

Form 9-331C
May 1963SUBMIT IN TRIPLICATE*
(Other instructions on
reverse side)Form approved.
Budget Bureau No. 42-R1425.

30-045-21584

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. SF 078499A
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR Lively Exploration Company		7. UNIT AGREEMENT NAME
3. ADDRESS OF OPERATOR Box 234, Farmington, New Mexico 87401		8. FARM OR LEASE NAME Lively
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 820' FSL — 830' FWL At proposed prod. zone		9. WELL NO. 28
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*		10. FIELD AND POOL, OR WILDCAT Basin Dakota
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 790'		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 9, T28N, R8W
16. NO. OF ACRES IN LEASE		12. COUNTY OR PARISH San Juan
17. NO. OF ACRES ASSIGNED TO THIS WELL 333.84		13. STATE NM
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 1500' approx		19. PROPOSED DEPTH 7150'
20. ROTARY OR CABLE TOOLS Rotary		21. APPROX. DATE WORK WILL START* 11-1-74
22. ELEVATIONS (Show whether DF, RT, GR, etc.) 6241' GR		

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
13-3/4"	9-5/8"	32.30#	250'	225 cu ft
8-3/4"	7"	20#	2950'	600 cu ft
6-1/4"	4-1/2"	10.5#	7150'	600 cu ft

Plan to drill with water or minimum mud to 2950', set 7" intermediate casing, and cement with 600 cu ft cement. Drill 6-1/4" hole with gas to TD to test Dakota formation. Run 4-1/2" production casing through Dakota, selectively perforate and sand-water frac, clean out, run 1-1/4" tubing, and complete well.

Order R1514 Thoctus



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	Original signed by J. A. Dugan Thomas A. Dugan	TITLE	Engineer	DATE	9-30-74
(This space for Federal or State office use)					
PERMIT NO.	APPROVAL DATE				
APPROVED BY	TITLE		DATE 8-1974		
CONDITIONS OF APPROVAL, IF ANY:					

*See Instructions On Reverse Side

**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.

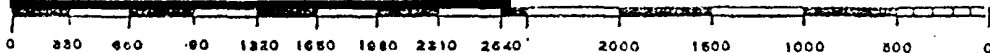
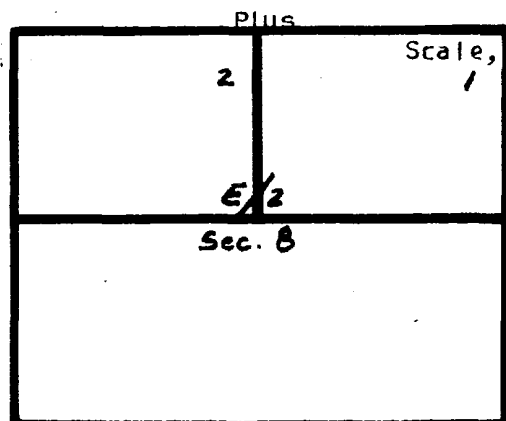
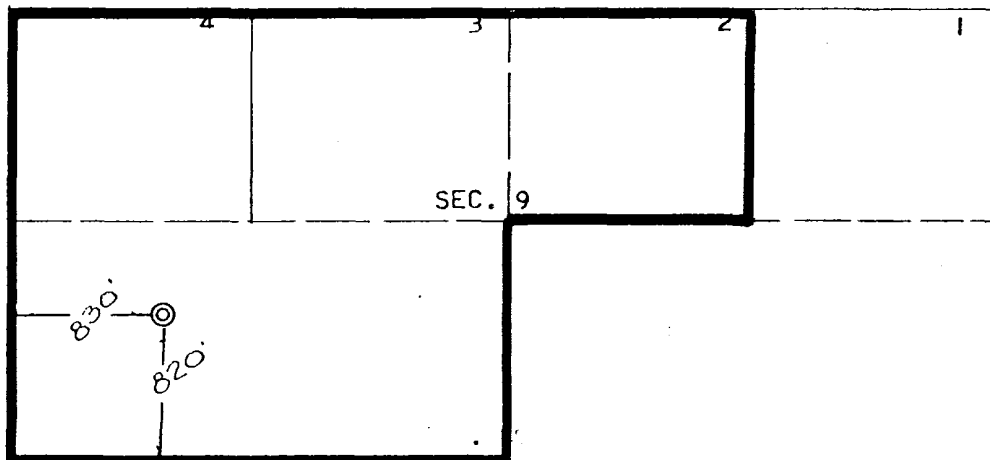
Operator Lively Exploration Company			Lease Lively		Well No. 28
Unit Letter M	Section 9	Township 28 North	Range 8 West	County San Juan	
Actual Footage Location of Well: <div style="display: flex; justify-content: space-between;"> 820 feet from the South line and 830 feet from the West line </div>					
Ground Level Elev. 6241	Producing Formation Dakota	Pool Basin		Dedicated Acreage 333.84 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.) _____

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.



*order
R1214
Tr. 25*

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
9-30-74



Date Surveyed
August 28, 1974

Registered Professional Engineer and/or Land Surveyor

E. V. Echobaw

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