

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
Dominion Oklahoma Texas Exploration & Production, Inc.

3. ADDRESS AND TELEPHONE NO.
14000 Quail Springs Parkway, Suite 600, Oklahoma City, OK 73102

4. LOCATION OF WELL (Report location clearly and in accordance with any state requirements.)
At surface
UL P, 580' FSL & 790' FEL

At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE
4 1/2 Miles Southwest of Carlsbad, NM

15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drg. unit line, if any)
580'

16. NO. OF ACRES IN LEASE
200

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.
1196'

19. PROPOSED DEPTH
3100'

20. ROTARY OR CABLE TOOLS
R

21. ELEVATIONS (Show whether OF, RT, GR, etc.)
3307'

22. APPROX. DATE WORK WILL START
15-Jul-02

5. LEASE DESCRIPTION AND SERIAL NO.
NM 0331649 -A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
17027

8. FARM OR LEASE NAME, WELL NO.
Ram Ewe Federal #6

9. API NUMBER
30-015-32394

10. FIELD AND POOL, OR WILDCAT
Happy Valley, Delaware

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
33-22S-26E

12. COUNTY OR PARISH
Eddy

13. STATE
NM

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/2"	13 3/8" H40	48.8#	575'	250 sx BJ Light/Class C
11"	8 5/8" ST&C	32#	1675'	520 sx BJ Light/Class C
7 7/8"	4 1/2" N-80	11.6#	3100'	300 sx Class C

Carlsbad Controlled Water Basin

1. Drill 17 1/2" hole to \pm 575'. Set 13 3/8" H40, 48.8# surface csg at \pm 575'. Cement w/250 sx BJ Light/Class C.
2. Drill 11" hole to \pm 1,675'. Set 8 5/8", ST&C, 32# csg at \pm 1,675. Cement w/520 sx BJ Light/Class C.
3. Drill 7 7/8" hole to \pm 3,100'. Set 4 1/2", N-80, 11.6# csg at \pm 3,100'. Cement w/300 sx Class C.

See Attached BOP program.

APPROVAL SUBJECT TO
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS
ATTACHED

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 Cecilia Christian TITLE Regulatory Specialist DATE 5/8/02
(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:

APPROVED BY /s/ Mary J. Rugwell TITLE FIELD MANAGER DATE JUL 24 2002

*See Instructions On Reverse Side

APPROVAL FOR 1 YEAR

Title 18 U.S.C. Section 1001, make it a crime for any person 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.

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ATTORNEY GENERAL