

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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

3. ADDRESS OF OPERATOR

P. O. Box 68, Hobbs, NM 88240

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

At surface

At proposed prod. zone

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

7.8 Miles West of Loco Hills, New Mexico

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)18. 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

11,200

17. NO. OF ACRES ASSIGNED
TO THIS WELL

297.49

20. ROTARY OR CABLE TOOLS

Rotary

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

3657.3 GL

22. APPROX. DATE WORK WILL START*

2-1-82

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#	400	Circ
12-1/4	8-5/8	32#	2,900	tie back to 13-3/8
8-3/4	7	17#, 15.5#	11,200	500' above upper most productive zone

Propose to drill and equip well in the Morrow formation. After reaching TD, logs will be run and evaluated, perforate and stimulate as necessary in attempting commercial production.

MUD PROGRAM: 0-400 Native mud & fresh water

400-2900 Native mud & brine.

2900-TD Commercial mud & brine with minimum properties for safe hole conditions. Will raise viscosity and reduce water loss prior to Morrow penetration.

Archaeological Survey Attached

Gas is not dedicated.

BOP Program Attached

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

Mark Randolph

TITLE

Assist. Admin. Analyst

DATE

1-21-82

(This space for Federal or State office use)

PERMIT NO.

APPROVED

APPROVAL DATE

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY

MAR 11 1982

JAMES A. GILLHAM

DISTRICT SUPERVISOR

TITLE

APPROVAL SUBJECT TO

GENERAL REQUIREMENTS AND

SPECIAL STIPULATIONS

ATTACHED

See Instructions On Reverse Side

5. LEASE DESIGNATION AND SERIAL NO.

Nm 0555569

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Empire-South Deep Unit

8. FARM OR LEASE NAME

South Empire Deep Unit

9. WELL NO.

22

10. FIELD AND POOL, OR WILDCAT

South Empire-Morrow

11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREA

31-17-29

12. COUNTY OR PARISH

Eddy

13. STATE

NM