

Form 9-331 C
(May 1973)

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1425.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-045-21325

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 Company

3. ADDRESS OF OPERATOR

Box 234, Farmington, New Mexico 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)

At surface

990' FSL - 990' FEL

At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

22 miles southeast Blanco, New Mexico

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.
(Also to nearest drilg. unit line, if any)

990'

16. NO. OF ACRES IN LEASE

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.

200' est.

19. PROPOSED DEPTH

6625'

17. NO. OF ACRES ASSIGNED TO THIS WELL

320.58

20. ROTARY OR CABLE TOOLS

Rotary

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

6096' GR

22. APPROX. DATE WORK WILL START*

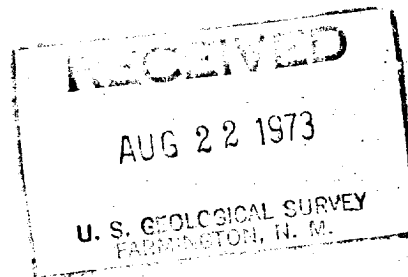
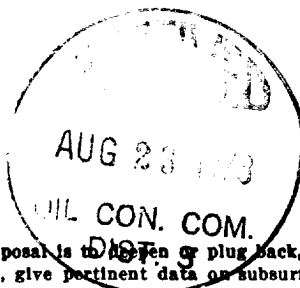
9-20-73

23.

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#	250'	175 sx
7-7/8"	4-1/2"	10.5#	6625'	900 cu ft in 2 stages

Drill well with mud to test Dakota formation, log well, run 4-1/2" casing, cement casing with 900 cu ft cement in two stages, selectively perforate, sand-water frac with 60,000# sand, clean out after frac, run 1-1/4" tubing and complete well.



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.

Original signed by T. A. Dugan

SIGNED

Thomas A. Dugan

TITLE

Engineer

DATE

8-20-73

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

Ta

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

**NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACERAGE DEDICATION PLAT**

All distances must be from the outer boundaries of the Section

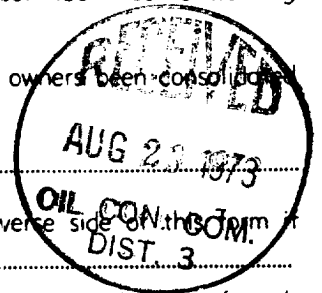
Operator Lively Exploration Company			Lease Lively		Well No. 17
Unit Letter P	Section 1	Township 26 North	Range 8 West	County San Juan	
Actual Footage Location of Well: <div style="display: flex; justify-content: space-between;"> 990 feet from the South line and 990 feet from the East line </div>					
Ground Level Elev. 6096	Producing Formation Dakota	Pool Basin Dakota	Dedicated Acreage: 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 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.

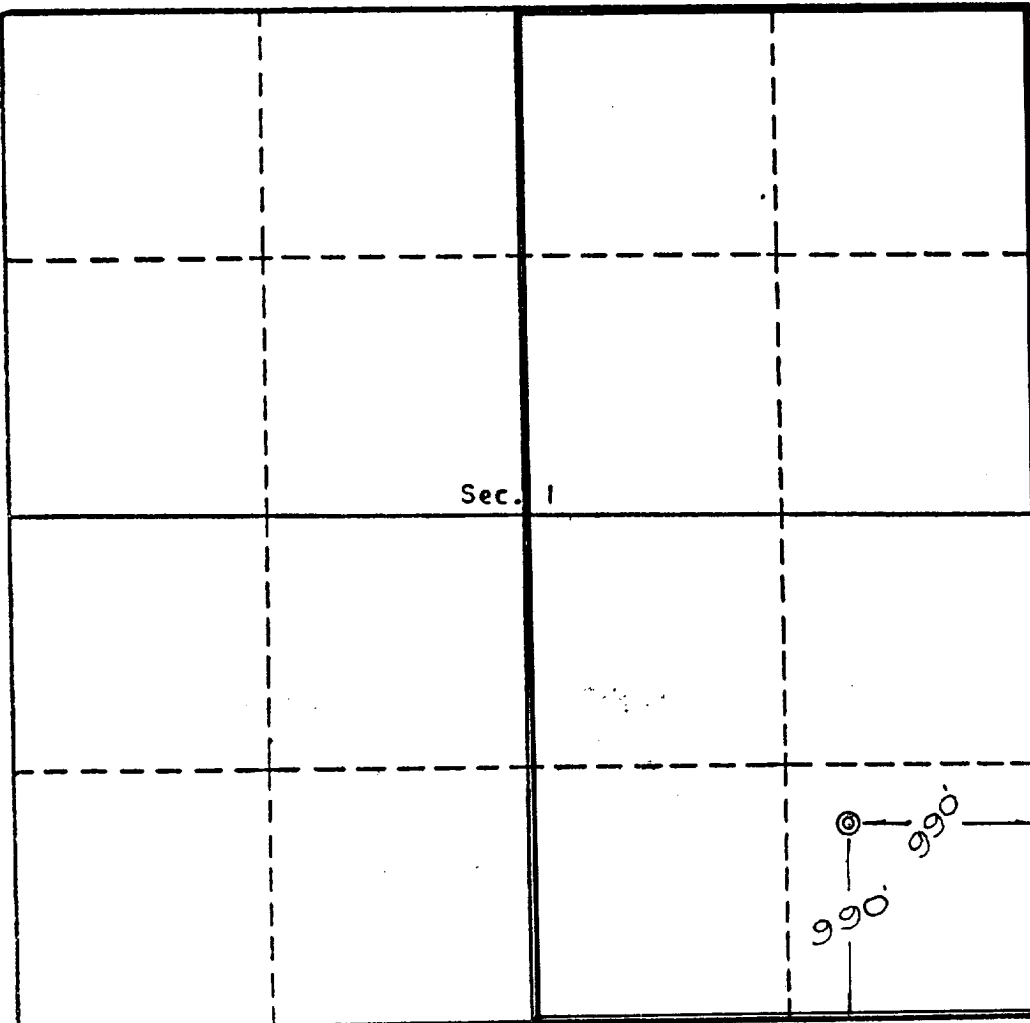
Original signed by **T. A. Dugan**

Name
Thomas A. Dugan
Position
Engineer
Company
Lively Exploration Company
Date
8-20-73

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
August 10, 1973
Registered Professional Engineer
and/or Land Surveyor

E. V. Echohawk
Certificate No. **3602**
E. V. Echohawk LS



Scale, 1 inch = 1,000 feet