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NEW MEXICO OIL CONSERVATION COMMISSION

Form O-101
Revised 1-1-65

JUN 25 1982

O. C. D.
ARTESIA, OFFICE

5A. Indicate Type of Lease	
STATE <input checked="" type="checkbox"/>	FEE <input type="checkbox"/>
5. State Oil & Gas Lease No.	
LG-589	

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		7. Unit Agreement Name	
5. Type of Well		OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		8. Firm or Lease Name	
		SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		State MS Gas Com	
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, NM 88240				Und. Morrow	
4. Location of Well				12. County	
UNIT LETTER <u>C</u> LOCATED <u>660</u> FEET FROM THE <u>North</u> LINE				Eddy	
AND <u>1980</u> FEET FROM THE <u>West</u> LINE OF SEC. <u>12</u> TWP. <u>24-S</u> RGE. <u>27-E</u> NMPM					
13. Proposed Depth		16A. Formation		20. Rotary or C.T.	
12,800		Morrow		Rotary	
21A. Kind & Status Plug. Bond		21B. Drilling Contractor		22. Approx. Date Work will start	
3092. GL		Blanket on File			

23.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
20"	16	65.4#	400	Circ. to surf.	Surf.
14-3/4	10-3/4	40.5#	2550	tie back to 16" BTM of 16	
9-7/8	7-5/8	39.0#	9750	tie back to 10-3/4 BTM of 10-3/4	
6-1/2	4-1/2	13.5#	9250-12800	tie back to 7-5/8 BTM of 7-5/8	

Propose to drill and equip well in the Morrow Zone, after reaching TD logs well be run and evaluated, perforate and/or stimulate as necessary in attempting commercial production.

Mud program: 0-400 Native mud & fresh water.
400-2550 Native mud & brine water.
2550-TD Commercial mud & brine with minimum properties for safe hole conditions. Will raise viscosity and reduce water loss prior to Morrow penetration.

BOP program attached
Gas is not dedicated

APPROVAL VALID FOR 180 DAYS
PERMIT EXPIRES 12-24-82
UNLESS DRILLING UNDERWAY

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 Randolph Title Administrative Analyst Date 6-22-82

(This space for State Use)

APPROVED BY M. H. Wilbur TITLE OIL AND GAS INSPECTOR DATE JUN 29 1982

CONDITIONS OF APPROVAL, IF ANY: