

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-043-20316

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, Oklahoma 73106

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
At surface
790' FSL and 790' FWL ✓
At proposed prod. zone
Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
10 Miles West of Lybrook, New Mexico

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any) 790'

16. NO. OF ACRES IN LEASE
160

17. NO. OF ACRES ASSIGNED TO THIS WELL
160

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED OR APPLIED FOR, ON THIS LEASE, FT. None

19. PROPOSED DEPTH
2500

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
6908 GL

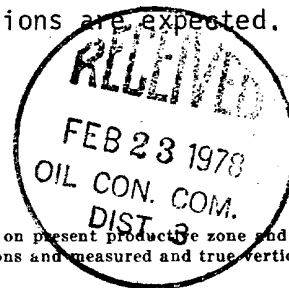
22. APPROX. DATE WORK WILL START*
March 31, 1978

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	24	90	100 Sacks
6 3/4"	4 1/2	10.5	2500	200 Sacks

MI & RU Rotary tools. 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 pipe (schematic attached). Drill 6 3/4" hole to 2500 with mud properties as follows: wt. 9.0, wl. 10 cc, viscosity 35 seconds. Run open hole logs IESS and FDC - CNL with Gamma Ray Caliper. If the well is commercial, 4 1/2" casing will be run as above. Should the well be non-commercial, it will be plugged and abandoned as per U.S.G.S. instructions.

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 William T. Jones TITLE Agent DATE February 17, 1978
William T. Jones
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ FEB 22 1978

CONDITIONS OF APPROVAL, IF ANY:

OK

*See Instructions On Reverse Side

U.S. GEOLOGICAL SURVEY
DENVER, COLO.

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. 4
Unit Letter M	Section 10	Township 22N	Range 7W	County Sandoval		

Actual Footage Location of Well:
790 feet from the **South** line and **790** feet from the **West** line

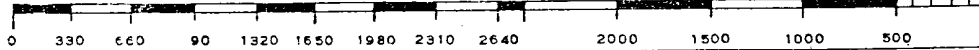
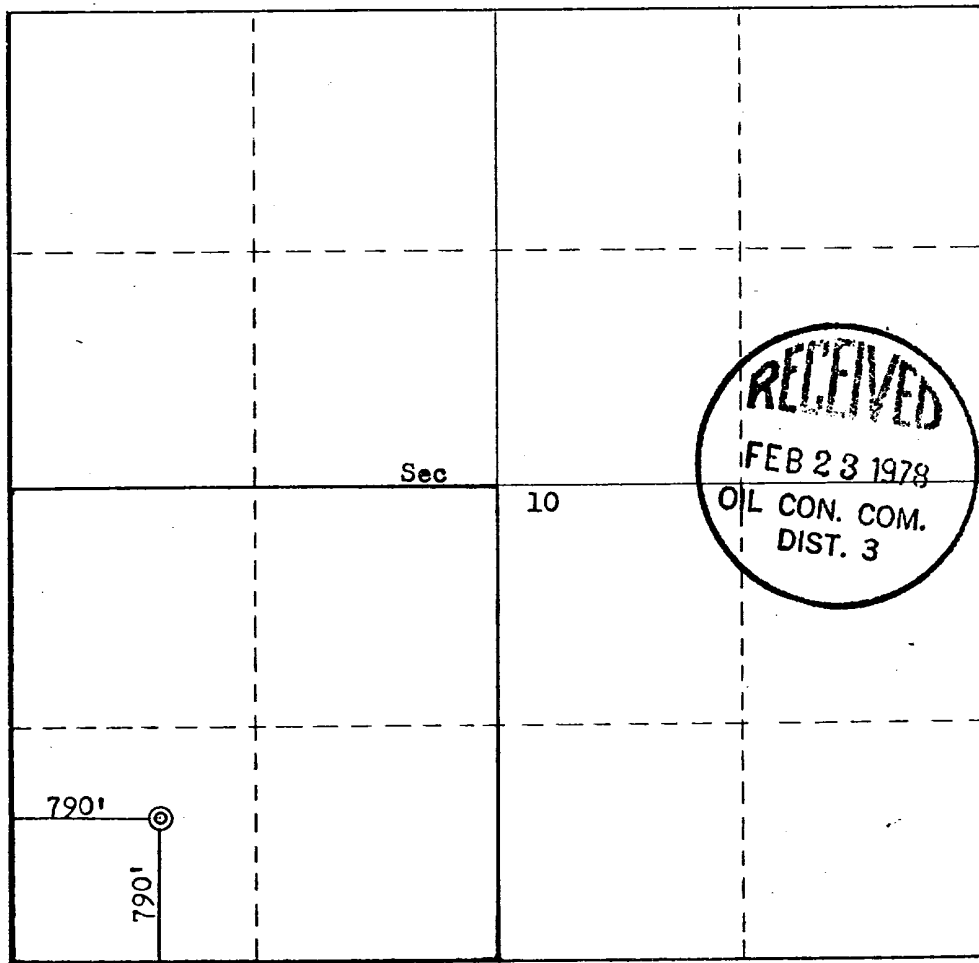
Ground Level Elev. 6908	Producing Formation Chacra	Pool Rusty Chacra <i>ext</i>	Dedicated Acreage: 160 Acres
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1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated 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.

William T. Jones

Name
William T. Jones

Position
Agent

Company
Beard Oil Company

Date
2-17-78

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
February 7, 1978

Registered Professional Engineer, and/or Land Surveyor

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

Certificate No.
3950

3E COMPANY, INC.

Engineering • Energy • Exploration

P. O. Box 190 505/327-4020

FARMINGTON, NEW MEXICO 87401

February 17, 1978

U.S. Department of the 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 #4
790 FSL & 790 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 enclosed are the following items: 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 the Chapman's water hole (approximately 30 miles to the north).

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

Point 8. No camps or airstrip.

U.S. Department of the Interior
Page 2
February 17, 1978

- 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 in compliance with current Bureau of Land Management seeding requirements. During dry out time required for the reserve pit it will be fenced to eliminate livestock entry. All facilities will be painted grey: Federal Standard 595-36357.
- Point 11. This location is on relatively flat area with native vegetation consisting sage brush and blue gramma. Access will be via an existing road from the Northeast with very little, if any, new road to be built.
- Point 12. William T. Jones
3E Company, Inc.
P.O. Box 190
Farmington, NM 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 the 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.

2/17/78
DATE

William T. Jones
Williams T. Jones

Should further information be desired, please advise.

Yours very truly,

William T. Jones
William T. Jones

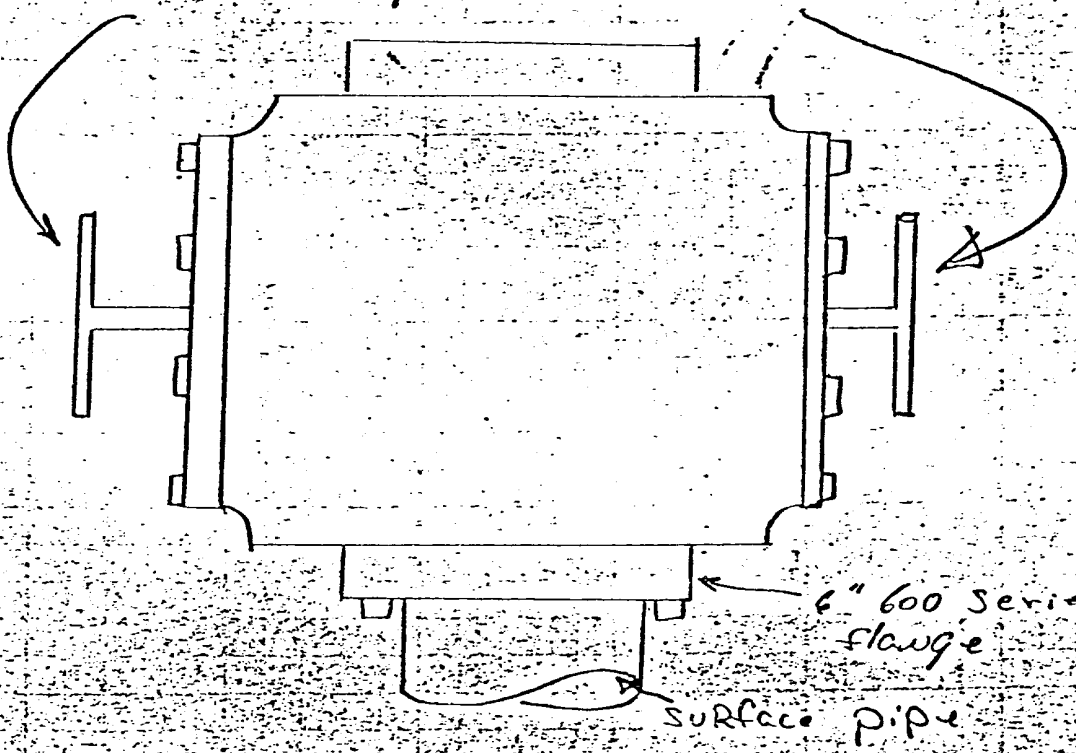
WTJ:dew

Attachments

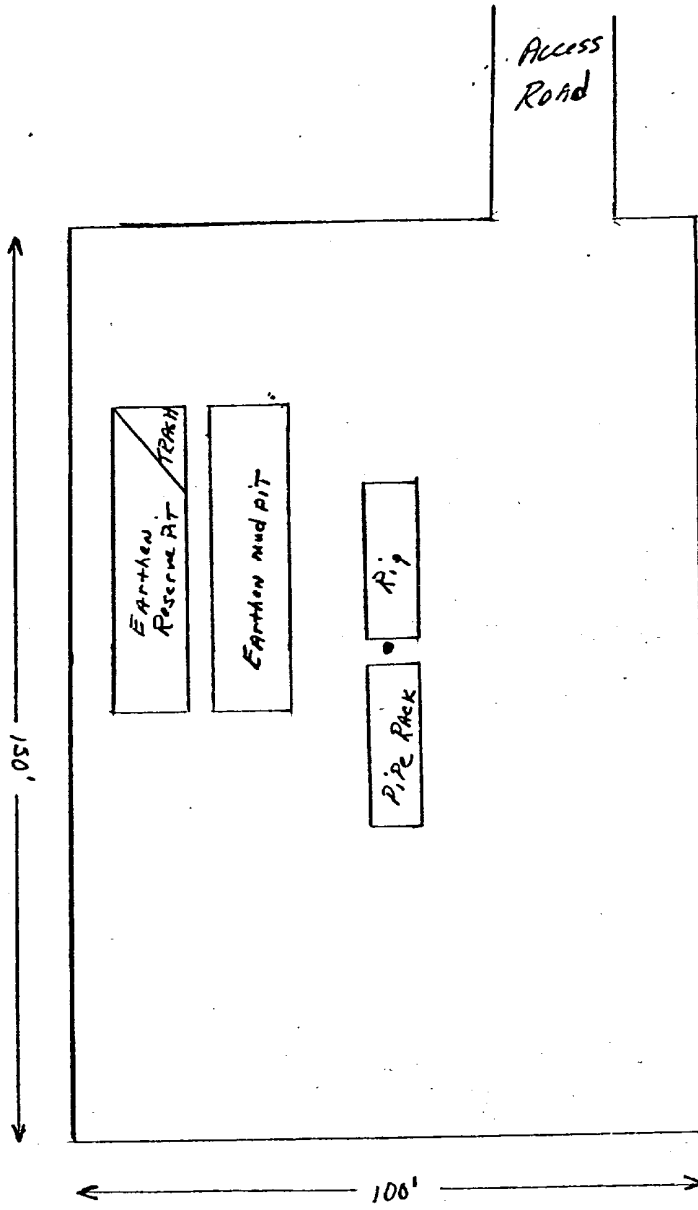
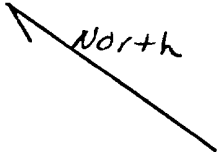
Guiberson - single Ram Type B.O.P

43387 10 SHEETS 1 SQUARE
43388 10 SHEETS 1 SQUARE
43389 10 SHEETS 1 SQUARE
NATIONAL

handles to manually close Rams

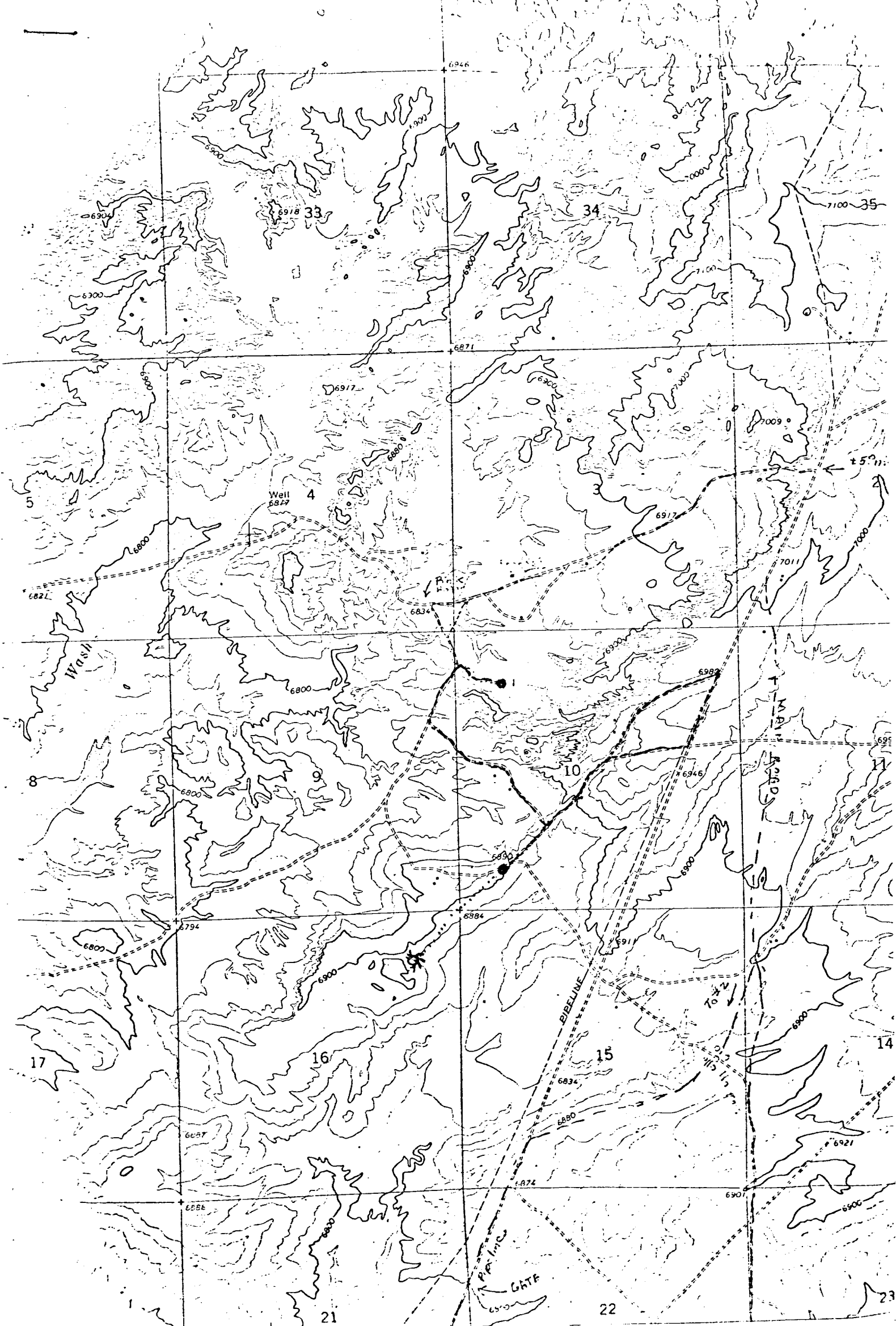


Well Site Plat



SCALE 1" = 30'

Beard Oil Company
Chacra #4
Sec 10, T22N, R7W
Sandoval County, New Mexico
790' FSL & 790" FWL



Vicinity Map for
 BEARD OIL COMPANY #4 Chacra
 790' FSL 790' FSL Sec 10-T22N-R7W
 Sandeval County, New Mexico