

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

# 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.	
L6942	

## 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 checked="" type="checkbox"/> PLUG BACK <input type="checkbox"/>		8. Farm or Lease Name	
OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		State LL	
2. Name of Operator		9. Well No.	
Amoco Production Company		1	
3. Address of Operator		10. Field and Pool, or Wildcat	
P. O. Box 68, Hobbs, New Mexico 88240		West Osudo Morrow	
4. Location of Well		12. County	
UNIT LETTER K LOCATED 1980 FEET FROM THE South LINE		Lea	
AND 1980 FEET FROM THE West LINE OF SEC. 12 TWP. 20-S RGE. 35-E NMPM			
19. Proposed Depth		19A. Formation	
12940			
20. Notary or C.E.			
21. Elevations (Show whether DT, RT, etc.)		22. Approx. Date Work will start	
3654.0 GL			
21A. Kind & Status Plug. Bond		21B. Drilling Contractor	
Blanket on File			

## 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	425	Circ.
14	10-3/4	40.5, 45.5, 51	4270	3300	Circ.
9-1/2	7-5/8	33.7, 39	11280	1350	Circ.
6-1/2	4-1/2	15.1	10781-13050	410	Circ.

Propose to abandon the Strawn (11980-12030) and recomple to the Morrow (12820-12838) per the following:

Pump down tubing to establish injection rate. Pull tubing, packer, and tailpipe. Run and set cement retainer at approximately 11880'. Squeeze Strawn perfs with 200 sacks class H cement with .5% Halad 22 A. WOC 18 hours. Drill out cement retainer to 12030'. Pressure test squeeze. Circulate hole with 10 ppg 2% KCL brine water. Drill out cement and CIBP set at 12770'. Tag PBDT at 12940' and circulate hole clean. Perforate Morrow intervals 12820'-28' and 12830'-38' with 2 JSPF. Run in hole with shear disc, tailpipe, profile nipple, and packer. Land shear disc at 12720' and set packer at 10736'. Drop bar to shear disc and flow test well. If well will not flow acidize with 2394 gallon 7-1/2% MS with 1000 SCF N2 per barrel. Drop approx. 2 ball sealers per barrel. Total of 96 ball sealers only. Flush with 71 barrels 2% KCL water with 1000 SCF N2 per barrel. Flow test well.

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

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 Mark Freeman Title Assist. Admin. Analyst Date 8-4-82

(This space for State Use)

ORIGINAL SIGNED BY

APPROVED BY JERRY SEXTON TITLE DISTRICT:1 SUPR. DATE AUG 5 1982

CONDITIONS OF APPROVAL

**NEW MEXICO OIL CONSERVATION COMMISSION**  
**WELL LOCATION AND ACREAGE DEDICATION FORM**

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

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

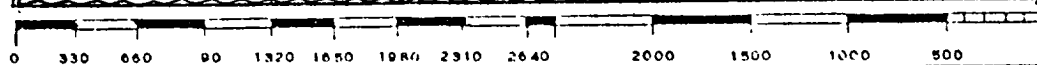
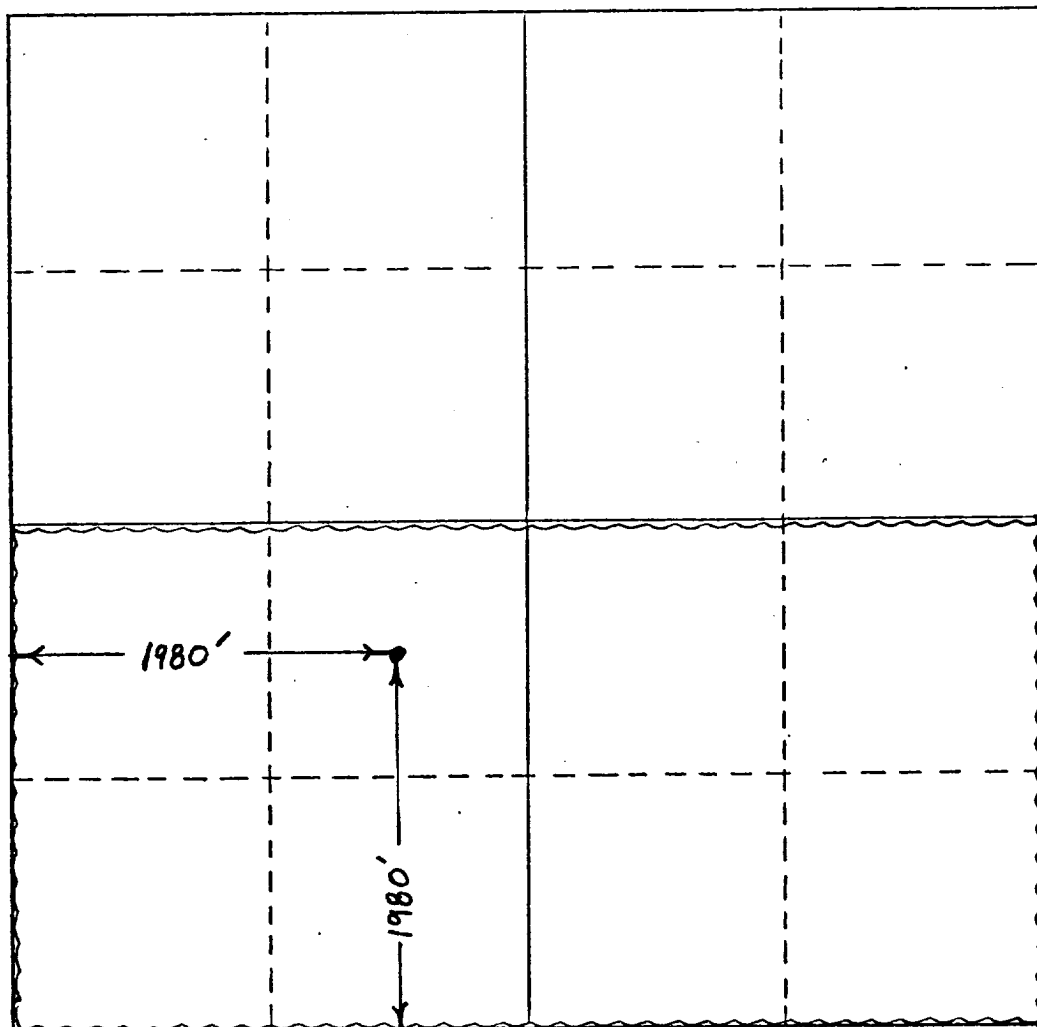
Operator <b>Amoco Production Company</b>			Lease <b>State LL</b>		Well No. <b>1</b>
Unit Letter <b>K</b>	Section <b>12</b>	Township <b>20-S</b>	Range <b>35-E</b>	County <b>Lea</b>	
Actual Footage Location of Well: <b>1980</b> feet from the <b>South</b> line and <b>1980</b> feet from the <b>West</b> line					
Ground Level Elev. <b>3654.0</b>	Producing Formation <b>Morrow</b>		Pool <b>West Osudo Morrow</b>		Dedicated Acreage: <b>320</b> Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure 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 *Mark Freeman*

Position  
**Assist. Admin. Analyst**

Company  
**Amoco Production Company**

Date  
**8-4-82**

*I hereby certify that the well location shown on this plot 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. \_\_\_\_\_