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LAND OFFICE	
OPERATOR	

5A. Indicate Type of Lease
STATE FCC

5. State Oil & Gas Lease No.

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

7. Unit Agreement Name

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. Field 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

13. Proposed Depth 12800' 19A. Formation Bone Springs 20. Rotary or C.T. Rotary

21. Elevations (show whether DI, KT, etc.) 3654' GL 21A. Kind & Status Plug. Bond Blanket-on-file 21B. Drilling Contractor N/A 22. Approx. Date Work will start _____

23. 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 revise recompletion procedure on Form C-101 dated 3-6-84 as follows:
 After squeezing and cleaning out Upper Bone Springs, pressure test to 1000 psi and resqueeze if necessary. Lower the retrievable bridge plug set at 9894' and reset at 10760'. Perforate 10645'-10684' with 4 DPJSPF. Run 3 joints 2-3/8" tailpipe, packer, unloader, and 2-3/8" tubing to surface. Land tailpipe at 10550' and set the packer. Swab test and run base gamma ray/temp. survey. Spot 6 bbl acid across perfs. Acidize Bone Springs with 4000 gal 15% NEFE HCL acid tagged with RA material and additives. Flush with 1900 gal clean brine water. Run after acid survey. Swab and evaluate. Pull tubing and packer. Set a retrievable bridge plug at 10630'. Perforate 10592'-10615' with 4 DPJSPF. Run a retrieving head, 3 joints 2-3/8" tailpipe packer, by-pass valve, and 2-3/8" tubing to surface. Land tailpipe at apx. 10490' and set packer. Swab test. Run base gamma ray/temp. survey. Spot 6 bbl acid across perfs. Acidize Bone Springs with 2300 gal 15% NEFE HCL acid tagged with RA material and additives. Open by-pass valve, displace tubing with acid, and

O+5-NMOCD, H 1-R.E.Ogden, Hou 1-F.J.Nash, Hou 1-CLF
 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.

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

Signed Cathy L. Forman Title Asst. Admin. Analyst Date 3-26-84

(This space for State Use)

APPROVED BY Eddie W. Seay TITLE Oil & Gas Inspector DATE _____
 CONDITIONS OF APPROVAL, IF ANY:

MAR 26 1984

close valve. Flush with 1900 gal clean brine water. Run after acid survey. Swab test and evaluate. Supplemental brief will follow.

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