

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 ☒
RECEIVED

b. TYPE OF WELL

OIL
WELL ☐

GAS
WELL ☒

OTHER

SINGLE
ZONE ☒

MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Amoco Production Company

MAR 28 '90

3. ADDRESS OF OPERATOR

P. O. Box 3092 Houston, Texas 77253

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements*)
At surface 1650 FSL X 2310 FEL Sec. 27 (Unit J, NW/4, SE/4)

ARTESIA, OFFICE

At proposed prod. zone

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

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

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

16. NO. OF ACRES IN LEASE

19. PROPOSED DEPTH
9778'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
3492' RDB

22. APPROX. DATE WORK WILL START*
4-2-90

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
11"	8 5/8"	32#	1792	835 SX
7 7/8"	5 1/2"	15.5-17#	9778	375 SX

1. Rig up service unit and pull out of hole with production equipment.
2. Set cast iron bridge plug at 9250 feet and cap with 35 feet cement.
3. Run pipe recovery log to determine top of cement.
4. Perforate at approximately 7000 feet and attempt to establish circulation. If unable to circulate, will perforate at approximately 6000 feet to circulate cement around perforations.
5. Run in hole with workstring and cement retainer to 6900 feet.
6. Establish circulation.
7. Cement with class H cement to bring cement top to approximately 5000 feet. Pull out of retainer and cap with cement and clear tubing and pull out of hole.
8. Perforate 6550'-6570', 6680'-6710', and 6716'-6723' at 4 jet shots per foot with casing gun.
9. Run in hole with production tubing and packer and shear disk to 6530 feet. Run tubing dry.
10. Drop bar to shear disk.
11. If well does not flow, acidize with 3000gallons 15% NEFE HCL with ball sealers. Flush tubing volume plus 15 barrels 2X KCL Water.
12. Swab to clean up and test. Return to production.

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.

Room 20.164

713-584-7213

24.

SIGNED

H. I. Black (H.I. Black)

TITLE Staff Administrative Analyst

DATE 3-14-90

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY: UNORTHODOX LOCATION:

*See Instructions On Reverse Side