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NEW MEXICO OIL CONSERVATION COMMISSION

API # 30-021-20045

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 OIL WELL ☐ GAS WELL ☒ DEEPEN ☐ PLUG BACK ☐ Carbon Dioxide SINGLE ZONE ☒ MULTIPLE ZONE ☐		8. Farm or Lease Name Mitchell	
2. Name of Operator AmeriGas Inc. SEC Div.		9. Well No. 20	
3. Address of Operator P.O. Box 9737 El Paso, Texas 79987		10. Field and Pool, or Wildcat Mitchell CO ₂ (S Bueyeros)	
4. Location of Well UNIT LETTER K LOCATED E-1650 FEET FROM THE W LINE N-1980 S 5 18N 30E NMPM		12. County Harding	
21. Elevations (Show whether D.R., K.L., etc.) GL 4415		21A. E.D. & D.B. (See Form 1000) Blanket	21B. Drilling Contractor KTM Drilling; Guymon, Ok.
21C. Proposed Depth 2065		21D. Formation Abo	21E. Rotary or C.T. Rotary
22. Approx. Date Work will start 10/23/78			

23.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12 1/4"	8 5/8"	24#	150'	150	Surf.
7 7/8"	5 1/2"	14#	2065'	580	Surf.

Drill to 170' and set 150', 8 5/8", 24# casing. Cement w/150 sacks cement (Lone Star type H) w/3% cal. Chlor. Cement circulated to surface. Pressure plug to 200 psi for 8 hours. W.O.C. - 12 hours; pressure test to 600 psi.

Drill to 2065' and set 2063' of 5 1/2", 14# casing. Cement w/580 sacks cement (50/50 Howco Pozmix) w/4% gel. Cement circulated to surface. Pressure plug to 1000 psi, plug down. W.O.C. (to complete at later date).

COLLECT AND SACK SAMPLES FOR
NEW MEXICO BUREAU OF MINES, SO AND
AT AT LEAST TEN FOOT INTERVALS

APPROVAL VALID FOR 90 DAYS
PERMIT EXPIRES 1-22-79
UNLESS DRILLING UNDERWAY

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 <u>[Signature]</u> (This space for State Use)	Title <u>Manager of Carbon Dioxide Prod.</u>	Date <u>10/20/78</u>
APPROVED BY <u>Carl Wang</u>	TITLE <u>SENIOR PETROLEUM GEOLOGIST</u>	DATE <u>10/24/78</u>
CONDITIONS OF APPROVAL, IF ANY:		

