

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
RECEIVED

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☐DEEPEEN ☒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 1979, Hobbs, NM 88241

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

At surface 1980' FSL & 660' FWL

At proposed prod. zone Same

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

Six Miles Southwest of Monument, NM

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.

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

660'

18. DISTANCE FROM PROPOSED LOCATION*

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

1320'

16. NO. OF ACRES IN LEASE

960

19. PROPOSED DEPTH

4101'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

20. ROTARY OR CABLE TOOLS

Rotary

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

3630' GL

22. APPROX. DATE WORK WILL START*

September 13, 1993

23. No Change

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	28#	1399'	650 Circ to Surface
7 7/8	5 1/2	14#	3995'	888 TOC 1400'

Present Productive Zone: Perforations 3836-3972' - Penrose Formation

Proposal to Deepen:

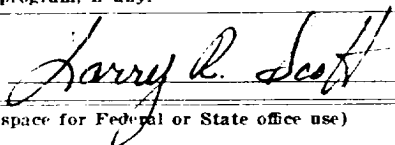
1. Drill 110' of new hole with 4 3/4" bit. Circulate hole clean.
2. Run GR-N with CCL from TD to 2700'.
3. Set 5 1/2" treating packer at + 3985'. Acidize open-hole section, 3996-4101', with 4000 gals. 15% HCL-NE-FE acid in three stages. Divert between stages with 500# rock salt.
4. Frac treat open-hole section.
5. Return well to production.

Proposed Productive Zone: Perforations 3836-3972' and New Open-hole Section, 3996-4101' - Penrose Formation

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

Vice President

DATE

9/9/93

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

9/10/93

CONDITIONS OF APPROVAL, IF ANY: