

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY30-015-22988  
5. LEASE DESIGNATION AND SERIAL NO.

USA-NM-14845

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
N/A7. UNIT AGREEMENT NAME  
N/A8. FARM OR LEASE NAME  
Federal 33C9. WELL NO.  
#210. FIELD AND POOL, OR WILDCAT  
South Empire-Wolfcamp11. SEC., T., R., M., OR BLK.  
AND SURVEY OR AREA

Sec. 33 T17S-R29E

12. COUNTY OR PARISH

Eddy

13. STATE

New Mexico

## 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

SINGLE  
ZONE ☐MULTIPLE  
ZONE ☒

2. NAME OF OPERATOR

Tenneco Oil Company

3. ADDRESS OF OPERATOR

6800 Park Ten Blvd. Suite 200 North Artesia, New Mexico 88213

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)

At surface

NE NW 1010' FNL &amp; 1710' FWL

At proposed prod. zone  
same

AUG 17 1979

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

19.0 miles East &amp; South of Artesia, New Mexico

15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drlg. unit line, if any)

1010'

16. NO. OF ACRES IN LEASE

160

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

80

18. DISTANCE FROM PROPOSED LOCATION\*

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

316'

19. PROPOSED DEPTH

9200'

20. ROTARY OR CABLE TOOLS

Rotary

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

3555' GR

22. APPROX. DATE WORK WILL START\*

As soon as approved

23.

## 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" New	48# H-40 ST&C	300'	Sufficient to circulate
11"	8-5/8" New	32# K-55 ST&C	3400'	Will circulate
7-7/8"	5 1/2" New	15.5# K-55 ST&C	5400'	
	5 1/2" New	17.0# K-55 ST&C	5400'-9200'	Cement from 7650' - 9200'.

1. Set 40' of 20" conductor pipe. Cement with Redi-Mix.
2. Drill 17 1/2" hole to 300'±. Cement 13-3/8" casing with cement circulated to surface. Nipple up 10-inch, 3,000# W.P. B.O.P.'s.
3. Drill 11" hole to 3400'±. Cement 8-5/8" casing with cement circulated to surface. This will cement off the Grayburg and San Andres between 2560' to 3000'.
4. Nipple up 10-inch, 3000# W.P. B.O.P.'s. Test ram-type BOP's to 3,000 psi. Test annular B.O.P. and 8-5/8" casing to 1,500 psi. Function test BOP's daily and on all trips.
5. Drill to 9200' T.D. Log and test as warranted. Run 5 1/2" casing if productive.
6. Perforate and stimulate as necessary.

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 measurements and proposed depths. Give blowout preventer program, if any.

24.

SIGNED

Theodore A. Smith

TITLE

Reservoir Drilling Engi

DATE

6/28/79

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

8-13-79

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

1980  
1710  
2701010  
850  
160