

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-043-20310

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
Beard Oil Company

3. ADDRESS OF OPERATOR
2000 Classen Center, Oklahoma City, OK 73106

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
At surface 1180' FSL & 830' FWL ✓
At proposed prod. zone same

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

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

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

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
6823 GL

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 (new) | 24 | 90' | 100 sacks |
| 6 3/4 | 4 1/2 (new) | 10.5 | 2500' | 200 sacks |

Drill 12 1/4" hole to 90' and set 8 5/8" casing as above. Install 6" 900 series BOP prior to drilling from under surface (schematic attached). A bit float and stabbing valve will be used.

Drill 6 3/4" hole to 2500' with mud properties as follows: wt. 9.0, w.l. 10, viscosity 35.

Open hole logs will consist of an IES and FDC-CNL with Gamma Ray Caliper.

Should the well prove commercial, 4 1/2" casing will be run and cemented as above. The location will be returned to U.S.G.S. specifications.

No abnormal temperatures, pressures, or dangerous conditions are expected.

Gas under this lease is not committed to a contract.

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 John Alexander TITLE Agent DATE 11-15-77
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:
OK

5. LEASE DESIGNATION AND SERIAL NO.
NM-25821
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME
8. FARM OR LEASE NAME
Chacra
9. WELL NO.
3
10. FIELD AND POOL, OR WILDCAT
Rusty Chacra est ✓
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec 24, T22N, R7W
12. COUNTY OR PARISH
Sandoval
13. STATE
New Mexico

M

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.

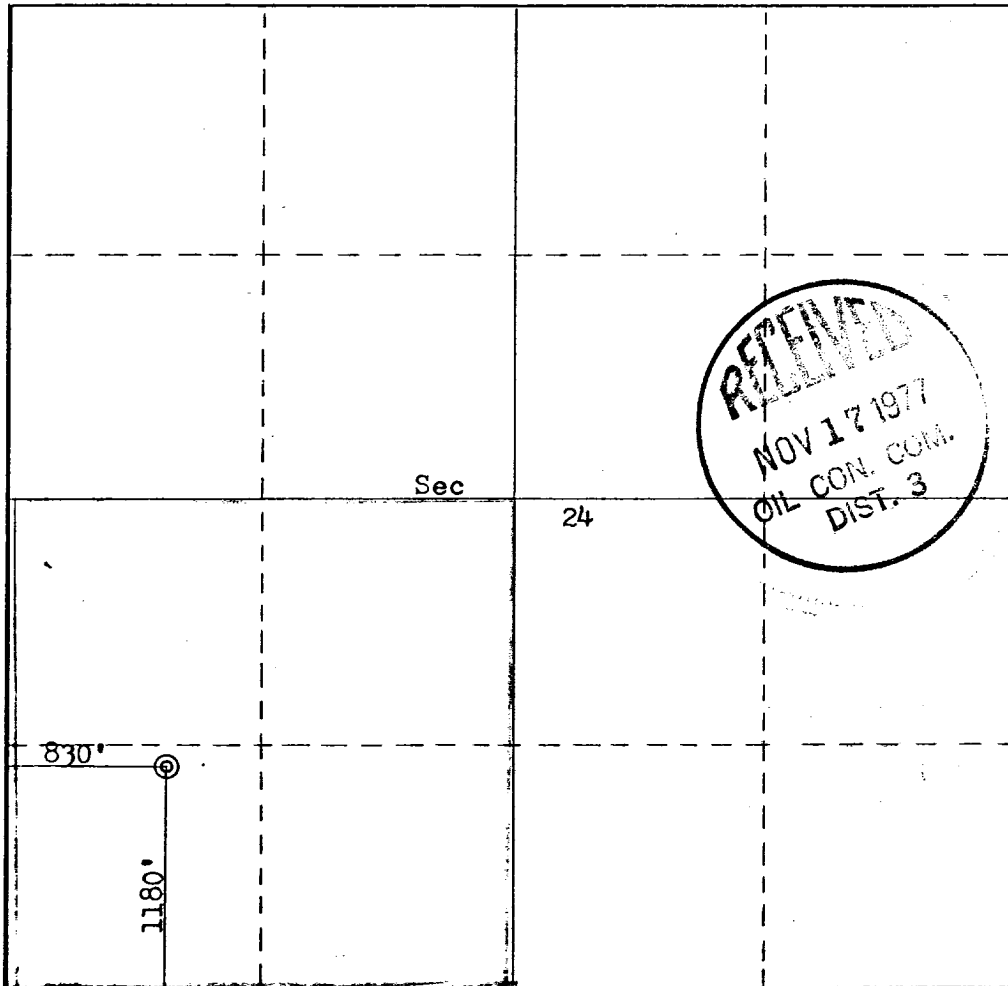
| | | | | | |
|---|--------------------------------------|------------------------|---|--|----------------------|
| Operator Beard Oil Company | | Lease Chacra | | | Well No. 3 |
| Unit Letter M | Section 24 | Township 22N | Range 7W | County Sandoval | |
| Actual Footage Location of Well: 1180 feet from the South line and 830 feet from the West line | | | | | |
| Ground Level Elev. 6823 | Producing Formation Chacra | | Pool Rusty Chacra Pool <i>ext</i> | 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 _____

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.

John Alexander
Name
John Alexander

Position
Agent

Company
Beard Oil Company

Date
November 14, 1977

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
November 9, 1977

Registered Professional Engineer and/or Land Surveyor

Fred B. Kerr Jr.
Fred B. Kerr Jr.

Certificate No.

3950

0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0