

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

Beartooth Oil &amp; Gas Company

## 3. ADDRESS OF OPERATOR

P.O. Box 2564 Billings, Montana 59103

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

At surface

790' FNL and 955' FWL

At proposed prod. zone

Same

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

3 Miles to Bloomfield, New Mexico (North)

## 15. DISTANCE FROM PROPOSED\*

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

790'

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

1320'

## 16. NO. OF ACRES IN LEASE

320 600.69

## 19. PROPOSED DEPTH

1550'

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

460 161.58

## 20. ROTARY OR CABLE TOOLS

Rotary

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

5572' G.L.

## 22. APPROX. DATE WORK WILL START\*

11-30-1980

## 23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
7 7/8"	5.50	14#	100'	35 sx Circulate
4 3/4"	2.75	6.4#	1550'	120 sx.

Propose to drill from surface to T.D. with mud, run logs, and run 2 7/8" casing and cement to surface. Perforate and frack the Fruitland pay zone. Bottom hole pressure is not expected to exceed 600 psi.

The NW 1/4 of Section 34 is dedicated to this well.  
The gas is dedicated.

A 3000 psi W.P. and 6000 psi test double gate preventer will be used for blow out prevention. It will be equipped with blind and pipe rams and will be checked daily.

This action is subject to administrative  
appeal pursuant to 30 CFR 290.

DRILLING OPERATIONS AUTHORIZED ARE  
SUBJECT TO COMPLIANCE WITH ATTACHED  
"GENERAL REQUIREMENTS"

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 Agent

DATE 11-20-80

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

  
JAN 30 1981  
F. S. S. S.  
DISTRICT ENGINEER

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY?

NMOC

**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.

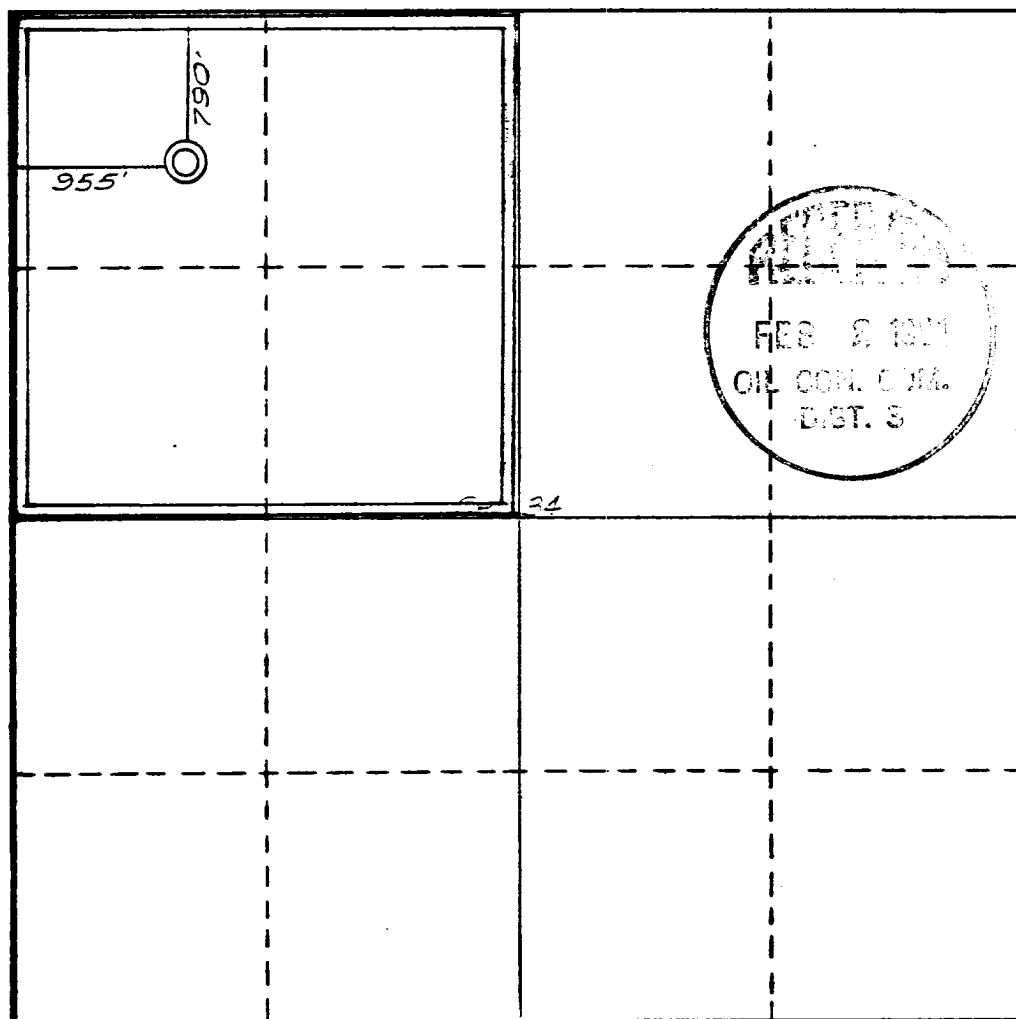
Operator <b>Beartooth Oil &amp; Gas Company</b>			Lease <b>ELLEGE FEDERAL - 34</b>		Well No. <b>11</b>
Unit Letter <b>D</b>	Section <b>24</b>	Township <b>29 NORTH</b>	Range <b>11 WEST</b>	County <b>SAN JUAN</b>	
Actual Footage Location of Well: <div style="display: flex; justify-content: space-between;"> <span>790 feet from the</span> <span><b>NORTH</b> line and</span> <span>955 feet from the</span> <span><b>WEST</b> line</span> </div>					
Ground Level Elev. <b>5572</b>	Producing Formation <b>Fruitland</b>	Pool <b>Kutz Ogles E &amp; J</b>		Dedicated Acreage: <b>160 1/16-58</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.

Name <i>[Signature]</i>
Position <b>Agent</b>
Company <b>Beartooth Oil &amp; Gas Co.</b>
Date <b>11-20-1980</b>

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.

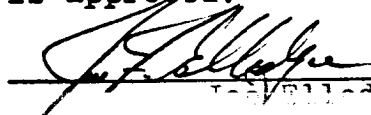
Date Surveyed <b>20 November, 1980</b>
Registered Professional Engineer and/or Land Surveyor <i>[Signature]</i>
Certificate No. <b>5980</b>

Beartooth Oil and Gas Company  
Elledge Federal-34 #11  
D-34-29N-11W  
San Juan, County  
New Mexico

1. Existing Roads: Refer to attached map which shows the existing roads. New roads which will be required have been marked on this map. All existing roads and new roads will be properly maintained during this period.
2. Planned Access Roads: The grade of the access roads will be consistent with that of the local terrain. The road surface will not exceed (20') twenty feet in width. Upon completion all roads will be adequately drained to control said erosion. Drainage facilities may include ditches, water bars, culverts, or other measures necessary to insure proper drainage.
3. Location of Existing Wells: See attached map.
4. Location of tank batteries, production facilities, and production gathering and service lines: If this well is productive, it will be dry gas. The Fruitland in this area normally does not produce any oil. A small separator may be necessary if the well produces water. The separator would be set 150' from the well and the flow lines would be buried.
5. Location and Type of Water: No arrangement for water has been made at this time.
6. Source of Construction Materials: All Construction material will be purchased and hauled to the location. No additional materials will be required.
7. Methods of Handling Waste Materials:
  - a. Cuttings will be buried 3' below surface.
  - b. Drilling fluids will be left in a fenced, open pit to evaporate.
  - c. Portable toilet to be provided.
  - d. Trash will be burned in the burn pit then buried.
  - e. After the pit area is dry, cuttings will be pushed into the reserve pit and sub soil will be placed on any remaining fluid and cuttings. Top soil will then be placed over both pit and location area.

8. Auxillary Facilities: No camps or airstrips will be associated with this project.
9. Well site Layout: Refer to attached plat.
10. Plans for Restoration: After completion of the project, the location will be cleaned and leveled. The location will be left in such a condition that will enable reseeding operations to be carried out as controlled by the regulatory body.
11. Other Information: The terrain is low sand hills covered with sparse grass and cedar trees. The location is 100' from an existing pipeline.
12. Operators Representative: Curtis J. Little  
Box 2487  
Farmington, New Mexico 87401 .
- Joe Elledge  
Oil & Gas Property Management  
200 West 25th Street  
Farmington, New Mexico 87401  
Phone: 505-327-9267  
505-325-1873-Car 851
- Beartooth Oil & Gas Company  
P.O. Box 2564  
Billings, Montana 59103  
Office: 406-259-2451  
Home: 406-259-0663
13. Certification: I hereby certify that I or persons under my direct supervision have inspected the proposed location and access road, 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 Beartooth Oil & Gas Co. and its contractors and sub-contractors in conformity with this plan and the terms and conditions under which it is approved.

Date: 11-20-1980

  
Joe Elledge / Beartooth Oil & Gas

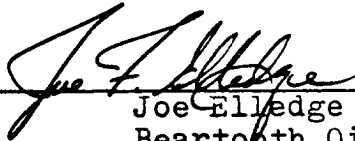
Beartooth Oil and Gas Company  
Elledge Federal-34 #11  
San Juan County, New Mexico

OPERATION PLAN

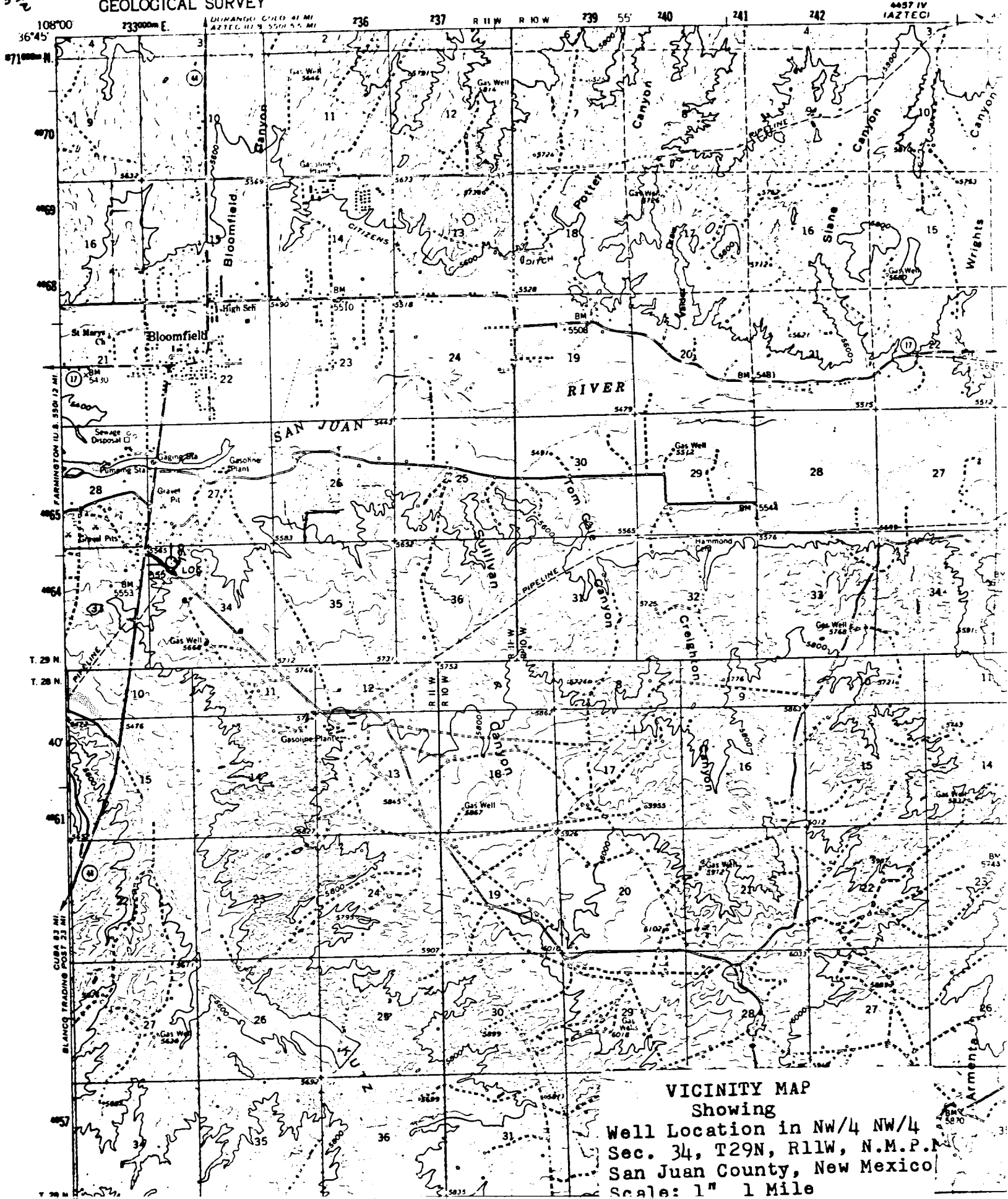
1. Location: D-34-29-11  
Field: Kutz Fruitland  
Elevation: 5572 G.L.
2. Geology:  
A. Formation Tops: Surface: Nacimiento  
Ojo: 700'  
Fruitland 1500'  
  
B. Logging Program: I-ES and Gamma Ray-Density  
C. Coring Program: None
3. Drilling:  
A. Mud Program: Low solids mud from surface to T.D.
4. Materials:  
A. Casing Program:

<u>Hole Size</u>	<u>Depth</u>	<u>Casing Size</u>	<u>Wt. &amp; Grade</u>
7 7/8"	100'	5 1/2"	14# ST&C
4 3/4"	1550'	2 7/8"	6.4# J-55

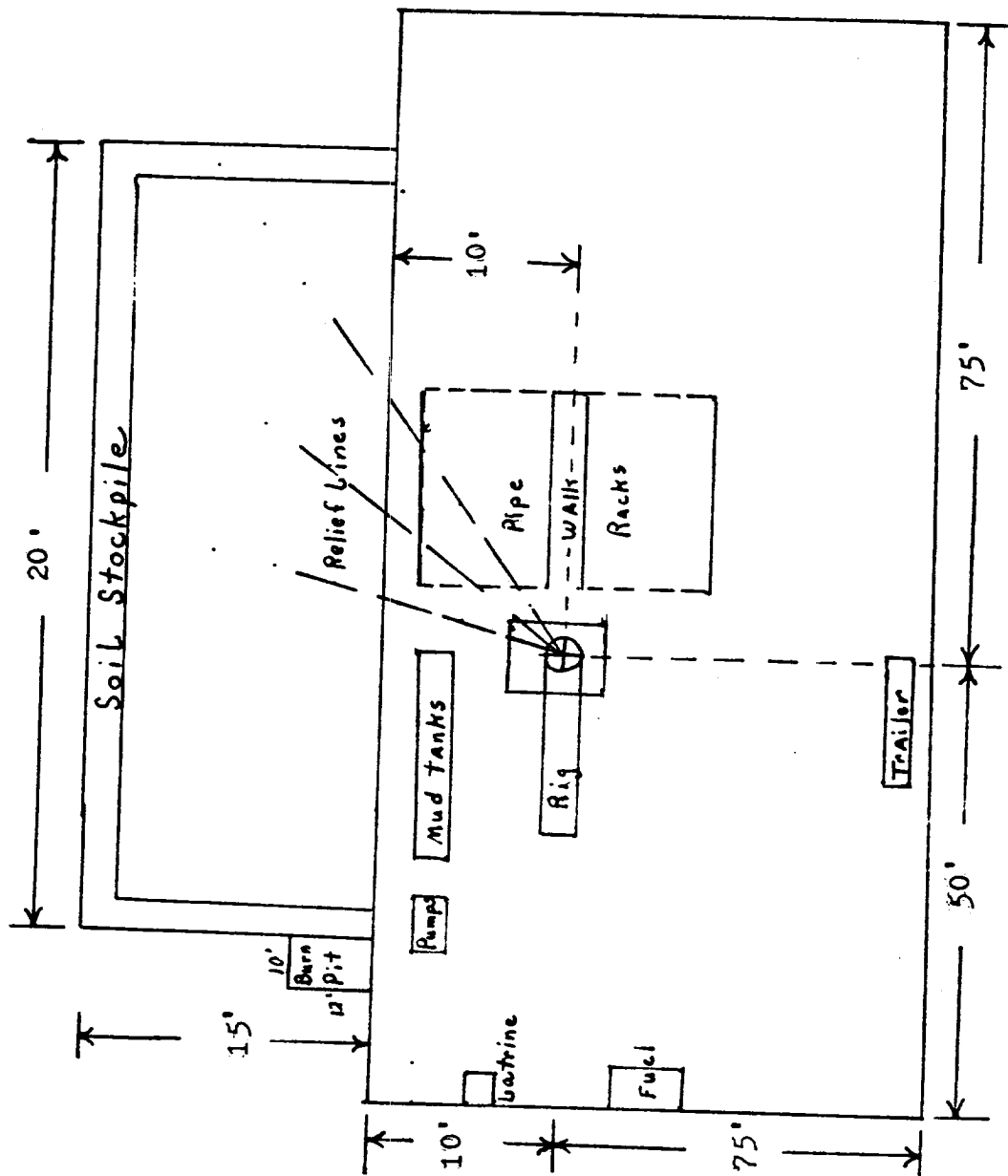
  
B. Float Equipment: Casing will be run with a regular guide shoe and float collar. Pipe will be centralized through the pay zone.  
  
C. Tubing: If commercial, 1 1/4 IJ tubing will be used for the completion string.  
  
D. Wellhead Equip. A 92 series screwed Larkin wellhead will be used to accommodate the 1 1/4" and the 2 7/8" casing.
5. Cementing: The Fruitland pay will be cemented conventionally with 120 sx. 50/50 pozmix cement, 2 % gel and 10 % salt. Loss circulation additives will be used if needed.

  
\_\_\_\_\_  
Joe Elledge  
Beartooth Oil & Gas

VICINITY MAP  
Showing  
Well Location in NW/4 NW/4  
Sec. 34, T29N, R11W, N.M.P.M.  
San Juan County, New Mexico  
Scale: 1" = 1 Mile

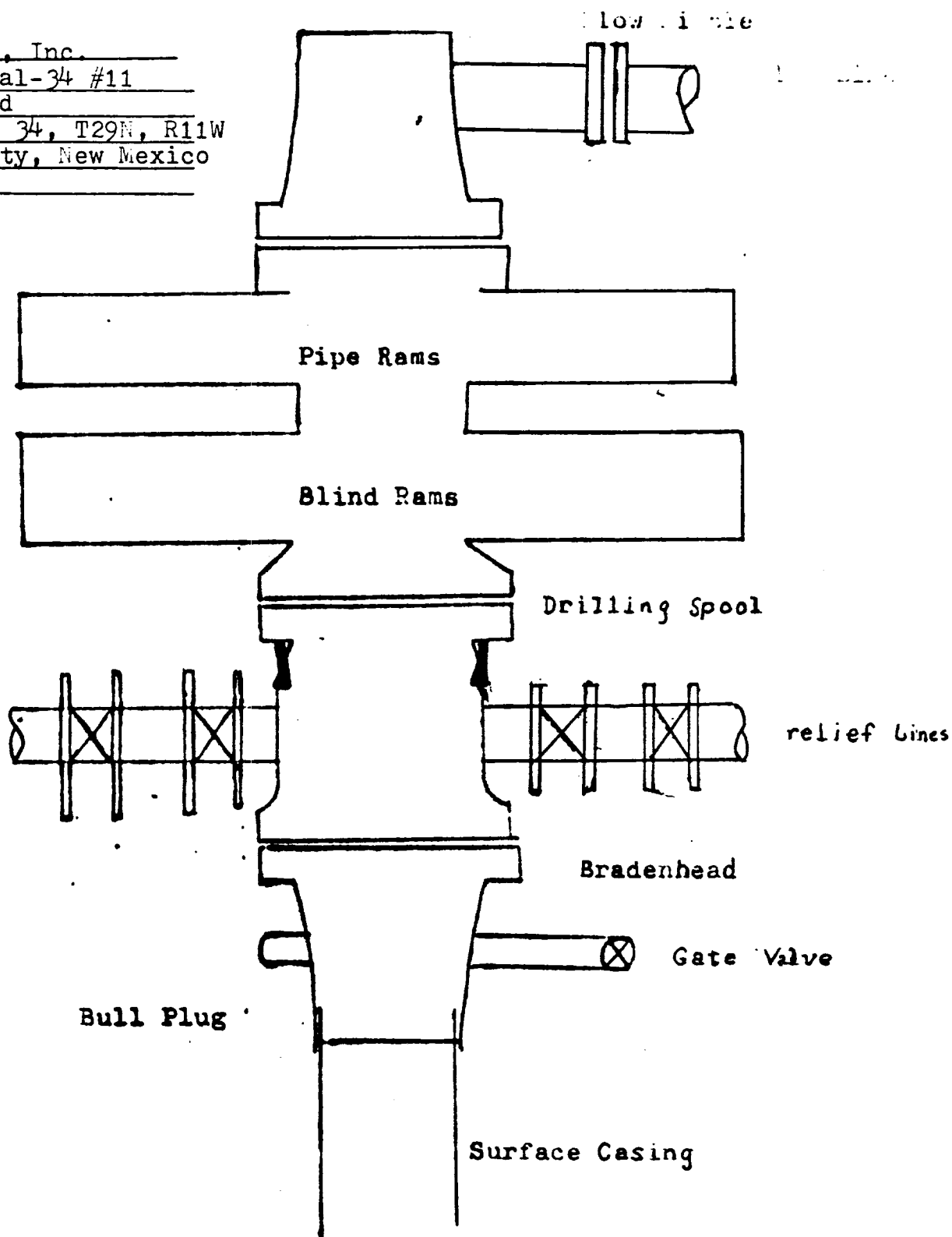


Beartooth Oil Co.,  
Elledge Federal-34 #11  
NWNW 1/4 Sec. 34, T29N, R11W  
San Juan County, New Mexico



# Typical B. O. P. Installation

Beartooth Oil, Inc.  
Elledge Federal-34 #11  
Kutz Fruitland  
NWNW 1/4 Sec. 34, T29N, R11W  
San Juan County, New Mexico



Series 900 Double Gate BOP, rated  
at 3000 psi Working Pressure