

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
HOBBS, NEW MEXICO 88240

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
 Hamon Operating Company

3. ADDRESS OF OPERATOR
 611 Petroleum Building, Midland, Texas 79701

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
 At surface
 660' FSL & 1980' FWL of Section 17
 At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 25 miles Northwest from Eunice, New Mexico

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)
 660'

16. NO. OF ACRES IN LEASE
 320

17. NO. OF ACRES ASSIGNED TO THIS WELL
 40

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
 2819.5'

19. PROPOSED DEPTH
 3975

20. ROTARY OR CABLE TOOLS
 Pulling Unit

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 3623.0' Gr.

22. APPROX. DATE WORK WILL START*
 1-10-86

5. LEASE DESIGNATION AND SERIAL NO.
 LC 046164 B

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
 Amerada Federal

9. WELL NO.
 1

10. FIELD AND POOL, OR WILDCAT
 Undesignated (Eumont)

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
 Sec. 17, T20S, R36E

12. COUNTY OR PARISH
 Lea

13. STATE
 New Mexico

23. PROPOSED CASING AND CEMENTING PROGRAM
 Casing set on original completion.

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/2	13 3/8"	54	376.00	450 Sks. Cemented to surface
12 1/4	9 5/8"	36 & 40	5148.15	500 Sks. Top of cement @ 3800'
8 3/4	7	23 & 26	11,160.62	300 Sks. Top of cement @ 8854'
6 1/8	5" Liner	18	Top @ 11012 Bottom @ 11,578	75 Sks

Well was originally completed as a Morrow gas well. In 1981 the well was plugged back to the Bone Springs and tested. The Bone Springs was found to be non-productive. Copies of Forms 9-331 is attached showing the plug back and work done.

Proposed Plug Back Procedure:

1. Circulate hole with 10# salt gel mud.
2. Spot 50 Sk. plug at top of Bone Springs from ^{7600'} ~~7300'~~ back to ^{7400'} ~~7100'~~.
3. Cut and pull 7" casing from 5200'.
4. Spot a 125 sk. plug in top of 7" casing stub. This will fill up to 4950' and put 198' of cement in the bottom of the 9 5/8" casing. Tag plug.
5. Perforate the Seven Rivers from 3920' to 3960'.
6. Acidize and swab test for 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.

24. SIGNED [Signature] TITLE District Operations Supt. DATE December 17, 1985

PERMIT NO. _____ APPROVAL DATE _____
 APPROVED BY _____ TITLE _____ DATE 12.86
 CONDITIONS OF APPROVAL, IF ANY :

Instructions

General: This form is designed for submitting proposals to perform certain well operations, as indicated, on all types of lands and leases for appropriate action by either a Federal or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 1: If the proposal is to redrill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notations. Consult applicable State or Federal regulations concerning subsequent work proposals or reports on the well. Consult local

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 14: Needed only when location of well cannot readily be found by road from the land or lease description. A plat, or plats, separate or on this reverse side, showing the roads to, and the surveyed location of, the well, and any other required information, should be furnished when required by Federal or State agency offices.

Items 15 and 18: If well is to be, or has been directionally drilled, give distances for subsurface location of hole in any present or objective production zone.

Item 22: Consult applicable Federal or State regulations, or appropriate officials, concerning approval of the proposal before operations are started.

JAN 3 - 1986
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