed
July 1st 1974
Registered Professional Engineer and/or Land Surveyor

[Signature]
Certificate No. *542*

HARVEY E. YATES COMPANY
Yates Federal #20 SW/4 SE/4, Section 6, T20S, R27E, Eddy County,
New Mexico, 990' FSL & 1650' FEL to test the Queen

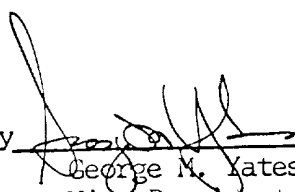
Development plan for surface us to accompany, "Applications to Drill Onshore Oil, Gas, or Geothermal Steam Wells on Public Domain and acquired Federal Lands."

1. Existing roads. See Attached Map
2. Planned access roads. None
3. Location of well. 990' FSL & 1650' FEL, SW/4 SE/4 of Section 6, Township 20S, Range 27E, Eddy County, New Mexico
4. Lateral roads to well locations. See Attached Map
5. Location of tank batteries and flowlines. Existing tank batteries on site approx. 1200' South of location. Tank pad is approx. 30' X 40'
6. Locations and types of water supply. Will be purchased and trucked from water supply approx. one mile North of Carlsbad, New Mexico
7. Methods for handling waste disposal. Engine oil and trash will be disposed of in waste pit.
8. Location of camps. None
9. Location of airstrips. None
10. Location layout to include position of the rig, mud tanks, reserve pits, burn pits, pipe racks, etc. See Attached Sketch
11. Plans for restoration of the surface. Waste pit will be dried and leveled except for burn pit; otherwise restored to original.
12. Any other information which the Approving Official considers essential to his assessment of the impact on the environment. Topography is generally flat area with scattering of mesquite, bear grass and native grasses. Sandy top soil with small amount of gyp.

The affected Federal and State surface managing agencies shall have access to or, if feasible, may be provided with copies of such development plans.

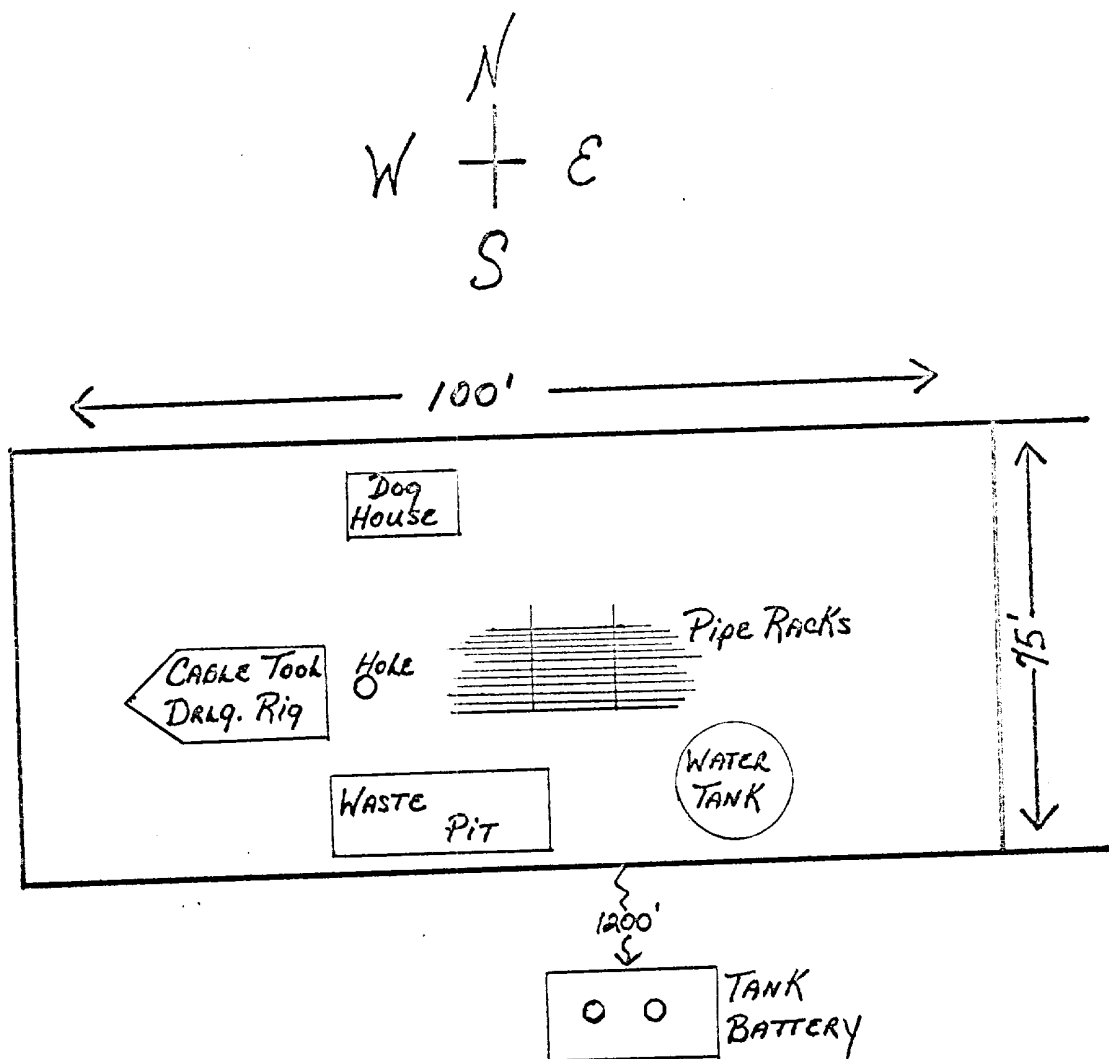
HARVEY E. YATES COMPANY

By


George M. Yates
Vice President

APPROVED BY:
U. S. GEOLOGICAL SURVEY

By



PROPOSED WELL SITE
HARVEY E. YATES COMPANY
YATES FEDERAL #20

T 19 S

T 20 S

