

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-045-25390

5. LEASE DESIGNATION AND SERIAL NO.

NM-09867-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

N/A

7. UNIT AGREEMENT NAME

N/A

8. FARM OR LEASE NAME

Butte

9. WELL NO.

1-E

10. FIELD AND POOL, OR WILDCAT

Basin Dakota

11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREA

Sec. 18 T30N R13W

12. COUNTY OR PARISH

San Juan

13. STATE

New Mexico

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, Colorado 80202

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

At surface

600' FSL & 612' FWL (SE SW)

At proposed prod. zone

Same

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

Location is 8.8 miles Northwest of Farmington, New Mexico

15. DISTANCE FROM PROPOSED*

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

600'

16. NO. OF ACRES IN LEASE

2396.32

17. NO. OF ACRES ASSIGNED
TO THIS WELL

320

316.83

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

19. PROPOSED DEPTH

6400'

20. ROTARY OR CABLE TOOLS

Rotary

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

5803' GR

22. APPROX. DATE WORK WILL START*

As soon as possible

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
13 3/4 "	8 5/8" New	36# K-55 ST&C	950'	460 sx Class "B" + 2% CaCl ₂
7 7/8 "	4 1/2" New	10.5# K-55 ST&C	6400'	230 sx 65-35 poz + 8% gel ²
				150 sx 65-35 poz + 8% gel

1. Drill 13 3/4" hole and set 8 5/8" surface casing to 950' with good returns.
2. Log B.O.P. Checks in daily drill reports and drill 7 7/8" hole to 6400'.
3. Run tests if warranted and run 4 1/2" casing if productive.
4. Run logs, as needed, and perforate and stimulate as needed.

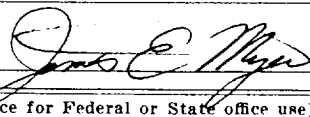
EXHIBITS ATTACHED:

"A" Location and Elevation Plat
"B" The Ten-Point Compliance Program
"C" The Blowout Preventer Diagram
"D" The Multi-Point Requirements for A.P.D.
"E" & "E₁" Access Road Maps to Location
"F" Radius Map of Field
"G" & "G₁" Drill Pad Layout, Production Facilities & Cut-Fill Cross-Section
"H" Drill Rig Layout

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



TITLE Drilling Engineer

DATE February 10, 1982

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

Hold E104 for NSC

R 2046 for NSP

h7

*See Instructions On Reverse Side

111000

APPROVED

AS AMENDED

DATE

MAY 13 1982

JAMES F. Felt
DISTRICT ENGINEER

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

Operator Ladd Petroleum		Lease NM-09867-A		Well No. #1 E Butte	
Unit Letter M	Section 18	Township 30^N	Range 13^W	County San Juan	
Actual Footage Location of Well: 600' feet from the South line and 612' feet from the West line					
Ground Level Elev. 5803'	Producing Formation Dakota	Pool Basin Dakota	Dedicated Acreage: 320 316.83 Acres		

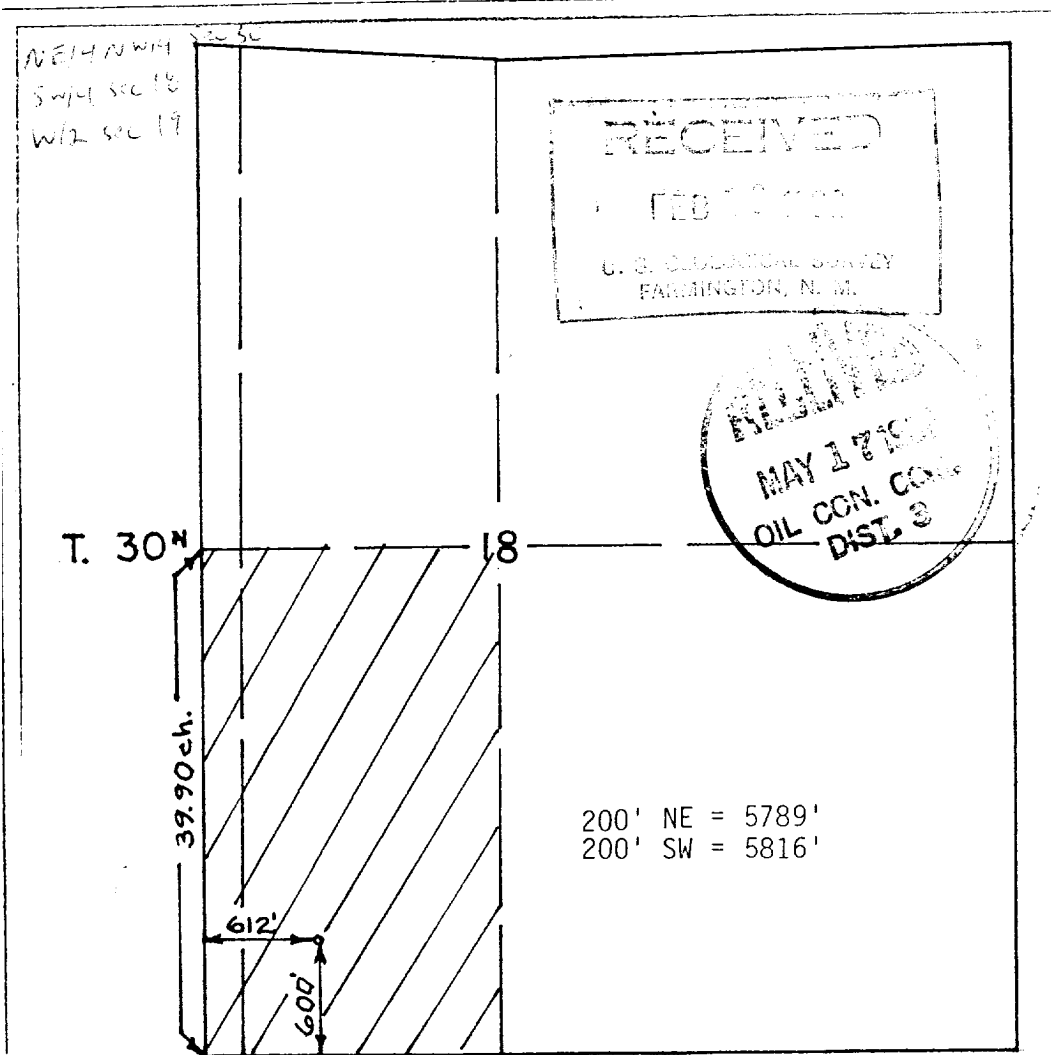
1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

Com SW103

☐ 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 Division.



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

George Lapaseotes
Name **George Lapaseotes**
Position **President, Powers Elevation**
Agent Consultant for

Company
Ladd Petroleum Corporation
Date
February 9, 1982

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 9, 1982
By
STANLEY G. HUDDLESTON
Professional Engineer
and Geologist
6844
Stanley G. Huddleston
Certification No. **444**

EXHIBIT "E₁"

Detail of Access Road

1. Location:
Ladd Petroleum Corporation
Butte #1E
SESW Sec. 18 T30N R13W
600' FSL & 612' FWL
San Juan County, New Mexico

Color Coding:

- Paved Highway
- Two Lane Field Road
- New Access Road

