

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYSUBMIT IN TRIP  
(Other instructions  
reverse side)

FE\*

Form approved.  
Budget Bureau No. 42-R1425.

30-025-27857

5. LEASE DESIGNATION AND SERIAL NO.  
LC 054687-1

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
Hudson Federal

9. WELL NO.  
# 2

10. FIELD AND POOL, OR WILDCAT  
Maljamar Grayburg-SA

11. SEC., T., R., M., OR BLK.  
AND SURVEY OR AREA  
Section 15, T-17S, R-32E

12. COUNTY OR PARISH  
Lea

13. STATE  
NM

## 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

Lynx Petroleum Consultants, Inc.

## 3. ADDRESS OF OPERATOR

P.O. Box 1666 Hobbs, NM 88240

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

At surface

1980' FNL &amp; 660' FWL Sec. 15, T-17S, R-32E

At proposed prod. zone

## 14. Same

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

1-1/2 miles south of Maljamar

## 15. DISTANCE FROM PROPOSED\*

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

660'

## 16. NO. OF ACRES IN LEASE

400

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

40

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

1320'

## 19. PROPOSED DEPTH

4200'

## 20. ROTARY OR CABLE TOOLS

Rotary

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

4021' GL

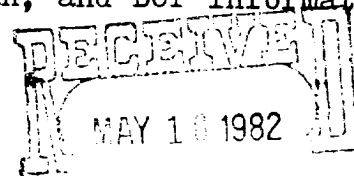
## 22. APPROX. DATE WORK WILL START\*

July 1, 1982

## 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#	850'	300 sx. circulate
7-7/8"	5-1/2"	15.5#	4200'	750 sx. circulate

It is proposed to drill a straight hole to a TD of 4200' to test the Maljamar Grayburg- San Andres formation. Casing will be run through the deepest zone that appears to be commercial. A normal completion is proposed, perforate, stimulate, and test. See attached "Supplemental Drilling Data", Surface Use Plan, and BOP information.



18. 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 Marc Wine TITLE President DATE 5/12/82

(This space for Federal or State office use)

PERMIT NO.

(Orig. Sgd.) GEORGE H. STEWART

APPROVAL DATE

APPROVED BY

JUL 7 1982

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

FOR

JAMES A. GRUBBS  
DISTRICT SUPERVISOR

RECEIVED

JUN 16 1982

O.C.D.  
HOBBY OFFICE