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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 <input type="checkbox"/>	FEE <input checked="" type="checkbox"/>

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 <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> Carbon Dioxide SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		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 <sub>2</sub> (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:		

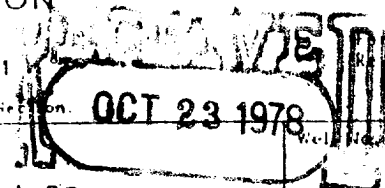
STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

All distances must be from the outer boundaries of the Section.



Form C-102  
Revised 10-1-78

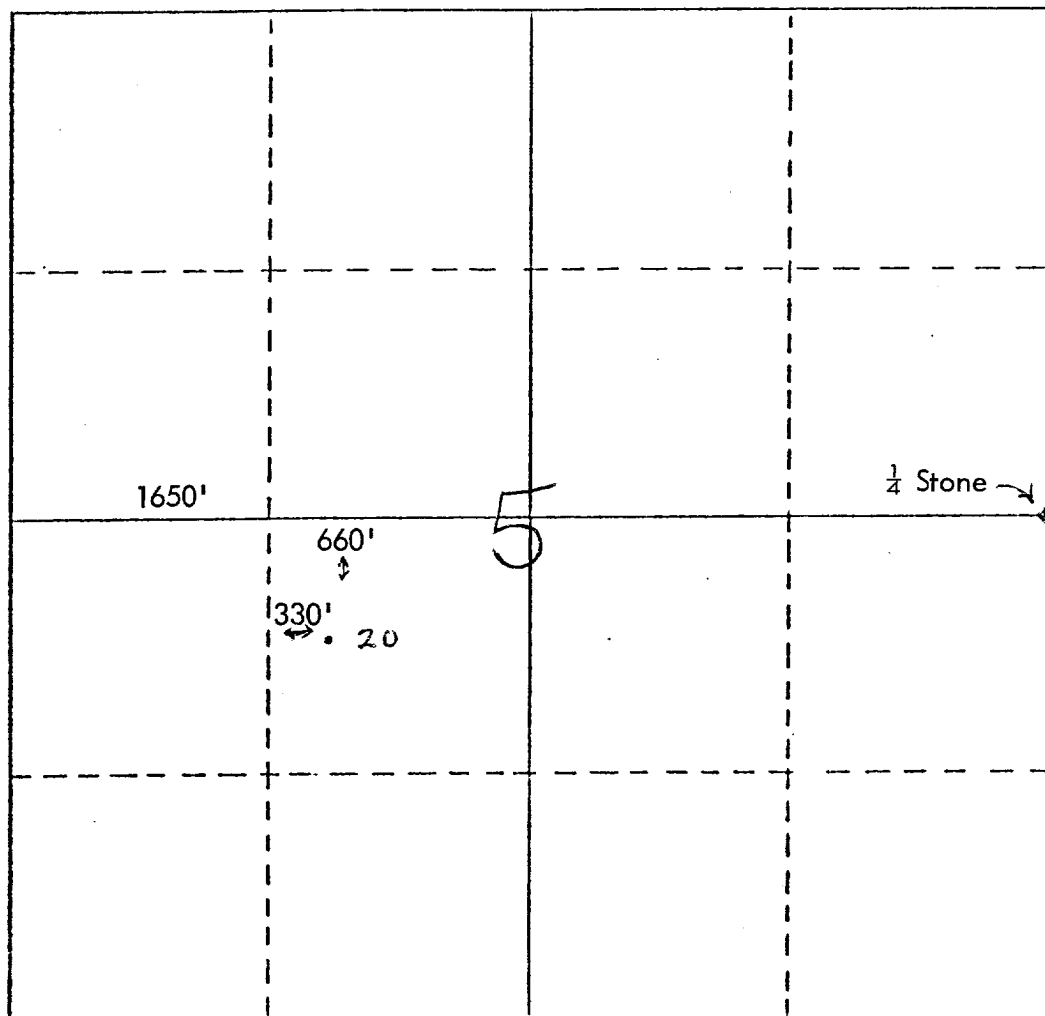
Operator <b>AmeriGas Inc. SEC Div.</b>		Lease <b>Mitchell</b>		Well No. <b>20</b>	
Unit Letter <b>K</b>	Section <b>5</b>	Township <b>18N</b>	Range <b>30E</b>	County <b>CONSERVATION COMM. Harding Santa Fe</b>	
Actual Footage Location of Well: <b>E- 1650</b> feet from the <b>W</b> line and <b>N-1980</b> feet from the <b>S</b> line					
Ground Level Elev. <b>4415</b>	Producing Formation <b>Abo</b>	Pool <b>Mitchell CO<sub>2</sub>(S. Bueyeros)</b>		Dedicated Acreage: <b>160</b> Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation \_\_\_\_\_

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) \_\_\_\_\_

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Division.



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Name

**Mgr. of CO<sub>2</sub> Prod.**

Position

**AmeriGas Inc. SEC Div.**

Company

**10/20/78**

Date

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed

Registered Professional Engineer  
and/or Land Surveyor

Certificate No.