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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-4-65

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 ☒ OIL WELL ☒ GAS WELL ☒ OTHER ☐ SINGLE ZONE ☐ MULTIPLE ZONE ☐		8. Farm or Lease Name State A-2 RA/A	
2. Name of Operator Amoco Production Company		9. Well No. 11Y	
3. Address of Operator P. O. Box 68, Hobbs, New Mexico 88240		10. Field and Pool, or Wildcat Shieldcat Yates	
4. Location of Well UNIT LETTER C LOCATED 810 FEET FROM THE North LINE AND 2030 FEET FROM THE West LINE OF SEC. 4 TWP. 19-S RGE. 38-E NMPM		12. County Lea	
19. Proposed Depth 6000		19A. Formation Yates	20. Rotary or C.C. 8-30-82
21. Elevations (Show whether LI, RT, etc.) 3639 DF	21A. Kind & Status Plug. Bond Blanket on File	21B. Drilling Contractor	22. Approx. Date Work will start

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#, 54.5#	1544	825	Surf.
12	9-5/8	32.3#, 40#	4434	815	1500
6-3/4	5-1/2	15.5#, 17#	7365	200	4300

Propose to recompleate to the Yates per the following:

Move in service unit. Pull pump and rods. Tag cast iron bridge plug(3312') with tubing. Pull up and spot 90 sack class C neat across interval 3050'-3312'. Pull up to 3000' and displace casing to surface with fresh water. Pull out of hole. Run cement bond log. Perforate above top of cement over a 2' interval with 4 SPF. Run cement retainer and set 100' above perforations. Establish circulation behind casing with fresh water. Squeeze through perfs with 700 sacks of class C neat. Drill out cement retainer and cement to bottom of perfs for casing cement squeeze. Pressure test squeeze to 1000 PSI.

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 8-12-82

(This space for State Use)

ORIGINAL SIGNED BY

APPROVED BY JERRY LEATON TITLE DATE AUG 16 1982

CONDITIONS OF APPROVAL, IF ANY: