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NEW MEXICO OIL CONSERVATION COMMISSION

30-015-21908

Form C-101
Revised 1-4-65

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SEP - 9 1976

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work b. Type of Well OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> ARTESIA, OFFICE <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		5A. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>	
2. Name of Operator AMOCO PRODUCTION COMPANY		3. Address of Operator P.O. DRAWER A, LVELLAND, TEXAS 79336		5. State Oil & Gas Lease No. E-537-5	
4. Location of Well UNIT LETTER <u>F</u> LOCATED <u>1980</u> FEET FROM THE <u>NORTH</u> LINE AND <u>2130</u> FEET FROM THE <u>WEST</u> LINE OF SEC. <u>32</u> TWP. <u>17-S</u> RGE. <u>29-E</u> NMPM		7. Unit Agreement Name EMPIRE SOUTH DEEP UNIT		8. Farm or Lease Name EMPIRE SOUTH DEEP UNIT	
21. Elevations (Show whether DF, RT, etc.) 3595.1 GL		21A. Kind & Status Plug. Bond BLANKET ON FILE		9. Well No. 11	
21B. Drilling Contractor NA		19. Proposed Depth 8800		10. Field and Pool, or Wildcat South EMPIRE SOUTH WOLF CAMP	
22. Approx. Date Work will start 9-13-76		19A. Formation WOLF CAMP		12. County EDDY	
20. Rotary or C.T. ROTARY		19. Proposed Depth 8800		21. Elevations (Show whether DF, RT, etc.) 3595.1 GL	

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
14 3/4"	11 3/4"	47 #	400'	CIRC	
12 1/4"	8 5/8"	24 #	2900'	CIRC	
7 7/8"	5 1/2"	15-17.5 #	8800'	Sufficient to fill 700' above uppermost PAY ZONE	

After drilling well, logs shall be run and evaluations made, perforating and/or stimulating as necessary in attempting commercial production.

BOP Program Attached.

Mud Program - 0' - 400' Native Mud w/ fresh water
400' - 2900' Native Mud w/ brine water
2900' - 8800' Low solids non dispersed mud as required for suitable hole conditions.

APPROVAL VALID
FOR 90 DAYS UNLESS
DRILLING COMMENCED,

EXPIRES 12-10-76

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 Ray W. Cox Title Administrative Assistant Date 9/7/76

014-NMCC-ART (This space for State Use)

1- Div. APPROVED BY W. A. Gressett TITLE SUPERVISOR, DISTRICT II DATE SEP 10 1976

1- RC CONDITIONS OF APPROVAL, IF ANY:

20 - Partners