

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

30-145-2445-5

5. LEASE DESIGNATION AND SERIAL NO.  
SF 078622

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
Lively

9. WELL NO.  
17E

10. FIELD AND POOL, OR WILDCAT  
Basin Dakota

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Sec 1 T26N R8W

12. COUNTY OR PARISH  
San Juan

13. STATE  
NM

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  
Lively Exploration Co.

3. ADDRESS OF OPERATOR  
Box 208, Farmington, NM 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
At surface  
2300' FNL - 1180' FEL  
At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
22 miles southeast Blanco, NM

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)  
1180'

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.  
1990'

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
6204' GL

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8"	24#	230'	175 sx CIRCULATE
7-7/8"	4-1/2"	10.5#	6800'	950 sx

Plan to drill with mud to test the Basin Dakota Formation. Plan to run IES log to TD. If productive, plan to set 4-1/2" casing, cement in two stages, selectively perforate, frac, clean out after frac, run 1-1/2" tbg and complete well.

Plan to use BOP furnished by rig while drilling (10" 3000 psi hydraulic)

Plan to use BOP rental while completing (6" 3000 psi double gate manual)

NMERB: Gas Dedicated



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 Thomas A. Dugan TITLE Agent DATE 5-14-80

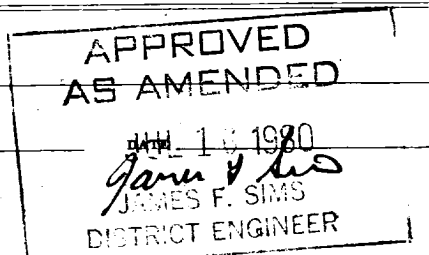
(This space for Federal or State office use)

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

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

CONDITIONS OF APPROVAL, IF ANY:

6041 C-104 for NSU  
ok 3/24



# WELL LOCATION AND ACREAGE DEDICATION PLAT

Supercedes C-128  
Effective 1-1-65

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

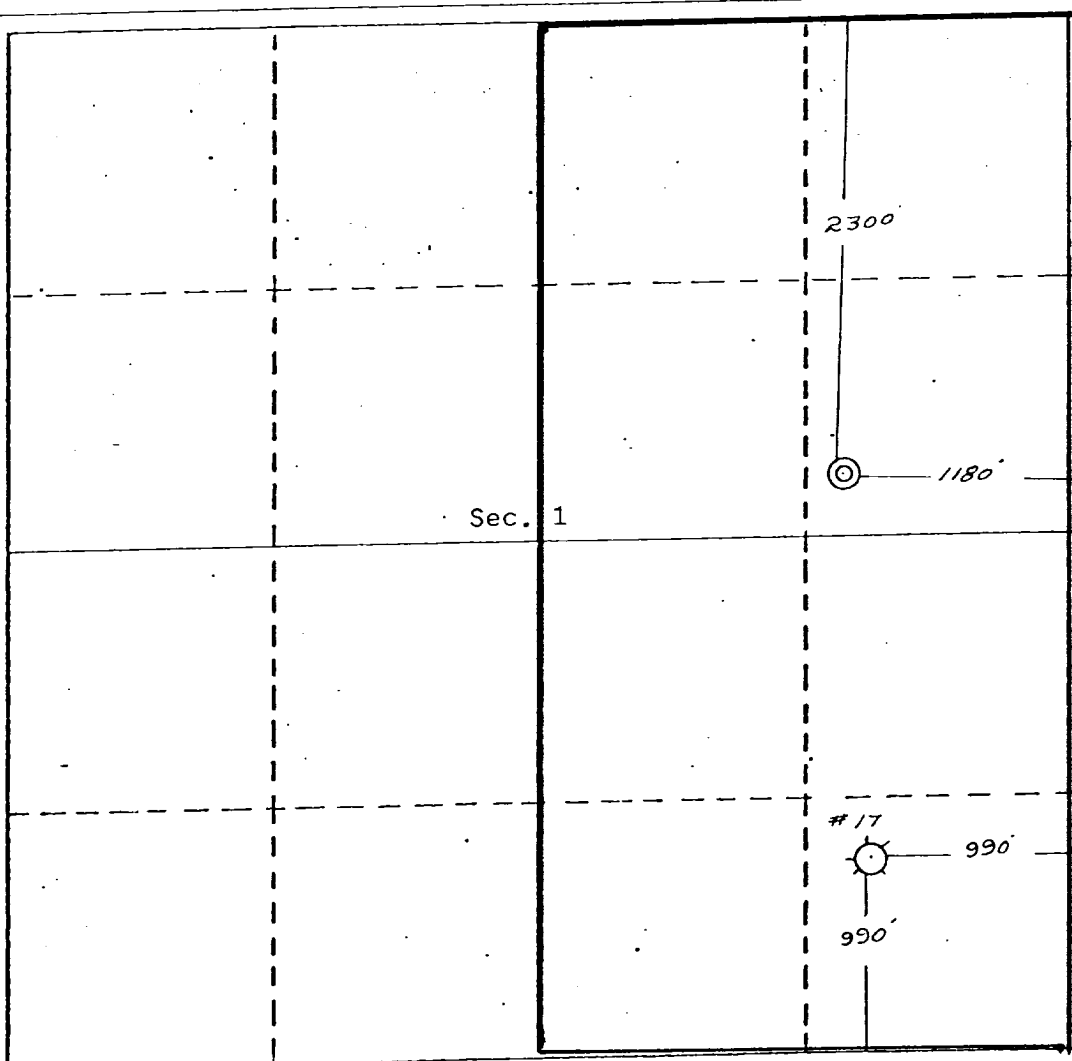
Operator Lively Exploration Company			Lease Lively		Well No. 17E
Unit Letter H	Section 1	Township 26 North	Range 8 West	County San Juan	
Actual Footage Location of Well:					
2300 feet from the North line and		1180 feet from the East line		Dedicated Acreage:	
Ground Level Elev. 6204	Producing Formation Dakota	Pool Basin	E/320.50 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 Commission.



## CERTIFICATION

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

*Thomas A. Dugan*  
Name  
Thomas A. Dugan

Position  
Agent

Company  
Lively Exploration Co.

Date  
5-14-80

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  
March 28, 1980

Registered Professional Engineer  
and/or Land Surveyor

*Edgar L. Risenhoover*  
Certificate No. 5979  
Edgar L. Risenhoover, L.S.