

U/SF

SUBMIT IN TRIPLICATE (Other instructions on reverse side)

Form approved. Budget Bureau No. 42-R1425.

30-015-23542

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

5. LEASE DESIGNATION AND SERIAL NO. LC-055465-a RECEIVED
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME NOV 19 1980
8. FARM OR LEASE NAME O. C. D. Federal BA Gas Com. ARTESIA, OFFICE
9. WELL NO. 1
10. FIELD AND POOL, OR WILDCAT Scoggin Draw Morrow
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA U1 E 4-18-27
12. COUNTY OR PARISH Eddy 13. STATE NM

1a. TYPE OF WORK DRILL [X] DEEPEN [] PLUG BACK []
b. TYPE OF WELL OIL WELL [] GAS WELL [X] OTHER [] SINGLE ZONE [X] 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 1980' FNL & 760' FWL, Sec. 4 (Unit E, T-18-S, R-27-E)
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 10 mi. Southeast of Artesia, NM
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
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 9850'
20. ROTARY OR CABLE TOOLS Rotary
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 3586.0' GL
22. APPROX. DATE WORK WILL START* 11-20-80

23. PROPOSED CASING AND CEMENTING PROGRAM
Table with columns: SIZE OF HOLE, SIZE OF CASING, WEIGHT PER FOOT, SETTING DEPTH, QUANTITY OF CEMENT.
Rows: 17-1/2" (13-3/8", 48#, 1000', Circ.), 12-1/4" (8-5/8", 32#, 6000', Circ.), 7-7/8" (5-1/2", 17#, 20#, 23#, 9850', Tie back to 8-5/8")

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'-1000' Native mud and fresh water.
1000'-6000' Native mud and brine water.
6000'-TD Commercial mud and brine with minimum properties for safe hole conditions. Raise for viscosity and reduce water loss prior to Morrow penetration.

BOP PROGRAM ATTACHED
Gas is not dedicated.

0+6-USGS, A 1-Hou 1-Susp 1-LBG 1-W. Stafford, Hou

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 Benton Green TITLE Assist. Admin. Analyst DATE 10-31-80

(This space for Federal or State office use)

PERMIT NO. APPROVAL DATE
APPROVED BY GEORGE H. STEWART TITLE DATE NOV 18 1980
CONDITIONS OF APPROVAL, IF ANY: