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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101  
Revised 1-4-65

JUN 23 12 50 PM '69

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  
b. Type of Well DRILL  DEEPEN  PLUG BACK   
OIL WELL  GAS WELL  OTHER  SINGLE ZONE  MULTIPLE ZONE

2. Name of Operator  
Southwestern Natural Gas, Inc.

3. Address of Operator  
900 Building of the Southwest, Midland, Texas 79701

4. Location of Well  
UNIT LETTER L LOCATED 990 FEET FROM THE West LINE  
AND 2100 FEET FROM THE South LINE OF SEC. 23 TWP. 22-S RGE. 37-E NMPM

7. Unit Agreement Name

8. Farm or Lease Name  
Karoles

9. Well No.  
1

10. Field and Pool, or Wildcat  
~~UNDESIGNATED~~

12. County  
Lea

19. Proposed Depth  
7900'

19A. Formation  
Ellenburger

20. Rotary of C.T.  
Rotary

21. Elevations (Show whether DF, RT, etc.)  
3326 GR

21A. Kind & Status Plug. Bond  
Blanket Bond.

21B. Drilling Contractor  
Tom Brown Drilling Co.

22. Approx. Date Work will start  
6-30-69

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
11"	8 5/8"	20#	1120'	450 sx circ to surf.	
7 7/8"	5 1/2"	15.5#	7900'	300 sx *	

1. Drill 11" hole to 1120' in to top of anhydrite.
2. Set 8 5/8" casing at 1120' and cement with 450 sx, circ. to surface.
3. Drill 7 7/8" hole to 7900', run open hole logs and set 5 1/2" casing at 7900' and cement with 300 sx.

8 5/8 + 5 1/2

9-27-69

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 Jan M. Cummins Title Office Manager Date June 25, 1969

(This space for State Use)

APPROVED BY [Signature] TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

\*  
The salt

NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102  
Supersedes C-128  
Effective 1-1-65

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

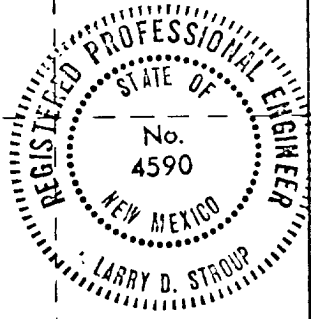
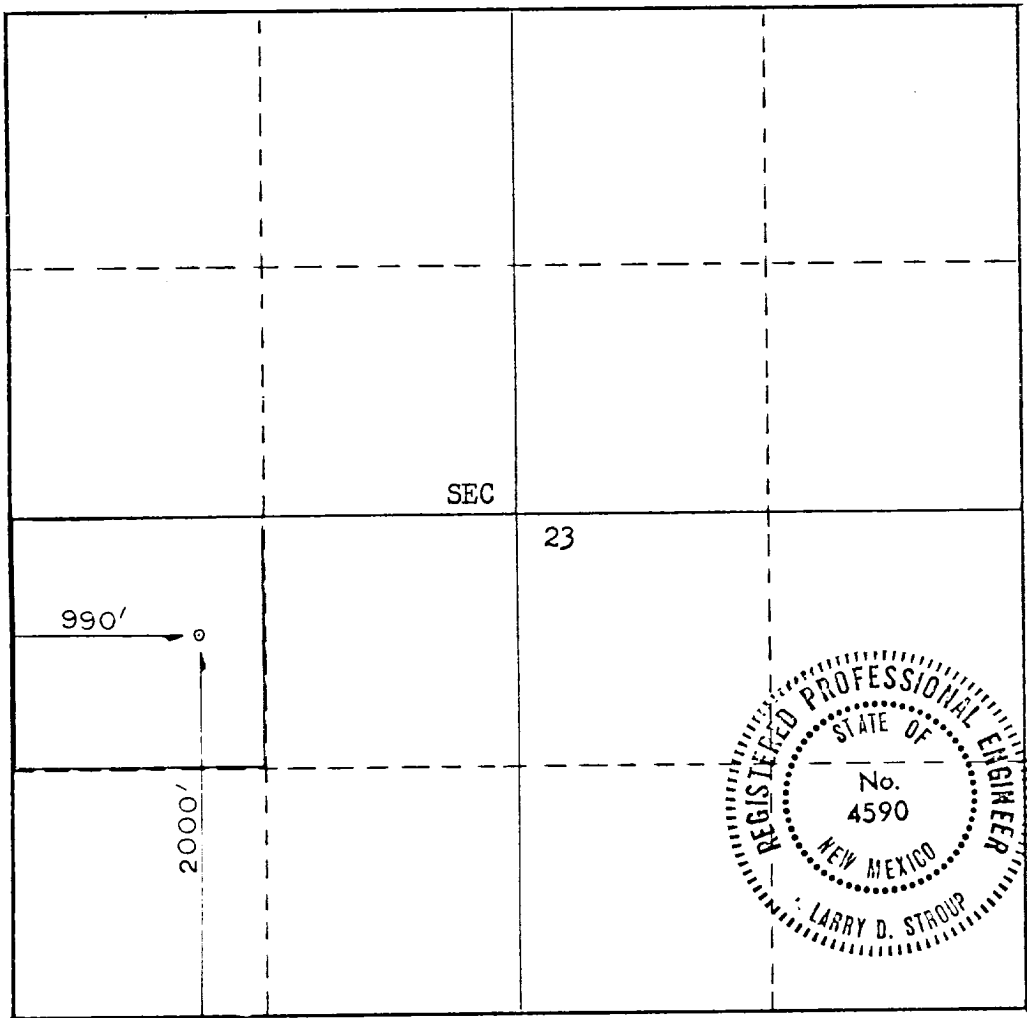
Operator <b>Southwestern Natural Gas, Inc.</b>		Lease <b>Karoles</b>		Well No. <b>1</b>
Unit Letter <b>L</b>	Section <b>23</b>	Township <b>22 South</b>	Range <b>37 East</b>	County <b>Lea</b>
Actual Footage Location of Well: <b>2000'</b> feet from the <b>South</b> line and <b>990'</b> feet from the <b>West</b> line				
Ground Level Elev. <b>3326</b>	Producing Formation <b>Ellenburger</b>	Pool <b>East Brunson</b>	Dedicated Acreage: <b>40</b> Acres	

- Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- 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 Commission.



CERTIFICATION

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

*Jan McCarron*

Name  
Jan McCarron

Position  
Office Manager

Company  
Southwestern Natural Gas, Inc.

Date  
June 23, 1969

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  
6-24-69

Registered Professional Engineer and/or Land Surveyor  
*Larry D. Stroup*

Certificate No.  
4590

