

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK
DRILL ☒ DEEPEN ☐

b. TYPE OF WELL
OIL WELL ☒ GAS WELL ☐ OTHER ☐ SINGLE ZONE ☐ MULTIPLE ZONE ☒

2. NAME OF OPERATOR
HARVEY E. YATES COMPANY

3. ADDRESS AND TELEPHONE NO.
P.O. BOX 1933, ROSWELL, NEW MEXICO 88202 505-823-6601

4. LOCATION OF WELL (REPORT LOCATION CLEARLY AND IN ACCORDANCE WITH ANY STATE REQUIREMENTS)
AT SURFACE 990' FNL & 2005' FEL
AT PROPOSED PROD. ZONE SAME Unit B

5. LEASE DESIGNATION AND SERIAL NO.
NM-71526

6. IF INDIAN, ALLOTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
BENNETT RANCH UNIT 19008

8. FARM OR LEASE NAME, WELL NO.
BENNETT UNIT 1Y 27028

9. API WELL NO.
30-035-20028

10. FIELD AND POOL, OR WILDCAT
WILDCAT Hackberry, Ellenburger

11. SEC., T., R., M., OR BLK AND SURVEY OR AREA
14-265-17E

12. COUNTY OR PARISH
OTERO

13. STATE
N.M.

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE
APPROXIMATELY 2 MILES NW OF ALAMO MOUNTAIN

15. 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	17. NO. OF ACRES ASSIGNED TO THIS WELL
990	640	40

18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.	19. PROPOSED DEPTH	20. ROTARY OR CABLE TOOLS
25	6400	ROTARY

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
5100' GR

APPROX. DATE WORK WILL START
ASAP

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE, SIZE OF CASING	WT PER FT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/2"	13 3/8" H-40	54.5# ST&C 8RD	700	1000 SX "C" w/ 2% CACL & 1/4# FLOSEAL
12 1/4"	9 5/8" J-55	36# ST&C 8RD	3000	200 SX "C" w/ 2% CACL & 1/4# FLOSEAL 1200 SX FILLER *
8 3/4"	5 1/2" J-55	17# LT&C 8RD	6400	1100 SX LEAD & 400 SX TAIL **

ALL CASING WILL BE NEW, OR USED MEETING BLM SPECS.
CASING DEPTH SUBJECT TO CHANGE DUE TO HOLE CONDITIONS.
CEMENT WILL BE CIRCULATED ON 13 3/8" AND ATTEMPT TO CIRCULATE ON 9 5/8" CASING.
CEMENT QUANTITIES AND ADDITIVES ARE SUBJECT TO CHANGE DUE TO HOLE CONDITIONS.
* FILLER CEMENT 35/65 "C" POZ w/ 6% GEL, 5# SALT, & 1/4# FLOSEAL
** LEAD: 1000 SX "H" POZ w/ 2% GEL & 5# SALT PER SACK
TAIL: 500 SX "H" w/ 3% KCL, .5% FLUID LOSS, .3% DISPERSANT, 1% BONDING AGENT, .3% RETARDER, & .2% SODIUM METASILICATE PER SACK

PROPOSED MUD PROGRAM

0-700	AIREATED FRESH WATER
700-3000	AIREATED BRINE WATER w/ MF-55
3000-6400	AIREATED FRESH WATER w/MF-55 IF NEEDED, MUD UP w/ STARCH. 8.6-8.8 WT., 15 WL

MUD PROGRAM SUBJECT TO CHANGE DUE TO HOLE CONDITIONS

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, 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 Bob Williams Bob Williams TITLE Drilling Superintendent DATE JULY 7, 1997

(THIS SPACE FOR FEDERAL OR STATE OFFICE USE)

PERMIT NO. _____ APPROVAL DATE _____

APPLICATION APPROVAL DOES NOT WARRANT OR CERTIFY THAT THE APPLICANT HOLDS LEGAL OR EQUITABLE TITLE TO THOSE RIGHTS IN THE SUBJECT LEASE WHICH WOULD ENTITLE THE APPLICANT TO CONDUCT OPERATIONS THEREIN.

CONDITIONS OF APPROVAL IF ANY:

APPROVED BY _____ TITLE _____ DATE _____

