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NEW MEXICO OIL CONSERVATION COMMISSION

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MAY 27 1980

O. C. D.  
ARTESIA, OFFICE

30-015-23349

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.
L-4609

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"/>
b. Type of Well	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"/>
2. Name of Operator	Amoco Production Company
3. Address of Operator	P. O. Box 68 Hobbs, NM 88240
4. Location of Well	UNIT LETTER 'G' LOCATED 1980 FEET FROM THE North LINE AND 1980 FEET FROM THE East LINE OF SEC. 3 TWP. 19-S RGE. 24-E NMPM
7. Unit Agreement Name	
8. Farm or Lease Name	State IL Com
9. Well No.	1
10. Field and Pool, or Wildcat	X Wildcat Morrow
12. County	Eddy
19. Proposed Depth	9000'
19A. Formation	Morrow
20. Rotary or C.T.	Rotary
21. Elevations (Show whether DP, RT, etc.)	3751.2 GR
21A. Kind & Status Plug. Bond	Blanket-on-file
21B. Drilling Contractor	NA
22. Approx. Date Work will start	5-28-80

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"	48#	400'	Circ.	Surf.
12-1/4"	9-5/8"	36#	1500-2000'	Circ.	Surf.
8-3/4"	5-1/2"	15.5#, 17#, 20#	9000'	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 or stimulate as necessary in attempting commercial production.

Mud Program: 0'-400' Native mud and fresh water.  
400'-2000' Native mud and fresh water.  
2000'-TD Commercial mud and brine water with minimum properties for safe hole conditions. At 8000' raise viscosity and reduce water loss prior to Morrow penetration.  
1500'

BOP Program Attached  
Gas in not dedicated.

APPROVAL VAND  
FOR 90 DAYS UNLESS  
DRILLING COMMENCED,

EXPIRES 9-3-80

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 5-27-80

(This space for State Use)  
APPROVED BY W. A. Gressitt TITLE SUPERVISOR, DISTRICT II DATE JUN 3 1980

CONDITIONS OF APPROVAL, IF ANY:  
0+4-NMOCD, A 1-Hou 1-Susp 1-BD 1-Abby Corp. 1-Perry Cement must be circulated to time to witness cementing  
1-Patrick Pet. 1-Abo Pet. 1-Myco and 1-HNG 1-Yates 1-Coquina  
surface behind 13 3/8" + 9 5/8" casing the 9 5/8" casing