

Form 9-331 C  
(May 1963)

SUBMIT IN TRIPLICATE\*  
(Other instructions on  
reverse side)

Form approved.  
Budget Bureau No. 42-R1425.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

30-045-21326

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 800' FSL - 1180' FWL  
At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
23 miles southeast Blanco, New Mexico

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 800'

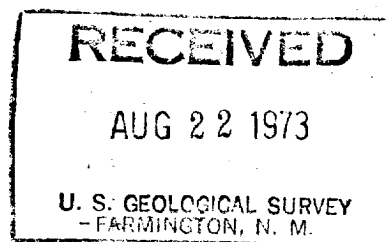
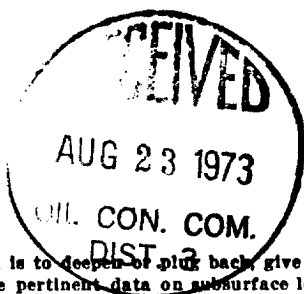
18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 1000' est.

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
6140' GR

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#	6675'	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 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

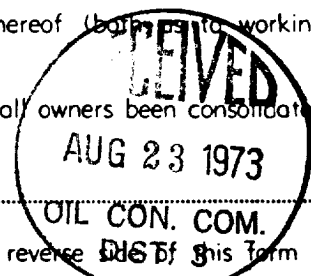
Operator <b>Lively Exploration Company</b>			Lease <b>Lively</b>		Well No. <b>18</b>
Unit Letter <b>M</b>	Section <b>I</b>	Township <b>26 North</b>	Range <b>8 West</b>	County <b>San Juan</b>	
Actual Footage Location of Well: <b>800</b> feet from the <b>South</b> line and <b>1180</b> feet from the <b>West</b> line					
Ground Level Elev. <b>6140</b>	Producing Formation <b>Dakota</b>		Pool <b>Basin Dakota</b>	Dedicated Acreage: <b>321.50</b> <del>320</del> 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 consolidated. (Use reverse 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.

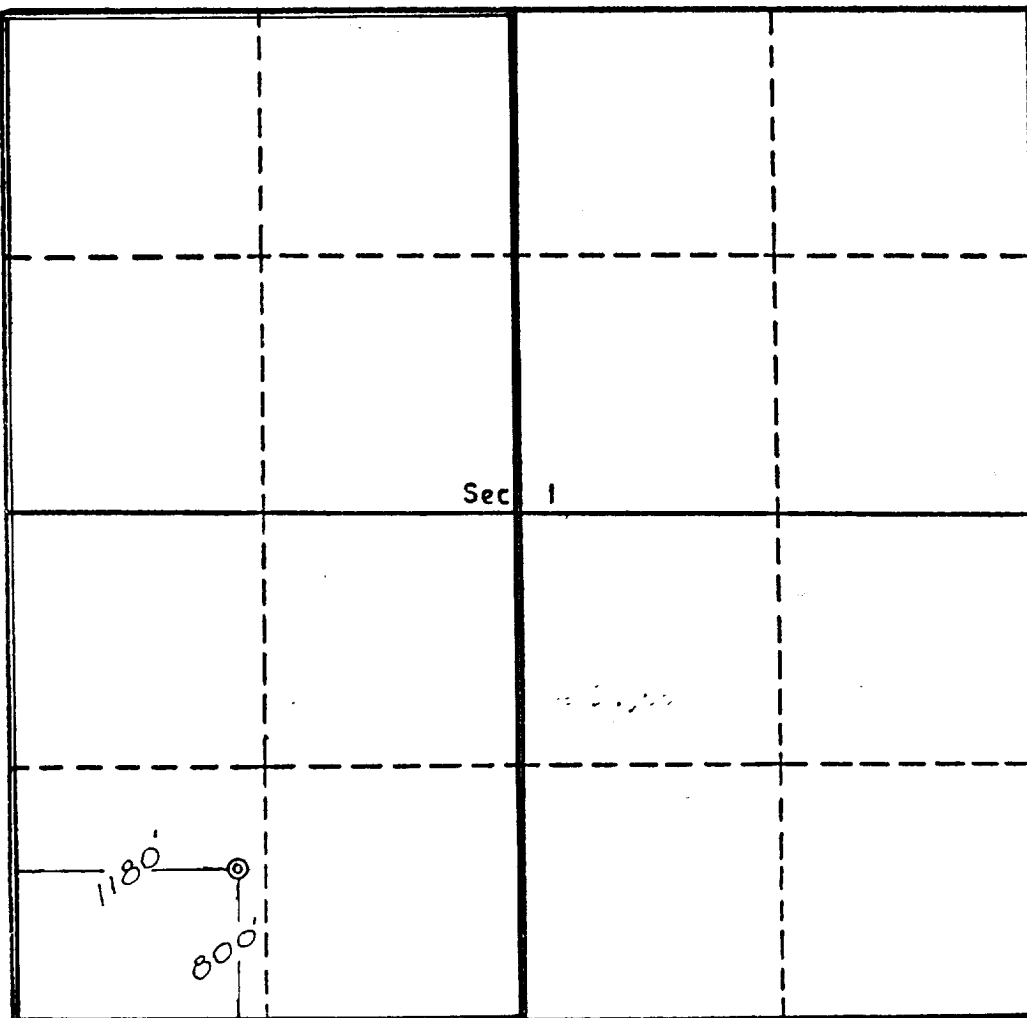
Original signed by **T. A. Dugan**

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 19, 1973**  
Registered Professional Engineer  
and/or Land Surveyor

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



Scale, 1 inch = 1,000 feet