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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-1-65

5A. Indicate Type of Lease
STATE ☒ FEE ☐
5. State Oil & Gas Lease No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		7. Unit Agreement Name	
b. Type of Well DRILL ☐ DEEPEN ☐ PLUG BACK ☒		8. Farm or Lease Name STATE A2	
c. Name of Operator Amoco Production Company		9. Well No. 1	
d. Address of Operator BOX 68, HOBBS, N. M. 88240		10. Field and Pool, or Wildcat RANGER LAKE SAN ANDRES	
e. Location of Well UNIT LETTER A LOCATED 660 FEET FROM THE NORTH LINE AND 660 FEET FROM THE EAST LINE OF SEC. 34 TWP. 13-S RGE. 34-E NMPM		12. County LEA	
11. Elevations (Show whether DF, RT, etc.) 4152' G.L.		19. Proposed Depth PBD- 5625	19A. Formation SAN ANDRES
21A. Kind & Status Plug. Bond Blanket on file	21B. Drilling Contractor N. A.	20. Rotary or C.T.	
22. Approx. Date Work will start 3-26-73			

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
See Orig Records	13 3/8"	See Orig Records	407	400	Circ.
	8 5/8"		4250	250	3450'
	4 1/2"		10447	200	9625'

Propose to abandon Penn (Ranger Lake Penn) zone by setting a 50 sf cement plug to cover perp's 10216, 10258 and back to 10,100. Short and pull 4 1/2" from 5700' or below. If below 5700' spot 50 sf plug in + out 2 stab. Perforate 4 1/2" and set @ 5625' w/ 150 sf Incon net. woc. Perforate San Andres 5518'-5544' w/ 215 SF and acidize w/ 2.500 gals 15% HSTNE. Evaluate + restore to prod.

If unable to pull 4 1/2" below 5700' casing will be perforated and squeezed cemented w/ 150 sf behind casing.

Interval between plugs to be filled w/ heavy mud laden fluid. (25 5x gal to 100 bbl water)

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 _____ Title Area Supt Date 3-26-73

(This space for State Use)

APPROVED BY [Signature] TITLE _____

CONDITIONS OF APPROVAL, IF ANY:

045 NMOBON
1- DIV
1- 5050

APPROVAL VALID
DATE _____
FOR 90 DAYS UNLESS
DRILLING COMMENCED,

EXPIRES 6-28-73