

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. NM-25821
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR Beard Oil Company		7. UNIT AGREEMENT NAME
3. ADDRESS OF OPERATOR 2000 Classen Center, Oklahoma City, OK 73106		8. FARM OR LEASE NAME Chacra
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 1160' FSL & 1600' FEL At proposed prod. zone same		9. WELL NO. 2
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*		10. FIELD AND POOL, OR WILDCAT Rusty Chacra <i>ex</i>
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec 21, T22N, R7W
16. NO. OF ACRES IN LEASE 800		12. COUNTY OR PARISH Sandoval
17. NO. OF ACRES ASSIGNED TO THIS WELL 160		13. STATE New Mexico
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 2500'		20. ROTARY OR CABLE TOOLS rotary
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 6757 GL		22. APPROX. DATE WORK WILL START* November 20, 1977

## 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.

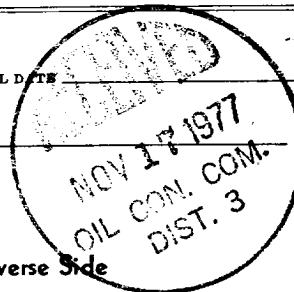
24. SIGNED John Alexander TITLE Agent DATE 11-15-77  
(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

*OK*

\*See Instructions On Reverse Side



**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.

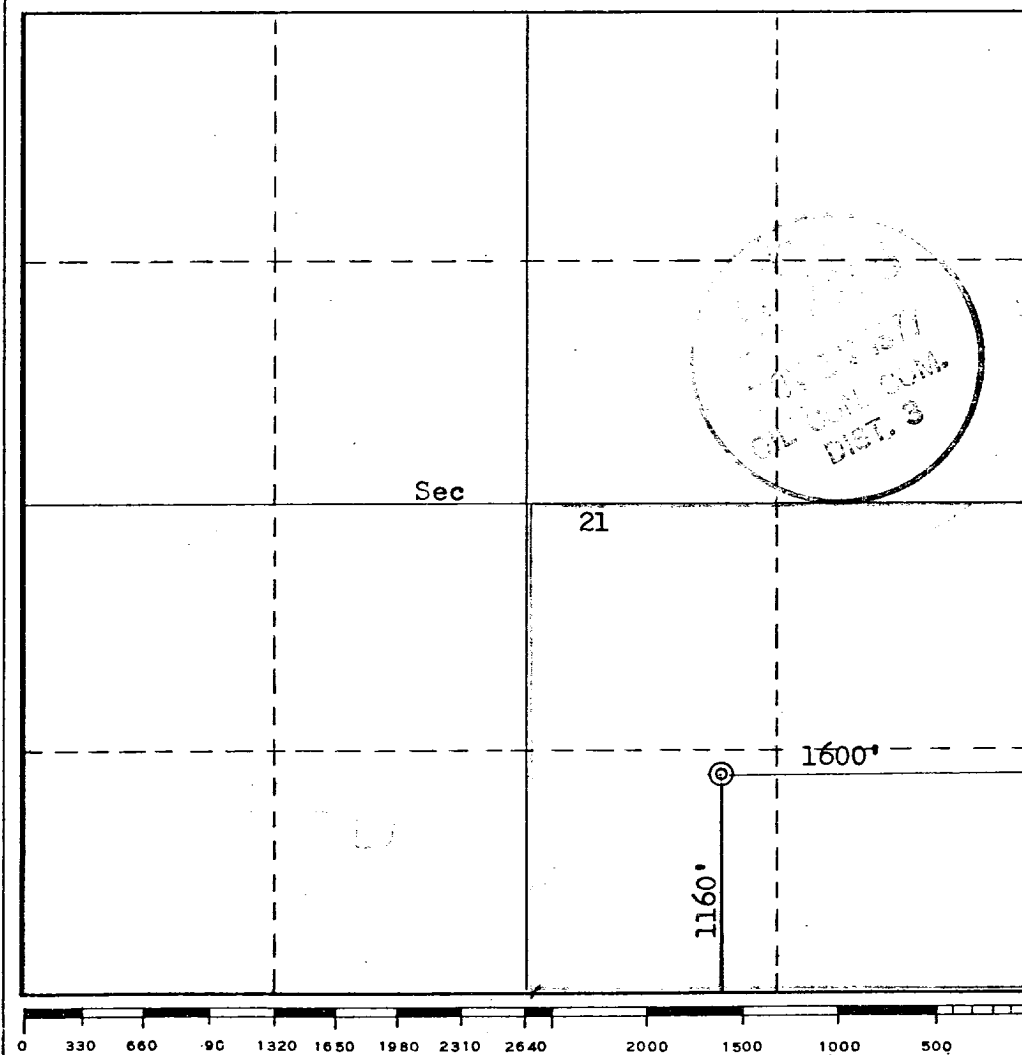
Operator <b>Beard Oil Company</b>			Lease <b>Chacra</b>		Well No. <b>2</b>
Unit Letter <b>0</b>	Section <b>21</b>	Township <b>22N</b>	Range <b>7W</b>	County <b>Sandoval</b>	
Actual Footage Location of Well: <b>1160</b> feet from the <b>South</b> line and <b>1600</b> feet from the <b>East</b> line					
Ground Level Elev. <b>6257</b>	Producing Formation <b>Chacra</b>		Pool <b>Rusty Chacra Pool ex +</b>		Dedicated Acreage: <b>160</b> 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