

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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 injection well <sup>SJS</sup> SINGLE ZONE  MULTIPLE ZONE

2. NAME OF OPERATOR  
 Roger O. Goza

3. ADDRESS OF OPERATOR  
 P. O. Box 1313, Monahans, Texas 79756

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
 At surface  
 1980'FWL, 660' FSL Sec 22 T-20-S R-34-E Lea County N.M.  
 At proposed prod. zone  
 Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
 17 miles SW from Monument

5. LEASE DESIGNATION AND SERIAL NO.  
 NM-082(29-000082)

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
 D & E Federal

9. WELL NO.  
 1

10. FIELD AND POOL, OR WILDCAT  
 Lynch Yates 7R

11. SEC., T., E., M., OR BLK. AND SURVEY OR AREA  
 Sec 22 T-20-S R-34-E  
 Lea County, N.M.

12. COUNTY OR PARISH  
 Lea

13. STATE  
 N.M.

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any)  
 660'

16. NO. OF ACRES IN LEASE  
 80

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.  
 1500'

19. PROPOSED DEPTH  
 4000

20. ROTARY OR CABLE TOOLS  
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 3675 GR

22. APPROX. DATE WORK WILL START\*  
 July, 1987

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
Unknown	8 5/8"		1572'	375 SX (to surface)
Unknown	5 1/2"		3554'	440 SX

This well was drilled and completed in 1960 as a commingled Yates-Seven Rivers oil well. TD is 3693'; PBID is 3683'. The Yates production is through perforations at 3478'-3496'. The Seven Rivers production is from open hole 3533'-3693'. I am proposing to convert this well to a salt water disposal well. If the request is approved, an attempt will be made to inject into the current completion interval. If the zone will not take water at low pressures, the open hole interval will be deepened 310 feet to a new TD of 4000 feet, which will still be within the Seven Rivers formation. The lower portion of this formation will take water at a much lower pressure. This is a common practice in this pool. Two examples are Texaco, Inc. BV Lynch "A" Federal wells #10 and #11.

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 JUN 26 11 10 AM '87  
 CARLSBAD RESERVE AREA HEADQUARTERS

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 Roger O. Goza TITLE Roger O. Goza DATE 6/23/87

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

APPROVED BY Richard J. Mann TITLE \_\_\_\_\_ DATE 7-7-87

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions On Reverse Side

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JUL 13 1987  
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HOBBS OFFICE

Application for Deepening

Roger O. Goza  
D & E Federal #1  
1980' FWL & 660' FSL  
Section 22 T-20-S R-34-E  
Lea County, New Mexico

\* In conjunction with Form 9-331C, Application for Permit to Drill, Deepen or Plug Back, the following ten items of information are submitted:

1. The geologic surface formation is Tertiary.
2. The tops of geologic markers are as follows:

Yates	3478'
Seven Rivers	3533'
3. The depth of water, oil or gas formations are:

Water:	70 feet
	1600 feet
Oil or gas:	Yates 3478'-3496'
	Seven Rivers 3533'-4000'
4. Proposed Casing Program: no casing will be used for this project. The Seven Rivers is currently completed open hole and the open hole interval will be deepened 310 feet to a new TD of 4000'. This new TD will still be within the Seven Rivers formation.
5. Pressure Control Equipment: The deepening will be performed with a reverse unit and a Schaffer Type 39 - Single Ram blowout preventor (or similar type). The pressure rating is 3000 psi.
6. Mud Program: The deepening will be performed with produced water and 10# brine (if needed).
7. Auxiliary Equipment: none
8. Testing, Logging and Coring Programs: none scheduled
9. No abnormal pressures or temperatures are anticipated.
10. Anticipated Starting Date: As soon as possible.

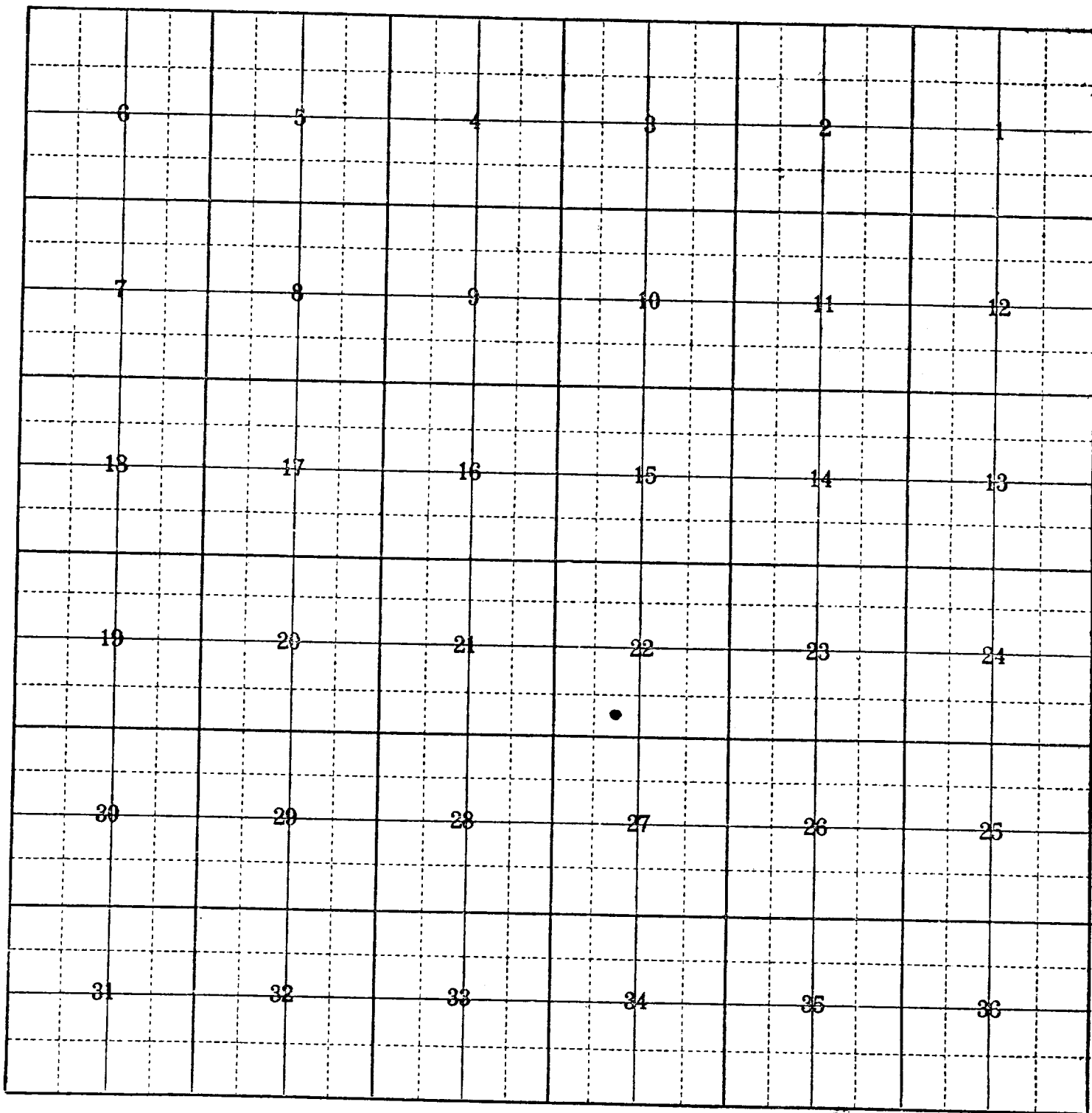
\*Form 9-331C updated to Form 3160-3 (November 1983)

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HOBS OFFICE

TOWNSHIP 20 S RANGE 34 E



Roger O. Goza  
D&E Federal #1  
Proposed Salt Water Disposal Well  
1980' FWL & 660' FSL Section 22  
Lea County, New Mexico