

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK  
DRILL ☒ DEEPEN ☐ PLUG BACK ☐

b. TYPE OF WELL  
OIL WELL ☒ GAS WELL ☐ OTHER ☐  
SINGLE ZONE ☒ MULTIPLE ZONE ☐

2. NAME OF OPERATOR  
Southwestern Natural Gas, Inc.

3. ADDRESS OF OPERATOR  
900 Bank of the Southwest Midland, Texas

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
At surface  
1980' FNL & 1980' FWL  
At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
16 Miles West of Milnesand, New Mexico

10. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 1980

16. NO. OF ACRES IN LEASE  
320

17. NO. OF ACRES ASSIGNED TO THIS WELL  
40

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 1320

19. PROPOSED DEPTH  
4600

20. ROTARY OR CABLE TOOLS  
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
4447 GR.

22. APPROX. DATE WORK WILL START\*  
Immediately

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	CASING DEPTH	QUANTITY OF CEMENT
11"	7"	23#	1700' ±	Sufficient to circulate
6-1/4"	4-1/2"	10.5#	4600' ±	150 Sks.

1. Drill 11" hole to top of Anhydrite (approx. 1700'), and cement 7" casing to surface (circulated).
2. Test casing to 1000 psi to 30 mins.
3. Drill 6-1/4" hole to 4600' and run 4-1/2", 10.5# casing to 4600' (proposed total depth) and cement w/150 sks cement.
4. Run temperature survey. Pressure test 4-1/2" casing to 1000 psi for 30 mins.
5. Deviation surveys will be made on every trip or 500 feet. Maximum deviation allowed is 6°.

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. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

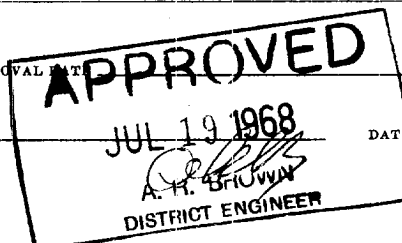
24. SIGNED M. D. Dunnivant TITLE Vice-President DATE July 18, 1968

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:



\*See Instructions On Reverse Side

NEW M CO 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 boundary of the Section.

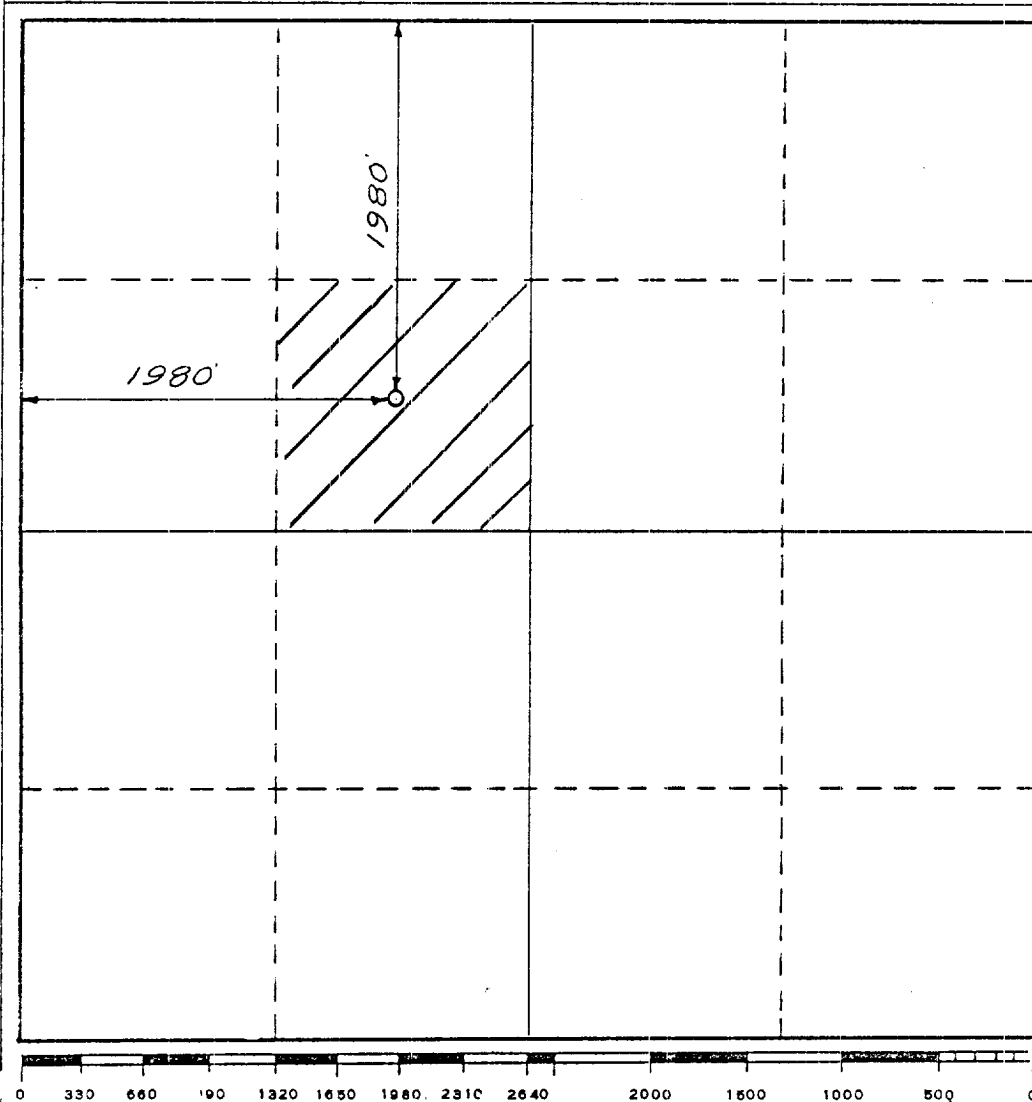
Operator Western States Producing Company		Lease Jul 23 11 16 AM '68		Well No. 2	
Unit Letter F	Section 35	Township 7-South	Range 32-East	County Roosevelt	
Actual Footage Location of Well: 1980 feet from the North line and 1980 feet from the West line					
Ground Level Elev. 2 ft. lower than WS #1-4447	Producing Formation GR	San Andres	Pool Chaveroo	Dedicated Acreage: 40 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hachure 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.) Farmout of leasehold

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.

*L. N. Dunnivant*  
Name  
L. N. Dunnivant  
Position  
Vice-President  
Company  
Western States Prod. Co.  
Date  
July 18, 1968

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  
June 17, 1968  
Registered Professional Engineer and/or Land Surveyor  
*James E. Elmer*  
Certificate No.  
1411