

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

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

1070' FNL & 880' 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.)

6852 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. specification.

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*  
John Alexander

TITLE

Agent

DATE

11-15-77

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

*OK*

*St.*

\*See Instructions On Reverse Side

30-043-2630  
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.

1

10. FIELD AND POOL, OR WILDCAT

Rusty Chacra

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

Sec 10, T22N, R7W

12. COUNTY OR PARISH

13. STATE

Sandoval

New Mexico

17. NO. OF ACRES ASSIGNED TO THIS WELL

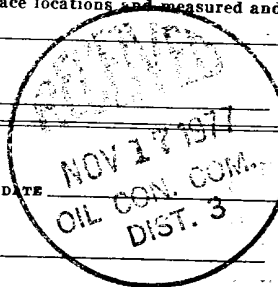
160

20. ROTARY OR CABLE TOOLS

rotary

22. APPROX. DATE WORK WILL START\*

November 20, 1977



**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>1</b>
Unit Letter <b>D</b>	Section <b>10</b>	Township <b>22N</b>	Range <b>7W</b>	County <b>Sandoval</b>	
Actual Footage Location of Well: <b>1070</b> feet from the <b>North</b> line and <b>880</b> feet from the <b>West</b> line					
Ground Level Elev. <b>6852</b>	Producing Formation <b>Chacra</b>		Pool <b>Rusty Chacra Pool</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**

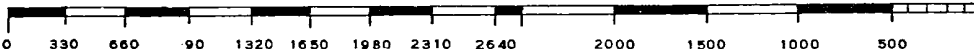
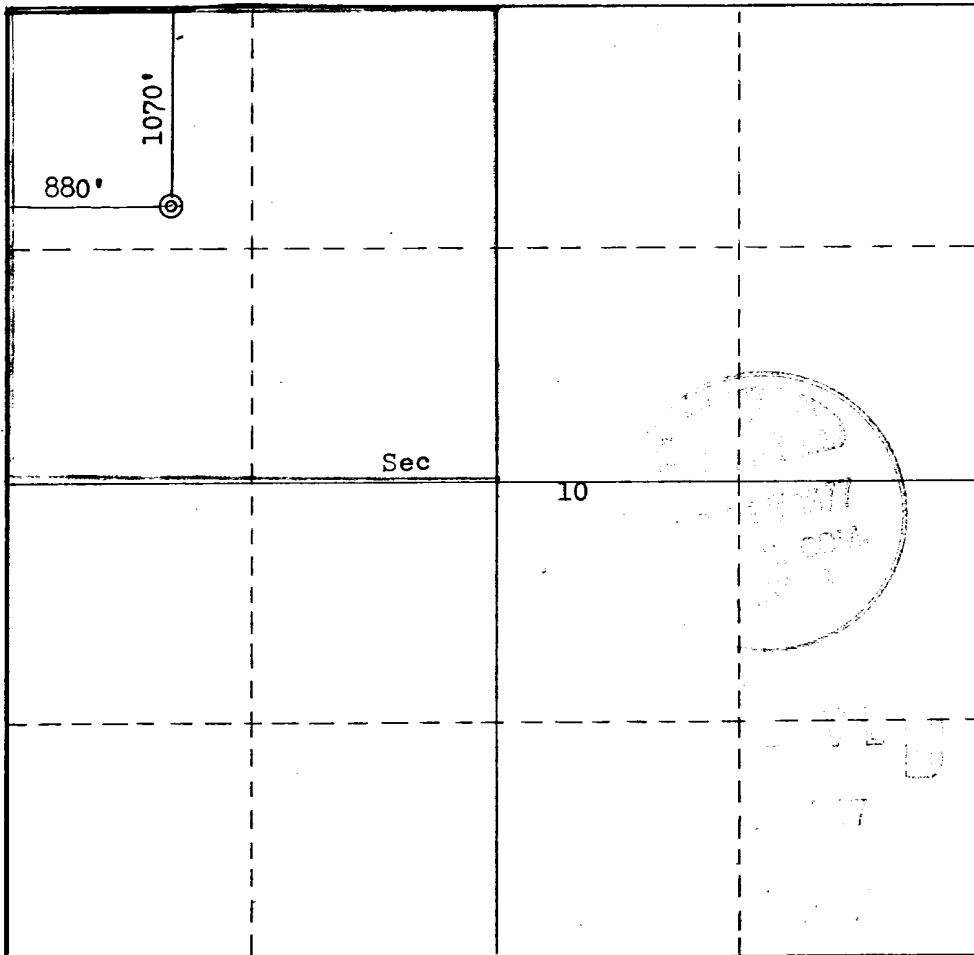
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed  
**November 9, 1977**

Registered Professional Engineer  
and/or Land Surveyor

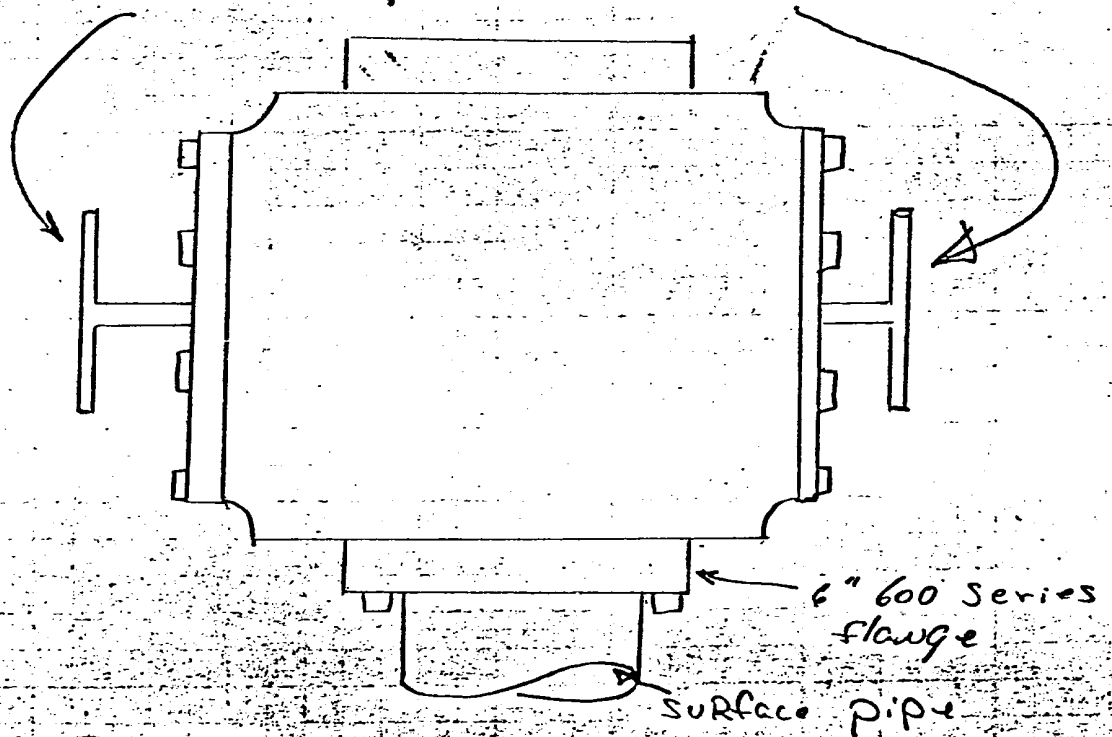
*Fred B. Kern Jr.*  
**Fred B. Kern Jr.**

Certificate No.  
**3950**



# Guiberson - Single Ram Type B.O.P

handles to manually close Rams



# 3E COMPANY, INC.

*Engineering • Energy • Exploration*

P. O. Box 190 — 505/327-4020

FARMINGTON, NEW MEXICO 87401

November 14, 1977

U.S. Department of Interior  
Geological Survey  
P.O. Box 1809  
Durango, CO 81301

Attention: Mr. Jerry Long  
District Engineer

RE: Development Plan for Surface Use  
Beard Oil Company  
Chacra #1  
1070' FNL & 880' FWL  
Sec 10, T22N, R7W  
Rusty Chacra Pool  
Sandoval County, New Mexico

Gentlemen:

Attached is the "Application for Permit to Drill" (form #9-331C) for the subject well. Also attached is the surveyor's plat, drill site plat, and vicinity map.

The development plan for surface use is as follows:

Points 1, 3, 4, 6, & 9 Vicinity map and drill site plat attached.

Point 2. Water bars will be used on all roads where necessary.

Point 5. Water for drilling will be trucked from Chapman's water hole, approximately 30 miles to the north.

Point 7. A waste disposal pit will be provided for garbage and trash. Its location is shown on the drill site plat. Drilling fluids will be contained in the reserve pit until such time as evaporation occurs and then pits will be covered.

Point 8. No camps or airstrip.

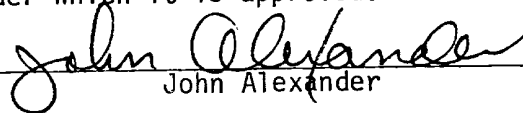
- Point 10. Should the well be a commercial producer, it will be equipped to facilitate producing operations with all drilling pits filled, location leveled and well site reseeded. During dry out time, reserve pit will be fenced to prevent livestock entry. All facilities will be painted grey; Federal Standard 595-36357.
- Point 11. This location is on a level area. Native vegetation including sagebrush and blue gramma are present. Access to the site will be made by approximately 200 feet of new road from an existing road to the west.

Point 12.

John Alexander  
3E Company, Inc.  
P.O. Box 190  
Farmington, New Mexico 87401  
Phone: 505-327-4020

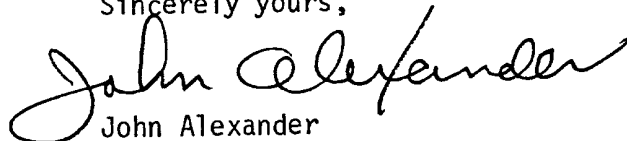
- Point 13. I hereby certify that I or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are to the best of my knowledge, true and correct; and, that the work associated with the operations proposed herein will be performed by Beard Oil Company and its contractors and sub-contractors in conformity with this plan and the terms and conditions under which it is approved.

November 14, 1977

  
John Alexander

Should further information be desired, please advise.

Sincerely yours,

  
John Alexander

JA:st

Attachments

# 3E COMPANY, INC.

*Engineering • Energy • Exploration*

P. O. Box 190 —:— 505/327-4020

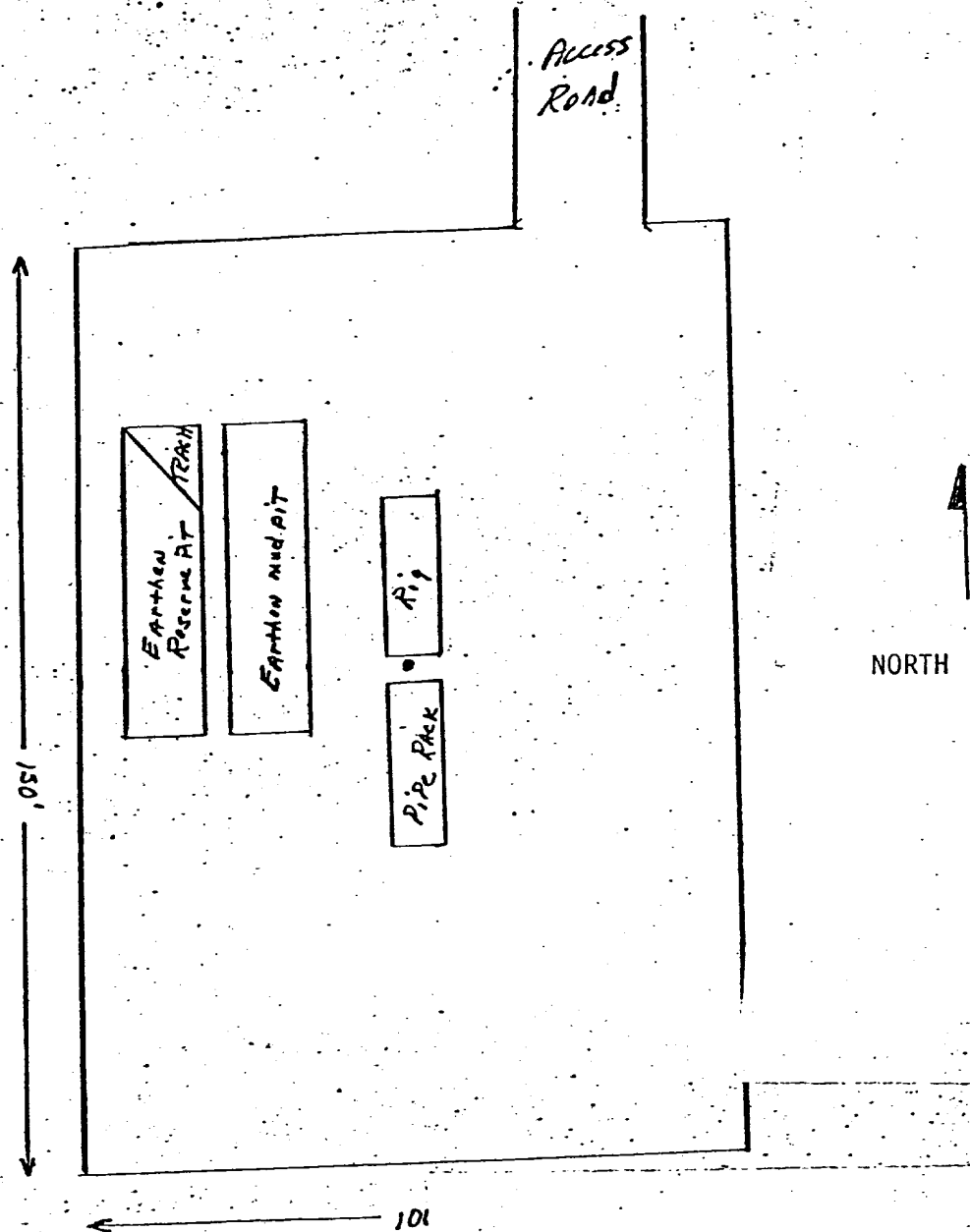
FARMINGTON, NEW MEXICO 87401

BEARD OIL COMPANY  
CHACRA #1  
1070' FNL & 880' FWL  
Sec 10, T22N, R7W  
Sandoval County, New Mexico

## GEOLOGIC MARKERS

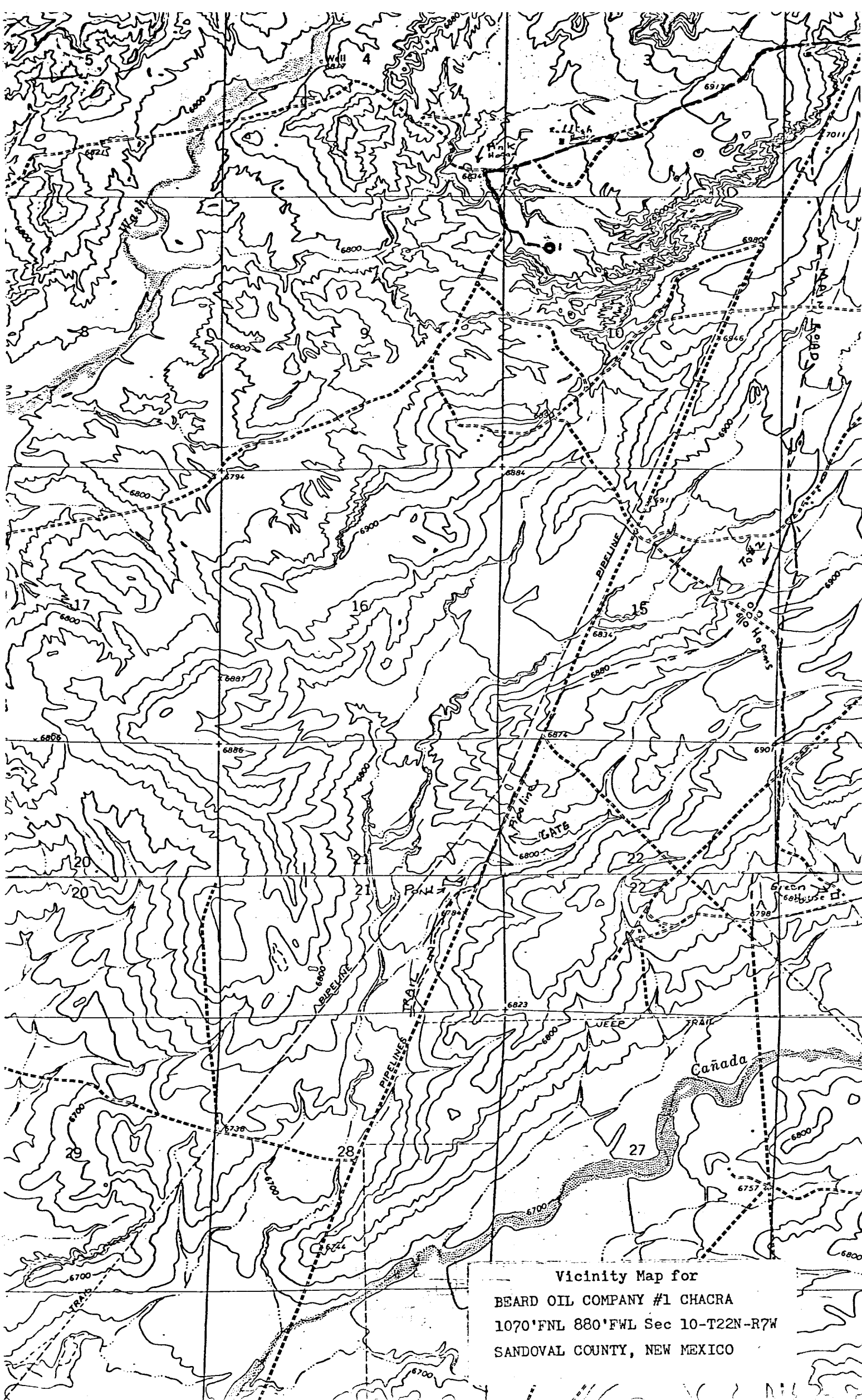
Ojo Alamo	476	(+6377)
Kirtland	695	(+6157)
Pictured Cliff	1153	(+5699)
Chacra	1525	(+5327)

# Well site PLAT



Scale 1" = 30'

BEARD OIL COMPANY  
 CHACRA #1  
 1070' FNL & 880' FWL  
 Sec 10, T22N, R7W  
 Rusty Chacra Pool  
 Sandoval County, New Mexico



Vicinity Map for  
BEARD OIL COMPANY #1 CHACRA  
1070'FNL 880'FWL Sec 10-T22N-R7W  
SANDOVAL COUNTY, NEW MEXICO