

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

Ladd Petroleum Corp.

3. ADDRESS OF OPERATOR

Box 208, Farmington, NM 87401

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

At surface

820' FSL - 1660' FWL

At proposed prod. zone

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

5-1/2 miles southeast of Bloomfield, NM

15. DISTANCE FROM PROPOSED*

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

820'

18. DISTANCE FROM PROPOSED LOCATION*

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

3585'

16. NO. OF ACRES IN LEASE

19. PROPOSED DEPTH

6490'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

320

20. ROTARY OR CABLE TOOLS

Rotary

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

5844' GL

22. APPROX. DATE WORK WILL START*

ASAP

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#	880'	500 sx CIRCULATE
7-7/8"	4-1/2"	10.5#	6490'	980 sx

Plan to drill with mud to test Basin Dakota Formation. Plan to run IES log to TD. If productive, will set 4-1/2" casing, cement in two stages, selectively perforate, frac, clean out after frac, run 1-1/2" tbg and complete well.

Plan to use BOP furnished by rig while drilling (10" 8000 psi hydraulic)

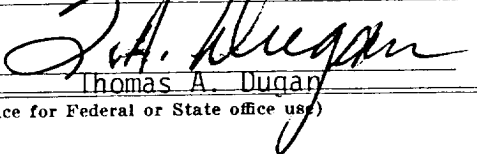
Plan to use BOP rental while completing (6" 3000 psi double gate manual)

Gas Dedicated.

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


Thomas A. Dugan

TITLE

Agent

DATE

2-27-80

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

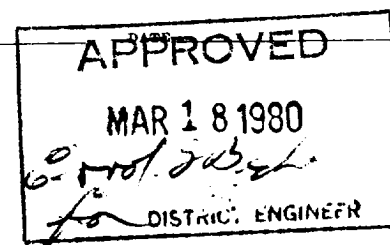
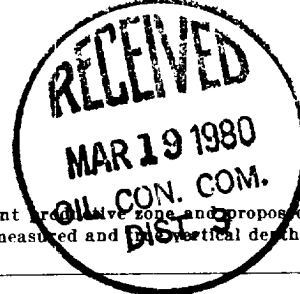
APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

NMOCC



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

Form C-102
Supersedes C-122
Effective 1-1-65

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

Operator Ladd Petroleum Corporation			Lease Knauff		Well No. B-1E
Unit Letter N	Section 31	Township 28 North	Range 10 West	County San Juan	
Actual Footage Location of Well:					
820	feet from the	South	line and	1660	feet from the West line
Ground Level Elev. 5844	Producing Formation Basin Dakota		Pool Fulcher Kutz		Dedicated Acreage: 320 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. 31</p>	<div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> <p align="center">RECEIVED</p> <p align="center">FEB 28 1980</p> <p align="center">U. S. GEOLOGICAL SURVEY FARMINGTON, N. M.</p> </div> <div style="border: 1px solid black; border-radius: 50%; padding: 10px; margin-bottom: 10px; text-align: center;"> <p>RECEIVED</p> <p>MAR 19 1980</p> <p>OIL CON. COM.</p> <p>DIST. 3</p> </div> <div style="border: 1px solid black; padding: 5px;"> <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 align="center"><i>Thomas A. Dugan</i></p> <p>Name _____</p> <p>Position Agent</p> <p>Company Ladd Petroleum Corp.</p> <p>Date 2-27-80</p> <div style="border: 2px solid black; border-radius: 50%; padding: 10px; margin: 10px auto; text-align: center;"> <p>REGISTERED LAND SURVEYOR</p> <p>EDGAR L. RISENHOVER</p> <p>NEW MEXICO</p> <p>1979</p> </div> <p>Date Surveyed February 23, 1980</p> <p>Registered Professional Engineer and/or Land Surveyor</p> <p align="center"><i>Edgar L. Risenhoover</i></p> <p>Certificate No. 5979</p> <p align="center">Edgar L. Risenhoover, L.S.</p> </div>
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