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# NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101  
Revised 1-1-65

5A. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
5. State Oil & Gas Lease No. L-3556
7. Unit Agreement Name
8. Farm or Lease Name State "FU"
9. Well No. 4
10. Field and Pool, or Wildcat Airstrip Wolfcamp
12. County Lea
19. Proposed Depth 10,800
19A. Formation Wolfcamp
20. Rotary or C.C.
21. Elevations (Show whether DT, RT, etc.) 3965.3 GR
21A. Kind & Status Plug. Bond Blanket on file
21B. Drilling Contractor NA
22. Approx. Date Work will start

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK	
1a. Type of Work b. Type of Well OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> 2. Name of Operator Amoco Production Company 3. Address of Operator P. O. Box 68, Hobbs, New Mexico 88240 4. Location of Well UNIT LETTER <u>DB</u> LOCATED <u>1980</u> FEET FROM THE <u>North</u> LINE AND <u>1980</u> FEET FROM THE <u>East</u> LINE OF SEC. <u>25</u> TWP. <u>18-S</u> RGE. <u>34-E</u> NMPM	5. State Oil & Gas Lease No. L-3556 7. Unit Agreement Name 8. Farm or Lease Name State "FU" 9. Well No. 4 10. Field and Pool, or Wildcat Airstrip Wolfcamp 12. County Lea 19. Proposed Depth 10,800 19A. Formation Wolfcamp 20. Rotary or C.C. 21. Elevations (Show whether DT, RT, etc.) 3965.3 GR 21A. Kind & Status Plug. Bond Blanket on file 21B. Drilling Contractor NA 22. Approx. Date Work will start

## 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#	300'	Circ.	Surf.
12-1/4"	9-5/8"	40#	4005'	Circ.	Surf.
8-3/4"	5-1/2"	15.5#, 17#, 20#	10800'	Tie back to 9-5/8	2465'

Propose to recompleate from the Bone Springs to the Wolfcamp per the following:  
Move in service unit, release tubing anchor and pull tubing. Run in hole with tubing and packer. Set packer at  $\pm 9150'$ . Establish injection rate into perfs 9252'-86'. (Supplemental notice will follow if injection rate cannot be established). Pull out of hole and run in with cement retainer. Set retainer  $\pm 9150'$ . Squeeze perfs 9252'-86' with 100 sx class H containing 0.4% Halad-9. Tail in with 50 sx class H neat cement. When squeeze is obtained, sting out of retainer and reverse any excess cement. After 24 hours, drill out cement retainer and cement. Run bit to 10,650' to insure casing is clear. Pressure test squeeze job. Perf intervals 10,516'-20', 10,564'-76' and 10,580'-88' with 2 DPJSPF, 180° phasing. Run tubing, packer and tailpipe set  $\pm 10,490'$  and set packer. Run base GR-Temp log across perfered intervals. Acidize perfs 10,516'-588' with 3,000 gal 15% HCL. Tag acid with RA material. Flush to perfs with 50 bbls of clean 2% KCL water. Run after treatment survey. Swab load

Q+4-NMOC H, 1-HOU, 1-W. Stafford, 1-CMH, 1-Mesa, 1-Bass, 1-Pacific Lighting Gas, 1-Southland Royalty, 1-Superior

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

igned Charles M. Leering Title Assist. Admin. Analyst Date 11-10-82

(This space for State Use)

APPROVED BY Eldon W. Lee TITLE OIL & GAS INSPECTOR DATE NOV 10 1982

CONDITIONS OF APPROVAL, IF ANY:

and evaluate production characteristics.

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