

# N. M. Oil Cons. Division

EST. 1970  
ARTESIA, N.M. 87003

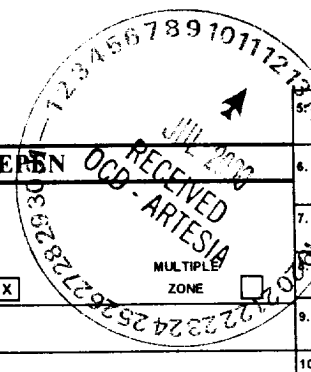
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Form 3160-3 (July 1992)

Harvey E. Yates Company

## UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

### APPLICATION FOR PERMIT TO DRILL OR DEEPEN



5. LEASE DESIGNATION AND SERIAL NO.  
LC-063567

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

TURNER 7 DEEP

8. FARM OR LEASE NAME, WELL NO.

1

9. API WELL NO.

50-015-31255

10. FIELD AND POOL, OR WILDCAT

McMILLAN MORROW

11. SEC., T., R., M., OR BLK  
AND SURVEY OR AREA

SEC 7, T20S, R27E

12. COUNTY OR PARISH

EDDY

13. STATE

NM

1a. TYPE OF WORK

DRILL



DEEPEN



b. TYPE OF WELL

OIL



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 505-623-6601

4. LOCATION OF WELL (REPORT LOCATION CLEARLY AND IN ACCORDANCE WITH ANY STATE REQUIREMENTS)

AT SURFACE

1,980' FNL & 660' FWL

AT PROPOSED PROD. ZONE

SAME

Unit E (Lot 2)

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

20 MILES SW OF LOCO HILLS, NM

15. DISTANCE FROM PROPOSED

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.

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

660'

16. NO. OF ACRES IN LEASE

2471.51

17. NO. OF ACRES ASSIGNED

TO THIS WELL

318.22

18. DISTANCE FROM PROPOSED LOCATION

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

5200'

19. PROPOSED DEPTH

10,450'

20. ROTARY OR CABLE TOOLS

ROTARY

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

3326

ROSWELL CONTROLLED WATER BASIN

APPROX. DATE WORK WILL START

26-May-00

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	48#	400'	425 SX "C" W/2% CACL & 1/4# CELLOSEAL
12 1/4"	8 5/8" J-55	32#	3,000'	350 SX "C" W/2% CACL & 1/4# CELLOSEAL, 1,000 SX FILLER *
7 7/8"	5 1/2" J-55 & N-80	17#	10,450'	1000 SX LEAD & 400 SX TAIL **
(SEE EXHIBIT "E")				

ALL CASING WILL BE NEW, OR USED MEETING BLM SPECS.

CEMENT WILL BE CIRCULATED ON 13 3/8" AND 8 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: 400 SX "H" w/ 3% KCL, .5% FLUID LOSS, .3% DISPERSANT, 1% BONDING AGENT, .3% RETARDER, & .2% SODIUM METASILICATE PER SACK

#### PROPOSED MUD PROGRAM

0-400'	FRESH WATER, PAPER, & ACTIGUARD. MW-9.0 VIS-31
400'-3,000'	BRINE WATER, PAPER, & ACTIGUARD. MW-10.0, VIS-31
3,000'-7,600'	FRESH WATER, PAPER, ACTIGUARD, & AMMONIA NITRATE. 30-60,000 CHLORIDES MW-9.0 VIS-31
7,600'-10,450'	MUD UP W/BARAZAN. 30-60,000 CHLORIDES, MW-9.2-9.4, VIS-34-36, WL-10-20

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

4/28/00

(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 THEREON

CONDITIONS OF APPROVAL IF ANY:

LARRY D. BRAY

Assistant Field Manager,  
Lands And Minerals

DATE

JUL 11 2000

APPROVED BY

TITLE

TITLE 18 U.S.C. SECTION 1001, MAKES IT A CRIME FOR ANY PERSONS KNOWINGLY AND WILLFULLY TO MAKE TO ANY DEPARTMENT OR AGENCY OF THE UNITED STATES ANY FALSE, FICTITIOUS OR FRAUDULENT STATEMENTS OR REPRESENTATIONS AS TO ANY MATTER WITHIN ITS JURISDICTION

APPROVED FOR 1 YEAR

Notify OCD at SPUD & TIME

to witness cementing the casing.

APPROVAL SUBJECT TO  
GENERAL REQUIREMENTS AND  
SPECIAL STIPULATIONS

NSP

Needed to Produce

JOINTLY OF LINE MONT.  
ROSWELL OFFICE

2000 APR 28 A 11:49

RECEIVED

11:49 AM APR 28 2000

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