

Form 9-31C
(May '63)

SUBMIT IN TRIPPLICATE*

(Other instructions on
reverse side)Form approved.
Budget Bureau No. 42-R1425.

30-045-21579

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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

1800' FSL — 1050' FWL

At proposed prod. zone

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

6 miles northeast of Blanco, New Mexico

15. DISTANCE FROM PROPOSED*
LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.

(Also to nearest drilg. unit line, if any) 1050'

16. NO. OF ACRES IN LEASE

17. NO. OF ACRES ASSIGNED
TO THIS WELL

281.24

18. DISTANCE FROM PROPOSED LOCATION*

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

700' approx

19. PROPOSED DEPTH

7225'

20. ROTARY OR CABLE TOOLS

Rotary

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

5867' GR

22. APPROX. DATE WORK WILL START*

11-1-74

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#	200'	200 cu ft
8-3/4"	7"	20#	2935'	600 cu ft
6-1/4"	4-1/2"	10.5#	7225'	600 cu ft

Plan to drill with water or minimum mud to 2935', 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.

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 T. A. Dugan
Thomas A. DuganTITLE EngineerDATE 9-26-74

(This space for Federal or State office use)

PERMIT NO. _____

APPROVAL DATE _____

APPROVED BY _____

TITLE _____

CONDITIONS OF APPROVAL, IF ANY:

RECEIVED

DATE
SEP 30 1974U. S. GEOLOGICAL SURVEY
FARMINGTON, N. M.

*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 Exploration Company		Well No. 25
Unit Letter L	Section 29	Township 30 North	Range 8 West	County San Juan	
Actual Footage Location of Well: 1800 feet from the South line and 1050 feet from the West line					
Ground Level Elev. 5867	Producing Formation Dakota	Pool Basin Dakota	Dedicated Acreage: 281.24 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.

<p align="center">SEC. 29</p>	<p align="center">CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> <p>Original signed by T. A. Dugan</p> <table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>Name</td><td>Thomas A. Dugan</td></tr> <tr><td>Position</td><td>Engineer</td></tr> <tr><td>Company</td><td>Lively Exploration Company</td></tr> <tr><td>Date</td><td>9-26-74</td></tr> </table> <div style="text-align: center;"> </div> <table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>Date Surveyed</td><td>August 28, 1974</td></tr> <tr><td>Registered Professional Engineer and/or Land Surveyor</td><td>E.V. Echshaw</td></tr> <tr><td>Certificate No.</td><td>3602 E.V. Echshaw LS</td></tr> </table>	Name	Thomas A. Dugan	Position	Engineer	Company	Lively Exploration Company	Date	9-26-74	Date Surveyed	August 28, 1974	Registered Professional Engineer and/or Land Surveyor	E.V. Echshaw	Certificate No.	3602 E.V. Echshaw LS
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