

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 ☐

2. NAME OF OPERATOR
Harvey E. Yates Company

3. ADDRESS OF OPERATOR
P. O. Box 1933, Roswell, New Mexico 88201

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
At surface 660' FSL & 1980' FWL
At proposed prod. zone Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
Approximately 2.6 miles Northeast of Malaga, N.M.

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 120

17. NO. OF ACRES ASSIGNED
TO THIS WELL 40

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT. 8700'

19. PROPOSED DEPTH

20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
2963.3' GR

22. APPROX. DATE WORK WILL START*

5. LEASE DESIGNATION AND SERIAL NO.
NM-13628

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Phillips Federal

9. WELL NO.
1

10. FIELD AND POOL, OR WILDCAT
Wildcat

11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREA
Sec. 1, T-24S, R-28E

12. COUNTY OR PARISH
Eddy

13. STATE
N.M.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/2"	13 3/8"	48#-54#	400'	Circulate
11"	8 5/8"	24#-28#	3000'	Circulate
7 7/8"	5 1/2"	15.5#-17#	8700'	Sufficient to cover 600' above pay zone

MUD PROGRAM: 0 - 500' Fresh Water Gel
500' - 2600' Saturated Brine
2600' - 6000' Cut Brine
6000' - 8700' Cut Brine

PLEASE AMEND TOTAL DEPTH TO SHOW 8700' INSTEAD OF 8100'.

RECEIVED

JUN 2 1981

O. C. D.
ARTESIA, OFFICE

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 Paul Hardie TITLE Engineer DATE 5/27/81

(This space for Federal or State Use)

APPROVED GEORGE H. STEWART

PERMIT NO. JUN 1 1981 APPROVAL DATE

APPROVED BY JAMES A. GILLHAM TITLE DISTRICT SUPERVISOR DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side