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5A. Indicate Type of Lease	
STATE <input checked="" type="checkbox"/>	FEE <input type="checkbox"/>
5. State Oil & Gas Lease No.	

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		7. Unit Agreement Name	
b. Type of Well DRILL <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input checked="" type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8. Farm or Lease Name State LL	
2. Name of Operator AMOCO PRODUCTION COMPANY		9. Well No. 1	
3. Address of Operator P. O. Box 68, Hobbs, NM 88240		10. Fluid and Pool, or Wildcat Wildcat Bone Springs	
4. Location of Well UNIT LETTER K LOCATED 1980 FEET FROM THE South LINE AND 1980 FEET FROM THE West LINE OF SEC. 12 TWP. 20-S RGE. 35-E NMPM		12. County Lea	
19. Proposed Depth 12,800		19A. Formation Bone Springs	20. Rotary or C.T. rotary
21. Elevations (Show whether D.F., K.I., etc.) 3654.0' GL	21A. Kind & Status Plug. Bond Blanket-on-file	21B. Drilling Contractor N/A	22. Approx. Date Work will start 1st week in March

## PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
20"	16"	65#	405'	circulate	surface
14"	10-3/4"	40.5, 45.5, 51#	4270'	tieback to 16"	400'
9-1/2"	7-5/8"	39, 33.7, #	11280'	tieback to 10-3/4"	4300'
6-1/2"	4-1/2" liner	15.1#	10781'-13050'	tieback to 7-5/8"	11000'

Propose to abandon the Morrow formation and recompleate to the Bone Springs per the following Kill well and pull out of hole with tubing and packer. Run in hole with cast iron bridge plug and set in 4-1/2", 15.10# 5-95 liner at apx. 12,800'. Cap with 35' of cement. Run in hole with cement bond log, run from 9850' to 9550' and pull out of hole. Run in hole with 4" hollow carrier casing gun and perforate Bone Springs intervals 9616'-9620', 9631'-9637', 9644'-9668', 9678'-9690', 9696'-9708' and 9712'-9725' with 4 DPJSPF. Pull out of hole. Run in hole with 3 jts 2-3/8" tailpipe, packer, and 2-3/8" tubing to surface. Land tailpipe at 9500' and set packer in 7-5/8" casing at 9410'. Swab test. Acidize the Bone Springs with 7100 gals of 15% NEFE HCL acid containing RA material and additives. Flush acid to perms with 45 bbls of clean brine water. Run after job GR/temp. survey from 9550'-9800'. Swab test to recover load and evaluate. Supplemental brief will follow to place well on pump or flow test.

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. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

Signed Gary C. Clark Title Assist. Admin. Analyst Date 3-6-84

(This space for State Use)

ORIGINAL SIGNED BY JERRY SEXTON

APPROVED BY DISTRICT 1 SUPERVISOR TITLE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

MAR 6 1984