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NEW MEXICO OIL CONSERVATION COMMISSION

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O. C. C.

30-015-21414

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.	K-4541

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		7. Unit Agreement Name	
b. Type of Well DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> 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"/>		8. Farm or Lease Name Sulphate Aunt	
2. Name of Operator Corinne Grace		9. Well No. 1	
3. Address of Operator P. O. Box 1418, Carlsbad, New Mexico 88220		10. Field and Pool, or Wildcat Wildcat	
4. Location of Well UNIT LETTER C LOCATED 1980 FEET FROM THE West LINE AND 660 FEET FROM THE North LINE OF SEC. 3 TWP. 24S RGE. 27E NMPM		12. County Eddy	
19. Proposed Depth 12,700		19A. Formation Morrow	
20. Rotary or C.T. C.T. & Rotary		21. Elevations (Show whether DF, RT, etc.) 3173.2	
21A. Kind & Status Plug. Bond Blanket		21B. Drilling Contractor Brininstool	
22. Approx. Date Work will start As soon as possible			

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"	54#	450'		Circulate
12 1/4"	9 5/8"	36#	6150'	950 sacks	
8 3/4"	7"	26#, 29#, 32#	12700'		

Drill 17 1/2" hole to 450', set 13 3/8" casing and circulate cement to surface
Continue drilling 12 1/4" hole to 6150', set and cement 9 5/8" casing and then
drill to an approximate depth of 12,700' to test the Morrow formation.
Blowout preventers will be used below surface casing.

APPROVAL VALID
FOR 90 DAYS UNLESS
DRILLING COMMENCED,

EXPIRES 2-11-75

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 Walter R. Jones Title Agent Date 11/8/74

(This space for State Use)

APPROVED BY W. A. Grasset TITLE OIL AND GAS INSPECTOR DATE NOV 11 1974

CONDITIONS OF APPROVAL, IF ANY: