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U.S.G.S.	
LAND OFFICE	
OPERATOR	

5A. Indicate Type of Lease	
STATE <input checked="" type="checkbox"/>	FEE <input type="checkbox"/>
5. State Oil & Gas Lease No.	
L-3556	

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

1a. Type of Work		7. Unit Agreement Name	
b. Type of Well		8. Form or Lease Name	
DRILL <input type="checkbox"/> DEEPEN <input checked="" type="checkbox"/> PLUG BACK <input type="checkbox"/>		State FU	
OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		9. Well No.	
2. Name of Operator		1	
AMOCO PRODUCTION COMPANY		10. Field and Pool, or Wildcat	
3. Address of Operator		Airstrip Wolfcamp and	
P. O. Box 68, Hobbs, NM 88240		Upper Bone Springs	
4. Location of Well		12. County	
UNIT LETTER <u>K</u> LOCATED <u>1980</u> FEET FROM THE <u>South</u> LINE		Lea	
AND <u>1980</u> FEET FROM THE <u>West</u> LINE OF SEC. <u>25</u> TWP. <u>18-S</u> RGE. <u>34-E</u> NMPM			
19. Proposed Depth		19A. Formation	20. Rotary or C.T.
12,088'		Wolfcamp	Rotary
21. Elevations (show whether DH, RI, etc.)		21A. Kind & Status Plug. Bond	21B. Drilling Contractor
3966' GL		Blanket-on-file	N/A
		22. Approx. Date Work will start	N/A

23.

## PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17-1/2"	13-3/8"	48#	431'	475 Sx C1C neat	surface
12-1/4"	9-5/8"	32.3, 36#	4697'	3390 sx TLW	surface
8-3/4"	7-5/8"	26.4, 29.7#	12140'	770 sx Lt & C1H	4800'

Propose to recomplete to the Wolfcamp and acidize existing Wolfcamp intervals and downhole commingle Upper Bone Springs and Wolfcamp per the following:

Move in service unit and POH with rods, pump and tubing. RIH with tubing and retrieving head. Circulate sand and balls off RBP set at 9722'. Latch on and retrieve RBP. RIH with tubing, packer, and 3 jts. tailpipe. Land tailpipe at 10,430' and set packer. Run base GR/Temp. survey over interval 10,800'-10,300'. Acidize Wolfcamp intervals with 4000 gals 15% NE HCL acid with additives. Tag all acid with RA material. Flush to perfs with 51 bbl 2% KCL brine. Run after treatment GR/Temp. survey over 10,800'-10,300'. Swab back spent acid load. Release packer and POH. RIH with tubing, tubing anchor and seating nipple. Land seating nipple at 10,680' and set tubing anchor at 10,500'. Install rods and pump. Return well to production.

\* NMOCD in Santa Fe granted approval to downhole commingle 11-9-83, per Administrative (over)

0+6-NMOCD, H 1-R. E. Ogden, HOU Rm. 21.150 1-F. J. Nash, HOU Rm. 4.206 1-Mesa 1-Pacific

1-Southland 1-Bass

N ABOVE INFORMATION IS PROPOSED PROGRAM IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE BLENDOUT PREVENTER PROGRAM, IF ANY.

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

Signed Charles M. Herring Title Administrative Analyst Date 1-31-84

(This space for State Use)

APPROVED BY ORIGINAL SIGNED BY JERRY SEXTON DATE FEB 2 1984  
DISTRICT 1 SUPERVISOR TITLE  
CONDITIONS OF APPROVAL, IF ANY:

Order No. DHC-436.

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FEB 1 1984  
O.C.D.  
HOBBS OFFICE