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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.	
13790	

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 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 checked="" type="checkbox"/>		8. Farm or Lease Name State "C" Tr. 12	
2. Name of Operator Amoco Production Company		9. Well No. 4	
3. Address of Operator P. O. Box 68, Hobbs, New Mexico 88240		10. Field and Pool, or Wildcat Tubb	
4. Location of Well UNIT LETTER <u>F</u> LOCATED <u>1980</u> FEET FROM THE <u>North</u> LINE AND <u>3300</u> FEET FROM THE <u>East</u> LINE OF SEC. <u>16</u> TWP. <u>21-S</u> RGE. <u>37-E</u> NMPM		12. County Lea	
19. Proposed Depth 6,380'		19A. Formation Tubb	
21. Elevations (Show whether UT, RT, etc.) 3477' GL		21A. Kind & Status Plug. Bond Blanket on file	
21B. Drilling Contractor NA		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
17-1/2"	13-3/8"	57.5, 48#	316'	325	Surf.
12"	9-5/8"	36, 40#	2900'	1500	1325'
8-3/4"	7"	20, 23#	6656'	700	2800'

Propose to perforate and acidize Tubb zone. Test and prepare to dually complete well in Tubb and Drinkard zones per the following:

Move in service unit and pull rods and pump. Release tubing anchor at 6395' and tag TD (TD should be at 6655'). Pull tubing. If significant fill is encountered, drill out as necessary to expose bottom perfs at 6608'. Run in hole with tubing, treating packer, and retrievable bridge plug. Set RBP at 6380'. Pressure test RBP and backside for leaks. Release packer, pull tubing and load casing with 2% KCL fresh water. Run in hole with 4" centralized hollow carrier casing gun. Perforate intervals 6044'-60', 6078'-96' and 6108'-16' with 2 DPJSPF and 180° phasing. Run in hole with 2-3/8" tubing, sand, and treating packer. Set packer at 6025'. Run base temperature gamma ray log. Acidize Tubb interval 6044'-6116' at 3-5 BPM with 50 bbls 15% NEFE HCL (tag acid with RA material.)

0+4-NMOCD,H 1-HOU 1-W. Stafford, HOU 1-CMH

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 Charles M. Herring Title Assist. Admin. Analyst Date 12-7-82

(This space for State Use)

ORIGINAL SIGNED BY JERRY SEXTON

APPROVED BY DISTRICT I SUPERVISOR TITLE DATE MAR 4 1983

CONDITIONS OF APPROVAL, IF ANY:

Flush to perfs with 25 bbls 2% KCL fresh water. Run treatment survey. Swab back load, flow test well, and evaluate. Supplemental brief to follow to perf and stimulate additional pay pending evaluation of above work.

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HOBBS OFFICE

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
 Supersedes C-128
 Effective 1-1-65

All distances must be from the outer boundaries of the Section.

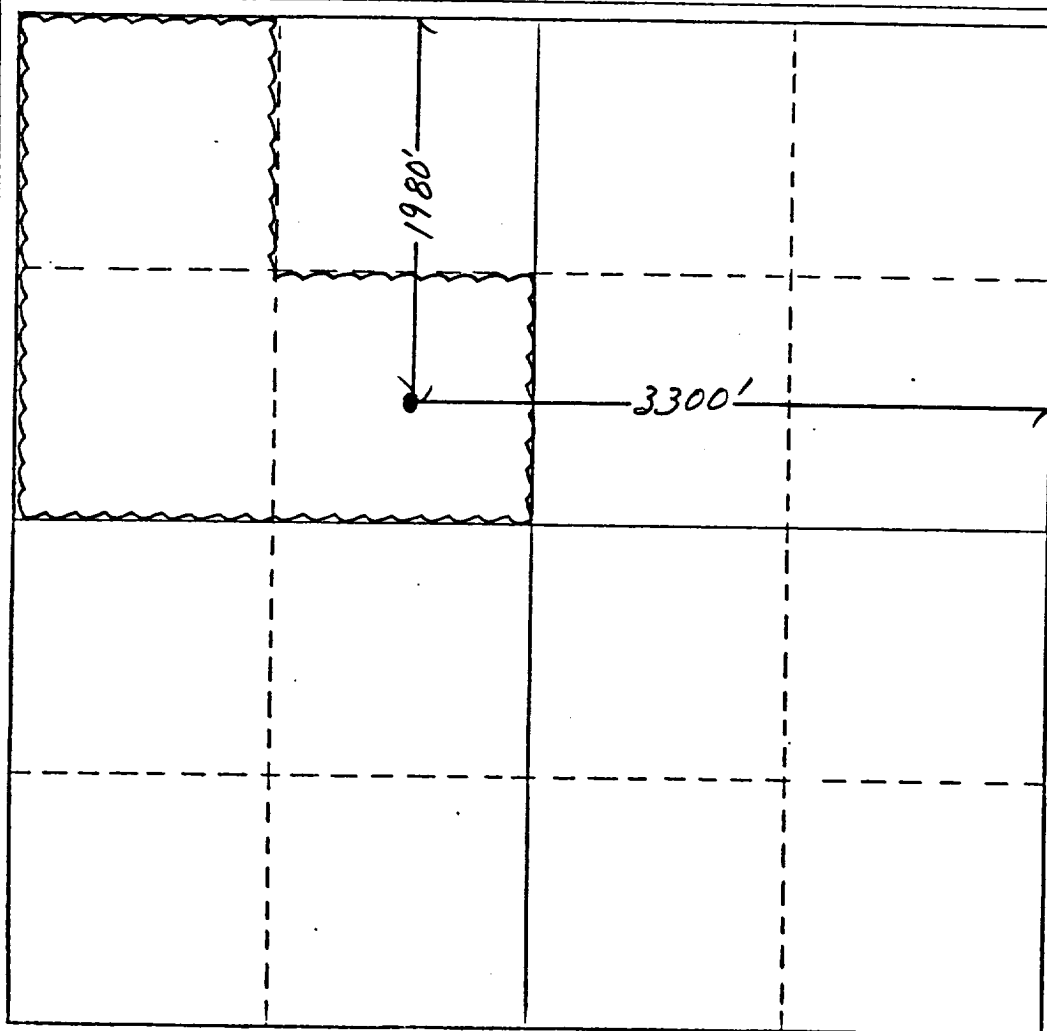
Operator Amoco Production Company			Lease State "C" Tr. 12		Well No. 4
Unit Letter F	Section 16	Township 21-S	Range 37-E	County Lea	
Actual Footage Location of Well: 1980 feet from the North line and 3300 feet from the East line.					
Ground Level Elev. 3477' GL	Producing Formation Tubb		Pool Tubb Oil and Gas		Dedicated Acreage: 120

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

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

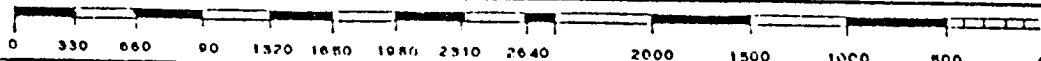
Name: *Charles M. Lerring*
 Position: **Assist. Admin. Analyst**
 Company: **Amoco Production Company**
 Date: **December 1, 1982**

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed _____

Registered Professional Engineer and/or Land Surveyor _____

Certificate No. _____



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