

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

SINGLE
ZONE ☒

MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Amoco Production Company

Phone: 713/596-7614

3. ADDRESS OF OPERATOR

P. O. Box 3092 Houston, TX 77253

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

At surface

Unit F, 1980 FNL and 1980 FWL

At proposed prod. zone

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

15. DISTANCE FROM PROPOSED*

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

16. NO. OF ACRES IN LEASE

320

18. DISTANCE FROM PROPOSED LOCATION*

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

19. PROPOSED DEPTH

9495'

20. NO. OF ACRES ASSIGNED
TO THIS WELL

320

20. ROTARY OR CABLE TOOLS

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

3568' RDB

22. APPROX. DATE WORK WILL START*

11/26/90

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#	300'	400 sx
12-1/4"	9-5/8"	323-36#	1600'	1100 sx
8-3/4"	7"	23-26#		
	5-1/2"	155-17#	10100'	

1. Rig up service unit & pull out of hole with production equipment.
2. Set cast iron bridge plug at 9530' and cap with 35' cement.
3. Run pipe recovery log to determine top of cmt & free pipe. The est. top of cmt is 8800'
4. Based on above results, Perf at approx. 7100' & attempt to establish circulation. If unable to circulate, will perf at approx 6000' to circulate cmt around perfs.
5. Run in hole with work string and cmt retainer to 7000'.
6. Establish circulation
7. Cement with cl. H cement to bring cement top to approx. 5000'. Pull out of retainer and cap with cement and clear tubing and pull out of hole.
8. Perforate 6626'-6648' & 6756'-6786' at 4 JSPF with casing gun.
9. Run in hole with production tubing & packer & shear disk to 6590'. Run tubing dry.
10. Drop bar to shear disk
11. If well does not flow, acidize with 3000 gals 15% NEFE HCL with ball sealers (4 balls/ bbl. acid). Flush w/tubing volume plus 15 bbls 2% KCL water

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

[Signature]

TITLE

Asst. Admin. Analyst

DATE

11/9/90

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

Orig. Signed by Admin. Analyst

APPROVED BY

TITLE

PETROLEUM ENGINEER

DATE

11-27-90

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side