

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 Corporation

3. ADDRESS OF OPERATOR

830 Denver Club Building Denver, CO 80202

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

At surface

790' FNL; 790' FWL NW/4 NW/4

At proposed prod. zone

Same

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

7 miles NW of Farmington

10. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any) 790'

16. NO. OF ACRES IN LEASE

1008.52

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

141' (P&A)

19. PROPOSED DEPTH

1400

17. NO. OF ACRES ASSIGNED
TO THIS WELL

160

20. ROTARY OR CABLE TOOLS

Rotary

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

5586' ungraded gr.

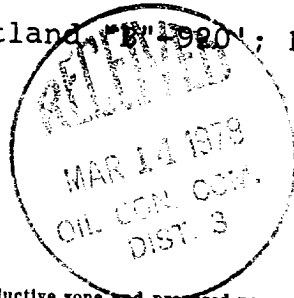
22. APPROX. DATE WORK WILL START*

On approval

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
9-7/8"	7-5/8"	24#	50'	35 sx Cl. "B" - 3% CaCl.
6-3/4"	4 1/2"	9.5#	1400'	225 cft--125 cft. Filler type & 100 cft. Cl. "B" - 2% CaCl.

Propose to set 7-5/8" surface casing w/spud mud--WOC-8 hrs. Install 6"-900 Hyd. BOP's & bleed off lines. Press. test to 600 psi--30 mins. Drill 6-3/4" hole w/native & light gel-chemical mud to 1400'. Run IES; CNL-FDC Logs. If adequate sands are present; to run 4 1/2" casing & cement; perforate; test; stimulate, if needed, potential gas bearing Fruitland-Pictured Cliffs Sands. Run 1 1/4" or larger tbq. for completion as warranted. Anticipated Formation Tops: Fruitland "A"-850'; Fruitland "B"-920'; Fruitland "C"-957'; Fruitland "D"-1010'; Pictured Cliffs-1200'.



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.

SIGNED John M. Matthews TITLE Drilling EngineerDATE March 8, 1978

(This space for Federal or State office use)

PERMIT NO. _____

APPROVAL DATE _____

APPROVED BY _____

TITLE _____

DATE _____

CONDITIONS OF APPROVAL, IF ANY: _____

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

Form C-102
Supersedes C-128
Effective 1-1-65

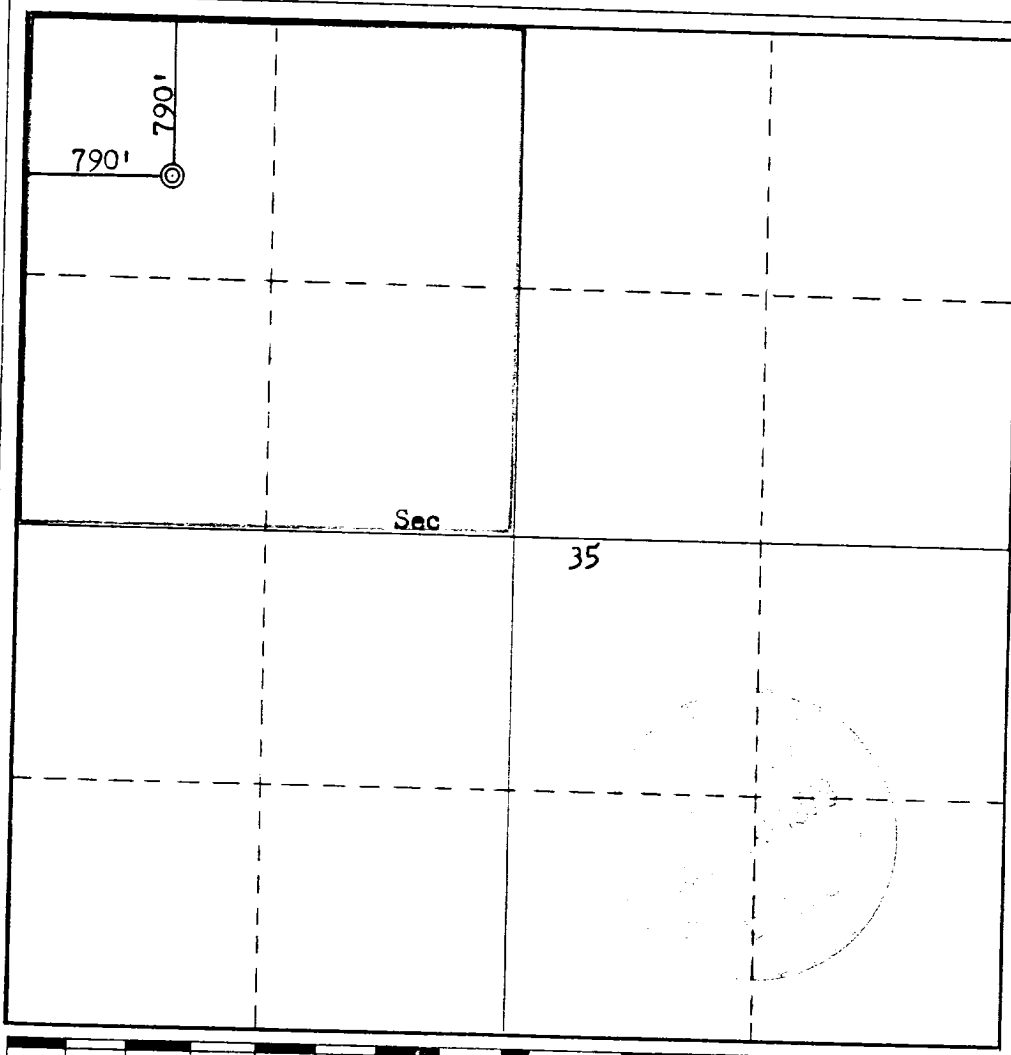
All distances must be from the outer boundaries of the Section.

Operator Ladd Petroleum Corporation			Lease Aztec 35		Well No. 3-5
Unit Letter D	Section 35	Township 30N	Range 11W	County San Juan	
Actual Footage Location of Well: 790 feet from the North line and 790 feet from the West line					
Ground Level Elev. 5586	Producing Formation Pictured Cliffs		Pool Harper Hill Field		Dedicated Acreage: 160 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 **only one lease with common ownership.**
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.

Name
William J. Kerr
Position
Engineer
Company
Ladd Petroleum Corp.
Date
March 7, 1978

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
February 16, 1978
Registered Professional Engineer and/or Land Surveyor
Fred B. Kerr Jr.
Certificate No.
2076

