

UTAH OIL AND GAS CONSERVATION COMMISSION

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

DATE FILED 12-7-84

LAND: FEE & PATENTED \_\_\_\_\_ STATE LEASE NO. ML-39334 PUBLIC LEASE NO. \_\_\_\_\_ INDIAN \_\_\_\_\_

DRILLING APPROVED: 12-13-84 - GAS

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

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

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

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

GOR. \_\_\_\_\_

PRODUCING ZONES. \_\_\_\_\_

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

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

DATE ABANDONED: 1/1/80 *Application Rescinded 11-11-80*

FIELD: 3/4 WILDCAT

UNIT: \_\_\_\_\_

COUNTY: CARBON

WELL NO. STATE OF UTAH #1 API #43-007-30109

LOCATION 660' FNL FT. FROM (N) (S) LINE. 1980' FWL FT. FROM (E) (W) LINE. NE NW 1/4 - 1/4 SEC. 23

TWP.	RGE.	SEC.	OPERATOR	TWP.	RGE.	SEC.	OPERATOR
<u>14S</u>	<u>9E</u>	<u>23</u>	<u>TEXACO, INC.</u>				

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

(Other instructions on reverse side)

3

5. Lease Designation and Serial No.

ML 39334

6. If Indian, Allottee or Tribe Name

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work

DRILL

DEEPEN

PLUG BACK

7. Unit Agreement Name

Thunderwest

8. Farm or Lease Name

State of Utah ML 39334

9. Well No.

1

10. Field and Pool, or Wildcat

Wildcat

11. Sec., T., R., M., or Blk. and Survey or Area

Sec. 23 - T14S-R9E

12. County or Parrish 13. State

Carbon Utah

b. Type of Well

Oil Well

Gas Well

Other

Single Zone

Multiple Zone

2. Name of Operator

Texaco, Inc.

3. Address of Operator

Box EE, Cortez, CO 81321

4. Location of Well (Report location clearly and in accordance with any State requirements)\*

At surface

660' FWL, 1980' FWL

At proposed prod. zone Ferron

RECEIVED  
DEC 07 1984

DIVISION OF  
OIL, GAS & MINING

14. Distance in miles and direction from nearest town or post office\*

3 miles southwest of Price, Utah

15. Distance from proposed\* location to nearest property or lease line, ft.

(Also to nearest drlg. line, if any) 660'

16. No. of acres in lease

17. No. of acres assigned to this well

640

18. Distance from proposed location\* to nearest well, drilling, completed, or applied for, on this lease, ft.

19. Proposed depth

2350'

20. Rotary or cable tools

Rotary

21. Elevations (Show whether DF, RT, GR, etc.)

5815 GR

22. Approx. date work will start\*

12-20-84

23.

PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
11"	8 5/8	24# K55	365	Cement to surface
6 1/2"	4 1/2	10.5# K55	2975 2350	Cement 400' above pay zone

Texaco plans to drill this wildcat well to test the Ferron Formation 1-60' core is planned. Samples will be taken at 30' intervals from surface to 1500'. 10' intervals 1500' to TD. Logs will be run from surface csg to TD. Prospective zone will be perforated and stimulated. B.O.P. equipment as indicated on attached exhibit and will be tested at regular intervals. Necessary steps will be taken to protect the environment, any gas produced during conduct of above described work will be flared.

ESTIMATE FORMATION TOPS

UPPER Mancos - Surface  
FERRON - 1997  
TUNUNK - 2347

APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING

DATE: 12/13/84  
BY: John R. Bryan

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 R. Bryan*

Title: Field Supt.

Date: 12-3-84

(This space for Federal or State office use)

Permit No. .... Approval Date .....

Approved by ..... Title ..... Date .....

Conditions of approval, if any:

u09c4-JNH, R.J.H, ARM

\*See Instructions On Reverse Side

COMPANY Texaco Inc.

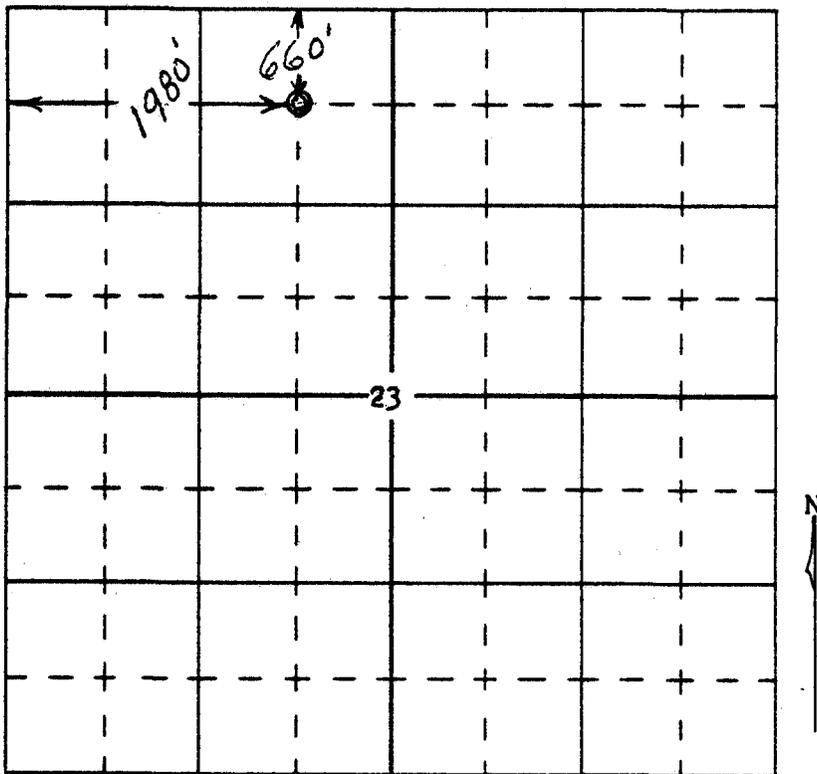
Well Name & No. State of Utah ML-39334 Well No. 1

Location 660 feet from North line and 1980 feet from West line

Being in Carbon County, Utah

Sec. 23, T.14S., R9E., S.L.M.

Ground Elevation 5815



Scale - 4 inches equals 1 mile

Surveyed November 28, 1984

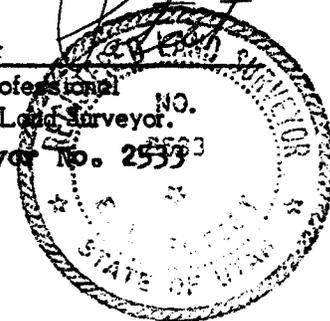
This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.

Seal:

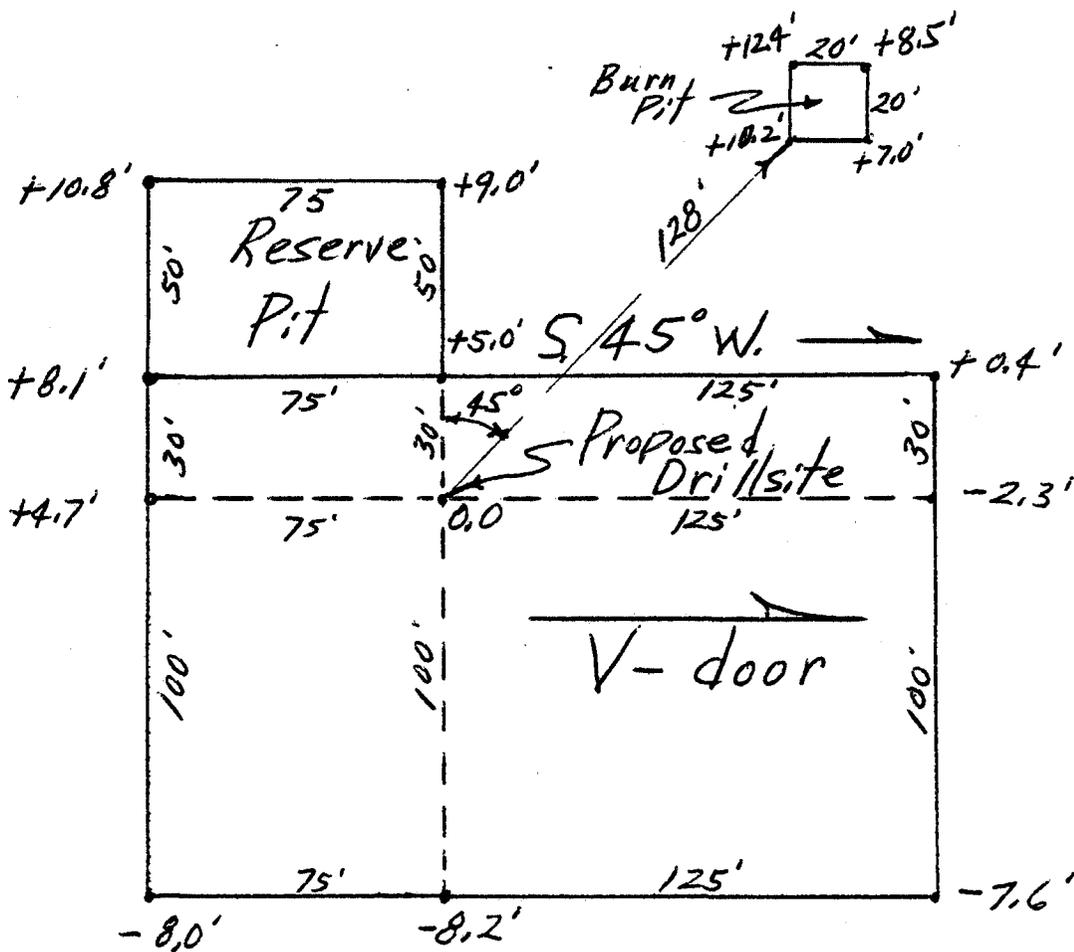


*E. L. P. [Signature]*

Registered Professional  
Engineer and Land Surveyor.  
Utah Surveyor No. 2533



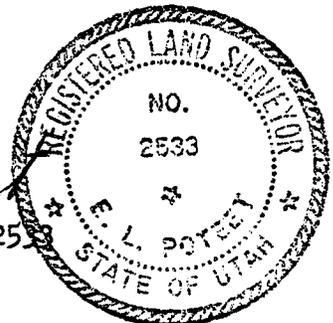
Texaco Inc.  
 State of Utah ML-39334, Well No. 1  
 660' FNL & 1980' FWL, Sec. 23-14S-9E  
 Carbon County, Utah



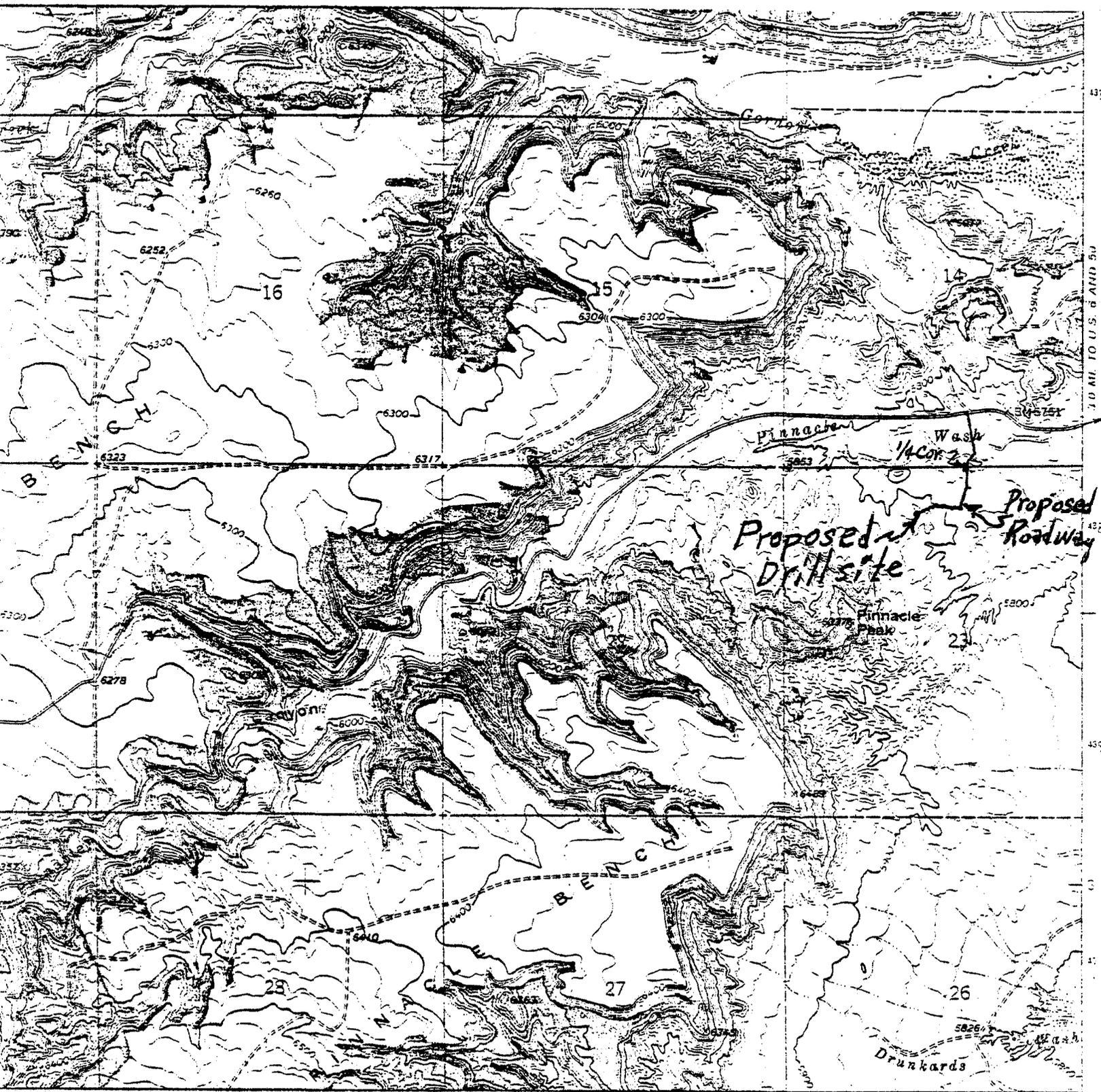
E. L. Poteet  
 P.E. & L.S.

*E. L. Poteet*

Utah Surveyor No. 2533  
 November 29, 1984



Texaco Inc.  
State of Utah ML-39334, Well No. 1  
660' FNL & 1980' FWL, Sec. 23-14S-9E  
Carbon County, Utah



E. L. Poteet  
P.E. & L.S.  
Utah Surveyor No. 2533

*E. L. Poteet*

November 29, 1984

# TEXACO

## CASING PROGRAM

50' 13 3/8 - 40# H-40 St&C  
400 8 5/8 - 24# K-55 St&C  
2350' 4 1/2 - 10.5# K-55 St&C.

## PRESSURE CONTROL EQUIPMENT

BOP's 3000# with blind rams and pipe rams. Preventors will be inspected and operated daily to insure good mechanical working order and inspection record kept on daily drilling report. Preventors will be pressure tested before drilling casing plug.

## MUD PROGRAM

Air mist from surface to TD.

## CORRING, LOGGING AND TESTING

### 1 - 60' core

Well will be logged from surface casing to TD. Well will be perforated and stimulated as required, test will be conducted to determine well potential. Any gas produced during conduct of operations and testing will be flared.

Anticipated bottom hole pressure 1018 psi.

### 1. Existing Road

- a) Well is located approx. 3 miles west of Price, Utah.
- b) The existing County Road in Sec. 14 - T14S - R9E will be used to within 1/2 mile of location. See attached map.

### 2. Planned Access Road

Road will exit from County Road in Sec. 14 - T14S - R9E.

- a) Road will be 24' wide with 16' driving surface, cattle guard and culverts will be installed as required.

### 3. Location of Existing Wells

See attached map.

### 4. Location of Production Facilities.

Any production facilities required will be on well site pad.

### 5. Location of Water Supply

City of Price Utah.

### 6. Source of Construction Material.

Pad Construction material will be obtained from well site.

### 7. Methods of Handling Waste Disposal.

The Reserve Pit will be evacuated deep enough so that its contents are not within 3 feet of surface. Pits will be lined as required. Three sides will be fenced with 2 barbs and woven wire where drilling. The fourth side will be fenced after drilling is completed. All trash will be contained in an approved container and disposed of in an approved disposal site.

# TEXACO

8. Ancillary Facilities  
Any camp facilities will be located on drill pad.
9. Well-site Layout  
See attached drawing.
10. Plans for Restoration of Surface.  
Upon completion of testing, the location and surrounding area will be cleaned of all debris.
11. Lessee's or Operators Representative and Certification.
12. 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.

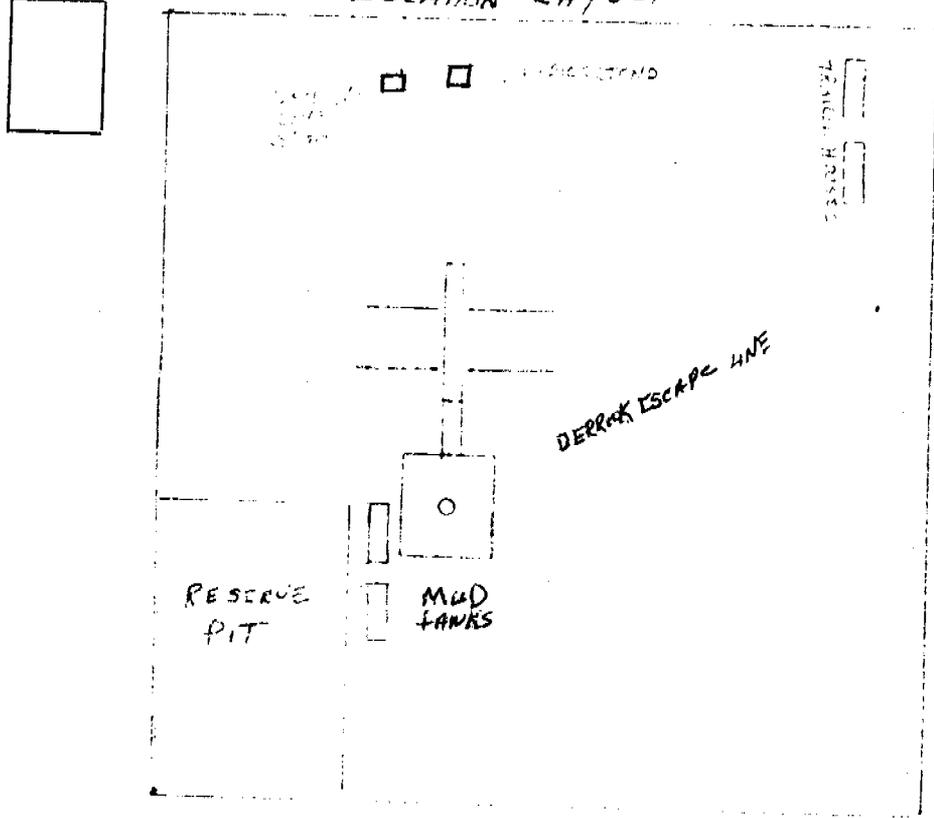
12-3-84  
Date

A. R. Marx  
A. R. Marx  
Field Superintendent  
303-565-8401

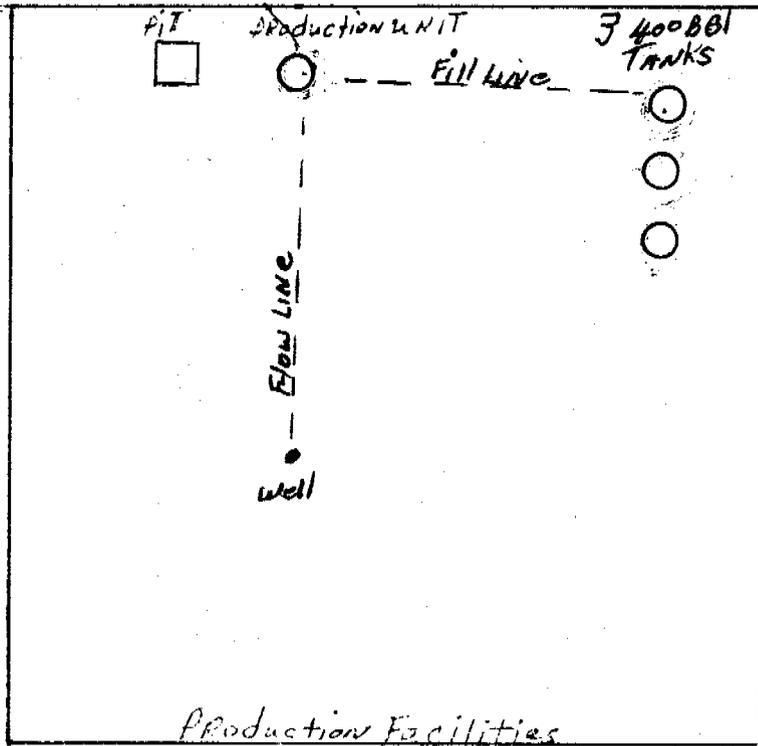
ARM/md

Blooi e Pit.

# LOCATION LAYOUT



POOR COPY



POOR COPY

ONE END OF ONE PIPE JOINT BY THE OTHER  
 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.

**TEXACO** INC  
NEW YORK, N. Y.





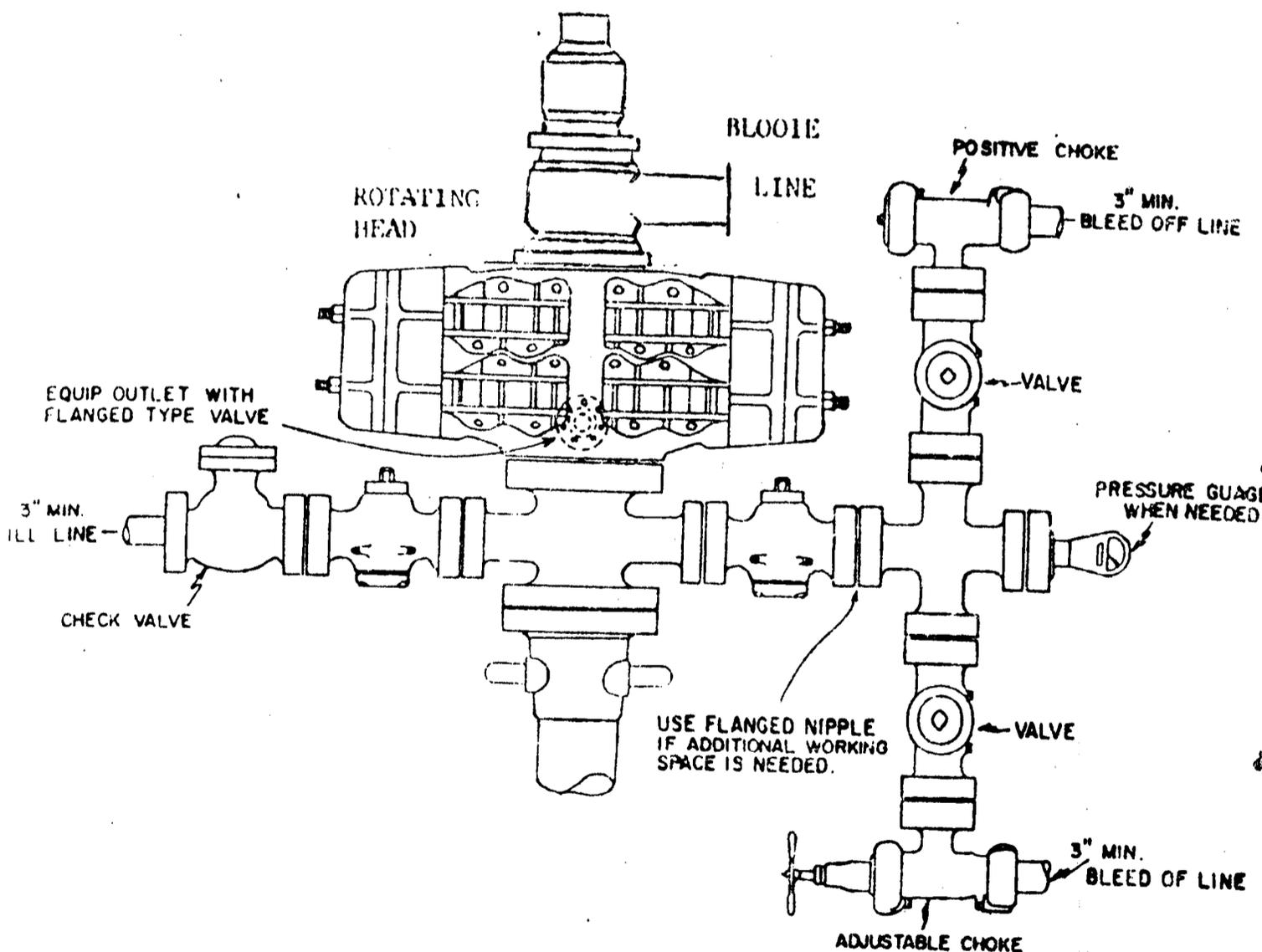
**Minimum equipment requirements are:**

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 sub-structure. 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.

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

APPROVED  
*[Signature]*  
*[Signature]*

<b>THE TEXAS COMPANY</b>	
DENVER, COLORADO	
<b>BLOWOUT PREVENTER ASSEMBLY STANDARD NO. 2</b>	
DRAWN BY M.R.D.	CHKD BY J.R.Z.
DATE 11-8-58	

OPERATOR Lepaco, Inc. DATE 12-11-84  
WELL NAME State of Utah #1  
SEC NE NW 23 T. 14S R. 9E COUNTY Carbon

43-007-30109  
API NUMBER

State  
TYPE OF LEASE

CHECK OFF:

- |   |   |   |
|---|---|---|
| <input checked="" type="checkbox"/> PLAT  | <input checked="" type="checkbox"/> BOND  | <input type="checkbox"/> NEAREST WELL                   |
| <input checked="" type="checkbox"/> LEASE | <input checked="" type="checkbox"/> FIELD | <input checked="" type="checkbox"/> POTASH OR OIL SHALE |

PROCESSING COMMENTS:

No other wells within 4960'  
Need D.O. from Gulf  
Need water permit (Will get from City of Price)

APPROVAL LETTER:

- SPACING:  A-3 \_\_\_\_\_ UNIT  c-3-a \_\_\_\_\_ CAUSE NO. & DATE
- c-3-b  c-3-c

STIPULATIONS:

- 1- Water
- 2- D.O. from Gulf
- 3- State History



December 13, 1984

Texaco, Inc.  
Box EE  
Cortez, Colorado 81321

Gentlemen:

Re: Well No. State of Utah #1 - NE NW Sec. 23, T. 14S, R. 9E  
660' FNL, 1980' FWL - Carbon County, Utah

Approval to drill the above referenced gas well is hereby granted in accordance with Rule C-3 (b), General Rules and Regulations and Rules of Practice and Procedure, subject to the following stipulations:

1. Prior to commencement of drilling, receipt by the Division of evidence providing assurance of an adequate and approved supply of water.
2. Receipt of a Designation of Operator from Gulf Oil Company.
3. Prior to any ground-disturbing activity on state lands or lands owned or controlled by the state or its subdivisions, a cultural resource clearance report must be filed with and approved by the Division of State History, phone (801) 533-4563. A list of acceptable archeological contractors is available from the Division of State History.

In addition, the following actions are necessary to fully comply with this approval:

1. Spudding notification to the Division within 24 hours after drilling operations commence.
2. Submittal to the Division of completed Form OGC-8-X, Report of Water Encountered During Drilling.
3. Prompt notification to the Division should you determine that it is necessary to plug and abandon this well. Notify John R. Baza, Petroleum Engineer, (Office) (801) 538-5340, (Home) 298-7695 or R. J. Firth, Associate Director, (Home) 571-6068.

Texaco, Inc.  
Well No. State of Utah #1  
December 13, 1984  
Page 2

4. This approval shall expire one (1) year after date of issuance unless substantial and continuous operation is underway or an application for an extension is made prior to the approval expiration date.

The API number assigned to this well is 43-007-30109.

Sincerely,



R. J. Firth  
Associate Director, Oil & Gas

as  
Enclosures  
cc: State Lands



STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

Norman H. Bangerter, Governor  
Dee C. Hansen, Executive Director  
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

January 2, 1986

Texaco, Inc.  
Box EE  
Cortez, Colorado 81321

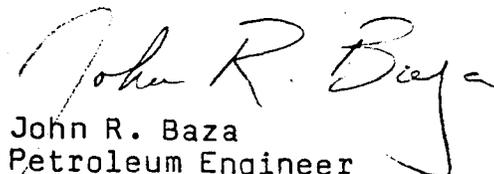
Gentlemen:

Re: Well No. State of Utah #1 - Sec. 23, T 14S, R 9E  
Carbon County, Utah - API #43-007-30109

Due to excessive time delay in commencing drilling operations approval to drill the subject well is hereby rescinded, effective one calendar month from the date of this notice. If any operations have been performed on this well location it is imperative that you notify this division immediately.

A new "Application for Permit to Drill" must be filed with this office for approval, prior to future drilling of the subject location.

Sincerely,

  
John R. Baza  
Petroleum Engineer

cc: Dianne R. Nielson  
Ronald J. Firth  
File

0320/11