

UTAH DIVISION OF OIL AND GAS CONSERVATION

REMARKS: WELL LOG \_\_\_\_\_ ELECTRIC LOGS \_\_\_\_\_ FILE X WATER SANDS \_\_\_\_\_ LOCATION INSPECTED \_\_\_\_\_ SUB. REPORT/abd. \_\_\_\_\_

*10/26/79 - Location Abandoned; well never drilled*

DATE FILED 12-14-77

LAND: FEE & PATENTED \_\_\_\_\_ STATE LEASE NO. \_\_\_\_\_ PUBLIC LEASE NO. \_\_\_\_\_ INDIAN 14-20-603-20

DRILLING APPROVED: 12-14-77 \_\_\_\_\_ 59

SPUDED IN: \_\_\_\_\_

COMPLETED: \_\_\_\_\_ PUT TO PRODUCING: \_\_\_\_\_

INITIAL PRODUCTION: \_\_\_\_\_

GRAVITY A.P.I. \_\_\_\_\_

GOR: \_\_\_\_\_

PRODUCING ZONES: \_\_\_\_\_

TOTAL DEPTH: \_\_\_\_\_

WELL ELEVATION: \_\_\_\_\_

DATE ABANDONED: *10/26/79 - Location Abandoned*

FIELD: Aneth *3/86 Greater Aneth*

UNIT: Aneth

COUNTY: San Juan

WELL NO. Aneth Unit H 135

APT. NO: 43-037-30411

LOCATION 710' FT. FROM (N) ~~BY~~ LINE, 580' FT. FROM (E) ~~BY~~ LINE. NE NE  $\frac{1}{4}$ - $\frac{1}{4}$  SEC. 35

TWP.	RGE.	SEC.	OPERATOR	TWP.	RGE.	SEC.	OPERATOR:
40S	24E	35	TEXACO INC,				

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  
**TEXACO Inc.**      Attention: **G. L. Eaton**

3. ADDRESS OF OPERATOR  
**P. O. Box 2100, Denver, Colorado 80201**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*)  
 At surface      **NE 1/4 NE 1/4 Sec. 35**  
 At proposed prod. zone      **710' FNL & 580' FEL, Sec. 35**

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)      **580'**

16. NO. OF ACRES IN LEASE      **--**

17. NO. OF ACRES ASSIGNED TO THIS WELL      **40**

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.      **1200'**

19. PROPOSED DEPTH      **5670'**

20. ROTARY OR CABLE TOOLS      **Rotary**

21. ELEVATIONS (Show whether DF, RT, GR, etc.)      **4622' GR**

22. APPROX. DATE WORK WILL START\*      **February 20, 1978**

5. LEASE DESIGNATION AND SERIAL NO.  
**14-20-603-2059**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME  
**Aneth Unit**

8. FARM OR LEASE NAME  
**Unit**

9. WELL NO.  
**H135**

10. FIELD AND POOL, OR WILDCAT  
**Aneth Field**

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
**Sec. 35 T40S-R24E**

12. COUNTY OR PARISH      13. STATE  
**San Juan      Utah**

23. PROPOSED CASING AND CEMENTING PROGRAM

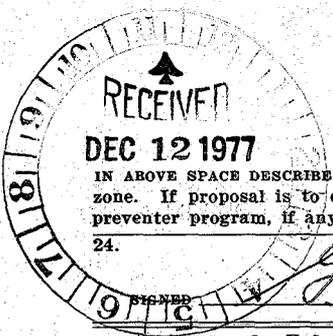
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2"	13-3/8"	48#	100'	Circulate to surface.
11"	8-5/8"	24#	1500'	Circulate to surface.
7-7/8"	5-1/2"	14 & 15.5#	5670'	Cement 600' above pay zone.

DV collar to be run below DeChelly and cement to bottom of surface casing.

Propose to drill this infill well in order to gain optimum primary and secondary oil recovery from the Aneth Unit. Samples will be taken at 10' intervals from 5000' to TD. No cores or DST's are planned. Logs will be run from surface casing to TD. Prospective zones will be perforated and acidized. Blowout preventer equipment will be as indicated on the attached exhibit, and will be tested at regular intervals. Necessary steps will be taken to protect the environment. Any gas produced during the conduct of the above described work will be flared.

ESTIMATED FORMATION TOPS

Navajo	645'	Hermosa	4370'
Chinle	1365'	Ismay	5290'
Dechelly	2530'	Desert Creek	5450'



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 G. L. Eaton TITLE District Superintendent DATE Dec. 5, 1977

(This space for Federal or State office use) APPROVED BY THE DIVISION OF OIL, GAS, AND MINING

PERMIT NO. 43-037-30411 APPROVAL DATE DATE: 12-14-77

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ BY: Clem B. Smith DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

USGS (3)      OGCC (2)      GLE      ARM (2)      Bureau of Indian Affairs      The Navajo Tribe  
 Farmington      SLC      Gulf (2)      Shell      Superior      Tenneco

COMPANY Texaco Inc.

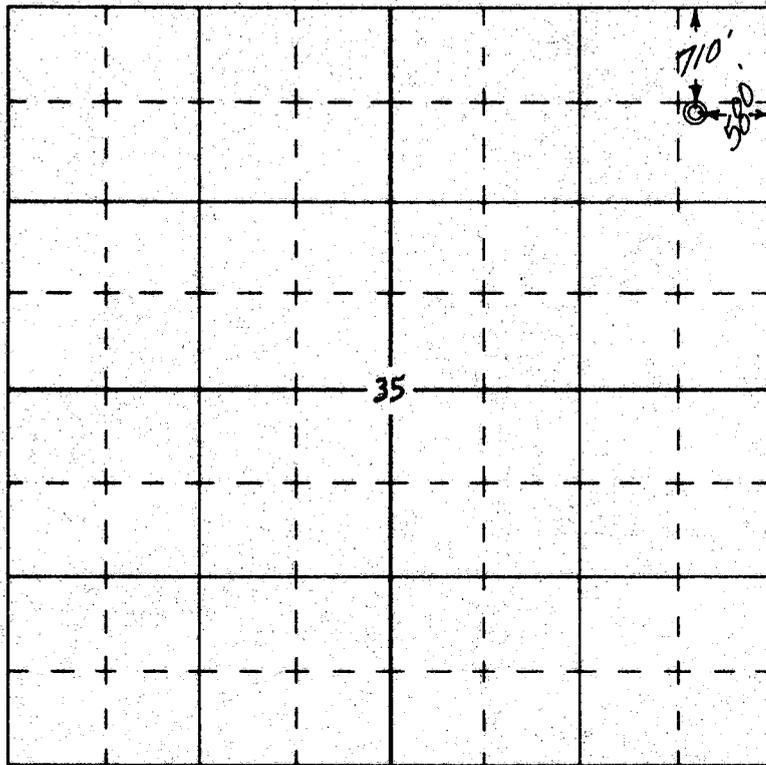
Well Name & No. ANETH UNIT WELL NO. H135 Lease No. \_\_\_\_\_

Location 710 feet from North line and 580 feet from East line

Being in San Juan County, Utah

Sec. 35, T.40S., R.24E., S.1.M.

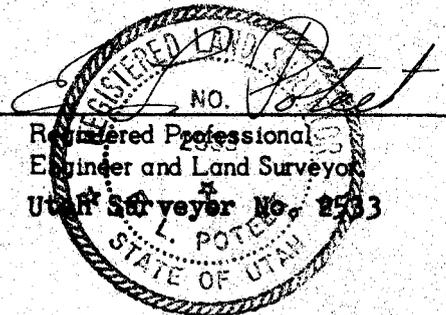
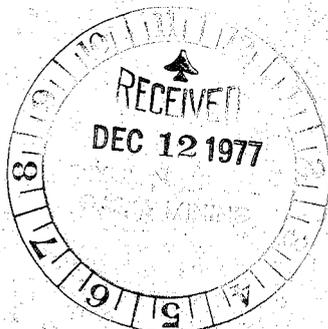
Ground Elevation 4622



Scale -- 4 inches equals 1 mile

Surveyed November 17, 19 77

This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.



December 5, 1977

ANETH UNIT WELL NO. H135  
NE $\frac{1}{4}$  NE $\frac{1}{4}$  SEC 35 T40S-R24E  
SAN JUAN COUNTY, UTAH  
6.34

Mr. P. T. McGrath (3)  
District Engineer  
U. S. Geological Survey  
P. O. Box 959  
Farmington, New Mexico 87401



Dear Mr. McGrath:

As requested by your office, the following information is provided for the drilling of Aneth Unit Well No. H135, San Juan County, Utah:

1. SURFACE CASING: 1500' of 8-5/8" OD 24# K-55 ST&C new casing.
2. CASINGHEADS: 10-3/4" x 10" Series 600, 2000 psi pressure rating.
3. PRODUCTION CASING: 5670' of 5-1/2" OD 14# & 15.5# K-55 ST&C new casing.
4. BLOWOUT PREVENTER: 10" Series 600 with blind and pipe rams. See attached drawing.
5. AUXILIARY EQUIPMENT:
  - (a) Kelly cock will be used at all times and checked daily.
  - (b) Safety sub with full opening valve for drill pipe on floor.
6. ANTICIPATED BOTTOM HOLE PRESSURE: 2500 psi.
7. DRILLING FLUID: Water and fresh water gel.

Very truly yours,

A handwritten signature in cursive script, appearing to read "G. L. Eaton".

G. L. Eaton  
District Superintendent

**Minimum equipment requirements are:**

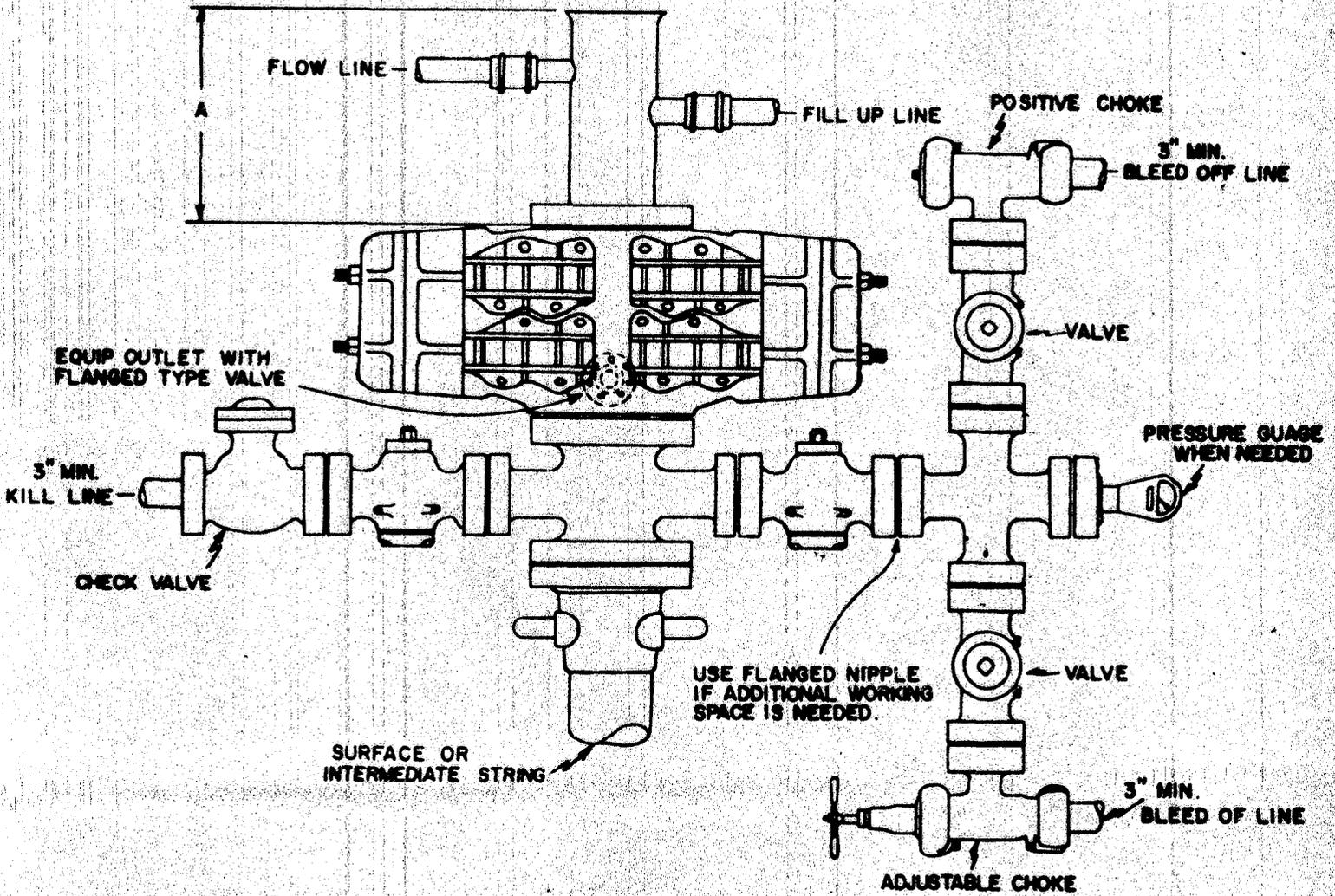
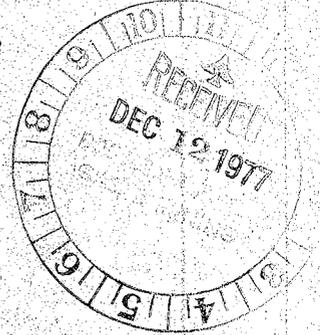
1. Blowout preventers must be capable of being operated both mechanically and hydraulically. Controls must be located so that the blowout preventer can be operated outside the drilling rig substructure. All steel tubing and connections must be used between the hydraulic controls and the blowout preventer.

2. Pressure rating of the blowout preventer and associated connections must be proportional to depth and pressure expectations. Use Figure 1 as a guide in unknown areas.

3. Distance "A" must be sufficient to accommodate a Hydril preventer if required.

4. Chokes, valves, manifold piping and kill line must be flanged and designed equal to or above the pressure rating of the blowout preventer.

5. Kelly cock must be used at all times and should be checked daily.



NOTE: BLOWOUT PREVENTER MUST HAVE DOUBLE RAMS; ONE BLIND & ONE PIPE RAM OR THE EQUIPMENT MUST CONSIST OF TWO BLOWOUT PREVENTERS, ONE EQUIPPED WITH BLIND RAMS & THE OTHER WITH PIPE RAMS. ALWAYS PLACE THE BLIND RAMS IN THE TOP PREVENTER.

ANETH UNIT WELL NO. H135  
NE 1/4 NE 1/4 SEC 35 T40S-R24E  
SAN JUAN COUNTY, UTAH

APPROVED  
*[Signature]*

<b>TEXACO INC</b> DENVER, COLORADO	
<b>BLOWOUT PREVENTER ASSEMBLY STANDARD NO. 2</b>	
DRAWN BY M.R.D.	CHG BY F.S.Z.
DATE 11-8-77	FILE 448000
REVISED	SERIAL 1-108-8

December 5, 1977

SURFACE USE DEVELOPMENT PLAN  
ANETH UNIT WELL NO. H135  
NE $\frac{1}{4}$  NE $\frac{1}{4}$  SEC 35 T40S-R24E  
SAN JUAN COUNTY, UTAH

6.34

Mr. P. T. McGrath (3)  
District Engineer  
U. S. Geological Survey  
P. O. Box 959  
Farmington, New Mexico 87401

Dear Mr. McGrath:

As requested by your office, the following Surface Use Development Plan is provided for Aneth Unit Well No. H135, San Juan County, Utah:

1. Existing roads and exit to the location are shown on the attached plats.
2. Approximately 1300' of new access road will be required. The proposed road will run southeast from the location to an existing road.
3. Offset wells to the proposed well are shown on the attached plats.
4. The flowline for subject well will run approximately 4000' northwest to an existing battery in Section 26.
5. Water for drilling operations will be trucked from Texaco's Pressure Maintenance System, a distance of approximately 3-1/2 miles northwest of the proposed well.
6. No additional construction material will be required.
7. All waste material will be contained by earthen and steel pits. Earthen pits will be subsequently back-filled and buried. A portable chemical toilet will be furnished for drilling personnel.
8. No separate drill campsites are proposed.

December 5, 1977

9. The drilling site location will be graded and will be approximately 250' x 250' with natural drainage to the southwest. Proper grading will be used to control erosion and the drilling pad surface will be compacted soil. a 10' cut will be required on the east side and a 12' fill will be required on the south and west sides.
10. All surfaces not used in normal well servicing and maintenance will be cleaned and graded.
11. The surface of the well location is slightly sloping, sandy and rocky, sparsely covered with native grass and small brush.
12. Texaco's representative:  
Mr. G. L. Eaton  
District Superintendent  
Texaco Inc.  
P. O. Box 2100  
Denver, Colorado 80201  
Phone: (303) 861-4220
13. Certification:

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite 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 Texaco Inc. and its contractors and sub-contractors in conformity with this plan and the terms and conditions under which it is approved.

12-7-77  
Date

  
G. L. Eaton  
District Superintendent

FME:rdh  
cc: OGCC (2)  
Attach.

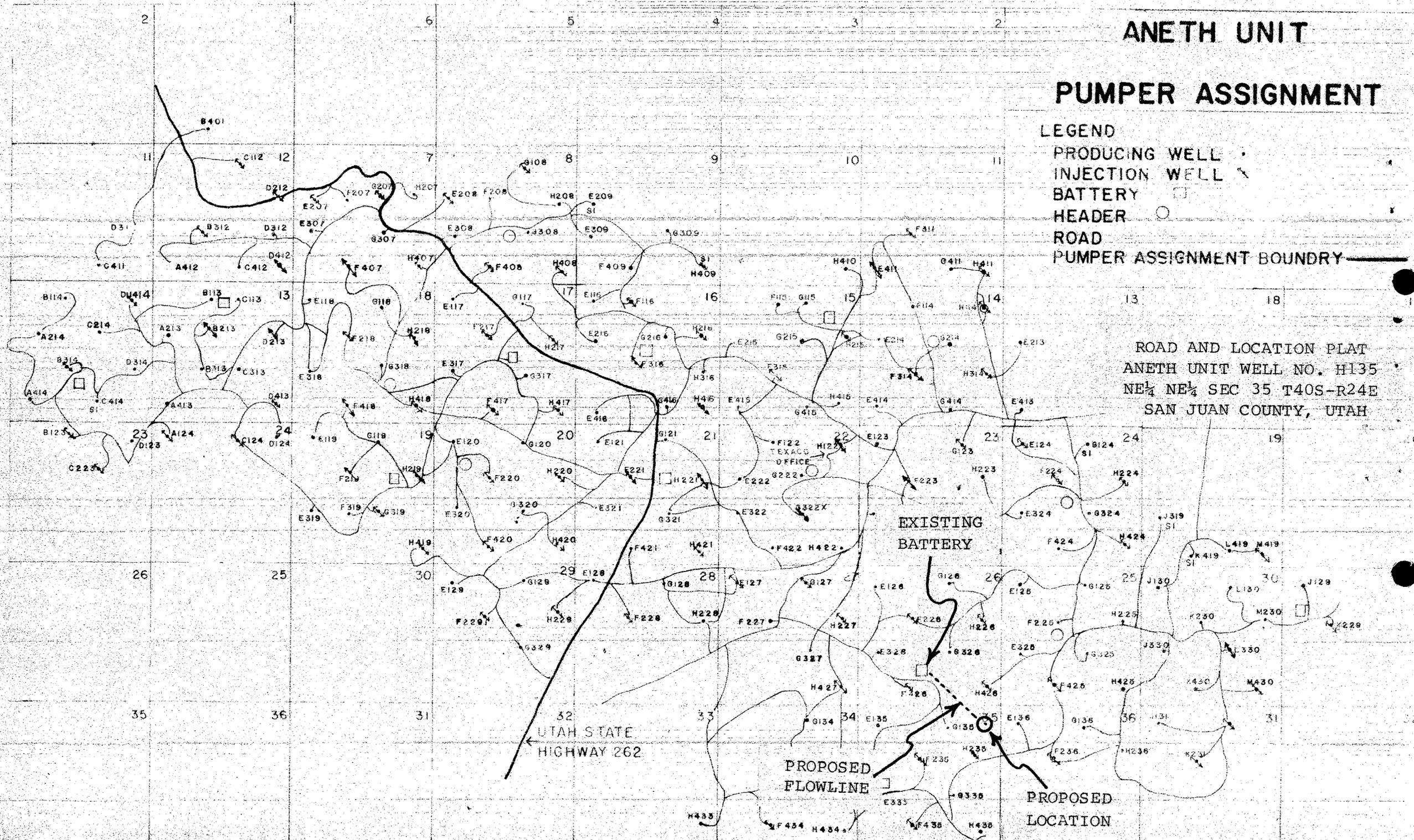
# ANETH UNIT

## PUMPER ASSIGNMENT

### LEGEND

- PRODUCING WELL •
- INJECTION WELL ◊
- BATTERY □
- HEADER ○
- ROAD —
- PUMPER ASSIGNMENT BOUNDRY —

ROAD AND LOCATION PLAT  
ANETH UNIT WELL NO. H135  
NE¼ NE¼ SEC 35 T40S-R24E  
SAN JUAN COUNTY, UTAH



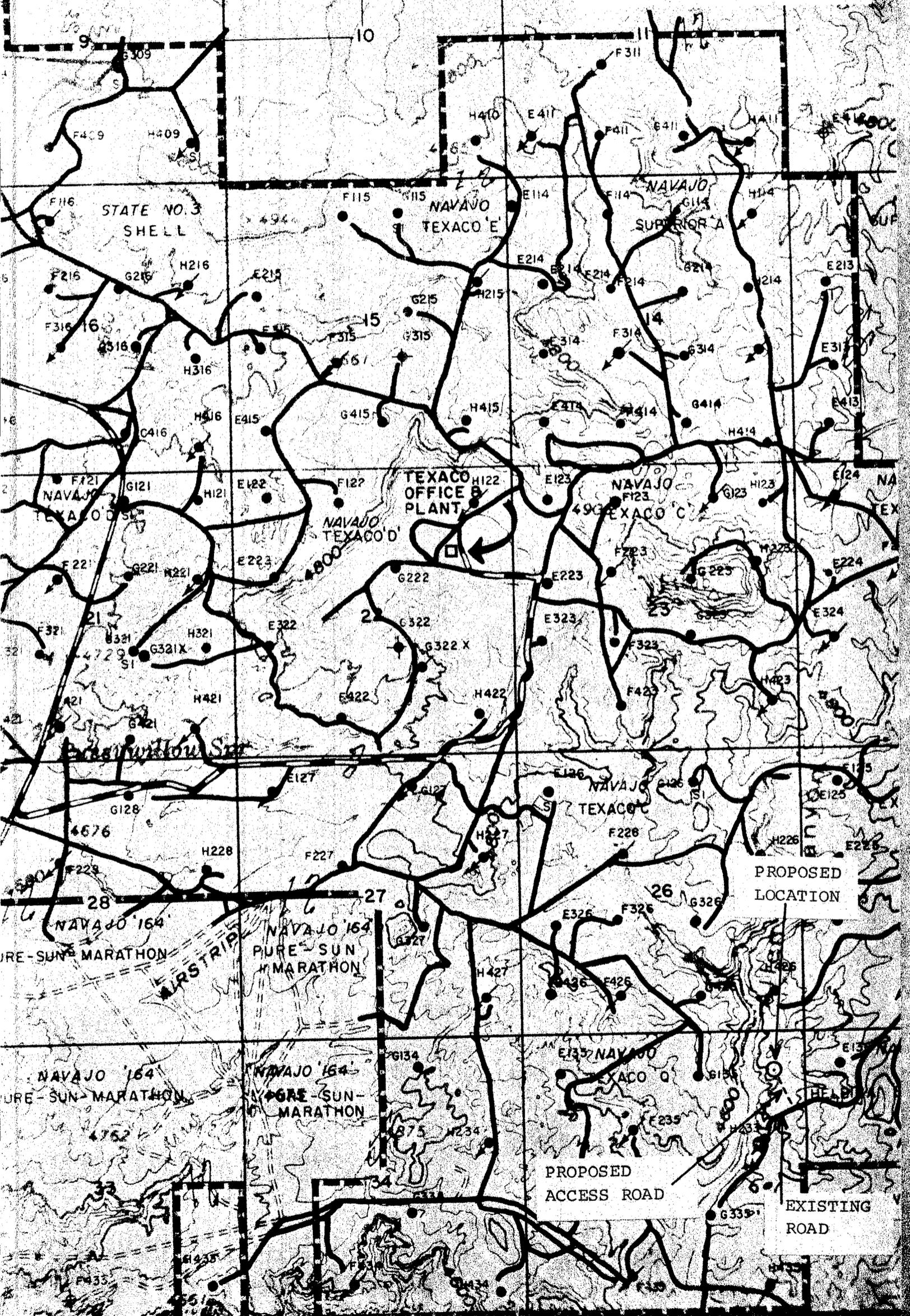
EXISTING BATTERY

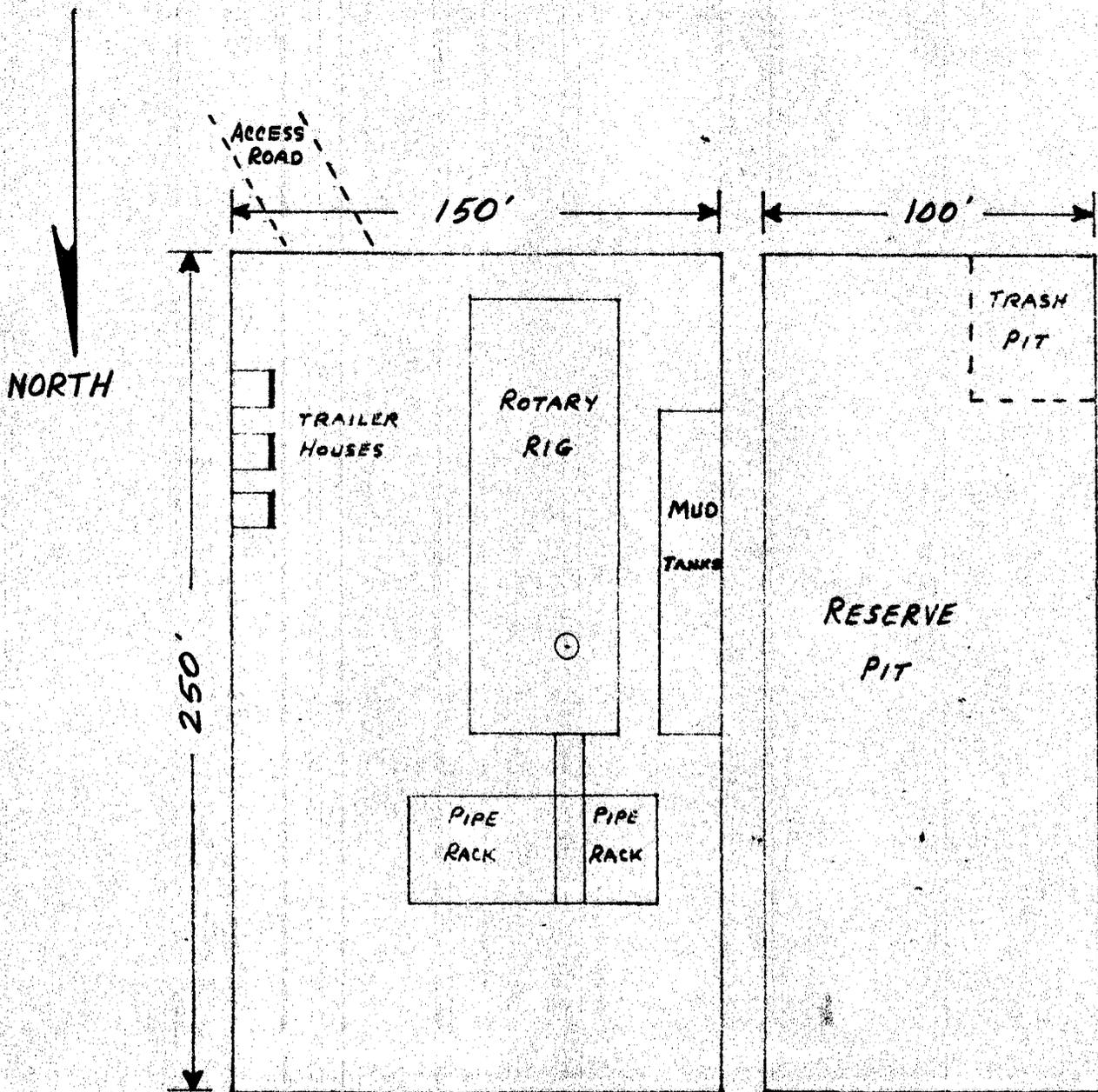
32  
UTAH STATE  
HIGHWAY 262

PROPOSED FLOWLINE

PROPOSED LOCATION

ROAD AND LOCATION PLAT  
ANETH UNIT WELL NO. H135  
NE 1/4 NE 1/4 SEC 35 T40S-R24E  
SAN JUAN COUNTY, UTAH





- A. Drilling pad will be compacted soil.
- B. Surface is slightly sloping, sandy and rocky, sparsely covered with native grass and small brush.

LOCATION AND RIG LAYOUT PLAT  
 ANETH UNIT WELL NO. H135  
 SAN JUAN COUNTY, UTAH

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

\*\* FILE NOTATIONS \*\*

Date: 12/13/77

Operator: Texaco, Inc.

Well No: ~~H-105~~ No. H-135

Location: Sec. 35 T. 40 S R. 24 E County: San Juan

File Prepared:   
Card Indexed:

Entered on N.I.D.:   
Completion Sheet:

API NUMBER: 43-037-3041

CHECKED BY:

Administrative Assistant [Signature]

Remarks:

Petroleum Engineer de Put

Remarks:

Director [Signature]

Remarks:

INCLUDE WITHIN APPROVAL LETTER:

Bond Required:

Survey Plat Required:

Order No. 153-1

Surface Casing Change to

Rule C-3(c), Topographic exception/company owns or controls acreage within a 660' radius of proposed site

O.K. Rule C-3

O.K. In Aneth Unit

Other:

Letter Written Approved



SCOTT M. MATHESON  
Governor

OIL, GAS, AND MINING BOARD

GORDON E. HARMSTON  
*Executive Director,*  
NATURAL RESOURCES

STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES

I. DANIEL STEWART  
*Chairman*

CLEON B. FEIGHT  
*Director*

DIVISION OF OIL, GAS, AND MINING

1588 West North Temple  
Salt Lake City, Utah 84116  
(801) 533-5771

CHARLES R. HENDERSON  
JOHN L. BELL  
THADIS W. BOX  
C. RAY JUVELIN

August 22, 1978

Texaco Inc.  
ATTN: G.L. Eaton  
PO Box 2100  
Denver, Colorado 80201

Re: Well locations listed on  
attached sheets

Gentlemen:

Our records indicate that you have not filed a Monthly Report of Operations for the months indicated above on the subject wells.

Rule C-22, General Rules and Regulations and Rules of Practice and Procedure, requires that said reports be filed on or before the sixteenth (16) day of the succeeding month. This report may be filed on Form OGC-1b, (U.S. Geological Survey Form 9-331) "Sundry Notices and Reports on Wells", or on company forms containing substantially the same information. We are enclosing forms for your convenience.

Your prompt attention to the above will be greatly appreciated.

Very truly yours,

DIVISION OF OIL, GAS, & MINING

Tammy Edge  
Typist

Well No. Aneth Unit E236  
Sec. 36, T. 40S, R. 24E  
San Juan County, Utah  
April 1978-July 1978

Well No. Aneth Unit F136  
Sec. 36, T. 40S, R. 24E  
San Juan County, Utah  
May 1978-July 1978

Well No. Aneth Unit H135  
Sec. 35, T. 40S, R. 24E  
San Juan County, Utah  
March 1978-July 1978

Well No. Aneth Unit H335  
Sec. 35, T. 40S, R. 24E  
San Juan County, Utah  
April 1978-July 1978



PETROLEUM PRODUCTS

PRODUCING DEPARTMENT  
WEST UNITED STATES  
DENVER DIVISION

September 11, 1978

TEXACO INC.  
P. O. BOX 2100  
DENVER, COLORADO 80201

RE: WELL LOCATIONS  
ANETH UNIT  
SAN JUAN CO., UTAH

State of Utah  
Department of Natural Resources  
Division of Oil, Gas, and Mining  
1588 West North Temple  
Salt Lake City, Utah 84116

Gentlemen:

In reference to your letter of August 22, 1978, the subject wells, listed below, have not been spudded pending further evaluation of offset wells.

- 1) Aneth Unit Well No. E236 - Sec. 36, T40S, R24E  
San Juan Co., Utah
- 2) Aneth Unit Well No. F136 - Sec. 36, T40S, R24E  
San Juan Co., Utah
- 3) Aneth Unit Well No. H135 - Sec. 35, T40S, R24E  
San Juan Co., Utah
- 4) Aneth Unit Well No. H335 - Sec. 35, T40S, R24E  
San Juan Co., Utah

If you have further questions concerning the above, please contact the undersigned.

Very truly yours,

G. L. Eaton  
District Superintendent

FME/let





P.O. Box 959  
Farmington, New Mexico 87401

October 26, 1979

Texaco, Inc.  
P.O. Box 2100  
Denver, Colorado 80201

# Location Abandon

Gentlemen:

By a letter received October 22, 1979, you requested that the approvals of the Applications for Permit to Drill for the following wells be cancelled:

<u>Lease No.</u>	<u>Well No.</u>	<u>Location</u>
I-149-IND-8834	F415	SE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 15, T. 40 S., R. 24 E.
I-149-IND-8836	G122	NE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 22, T. 40 S., R. 24 E.
14-20-603-2059	F135	NE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 35, T. 40 S., R. 24 E.
14-20-603-2059	G235	SW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 35, T. 40 S., R. 24 E.
14-20-603-2059	H135	NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 35, T. 40 S., R. 24 E.
14-20-603-2059	K335	NE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 35, T. 40 S., R. 24 E.
14-20-603-5444	E236	SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 36, T. 40 S., R. 24 E.
14-20-603-5444	F136	NE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 36, T. 40 S., R. 24 E.

Approvals of the Applications for Permit to Drill are rescinded as of this date and the Applications are returned herewith.

Any construction of access roads or well pads will have to be restored to the satisfaction of the Bureau of Indian Affairs.

If at some later date you decide to drill these wells, it will be necessary to file new applications.

Sincerely yours,

*Carol G. Bach*  
for James F. Sims  
District Oil and Gas Supervisor

**Enclosures**

- cc: BIA, Windowrock
- BIA, Shiprock
- State of Utah Division of Oil & Gas Conservation
- Roswell
- Oil & Gas Supervisor, SRMA
- DRO 9-1
- Chronological File

MLKuchera:cm