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NEW MEXICO OIL CONSERVATION COMMISSION

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30-015-23461

Form C-101  
Revised 1-1-65

AUG 5 1980

O. C. D.

ARTESIA, OFFICE

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

1a. Type of Work		7. Unit Agreement No.	
b. Type of Well DRILL <input checked="" 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 checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8. Farm or Lease Name State IM Com	
2. Name of Operator Amoco Production Company		9. Well No. 1	
3. Address of Operator P. O. Box 68 Hobbs, NM 88240		10. Field and Pool, or Well Unit Und. Happy Valley Morrow	
4. Location of Well UNIT LETTER I LOCATED 1880 FEET FROM THE South LINE AND 660 FEET FROM THE East LINE OF SEC. 16 TWP. 22-S RGE. 26-E N.M.P.M.		11. County Eddy	
19. Proposed Depth 11700'		19A. Formation Morrow	
20. Rotary or C.T. Rotary		21. History of C.T.	
21A. Kind & Status Plug. Bond Blanket-on-file		21B. Drilling Contractor NA	
22. Approx. Date Work will start 8-15-80		23. Elevation (show whether DF, RT, etc.) 3580.2	

## 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#	700'	Circ.	Surf.
12-1/4"	9-5/8"	40#	2900'	Circ.	Surf.
8-3/4"	5-1/2"	17#, 20#, 23#	11700'	Tieback to 9-5/8"	Btm. 9-5/8"

Propose to drill and equip well in the Morrow formation. After reaching TD logs will be run and evaluated; perforate and stimulate as necessary in attempting commercial production.

MUD PROGRAM: 0' - 700' Native mud and fresh water. \* Fresh  
700' - 2900' Native mud and ~~brine~~ water.  
2900' - TD Commercial mud and brine with minimum permeability  
safe hole conditions.

APPROVAL VALID FOR 90 DAYS UNLESS DRILLING COMMENCED,

EXPIRES 12-5-80

BOP PROGRAM ATTACHED  
Gas is not Dedicated

0+5-NMOCD, A 1-Hou 1-Susp 1-LBG 1-Wayne Stafford, Hou

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 Bob Davis Title Admin. Analyst Date 7-31-80

(This space for State Use)

APPROVED BY W. A. Gressett TITLE SUPERVISOR, DISTRICT II DATE SEP 5 - 1980

CONDITIONS OF APPROVAL, IF ANY:

\* as noted

Cement must be circulated to surface behind 13 7/8" - 9 5/8" casing

Notify N.M.O.C.C. in sufficient time to witness cementing the 9 5/8" casing