

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
Artesia, NM 86210

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 ☒

RECEIVED ☐

2. NAME OF OPERATOR

Amoco Production Company

3. ADDRESS OF OPERATOR

P. O. Box 3092, Houston, TX 77253

SEP 13 '89

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

At surface

700' FSL x 990' FWL (Unit M, SW/4 SW/4)

O. C. D.  
ARTESIA, OFFICE

At proposed prod. zone

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

14 Miles Southeast of Artesia, NM

15. DISTANCE FROM PROPOSED\*

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

698'

16. NO. OF ACRES IN LEASE

320

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

320

18. DISTANCE FROM PROPOSED LOCATION\*  
TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH

11,915

20. ROTARY OR CABLE TOOLS

Rotary

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

3546.0' GR

22. APPROX. DATE WORK WILL START\*

9-15-89

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"	48#	502'	700 SXS.
12 1/4"	9 5/8"	36#	2200'	1400 SXS.
7 7/8"	5 1/2"	15.5 & 17#	11915'	2720 SXS.

1. MI X RUSU.
2. Release PKR X Lower Production TBG X Release Vann Guns X Set PKR at 9500'.
3. Attempt to load backside. Perfs in the Strawn from 9295'-9308' are open. Test packer by pressure testing down Tbg.
4. Swab Tbg down X install lubricator.
5. Perf 9789'-9795' and 9835'-9846' at 4 JSPF W/ a decentralized thru Tbg Gun at 0 degree phasing. Correlate to Schlumberger compensated Neutron-Litho density log dated 7-31-84. Estimated bottom hole pressure in the Morrow may be as high as 3700 PSI.
6. Flow to test well X obtain a 4 point AOF test.
7. Following AOF test, shut in well until notified by division office.

Note: Strawn perfs from 9295'-9308' are open. If the Morrow recompletion is successful, we will need to either cement squeeze the Strawn or obtain approval to leave the Strawn shut-in on the backside. During this time, the well is to be shut in.

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

H. I. Black

TITLE

Staff Administrative Analyst

DATE 8-17-89

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

(ORIG. SGD.) DAVID R. GLASS

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions On Reverse Side