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# NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101  
Revised 1-1-65 *2-1-72*

5A. Indicate Type of Lease	
STATE <input checked="" type="checkbox"/>	FEE <input type="checkbox"/>
5. State Oil & Gas Lease No.	
<b>B-11434</b>	

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

1a. Type of Work		7. Unit Agreement Name	
b. Type of Well OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		8. Farm or Lease Name	
DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		<b>ARCO - STATE</b>	
2. Name of Operator		9. Well No.	
<b>MORSANTO COMPANY</b>		<b>1</b>	
3. Address of Operator		10. Field and Pool, or Wildcat	
<b>101 North Marienfeld, Midland, Texas 79701</b>		<b>WILDCAT</b>	
4. Location of Well UNIT LETTER <b>J</b> LOCATED <b>1980</b> FEET FROM THE <b>South</b> LINE <b>1980</b> <b>East</b> <b>9</b> <b>168</b> <b>32E</b> AND FEET FROM THE LINE OF SEC. TWP. RGE. NMPM		12. County	
		<b>LEA</b>	
19. Proposed Depth		19A. Formation	
<b>11,000'</b>		<b>Penn</b>	
20. Rotary or C.T.		<b>Rotary</b>	
21. Elevations (Show whether DF, RT, etc.)		21B. Drilling Contractor	
<b>Furnish later</b>		<b>Not awarded</b>	
21A. Kind & Status Plug. Bond		22. Approx. Date Work will start	
<b>Blanket</b>		<b>Upon approval</b>	

23.

## PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
<b>15"</b>	<b>11 3/4"</b>	<b>42#</b>	<b>600'</b>	<b>300</b>	<b>Surface</b>
<b>11"</b>	<b>8 5/8"</b>	<b>32 &amp; 24#</b>	<b>4300'</b>	<b>375</b>	<b>2000'</b>
<b>7 7/8"</b>	<b>5 1/2"</b>	<b>17#</b>	<b>11,000'</b>	<b>550</b>	<b>8500'</b>

Drill 15" hole to 600'; set 11 3/4" 42# Casing at 600' & cement to surface.  
Drill 11" hole to 4300'; set 8 5/8" 32# & 24# casing at 4300' & cement with 375 Sx.  
Drill 7 7/8" hole to 11,000' and log.  
If production is indicated set 5 1/2" 17# casing at 11,000' and cement.  
Perforate and treat.  
Drill with water to 9000' and then mud up to total depth.

Ser. 1500 Db1. Hyd. w/ Ser. 900 Hydrill Blowout preventor.

THE COMMISSION MUST BE NOTIFIED  
24 HOURS PRIOR TO RUNNING 11 3/4"  
CASING.

APPROVAL VALID  
FOR 90 DAYS UNLESS  
DRILLING COMMENCED,  
EXPIRES Sept 14, 1972

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 *John Runyan* Title **District Engineer** Date **June 14, 1972**

(This space for State Use)

Orig. Signed by  
**John Runyan**  
Geologist

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE **JUN 16 1972**

CONDITIONS OF APPROVAL, IF ANY:

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JUN 18 1972  
OIL CONSERVATION COMM.  
HOBBS, N. M.