

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

30-045-21747

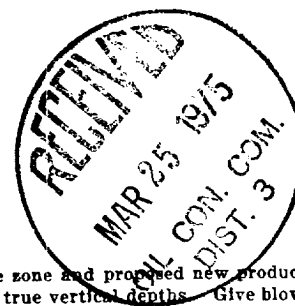
## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

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 078414-A
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 800' FSL — 1080' FWL At proposed prod. zone		9. WELL NO. 26
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 10 miles east Blanco, New Mexico		10. FIELD AND POOL, OR WILDCAT Basin Dakota
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any) 790'	16. NO. OF ACRES IN LEASE	11. SEC., T., R., M., OR BLE. AND SURVEY OR AREA Sec. 7, T29N, R8W
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 1000' approx	19. PROPOSED DEPTH 7360'	12. COUNTY OR PARISH San Juan
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 6366' GR		13. STATE NM
23. PROPOSED CASING AND CEMENTING PROGRAM		17. NO. OF ACRES ASSIGNED TO THIS WELL 341.88
		20. ROTARY OR CABLE TOOLS Rotary
		22. APPROX. DATE WORK WILL START* 3-25-75

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
13-3/4"	9-5/8"	32.30#	200'	200 cu ft
8-3/4"	7"	20#	3175'	600 cu ft
6-1/4"	4-1/2"	10.5#	7360'	600 cu ft

Plan to drill with water or minimum mud to 3175', 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 thru Dakota, selectively perforate and sand-water frac, clean out, run 1-1/4" tubing and complete well.

R-4863



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 Thomas A. Dugan TITLE Petroleum Engineer DATE 3-21-75  
SIGNED Thomas A. Dugan  
(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_  
APPROVED BY [Signature] TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

MAR 24 1975

U. S. GEOLOGICAL SURVEY

NWU R-4863  
AL 9.10.11-12 Sec 7 \*See Instructions On Reverse Side  
Lots 12314 & E 1/2 W 1/2 Sec 18

NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102  
Supersedes C-128  
Effective 1-1-55

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

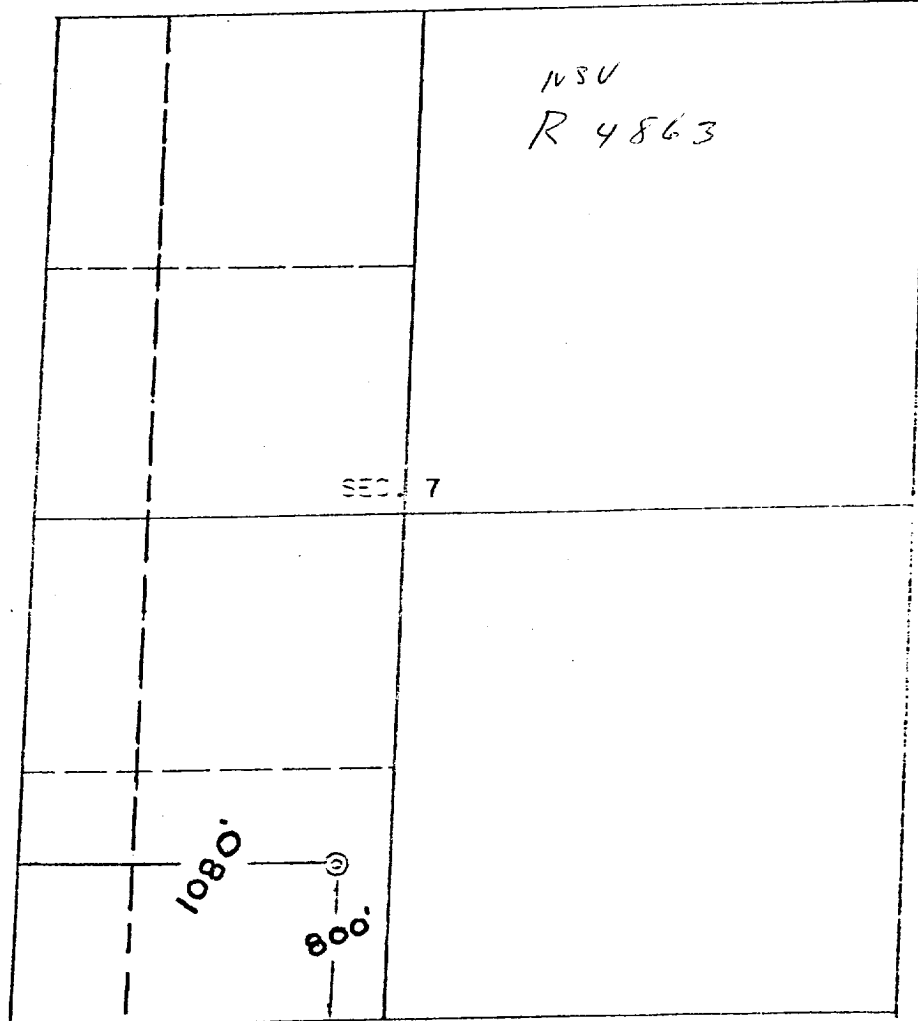
Operator <b>Lively Exploration Company</b>			Lease <b>Lively</b>		Well No. <b>26</b>
Unit Letter <b>N</b>	Section <b>7</b>	Township <b>29 North</b>	Range <b>8 West</b>	County <b>San Juan</b>	
Actual Footage Location of Well: <b>800</b> feet from the <b>South</b> line and <b>1080</b> feet from the <b>West</b> line					
Ground Level Elev. <b>6366</b>	Producing Formation <b>Dakota</b>	Pool <b>Basin</b>		Dedicated Acreage: <b>341.88</b> 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.

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

Name  
**Thomas A. Dugan**  
Position  
**Petroleum Engineer**  
Company  
**Lively Exploration Company**  
Date  
**3-21-75**

REGISTERED LAND SURVEYOR  
STATE OF NEW MEXICO  
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.  
**V. ECHOHAWK**

Date Surveyed  
**February 6, 1975**  
Registered Professional Engineer and/or Land Surveyor

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

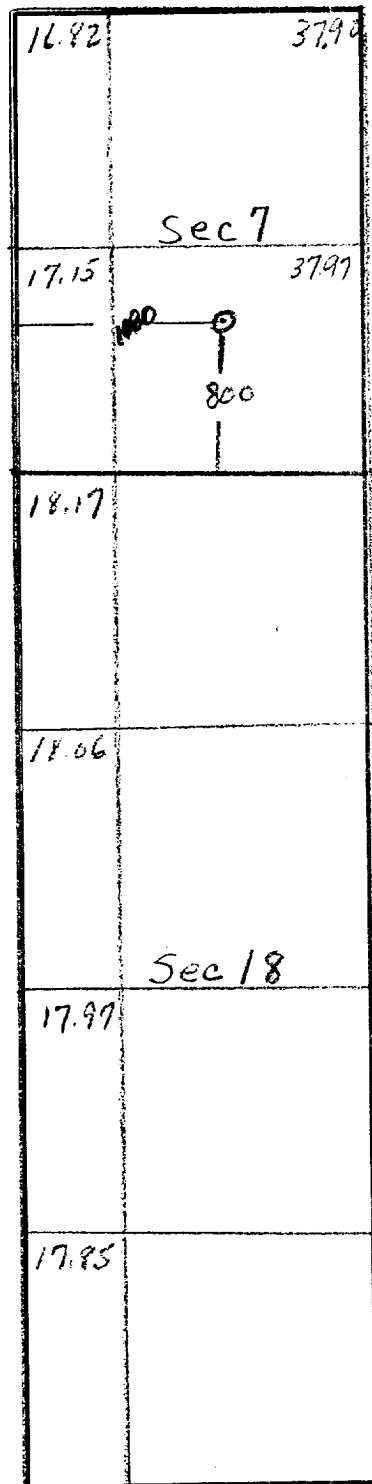
POST OFFICE BOX 234  
Zip Code 87401

TELEPHONE: 325-9184  
Area Code 505

# THOMAS A. DUGAN

Registered Professional Engineer

709 BLOOMFIELD RD.  
FARMINGTON, NEW MEXICO



## DEDICATED ACREAGE

SW/4 Sec. 7

W/2 Sec. 18

T29N, R8W

San Juan County, New Mexico