

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Copy 855

30-015-21011

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 N. First Artesia, New Mexico 88210

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

At surface

Center of NE/4, NW/4, Sec. 31 - T 20S - R 29E

At proposed prod. zone

Tansil-Yates Gas Zone

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

Sixteen miles NE of Carlsbad, New Mexico.

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest drlg. unit line, if any)

660'

16. NO. OF ACRES IN LEASE

360

17. NO. OF ACRES ASSIGNED

TO THIS WELL

360

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

19. PROPOSED DEPTH

900

20. ROTARY OR CABLE TOOLS

Cable

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

22. APPROX. DATE WORK WILL START*

11-20-73

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
10"	8"	24 lbs.	300 - 350	100 sacks
8"	5 1/2"	15 lbs.	Circulated	50-100 sacks

Drill to 900' on Tansil-Yates -- If gas encountered in paying quantities plan
to run 5 1/2" casing through pay cement and perforate through casing.

Will have control-head on casing while drilling.

RECEIVED
OCT 11 1973
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 Asst. Secretary DATE 10/4/73

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

NOV 6 1973

APPROVED BY

TITLE

DISTRICT ENGINEER

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

Instructions

General: This form is designed for submitting proposals to perform certain well operations, as indicated, on all types of lands and leases for appropriate action by either a Federal or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 1: If the proposal is to redrill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notations. Consult applicable State or Federal regulations concerning subsequent work proposals or reports on the well.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 14: Needed only when location of well cannot readily be found by road from the land or lease description. A plat, or plats, separate or on this reverse side, showing the roads to, and the surveyed location of, the well, and any other required information, should be furnished when required by Federal or State agency offices.

Items 15 and 18: If well is to be, or has been directionally drilled, give distances for subsurface location of hole in any present or objective production zone.

Item 22: Consult applicable Federal or State regulations, or appropriate officials, concerning approval of the proposal before operations are started.

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.

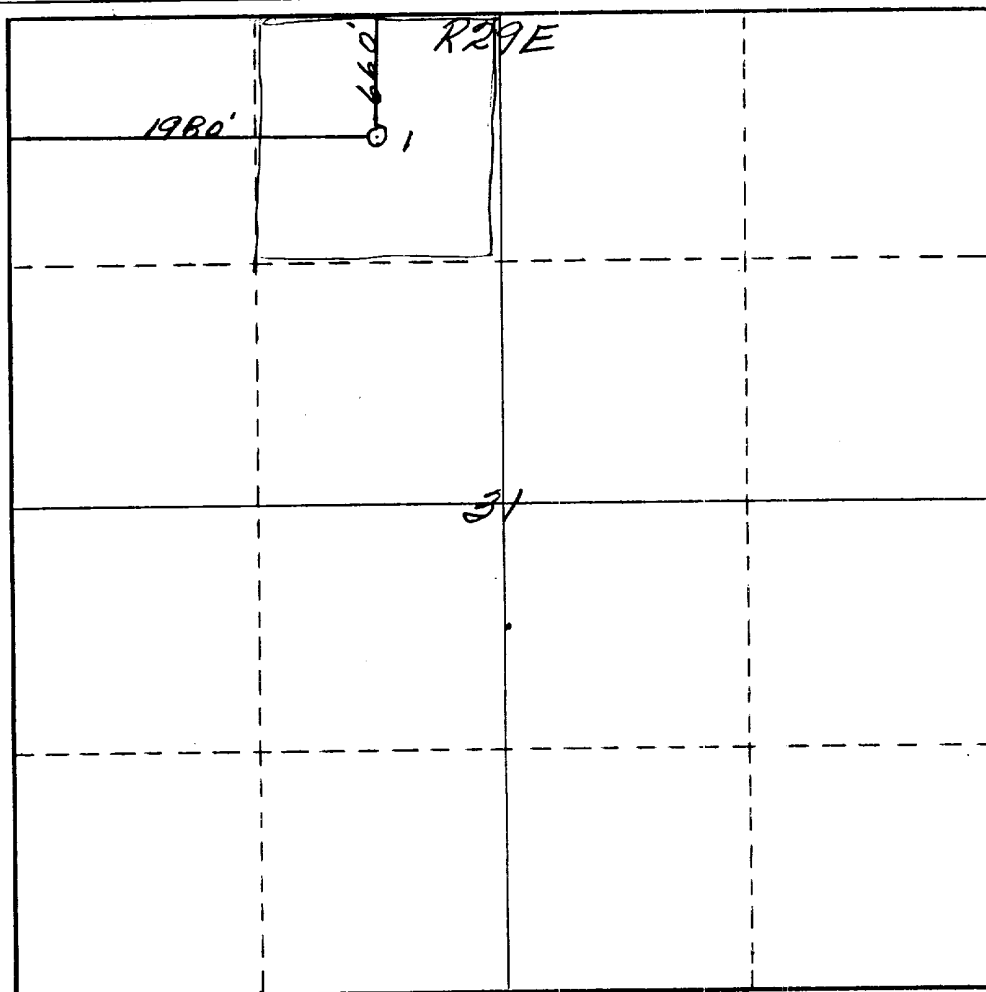
Operator <i>Harvey E. Yates Co.</i>			Lease <i>Redfern Federal</i>		Well No. <i>1</i>
Unit Letter <i>C</i>	Section <i>31</i>	Township <i>20 South</i>	Range <i>29 East</i>	County <i>Eddy</i>	
Actual Footage Location of Well: <i>660</i> feet from the <i>North</i> line and <i>1980</i> feet from the <i>West</i> line					
Ground Level Elev. <i>3235</i>	Producing Formation <i>Gates</i>		Pool	Dedicated Acreage: <i>40/160</i> Acres	

- Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- 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
James H. Brown
Position
Liquid
Company
Harvey E. Yates Co.
Date
11 Oct 73

I hereby certify that the well location shown on this plat was plotted from field notes of the 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 4th 1973
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

HARVEY E. YATES COMPANY

Flag-Redfern Federal NE/4 NW/4 Sec. 31-20S-29E, Eddy County,
New Mexico
Federal

Development plan for surface use 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. Will construct approximately 660' new road as shown on map.
3. Location of well. 660' FNL & 1980' FWL, Sec. 31-20S-29E
4. Lateral roads to well locations. See attached map.
5. Location of tank batteries and flowlines. Battery will be set up approximately 100' North of location. Tank pad will be approximately 30' x 40'.
6. Locations and types of water supply. Will be purchased and trucked from water supply approximately 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 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 and has scattering of bear grass, mesquite and native grasses. Sandy top soil with small amount of gyp.

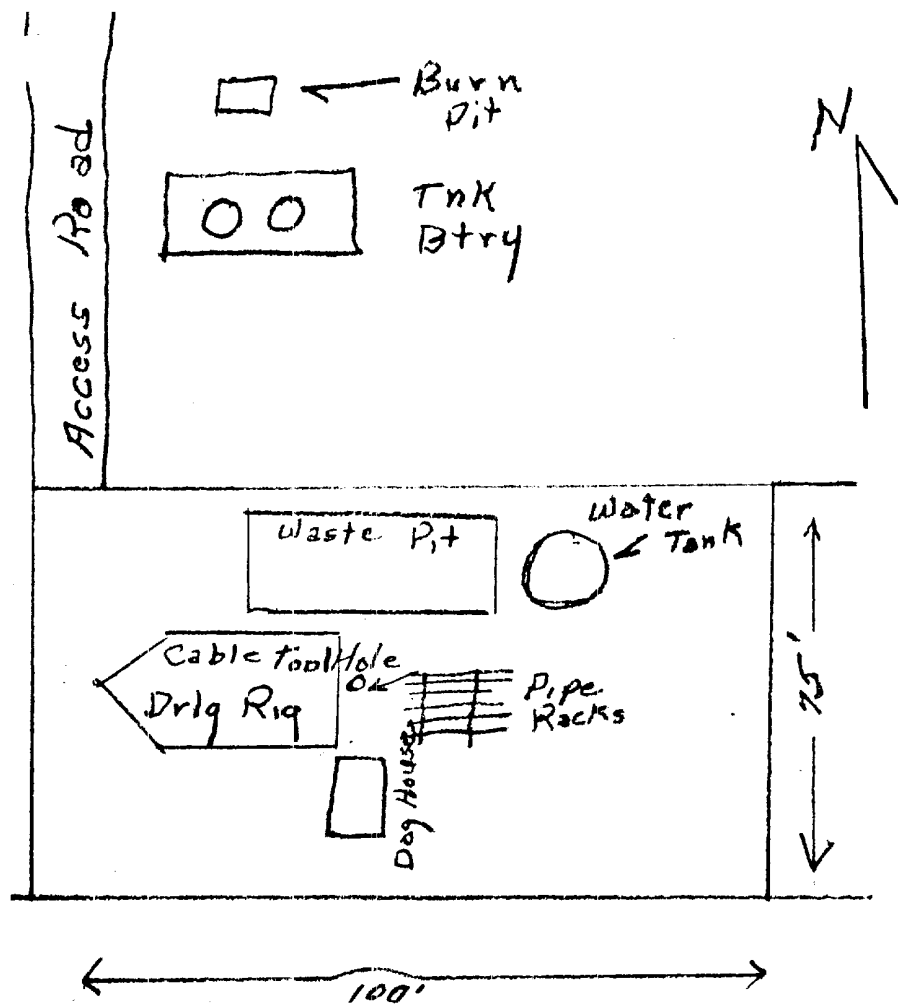
The affected Federal and State surface managing agencies shall have access to or, if feasible, may be provided with copies of such development plans.

HARVEY E. YATES COMPANY

By: James D. Monac
Agent

APPROVED BY:
U.S. GEOLOGICAL SURVEY

By: _____



Proposed Well Site
Harvey E. Yates
Flag Redfern Federal

