

FILE NOTATIONS

Entered in NID File

Entered On S R Sheet

Location Map Placed

Card Indexed

IWR for State or Fed Land

Checked by _____

Cs _____

A: _____

Disapproval _____

COMPLETION DATA:

Date Well Completed _____

Location _____

OW _____

WW _____

TA _____

Band _____

GW _____

OS _____

PA _____

State or Fed Land _____

LOGS FILED

Driller's Log _____

Electric Logs (No.) _____

E _____

L _____

SI _____

GR _____

GR-N _____

Micro _____

Lat _____

MI-L _____

Seis _____

Others _____

I _____



PHILLIPS PETROLEUM COMPANY

P.O. Box 2920
Casper, WY 82602

*M
File*

July 28, 1980

RECEIVED
JUL 28 1980
DIVISION OF
OIL, GAS & MINING

United States Geological Survey
2000 Administration Building
1745 West 1700 South
Salt Lake City, UT 84174

Attn: Mr. Edward Guynn, D.E.

Section 14E
Re: ~~Phillips Bridger Lake Unit~~
Proposed Drilling Well
Summit Co., Utah
UFS: E16-5 (14)
Fork-A9

Gentlemen:

This office filed NTL-6, under date of July 23, 1980 with your office. The surveyor's plat was noted as preliminary and that 3 Certified Location Plats would be submitted after the well location was moved 63.5' NNW to accommodate the drilling rig and not disturb any additional soil.

Form 9-331C showed the correct (i.e. final) line measurement but elevation is now 8895' GR instead of 8894' GR.

Very truly yours,

PHILLIPS PETROLEUM COMPANY

D. J. Fisher
Operations Superintendent

FGL:jg

cc: ~~Utah~~ O&GCC, Salt Lake City (2)

T. J. Jobins, Denver

File

Attachment

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
 Phillips Petroleum Company

3. ADDRESS OF OPERATOR
 P.O. Box 2920, Casper, WY 82602

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
 At surface 963' FNL & 855' FWL
 At proposed prod. zone

5. LEASE DESIGNATION AND SERIAL NO.
 Utah 013146

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
 --

7. UNIT AGREEMENT NAME
 Bridger Lake Unit

8. FARM OR LEASE NAME
 Fork "A"

9. WELL NO.
 9

10. FIELD AND POOL, OR WILDCAT
 Bridger Lake Field

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
 Sec. 24-T3N-R14E

12. COUNTY OR PARISH | 13. STATE
 Summit | Utah

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 15 miles South of Mountain View, Wyoming

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any) 430'

16. NO. OF ACRES IN LEASE 3838 Acres

17. NO. OF ACRES ASSIGNED TO THIS WELL 320

18. DISTANCE FROM PROPOSED* LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 3800'

19. PROPOSED DEPTH 15,800

20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.) 8894 GR

22. APPROX. DATE WORK WILL START* August 15, 1980

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#	500'	Circulate
12-1/4"	9-5/8"	40#	9000'	1000' Fill-up
8-3/4"	7"	26, 29, 32	15,725'	1000' Fill-up

See Transmittal Letter

APPROVED BY THE DIVISION OF
OIL, GAS, AND MINING
DATE: 7/29/80
BY: *[Signature]*

Distribution:

- 5 - USGS, Salt Lake City
- 2 - Utah O&G CC, Salt Lake City
- 1 - T. J. Jobin, Denver
- 1 - File

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.

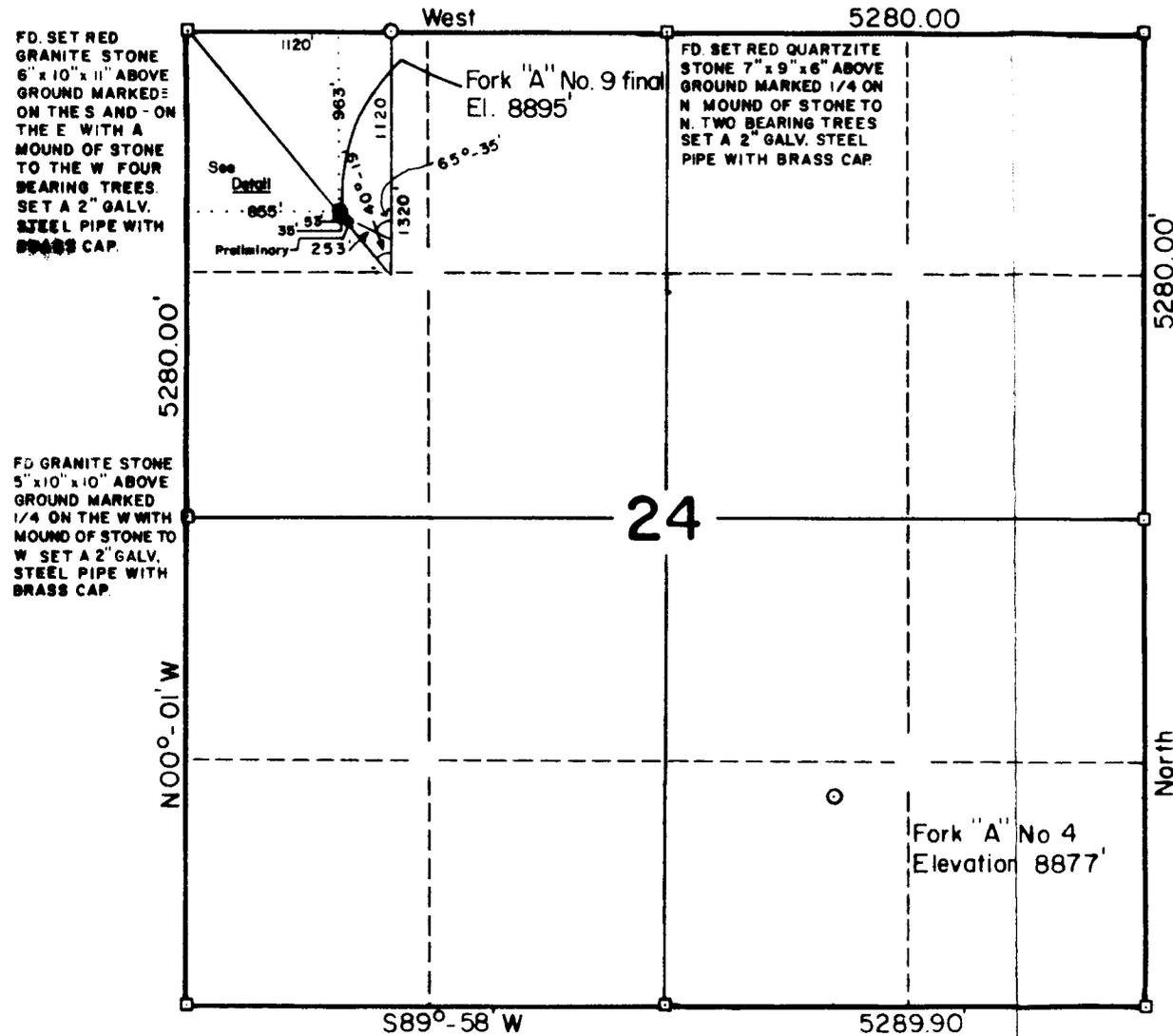
24. SIGNED *[Signature]* TITLE Operations Superintendent DATE July 23, 1980
 (This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

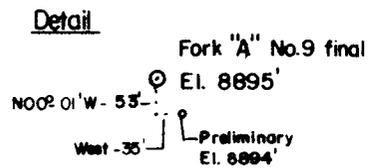
APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

T3N R14E



Elevation is based upon "USFS Triangulation Station = 8670'"



CERTIFICATE OF SURVEYOR

State of Wyoming) ss
 County of Sublette)

I, Paul N. Scherbel of Big Piney Wyoming hereby certify that this map was made from notes taken during an actual survey made by me on 31 July 1966 and that it correctly represents the location described thereon with the section dimensions of record on the official original survey plat of T3N, R14E, SLB. & M.

Paul N. Scherbel

Land Surveyor — Registration no. 1670 - Utah

8 November 1967

Relocation.
 PNS

Survey Checked — 2 June 1980. — PNS.

PHILLIPS PETROLEUM COMPANY
 FORK "A" NO. 9
 NW/4 NW/4 SECTION 24 T3N R14E
 SUMMIT COUNTY, UTAH

Scale 1" = 1000'

Phillips Petroleum Company
P.O. Box 2920
Casper, WY 82602

July 23, 1980

United States Geological Survey (3)
2000 Administration Building
1745 West 1700 South
Salt Lake City, UT 84174

RECEIVED
JUL 28 1980

Attn: Mr. Edward Guynn, D.E.

DIVISION OF
OIL, GAS & MINING

Re: Phillips Bridger Lake Unit
Proposed Drilling Well
Summit Co., Utah

Gentlemen:

Phillips Petroleum Company submits for your approval Form 9-331C APD, (with Survey Plat attached) and the multi-point surface use and operations plan covering drilling, completion and operation of Fork "A" 9, a Bridger Lake Unit Development Well, in compliance with NTL-6.

Information pertinent to Form 9-331C is as follows:

1. Surface formation is Quaternary Gravel.
2. Estimated Geologic Tops are:

Fort Union	8240
Mesa Verde	11050
Hilliard	12735
Frontier	14940
Mowry	15055
Mowry Ss	15265
Dakota	15340
Morrison	15665
Projected TD	15725
3. Oil and gas is expected in the Dakota.
4. Surface casing to 500' will be 13-3/8" 48# H-40, new. Intermediate casing to 9000' will be 9-5/8" 40# S80 and 40# K-55, new. Production casing to 15,725' will be 7" 26# N80, 26#, 29# and 32# S95, new.
5. Blow-out preventers will be 13-5/8" Series 1500 equipment, to be tested initially to 3000 psi; operated daily, and tested weekly to 1500 psi. BOP tests will be conducted on the first trip out of the hole after 12:01 A.M. on each Tuesday, will be supervised by Phillips' and Drilling Contractors' supervisors and duly recorded on Form 3T-4 IADC-API Daily Drilling Report Form, which will remain on the rig floor during operations. BOP tests will be conducted in accordance with Phillips' Standards, copy attached, as Figure 1.

6. Drilling fluid will be a low-solids, non-dispersed fresh water based drilling mud of 9.0-9.2 ppg, 36-44 viscosity 4-6 ml filter loss, 10-10.5 pH to 12,500. At 12,500 (prior to penetrating the Hilliard Shale) the mud will be converted to a Drispac/DAP inhibited system, with Flosal, bentonite and Soltex added for desired rheological properties. A 9.0-9.2 ppg, 40-46 viscosity, 2-3 ml Filter Loss and 1 to 2% (by volume) of oil mud will be maintained to 14,700' at which point mud weight will be increased to 10.4-10.5 ppg, 38-44 viscosity, 2 ml Filter Loss, 10-10.5 pH and continued to TD. Adequate stocks of weighting material and additives will be stored at the drill site to handle any situation.
7. Auxilliary equipment to be used is: Kelly Cocks-Yes; floats in drill string-No; Monitoring Mud-Yes; Sub on the floor with full-opening valve-Yes.
8. No DST's or coring is planned; open hole logging will be Micro-SPL/ Dual Laterlog from base of surface to TD, Compensated Neutron/FDL from 50' above Frontier to TD; Cased hole logs will be GR-PCL and CBL.
9. No abnormal pressures or temperatures are anticipated nor is Hydrogen Sulfide gas expected.
10. Anticipated starting date is dependent upon rig availability and terms, with negotiations currently underway. Earliest anticipated starting date is August 15, 1980 and drilling operations should require 130-140 days and completion 20-30 days.

The following pertains to the Northern Rocky Mountain Checksheet for NTL-6 Multipoint Requirements to Accompany APD:

1. Existing Roads

- A. Figure 2 shows proposed well site.
- B. Figure 3 shows well site and boundary of Bridger Lake within the Wasatch National Forest. Well site is approximately 14 miles south of Mountain View, Wyoming.
- C. Access road is shown in red on Figure 2.
- D. Not an exploratory well.
- E. Figure 2 shows roads within one mile of this development well.
- F. Roads will be maintained by patrol grader.

2. Planned Access Roads

No construction of access roads will be required.

3. Location of Existing Wells

Figure 2 shows location of the following:

- (1) Water well is located near the field office at Fork A 1. Well is shallow, equipped with submersible electric pump. Water is not potable.
- (2) Fork A 12, Sec. 13, is abandoned.
- (3) There are no temporarily abandoned wells.
- (4) Fork A 11, located in Wyoming and indicated by a triangle, is the only disposal well.
- (5) Fork A 9, NW Section 24, will be a drilling well.
- (6) Fork A 2, 7, 8 and 10 are producing wells.
- (7) Fork A 1, 3, 4 and 6 are shut-in wells.
- (8) Fork A 5, SE Section 23 and designated by a solid arrow, is an active injection well. Fork A 1, SE Section 25 and designated by an open arrow, is a proposed injection well.
- (9) There are no monitoring wells, as such; although wells listed in (7) above, are periodically used to measure bottom-hole pressure in field-wide surveys.

4. Location of Existing and/or Proposed Facilities

- A. (1) Principal tank battery is in center of SW Section 25.
Satellite battery is in center of SE Section 23.
(2) Production Facilities are at the principal tank battery.
(3) (4) (5) (6) Lines tie Fork A 2, 3, 7 and 9 to the principal battery and Fork A 4, 5, 6, 10 and 11 are tied into the satellite battery. All lines parallel the existing roads, except for Fork A 10, where the line (shown as dot-dash) extends SE of Fork A 10. All lines are buried.
(7) A temporary rig fuel (gas) line will be laid above ground and parallel to the road from the satellite battery to furnish fuel to the rig.
- B. In the event the well is productive, lead line would be buried along side the existing road and Fork A 9 would be tied into the satellite battery. No additional facilities would be required.
- C. Rehabilitation of disturbed areas no longer needed would be as directed by the Forestry Service; See Paragraph 7, below.

5. Location and Type of Water Supply

- A. Water will be hauled by truck from nearby streams and ponds.
B. No pipelines would be needed and existing roads would be utilized.
C. No water well will be drilled.

6. Source of Construction Materials

- A. B. C. D. No surface disturbance is planned as road and location were constructed in 1967, only necessary removal is of lodge pole pine that regenerated since construction.

7. Methods for Handling Waste Disposal

- (1) The entire area will be fenced. The fence will be four strand barbed wire, 48 inches high with five steel posts to one cedar or treated post. Stress panels and corner panels will be cedar or treated posts. A four strand barbed wire gate will be made for the access road if the site is not occupied at all times the gate can be closed to preclude public entrance.
(2) Pits will be pumped and hauled off National Forest within 60 days of completion of exploration and as needed during exploratory drilling.
(3) All trash and garbage will be placed in wire cages or trailers and hauled off National Forest and disposed of in a sanitary landfill.
(4) A drainage diversion ditch will be located above the exploration site to assure that no overland flows reach the exploration site.
(5) Sign road #80387 and exploration site is closed to the public. Sign Forest Services roads #80017 and #80077 to warn public of truck traffic using road.
(6) Chemical toilets will be used and all waste will be hauled off National Forest.
(7) Grey water may be disposed of by digging pits and burying a culvert upright and filling it with gravel.
(8) No open fires will be allowed on site.

8. No ancillary facilities are planned.

9. Well site layout

Figures 4a and 4b show the proposed rig layout.

- (1) Omitted as construction completed.
- (2) See Figure 4.
- (3) See Figure 4.
- (4) Pits will be unlined due to temporary nature (see 7 (2) above), the fact the drilling additives are largely biodegradable and the principal mud additive is DAP (Di Ammonium Phosphate), is a fertilizer.

10. Plans for Restoration of Surface

- (1) (2) Upon completion of exploration all unnecessary portions of the site will be contoured and reclaimed. Upon abandonment of the site soil will be laid back to its natural contour and covered with topsoil. Revegetation of the area will be done with a Forest Service approved seed mixture and the area fertilized with ammonium sulfate at 100 pounds per acre and 50 pounds of super phosphate. If seeding does not catch the first year, reseeding will be required.

SEED MIXTURE:

Intermediate wheatgrass...3 lb/acre	Green needle grass.....1/2 lb/acre
Pubescent wheatgrass.....3 lb/acre	Needle and thread grass.1/2 lb/acre
Orchard grass.....3 lb/acre	Smooth Brome.....4 lb/acre
Fairway wheatgrass.....1 lb/acre	Ladak Alfalfa.....2 lb/acre
Russian wildrye.....1 lb/acre	Yellow Blossum Sweet Clover 1/2 lb/acre
Kentucky bluegrass.....4 lb/acre	Dutch White Clover.....2 lb/acre

- (3) Fenced area will be retained until pits have been pumped and filled in.
- (4) Any oil on pit will be removed.
- (5) Rehabilitation will commence in the Spring of 1981.

11. Other Information

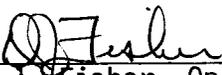
- (1) Location in the Wasatch National Forest is mountainous, covered with 6" Lodgepole Pine. Soil is gravelly, sandy loam over a gravelly clay loam subsoil. Timbering activity is moderate. Big game (mostly elk, moose and mule deer) migrate through the area.
- (2) The other surface use activities include timbering and recreational such as hiking, back-packing and fishing in the summer, hunting in the fall and snow-mobiling and skiing in the winter. Drilling and producing operations have been conducted in the area for 15 years with no adverse impact. Surface owner is National Forest Service.
- (3) There are no occupied dwellings in the vicinity and no nearby cultural, historical or archeological sites.
- (4) If the Dakota zone is productive, the indicated pay zone from logs will be perforated through tubing after a permanent packer has been set, and wellhead installed and pressure tested. Based upon the other wells, it is expected the well will flow naturally. Should a stimulation be required, prior approval will be obtained by filing Form 9-331. Past stimulations have been small (i.e. 5000 gallon) of OSA treatments; Fork A 7 was fraced with 65,000 gallons of gelled 2% KCL water, so no fracturing involving flammable fluids is contemplated.

12. Lesse's or operators representative is P. R. Armstrong, Box 507, Mountain View, Wyoming 82939, telephone (307) 782-6381 (business) or (307) 782-6150 (residence).

13. Certification

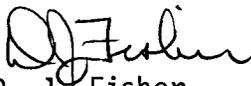
I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and, that the work associated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

7/23/80
DATE


D. J. Fisher, Operations Supt.

Very truly yours,

PHILLIPS PETROLEUM COMPANY


D. J. Fisher
Operations Superintendent

FGL:jg

Attachment

ENVIRONMENTAL ASSESSMENT

Phillips Petroleum Company

Fork "A" #9
Lease U-013146

Mountain View Ranger District
Wasatch National Forest
Mountain View, Wyoming 82939
Region 4

Responsible Officer: Chandler P. St. John
Forest Supervisor
Wasatch National Forest

For Additional Information Contact: Roderick Howard
District Ranger
Mountain View Ranger District

TABLE OF CONTENTS

page

FINDING OF NO SIGNIFICANT EFFECT

I.	SUMMARY.....	1
II.	INTRODUCTION.....	1
	A. Need for a decision.....	1
	B. Geographical location.....	1
	C. Background and major issues.....	1
III.	AFFECTED ENVIRONMENT.....	2
	A. Soil and water.....	2
	B. Wildlife.....	2
	C. Vegetation.....	2
	D. Range.....	2
	E. Aesthetic values.....	2
	F. Minerals.....	3
	G. Public safety.....	3
	H. Social and cultural values.....	3
IV.	EVALUATION CRITERIA.....	5
V.	ALTERNATIVES CONSIDERED.....	5
VI.	EFFECTS OF IMPLEMENTATION OF EACH ALTERNATIVE.....	6
VII.	EVALUATION OF ALTERNATIVES.....	9
VIII.	IDENTIFICATION OF FOREST SERVICE PREFERRED ALTERNATIVE.....	9
IX.	CONSULTATION WITH OTHERS.....	10
X.	FOREST SERVICE INTERDISCIPLINARY TEAM.....	12

APPENDIX

VII. EVALUATION OF ALTERNATIVES

Each alternative is rated on a 1 to 5 basis as to how well it meets the selection criteria. The lowest in ability to meet the selection criteria is rated as 1 while 5 is the highest.

	A	B	C
Compliance with federal and state laws and regulations.	1	5	4
Minimizes soil, water and vegetative disturbance.		4	1
Maximizes the opportunity for oil & gas discovery.		5	5
Protects wildlife and wildlife habitat.		4	3
Provides for the greatest opportunity for rehabilitation.		5	1
Total	1	23	14

see section V for description of alternatives

VIII. IDENTIFICATION OF FOREST SERVICE PREFERRED ALTERNATIVE

Alternative B, Fork "A" #9, is the Forest Service preferred and selected alternative. This site is within the Bridger Lake Unitized Lease of Phillips Petroleum Company and will allow Phillips Petroleum Company to execute their legal right to explore for oil and gas. This site is already established and will mean no further disturbance to the surface resource and a minimum of disturbance to wildlife and wildlife habitat.

IX. CONSULTATION WITH OTHERS

An unapproved copy of the Environmental Assessment was sent to the following individuals and groups. If omitted mitigating factors favorable to the protection of environment, social or economic values are brought to our attention they will be incorporated into the Environmental Assessment. (see appendix for comments)

1. Utah Wilderness Association
Attn: Dick Carter
523 Judge Bldg.
Salt Lake City, Utah 84111
2. Bill Babcock
1716 West Summit
Evanston, Wyoming 82930
3. Harlan C. Bennedict
Benedict Trading Company
111 East Second Street
Mountain View, Wyoming 82939
4. Cliff Butter
2854 Sleepy Hollow
Salt Lake City, Utah 84117
5. Mike Cowley
998 South 800 East
Salt Lake City, Utah 84105
6. Evanston Chamber of Commerce
Evanston, Wyoming 82930
7. Brad Harmon
P. O. Box 152
Price, Utah 84501
8. Cal Hickey
Lonetree, Wyoming 82936
9. Joe Hickey
Lonetree, Wyoming 82936
10. High Uintas Wilderness Coalition
Attn: Margret Pettis
P. O. Box 1231
Salt Lake City, Utah 84110
11. James Kay
4463 Wander Lane
Salt Lake City, Utah 84117
12. Steve Kearl
Box 3
Echo, Utah 84024
13. Chris Kelley
163 South 1300 East #2
Salt Lake City, Utah 84102
14. Gary McFarlane
565 East 200 North
Pleasant Grove, Utah 84062
15. Mike McKeough
64 I Street, #6
Salt Lake City, Utah 84103
16. Jewel F. Meeks
213 East 6th South
Salt Lake City, Utah 84111
17. Elizabeth Mott
775 East 800 South
Orem, Utah 84057
18. Merilee Mott
775 East 800 South
Orem, Utah 84057
19. Phillips Petroleum Company
1300 Security Life Building
Denver, Colorado 80202
20. C. Clyde Polson
Mountain View, Wyoming 82939
21. Eric Rechel
45 North 400 West
Logan, Utah 84321
22. Bill Schoenfeld
635 East 150 South
Kaysville, Utah 84037

EFFECTS OF IMPLEMENTATION OF EACH ALTERNATIVE

	<u>NO ACTION</u> <small>NAME</small> ALTERNATIVE <u> A </u>	<u>PHILLIPS FORK "A" #9</u> <small>NAME</small> ALTERNATIVE <u> B </u>	<u>ALTERNATIVE SITES</u> <small>NAME</small> ALTERNATIVE <u> C </u>	<small>NAME</small> ALTERNATIVE <u> D </u>
<u>ELEMENTS ANALYZED</u>	<u>EFFECTS</u>	<u>EFFECTS</u>	<u>EFFECTS</u>	<u>EFFECTS</u>
PROTECTS WILDLIFE AND WILDLIFE HABITAT		Would cause minor disturbance to elk, deer and moose by the increase in oil crew traffic. There will be no further disturbance to wildlife habitat as the site is already established.	Alternative sites could have minor to major effects upon wildlife dependent upon a new site location. An alternative site would only decrease the amount of wildlife habitat.	
PROVIDES FOR THE GREATEST OPPORTUNITY FOR REHABILITATION.		This alternative provides for reclamation of any portion of or all of the established site which would be of no further use upon completion of drilling.	Dependent upon the selected location of an alternative site reclamation could be relatively easy to difficult. This alternative delays the opportunity to reclaim any portion of or all of the established site which would be of no further use upon completion of drilling.	

FINDING OF NO SIGNIFICANT EFFECT
AND RECORD OF DECISION

PHILLIPS PETROLEUM COMPANY DRILLING

FORK "A" #9
USDA Forest Service
Wasatch National Forest

Based on the analysis described in the Environmental Assessment, the Phillips Petroleum Company application for drilling an exploratory well is a legal use of the National Forest. My decision is to approve Alternative B, Fork "A" #9 in the NE $\frac{1}{4}$, SW $\frac{1}{4}$, NW $\frac{1}{4}$, Sec. 24, T 3 N, R 14 E, Salt Lake Meridian, Summit County, Utah.

Alternative B combines the best combination of physical, biological and social benefits and is considered to be the environmentally preferable alternative.

I have further determined that this proposal is not of significant impact socially or environmentally to warrant an Environmental Statement. The proposal is within the Bridger Lake Unitized Lease of Phillips Petroleum Company.

Chandler S. St. John
Forest Supervisor

July 30, 1980
Date

I. SUMMARY

Phillips Petroleum Company has applied for an exploration drilling permit on their Bridger Lake Unitized Lease, U-013146. To those having oil and gas leases, exploratory drilling is a right. Forest Service officials did not determine need to drill, but considered location and mitigating opportunities. Phillips Petroleum Company proposes to drill a site in NE $\frac{1}{4}$, SW $\frac{1}{4}$, NW $\frac{1}{4}$, Sec. 24, T 3 N, R 14 E, Salt Lake Meridian. This site, Fork "A" #9, was approved on an Application for Permit to Drill (Form 9-331) dated November 10, 1967. The location at that time was cleared and an access road built. The site was never drilled.

II. INTRODUCTION

A. Need for a decision

Phillips Petroleum Company has the Bridger Lake Unitized Lease on the Wasatch National Forest. (see map A) Since 1965 Phillips Petroleum Company has drilled 11 producing wells in this field. Phillips Petroleum Company has requested to explore for further oil and/or gas within the Wasatch National Forest. The need for a decision is to allow Phillips Petroleum Company to explore for oil and gas, maximizing their opportunity to find a new discovery, while protecting surface resources and complying with all state and federal laws.

B. Geographical Location (see map B)

The proposed drilling site is located in NE $\frac{1}{4}$, SW $\frac{1}{4}$, NW $\frac{1}{4}$, Sec. 24, T 3 N, R 14 E, Salt Lake Meridian, Summit County, Utah. The location is approximately fifteen miles south of Mountain View, Wyoming.

C. Background and Major Issues

The area is located well within the National Forest boundary and all adjoining lands are National Forest lands. Phillips Petroleum Company had obtained approval in 1967 from both U. S. Geological Survey and U.S. Forest Service. The site at that time was cleared and an access road built. Through the 1970 Plan of Development for the Bridger Lake Unit both the U. S. Geological Survey and the U. S. Forest Service were advised that the site would not be drilled. Since 1970 the site has been used for storage only. Presently two producing wells #5 and #12 are each within one mile of the proposed Fork "A" #9.

The major items of concern are:

1. Public safety.
2. Big game disturbance.
3. Maximizing opportunity for locating oil and gas.
4. Other values, such as aesthetics, soil, vegetation and water disturbances, loss of range, and loss or damage to cultural resources are not believed to be of major concern as this site has already been disturbed for twelve years and no other surface disturbance will be

necessary as the site and road have already been built.

III. AFFECTED ENVIRONMENT

A. Soil and Water

The site is located on the landtype M6, knob and kettle moraine. The dominate soil is a thin, dark surface and a lighter colored sub-surface of gravelly, sandy loam over a gravelly clay loam subsoil. The substrata of gravelly, loamy sands are reached within four to six feet. Stony ground exists on most of the knobs and ridges. In the depressional areas, two to five feet of sometimes cobbly silt and clay layerings have washed in over the substrata. Some of these have thick, dark surfaces and most are poorly drained. Inherent erosion hazard and mass stability hazard are moderately low. The depressional areas have poor compaction qualities and seasonal high water tables. Timber productivity is medium. Herbage productivity is moderately high. Slopes range from 10 to 20%. Precipitation averages 24 inches per year, with 70% coming in October through May in the form of snow. To the east of Phillips Fork "A" #9 within .3 mile is Henrys Fork and Dahlgreen Creek is .75 mile to the west.

B. Wildlife

The primary concern of wildlife in the area is big game. The affected species are elk, moose and mule deer. Elk migrate through this area on their way to and from winter and summer ranges. During the proposed operation elk will possibly be forced to migrate $\frac{1}{4}$ mile further from the area due to mans activity. Mule deer use the area in late spring, summer and early fall. The activity should have a minor effect on mule deer as the site is immediately adjacent to lodgepole stands which would provide escape cover. Moose using both Henrys Fork and ponds in the area may be disturbed due to increased traffic and other human activity.

C. Vegetation

The only disturbance to vegetation would be the necessary removal of young lodgepole pine (less than four feet tall) which have regenerated the site since construction in 1967 and 1968.

D. Range

The proposed project would have no effect on the amount of forage as the site has previously been disturbed and there is no forage on the site at present. Rehabilitation of those portions of the site which are not required after drilling will be necessary. Upon abandonment of the site, the area will be put back to a natural contour and reseeded.

E. Aesthetic Values

The site is located so as not to be visible from major roads. In order for the site to be seen from any road, traffic would have to

be using road #80387, a road under Forest Service jurisdiction but maintained by Phillips Petroleum Company. The site is within a moderate visual impact area.

F. Minerals

Phillips Petroleum Company has an existing field within their Bridger Lake Unit which indicates the potential for oil and/or gas production from proposed Fork "A" #9. Presently Phillips Petroleum Company has two producing wells which are within one mile of proposed Fork "A" #9. No other minerals are known to exist in the area.

G. Public Safety

Increased vehicular traffic and well drilling activity will create hazards and potential accidents to workmen and forest visitors. Stop sign, warning signs of large truck traffic and closure of road #80387 (see map C) should be required to protect those involved in the drilling activity and the general public.

H. Social and Cultural Values

1. Population and Economics

The population of Bridger Valley is increasing with the continued development of new chemical mines and oil discoveries. Present population is near 3000 and increases are expected to continue. An exploratory well of this size may cost as much as \$2,000,000 and directly or indirectly affect much of the local economy. Should another producing well be discovered in the Bridger Lake Unitized Lease, it could only have a favorable economic impact upon the region and nation.

2. Cultural and Historic

Since the site has been disturbed and there will be no further disturbance done, Regional Archeologist Evan I. DeBlois, believed there would be no need for an archeological survey.

3. Federal and State Laws

a. Minerals including oil and gas are a legitimate part of the Forest Service Multiple Use Concept. Oil and gas leases may be acquired on any National Forest land except those withdrawn from mineral entry. When an oil and gas lease is allowed, exploration can not be prohibited. Ingress and egress to the leased area must be allowed. Surface disturbance can be mitigated and exploration may be coordinated with other forest users.

b. U. S. Geological Survey limits exploration to certain distances from lease boundaries.

C. The State of Utah requires that well drilling be confined to a limited area in the center of each legal subdivision of forty acres. This rule is to prevent the drainage of oil and/or gas from a neighboring forty acre lease. This rule may be waived for extenuating circumstances.

IV. EVALUATION CRITERIA

The preferred alternative will be selected on how well it meets the following criteria:

- A. Complies with state and federal laws and regulations.
- B. Minimizes soil, water and vegetation disturbances.
- C. Maximizes opportunity for oil and gas discovery.
- D. Protects wildlife and wildlife habitat.
- E. Provides for greatest opportunity for rehabilitation.

V. ALTERNATIVES CONSIDERED

Three alternatives were considered. Phillips Petroleum Company proposed one site, the present existing site. The interdisciplinary team considered the existing site and looked at other areas to develop a site. The required alternative of no action was also considered.

DESCRIPTION OF THE ALTERNATIVES

A. No Action - no exploratory drilling will be allowed. This alternative was considered but was found not to comply with federal or state leasing laws. This action would deny the lease holder the right to explore on this federal lease. This alternative will be given no further consideration.

B. Phillips Petroleum Company Site Fork "A" #9, located in NE $\frac{1}{4}$, SW $\frac{1}{4}$, NW $\frac{1}{4}$, Sec. 24, T 3 N, R 14 E, Salt Lake Meridian, Summit County, Utah.

MANAGEMENT REQUIREMENTS AND CONSTRAINTS

1. The entire four acre area will be fenced. The fence will be four strand barbed wire, 48 inches high with five steel posts to one cedar or treated post. Stress panels and corner panels will be cedar or treated posts. A four strand barbed wire gate will be made for the access road so if the site is not occupied at all times the gate will be closed to preclude public entrance.
2. Pits will be pumped and hauled off National Forest within 60 days of completion of exploration and as needed during exploratory drilling.
3. All trash and garbage will be placed in wire cages or trailers and hauled off National Forest and disposed of in a sanitary landfill.
4. A drainage ditch will be constructed and maintained above the exploration site to assure that no overland flows reach the exploration site.
5. Install a sign at the exploration site entrance which reads "CLOSED TO PUBLIC". Install signs on Forest Service roads #80017 and #80077 to warn the public of truck traffic using the roads.
6. Chemical toilets will be used and all waste will be hauled off National Forest.

7. Grey water will be disposed of in reserve pit and subsequently hauled off National Forest.

8. No open fires will be allowed on site.

9. Upon completion of exploration all unnecessary portions of the site will be contoured and reclaimed. Upon abandonment of the site soil will be laid back to its natural contour and covered with topsoil. Revegetation of the area will be done with a Forest Service approved seed mixture and the area fertilized with ammonium sulfate at 100 pounds per acre and 50 pounds of super phosphate. If seeding does not catch the first year, reseeding will be required.

SEED MIXTURE:

Timothy.....	4 lb/acre
Intermediate wheat grass.....	9 lb/acre
Pubescent wheat grass.....	9 lb/acre
Smooth brome.....	10 lb/acre
Orchard grass.....	4 lb/acre
Yellow sweet clover.....	4 lb/acre
Ladak alfalfa.....	4 lb/acre

10. When conditions are such that dusting results in hazardous driving conditions or there is an appreciable loss of road surface or binding material, road surface will be sprinkled with water.

11. Snow will be removed by plowing it from the roadway in a manner that will preserve the road surface, permit proper drainage and protect adjacent resources.

C. Other areas within the general area of the presently disturbed site Fork "A" #9.

MANAGEMENT REQUIREMENTS AND CONSTRAINTS

1. During construction, topsoil will be stripped and stockpiled for use in reclaiming the exploration site upon completion and abandonment of the site.

2. See management requirements and constraint B 1. through B. 11.

VI. EFFECTS OF IMPLEMENTATION OF EACH ALTERNATIVE

The effects of implementation of each alternative is shown on the following table (Form B).

EFFECTS OF IMPLEMENTATION OF EACH

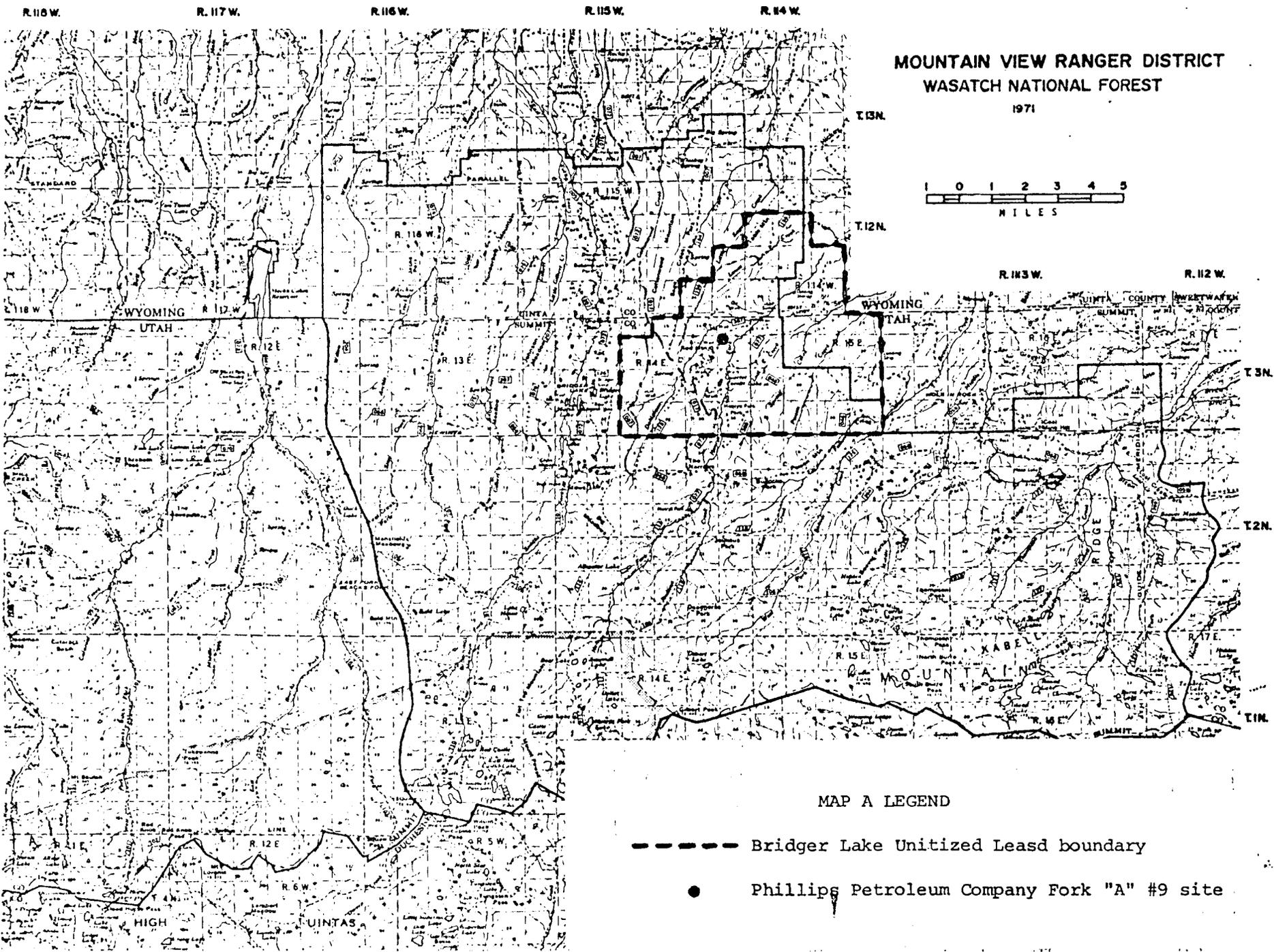
	NO ACTION NAME ALTERNATIVE <u>A</u>	PHILLIPS FORK "A" #9 NAME ALTERNATIVE <u>B</u>	ALTERNATIVE SITES NAME ALTERNATIVE <u>C</u>
ELEMENTS ANALYZED	EFFECTS	EFFECTS	EFFECTS
FEDERAL & STATE LAWS	Does not comply with federal or state oil & gas leasing laws and therefore is not a valid alternative.	In total compliance with federal and state oil & gas leasing laws and regulations.	In total compliance with federal and state oil & gas leasing laws and regulations.
MINIMIZES SOIL WATER & VEGETATIVE DISTURBANCES.		Established site has already been cleared of vegetation. Reserve pit and access road are already developed therefore there will be no further need for soil disturbance. The only vegetative disturbance will be to minor amounts of grasses, forbs and lodgepole saplings which have established naturally.	Will require the clearing of vegetation and leveling of 3.5 to 4.0 acres of undisturbed area for drill site and reserve pit. Will require further acreage disturbance for new road required to access any new site
MAXIMIZES OPPORTUNITY FOR OIL & GAS DISCOVERY		Phillips Petroleum Company seismic work and past drilling indicates potential oil and gas bearing strata below this site.	Dependent upon the relocation of drilling site Phillips Petroleum Company would still be able to extract oil and gas from the potential oil and gas bearing strata below Fork "A" #9 site.

23. Sierra Club
93 East 1st South
Logan, Utah 84321
24. Slickrock Outdoor Society
Attn: George Mickas
685 East 900 North
Price, Utah 84501
25. Loretta Stevens
553 North Main
Alpine, Utah 84003
26. Summit County Commissioners
Summit County Courthouse
Coalville, Utah 84017
27. Richard Taylor
Lonetree, Wyoming 82936
28. Town of Lyman
Lyman, Wyoming 82937
29. Town of Mountain View
Mountain View, Wyoming 82939
30. Uinta County Commissioners
Uinta County Courthouse
Evanston, Wyoming 82930
31. Utah Chapter Sierra Club
Attn: Brian Beard
2048 La Cresta Drive
Salt Lake City, Utah 84121
32. Utah Chapter Sierra Club
Attn: Jim Catlin
P. O. Box 8393
Salt Lake City, Utah 84108
33. Utah Division of Wildlife Resources
1596 West North Temple
Salt Lake City, Utah 84116
34. Wasatch Mountain Club
Attn: Walter O. Haas
717 - 9th Avenue
Salt Lake City, Utah 84103

X. FOREST SERVICE INTERDISCIPLINARY TEAM

Robert J. Odden.....Forester and Team Leader
Roderick Howard.....District Ranger
Craig Woods.....Wildlife Biologist
Richard Zobell.....Range Conservationist

APPENDIX



**MOUNTAIN VIEW RANGER DISTRICT
WASATCH NATIONAL FOREST**

1971



MAP A LEGEND

- Bridger Lake Unitized Lease boundary
- Phillips Petroleum Company Fork "A" #9 site

**UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK			5. LEASE DESIGNATION AND SERIAL NO. Utah 013146 6. IF INDIAN, ALLOTTEE OR TRIBE NAME -- 7. UNIT AGREEMENT NAME Bridger Lake Unit 8. FARM OR LEASE NAME Fork "A" 9. WELL NO. 9 10. FIELD AND POOL, OR WILDCAT Bridger Lake Field 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 24-T3N-R14E 12. COUNTY OR PARISH 13. STATE Summit Utah
1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>			
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>			
2. NAME OF OPERATOR Phillips Petroleum Company			
3. ADDRESS OF OPERATOR P.O. Box 2920, Casper, WY 82602			
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 963' FNL & 855' FWL At proposed prod. zone			
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 15 miles South of Mountain View, Wyoming			
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)	430'	16. NO. OF ACRES IN LEASE 3838 Acres	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.	3800'	17. NO. OF ACRES ASSIGNED TO THIS WELL 320	
19. PROPOSED DEPTH 15,800	20. ROTARY OR CABLE TOOLS Rotary		
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 8894 GR		22. APPROX. DATE WORK WILL START* August 15, 1980	

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#	500'	Circulate
12-1/4"	9-5/8"	40#	9000'	1000' Fill-up
8-3/4"	7"	26, 29, 32	15,725'	1000' Fill-up

See Transmittal Letter

Distribution:

- 5 - USGS, Salt Lake City
- ~~2~~ - Utah O&G CC, Salt Lake City
- 1 - T. J. Jobin, Denver
- 1 - File

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 D. J. Fisher TITLE Operations Superintendent DATE July 23, 1980
 (This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

CERTIFICATE OF SURVEYOR

State of Wyoming
County of Sublette

I, Paul N. Schmitt, of the State of Wyoming hereby certify that this map was made from notes taken during an actual survey made by me on 21 July 1966 and that it correctly represents the land as described therein with the section dimensions of record on the official original survey plat of T3N, R14E, SLB 8 M.

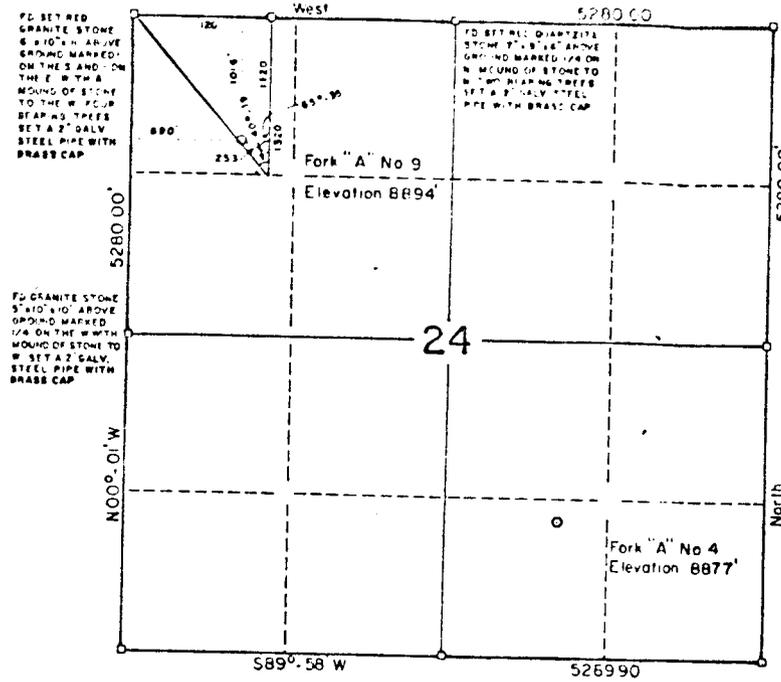
Paul N. Schmitt

Land Surveyor — Registration no. 1670 - Utah

4 November 1967
Relocation
PNS

Survey Checked — 2 June 1980 — PNS

T3N R14E

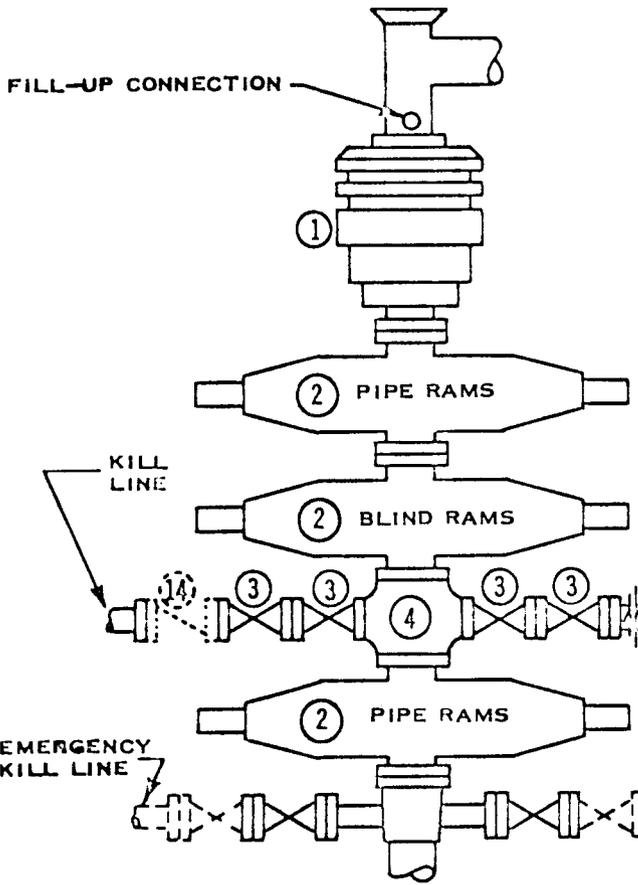


Note: In order to conform with Drilling Rig layout, location is being restaked, 35' W and 53' N. Restaked line measurements will be 855' FWL & 963' FNL. Revised Certified Plat will be submitted as soon as restaking is completed.

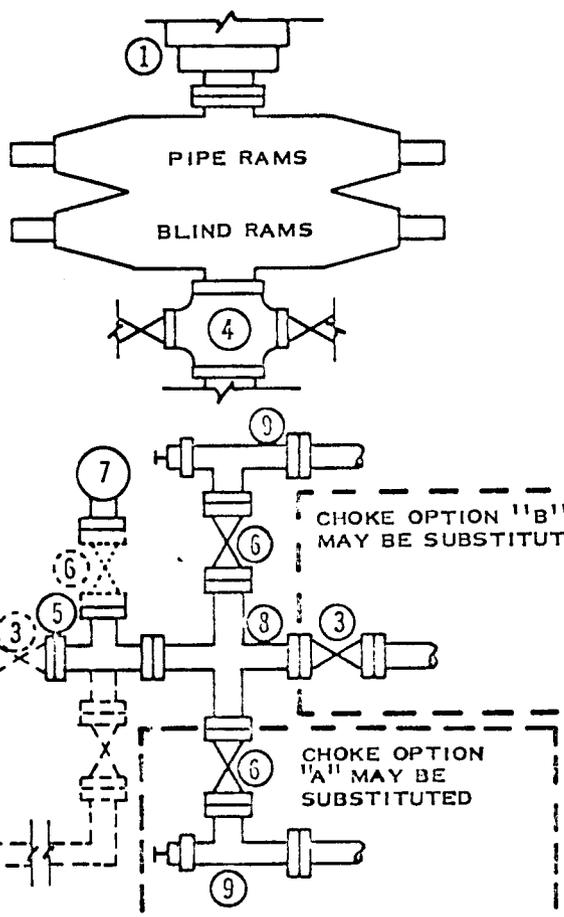
PHILLIPS PETROLEUM COMPANY
FORK "A" NO. 9
NW/4 NW/4 SECTION 24 T3N R14E
SUMMIT COUNTY, UTAH

Scale 1" = 1000'

----- OPTIONAL EQUIPMENT



DOUBLE PREVENTER OPTION

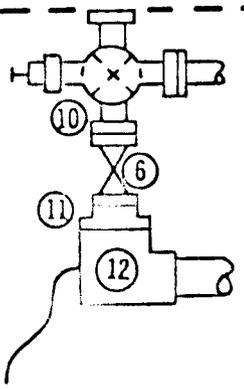


- ① SER. 1500 HYDRIL GK
- ② SER. 1500 RAM-TYPE BOP
- ③ 3" SER. 1500 VALVE
- ④ SER. 1500 DRILLING SPOOL
- ⑤ 3" SER. 1500 X 2" SER. 1500 STEEL TEE
- ⑥ 2" SER. 1500 VALVE
- ⑦ 2" MUD PRESSURE GAUGE
- ⑧ 3" SER. 1500 X 2" SER. 1500 STEEL CROSS
- ⑨ 2" SER. 1500 ADJ. CHOKE
- ⑩ 2" SER. 1500 ADJ. CHOKE ON 2" SER. 1500 RISER VALVE ON SIDE OUTLET OF 2" SER. 1500 STEEL TEE
- ⑪ ADAPTER, 2" SER. 1500 X 10,000 LB WP FLANGE MATING ② INLET
- ⑫ 10,000 LB WP REMOTE CHOKE
- ⑬ HYDRAULIC CHOKE, 2500 LB WP OR BETTER
- ⑭ 3" SER. 1500 CHECK VALVE

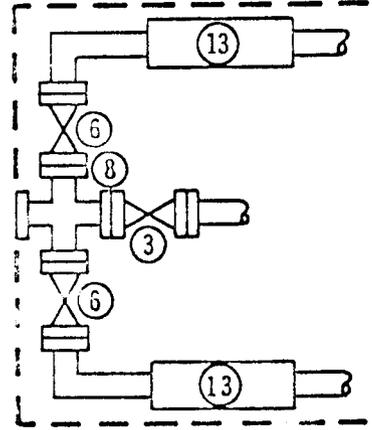
NOTES

1. 5000 PSI WP OR BETTER CLAMP HUBS MAY BE SUBSTITUTED FOR FLANGES
2. ONE ADJUSTABLE CHOKE MAY BE REPLACED WITH A POSITIVE CHOKE
3. VALVES MAY BE EITHER HAND OR POWER OPERATED BUT, IF POWER OPERATED, THE VALVES FLANGED TO THE BOP RUN MUST BE CAPABLE OF BEING OPENED AND CLOSED MANUALLY OR CLOSE ON POWER FAILURE AND BE CAPABLE OF BEING OPENED MANUALLY

CHOKE OPTION "A"



CHOKE OPTION "B"



CHOKE OPTION "C"

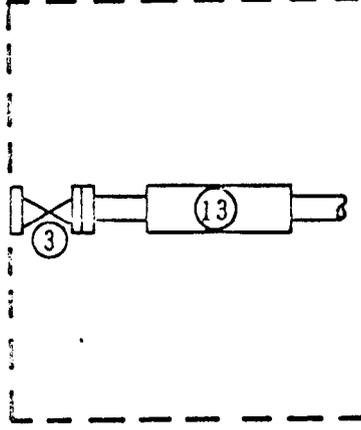


Figure No. 1

PHILLIPS PETROLEUM COMPANY
 5000 PSI WORKING PRESSURE
 BLOWOUT PREVENTER HOOK-UP
 (SERIES 1500 FLANGES OR BETTER)

BLOWOUT PREVENTER TESTING PROCEDURE

A. INITIAL INSTALLATION TEST FOR INSTALLATIONS AS SHOWN ON FIGURE NO. 2
OR 4 - ONE HYDRIL PLUS THREE RAM UNITS

After all blowout preventers, regular choke lines, valves, bell nipples, and flow lines are rigged up, the following steps are to be carried out with no exceptions: (Emergency choke and/or kill lines are not to be connected below the bottom preventer at this time.)

Preparations
for Test
Steps 1-10

1. Inspect all flanges to see if all bolts are in place and tight.
2. Check all opening and closing lines to preventers to see if they are correctly placed, hooked up, and tight.
3. Check to see that all control valves are properly marked.
4. Open bradenhead valves and wash inside of preventers with water from the top. No lines are to be connected to the bradenhead at this time.
5. Install test line on flange outside of second valve or check valve on kill side of drilling spool.
6. Run test plug in on a joint of drill pipe, set in seat and back off from it. Pull pipe out of hole.

NOTE: Test plug to be fabricated so that there will be enough clearance between plug and pipe rams to clear tool joint when closed on joint of drill pipe made up in plug. The plug must be drilled so there is communication between inside of drill pipe and top of plug above seal surface.

7. Fill preventers with water.
8. Open all valves on choke lines and check to see that water is flowing through each outlet. Let run until clear.
9. Close outside valves on choke lines making sure they are full of water and have no trapped air.
10. Refill preventers if necessary.
11. Close blind rams with 1,500 psi.
12. Check closing line and preventer for leaks.
13. Pressure up to working pressure of casinghead through test line. Hold for 10 minutes.

Blind Ram
and Choke
Line Test
Steps 11-14

A. INITIAL INSTALLATION TEST FOR INSTALLATIONS AS SHOWN ON FIGURE NO. 2
OR 4 - ONE HYDRIL PLUS THREE RAM UNITS (Contd.)

Hydril Test
Steps 36-47

35. Open lower drill pipe rams with 1,500 psi.
36. Check opening line and preventers for leaks.
37. Fill preventers.
38. Close 1" plug valve on closing line of Hydril. Test to 1,500 psi. Check for leaks. Release pressure and open valve.
39. Close Hydril with 1,500 psi.
40. Check closing line and Hydril for leaks.
41. Purge air from drill pipe.
42. Reduce closing pressure to that recommended on page 56. More closing pressure can be applied if required up to a maximum of 1,500 psi.
43. Pressure up to working pressure of Hydril through drill pipe. For maximum Hydril packing unit life, as the test pressure builds up, reduce the closing pressure and later apply opening pressure per applicable schedule starting on page 57, provided a schedule is listed for the Hydril in use. Hold test pressure for 10 minutes.
44. Check for leaks.
45. Release pressure.
46. Open Hydril with 1,500 psi.
47. Check opening line and Hydril for leaks.

Upper Pipe
Ram Test
Steps 48-57

48. Close upper pipe rams with 1,500 psi.
49. Check closing line and preventer for leaks.
50. Purge air from drill pipe.
51. Pressure up to working pressure of casinghead through drill pipe. Hold for 10 minutes.
52. Check for leaks.
53. Release pressure.
54. Open upper drill pipe rams with 1,500 psi.

A. INITIAL INSTALLATION TEST FOR INSTALLATIONS AS SHOWN ON FIGURE 2 OR
4 - ONE HYDRIL PLUS THREE RAM UNITS (Contd.)

55. Check opening line and preventer for leaks.
56. Pull plug out of hole.
57. Close bradenhead valves.
58. Open kelly cock(s).
59. Make up drill pipe safety valve on kelly.
60. Make up adapter sub on drill pipe safety valve.
61. Open stand pipe and fill-up line valves.
62. Fill kelly with water.
63. Close drill pipe safety valve.
64. Attach test line to adapter sub.
65. Open drill pipe safety valve and purge air from safety valve.
66. Close drill pipe safety valve.
67. Pressure up to working pressure of preventers. Hold for five minutes.

Safety
Valve
Test
Steps 58-67

68. If lower kelly cock is used, close it and proceed with Step 69. Otherwise do Step 69 and skip to Step 73.

Lower Kelly
Cock Test
Steps 68-72

69. Open drill pipe safety valve.
70. Pressure up to working pressure of preventers on hole. Hold for five minutes.

71. Release pressure.

72. Open lower kelly cock.

Upper Kelly
Cock Test
Step 73-75

73. Close upper kelly cock.

74. Pressure up to the working pressure of the preventers on the hole. Hold for five minutes.

75. Release pressure. Open upper kelly cock.

Inside BOP
Test
Steps 76-81

76. If an integral type inside blowout preventer such as Gray or Shaffer is provided, make adapter sub up on the inside blowout preventer.

77. With check valve open, purge air from inside blowout preventer with water.

A. INITIAL INSTALLATION TEST FOR INSTALLATIONS AS SHOWN ON FIGURE 2 OR
4 - ONE HYDRIL PLUS THREE RAM UNITS (Contd.)

Casing and
Bradenhead
Test
Steps 82-92

78. Release check valve.
79. Pressure up to 5,000 psi. Hold for five minutes.
80. Release pressure.
81. Reset check valve in open position.
82. Casing will be tested with drill pipe in hole. To be tested before drilling bottom plug.
83. Before testing casing, open bradenhead valves and wash preventers with water. No lines are to be connected to the bradenhead at this time.
84. Close stand pipe valve and open kill line.
85. Flush mud pump and mud lines out with water.
86. Close bradenhead valves and fill preventers with water.
87. Close Hydril on drill pipe. Use closing pressure recommended on page 56. If the Hydril packing unit leaks on application of test pressure, increase the closing pressure. Do not exceed 1,500 psi closing pressure.
88. Pressure up casing to pressure required to test casing using water. For maximum Hydril packing unit life, as the test pressure builds up, reduce the closing pressure and later apply opening pressure per applicable schedule starting on page 57, provided a schedule is listed for the Hydril in use. Hold test pressure for 10 minutes.
89. Check bradenhead and bradenhead valve flanges for leaks.
90. Release pressure.
91. Open Hydril.
92. Record test on drilling report.

B. RAM CHANGE TEST FOR INSTALLATIONS AS SHOWN ON FIGURE NO. 2 OR 4 - ONE HYDRIL PLUS THREE RAM UNITS

Preparations
Steps 1-4

1. After getting out of hole, open bradenhead valves and drain mud out of preventers. No lines are to be connected to the bradenhead at this time.
2. Wash inside of preventers from top with water.
3. Put drill pipe safety valve on top and test plug on bottom of joint of drill pipe. Safety valve to be open.

Ram Change
Steps 5-10

4. Run test plug in and set in seat.
5. Close bottom drill pipe rams on pipe.
6. Open bonnets or doors on upper ram type preventer.
7. Remove rams to be changed.
8. Install rams.
9. Close bonnets or doors, checking all seals and "O" rings.
10. Tighten up all bolts and inspect preventer to see that bonnets or doors are closed, steel to steel.

Preparations
for Hydril
and BOP Stack
Test
Steps 11-18

11. Open drill pipe rams.
12. Fill preventers with water.
13. Open all valves on choke lines, let water run out to purge air from lines, then close the outside valves on choke manifold.
14. Be sure valves on kill line inside of drilling spool are closed.
15. Fill preventers with water if necessary.
16. Close Hydril with closing pressure recommended on page 56. If the Hydril packing unit leaks on application of test pressure, increase the closing pressure. Do not exceed 1,500 psi closing pressure.
17. Purge air from drill pipe.

Hydril & BOP
Stack Test
Steps 19-20

18. Attach test line to top of drill pipe.
19. Pressure up through drill pipe to working pressure of preventers. For maximum Hydril packing unit life, as the test pressure builds up, reduce the closing pressure and later apply opening pressure per applicable schedule starting on page 57. provided a schedule is listed for the Hydril in use. Hold test pressure for 10 minutes.

B. RAM CHANGE TEST FOR INSTALLATIONS AS SHOWN ON FIGURE NO. 2 OR 4 - ONE HYDRIL PLUS THREE RAM UNITS (Contd.)

20. Check for leaks in all flanges and seals that hold pressure, especially bonnet or door seals on preventer changed.

21. Release pressure.

22. Open Hydril.

Pipe Ram
Test
Steps 23-24

23. If new rams are pipe rams, close them with 1500 psi and proceed with step No. 24. If new rams are blind rams, skip this step and proceed with Step No. 25.

24. Pressure to the working pressure of the casinghead through the drill pipe. Proceed with Step No. 29.

Blind Ram
Test
Steps 25-28

25. Back drill pipe joint out of test plug and pull drill pipe joint out of BOP stack.

26. Install test line on outside of second valve or check valve on kill line side of drilling spool. Open kill line valves.

27. Close new blind rams with 1500 psi.

28. Pressure up to the working pressure of the casinghead through the test line. Proceed with Step No. 29.

Leak Check,
Blind or
Pipe Rams
Steps 29-31

29. Hold pressure for 10 minutes. Check for leaks.

30. Release pressure.

31. Open rams being tested.

Test
Completion
Steps 32-35

32. If test line is connected to kill line outlet valve at drilling spool, disconnect it and reconnect kill line. Close inside kill line outlet valve at drilling spool.

33. Pull test plug out of hole.

34. Close bradenhead valves.

35. Record test and ram change on drilling report.

C. WEEKLY TEST PROCEDURE FOR INSTALLATION AS SHOWN ON FIGURE NO. 2 OR 4
ONE HYDRIL PLUS THREE RAM UNITS

Preparations
Steps 1-8

1. Inspect all flanges to see if all bolts are in place and tight.
2. Check all opening and closing lines to preventers to see if they are correctly placed, hooked up, and tight.
3. Open valves on bradenhead and wash inside of preventers with water from the top. No lines are to be connected to the bradenhead valves at this time.
4. Run test plug in on a joint of drill pipe and set in seat.
5. Fill preventers with water.
6. Open all valves on choke lines and check to see that water is flowing through each choke line and full opening line. Let run until it clears up.
7. Close all outside valves on choke line, making sure they are full of water and do not have air trapped in them.
8. Refill preventers if necessary.

Hydril & BOP
Stack Test
Steps 9-17

9. Close Hydril with 1,500 psi.
10. Purge air from drill pipe.
11. Reduce closing pressure to that recommended on page 56. Closing pressure may be increased up to a maximum of 1,500 psi if required to effect a seal.
12. Pressure up to 1/2 working pressure of Hydril through drill pipe. For maximum Hydril packing unit life, as the test pressure builds up, reduce the closing pressure and later apply opening pressure per applicable schedule starting on page 57, provided a schedule is listed for the Hydril in use. Hold test pressure for 10 minutes.
13. Check for leaks.
14. Release pressure.
15. Open Hydril.
16. Pull plug out of hole.
17. Close bradenhead valves.

Safety Valve
Test
Steps 18-27

18. Open kelly cock(s).
19. Make up drill pipe safety valve on kelly.

C. WEEKLY TEST PROCEDURE FOR INSTALLATION AS SHOWN ON FIGURE NO. 2 OR 4
ONE HYDRIL PLUS THREE RAM UNITS (Contd.)

20. Make up adapter sub on drill pipe safety valve.
21. Open stand pipe and fill-up line valves.
22. Fill kelly with water.
23. Close drill pipe safety valve.
24. Attach test line to adapter sub.
25. Open drill pipe safety valve and purge air from safety valve.
26. Close drill pipe safety valve.
27. Pressure up to working pressure of preventers. Hold for five minutes.

Lower Kelly
Cock Test
Steps 28-32

28. If lower kelly cock is used, close it and proceed with Step 29. Otherwise do Step 29 and skip to Step 33.
29. Open drill pipe safety valve.
30. Pressure up to working pressure of preventers on hole. Hold for five minutes.
31. Release pressure.
32. Open lower kelly cock.

Upper Kelly
Cock Test
Steps 33-35

33. Close upper kelly cock.
34. Pressure up to the working pressure of the preventers on the hole. Hold for five minutes.
35. Release pressure.

Inside BOP
Test
Steps 36-42

36. If an integral type inside blowout preventer such as Gray or Shaffer is provided, make up adapter sub on the inside preventer and proceed with Step 37. Otherwise, skip to Step 42.
37. With check valve open, purge air from the inside preventer with water.
38. Release check.
39. Pressure up to 5,000 psi. Hold for five minutes.
40. Release pressure.

C. WEEKLY TEST PROCEDURE FOR INSTALLATION AS SHOWN ON FIGURE NO. 2 OR 4
ONE HYDRIL PLUS THREE RAM UNITS (Contd.)

41. Reset check in open position.
42. Record test on drilling report.

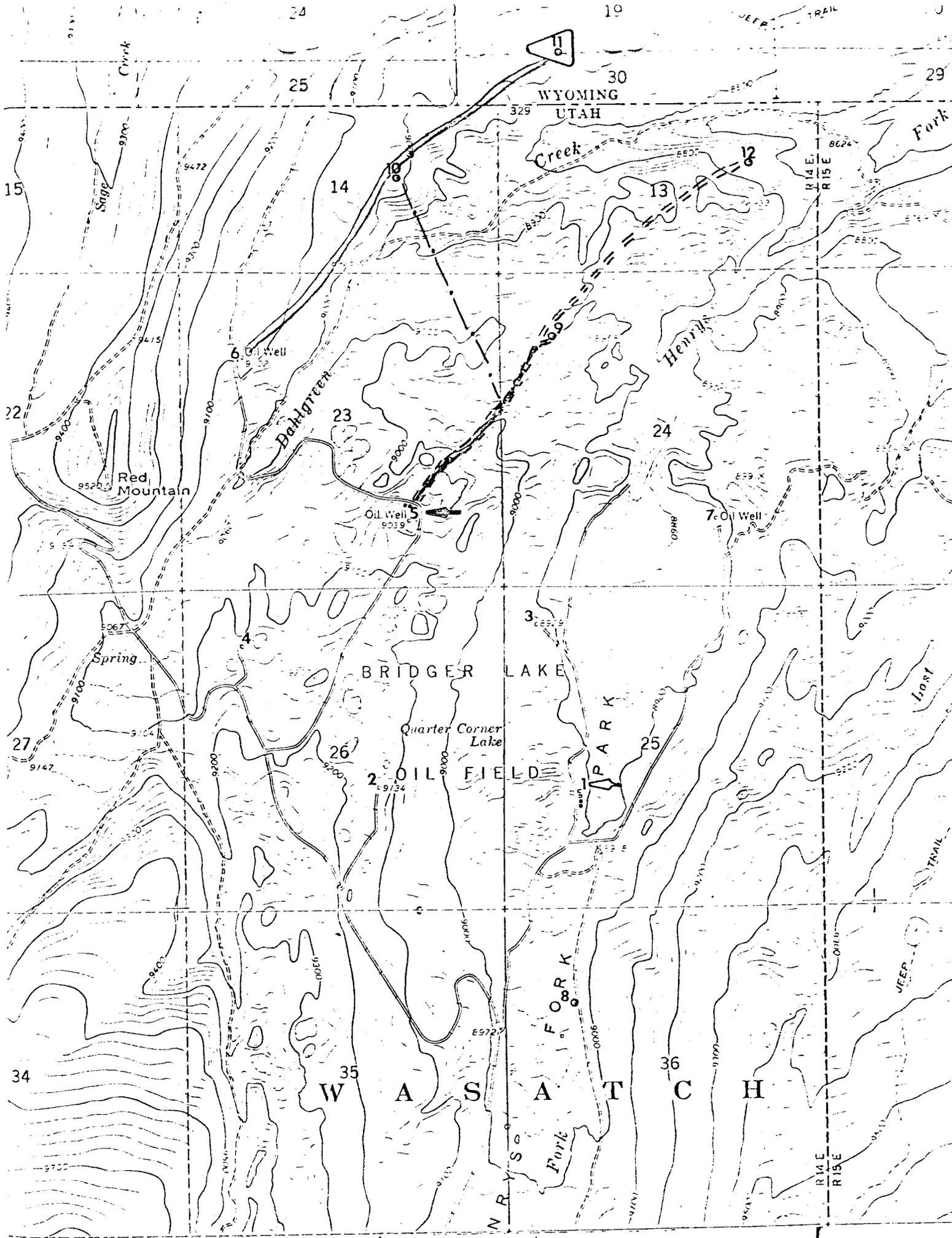
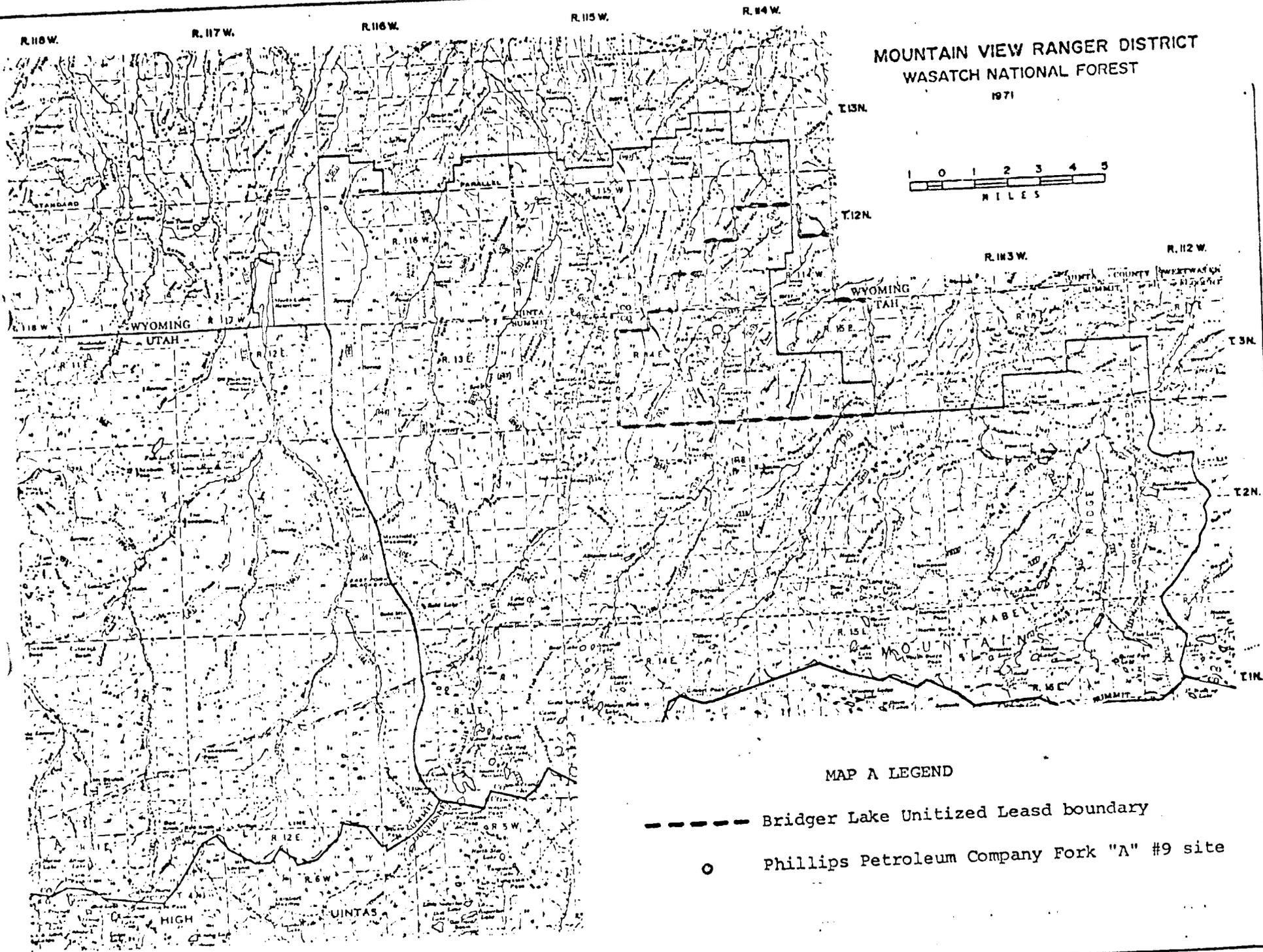


FIGURE 2.



MOUNTAIN VIEW RANGER DISTRICT
 WASATCH NATIONAL FOREST
 1971

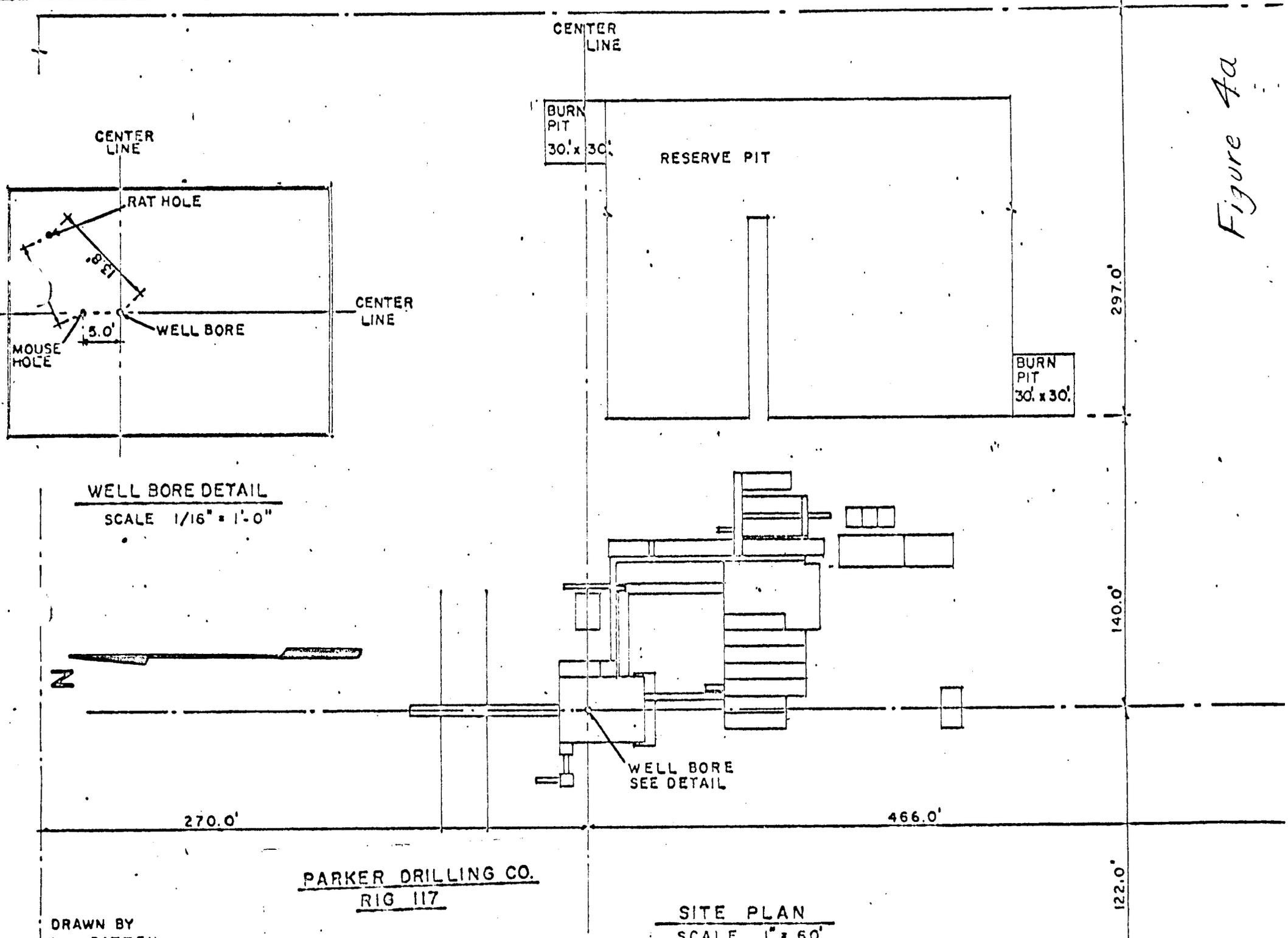


MAP A LEGEND

- Bridger Lake Unitized Leasid boundary
- Phillips Petroleum Company Fork "A" #9 site

FIGURE 3

Figure 4a



WELL BORE DETAIL
SCALE 1/16" = 1'-0"

PARKER DRILLING CO.
RIG 117

SITE PLAN
SCALE 1" = 60'

DRAWN BY
L. BATTEN

Phillips Drilling Company
RIG 117
 Suggested Location Size
 736' X 262'

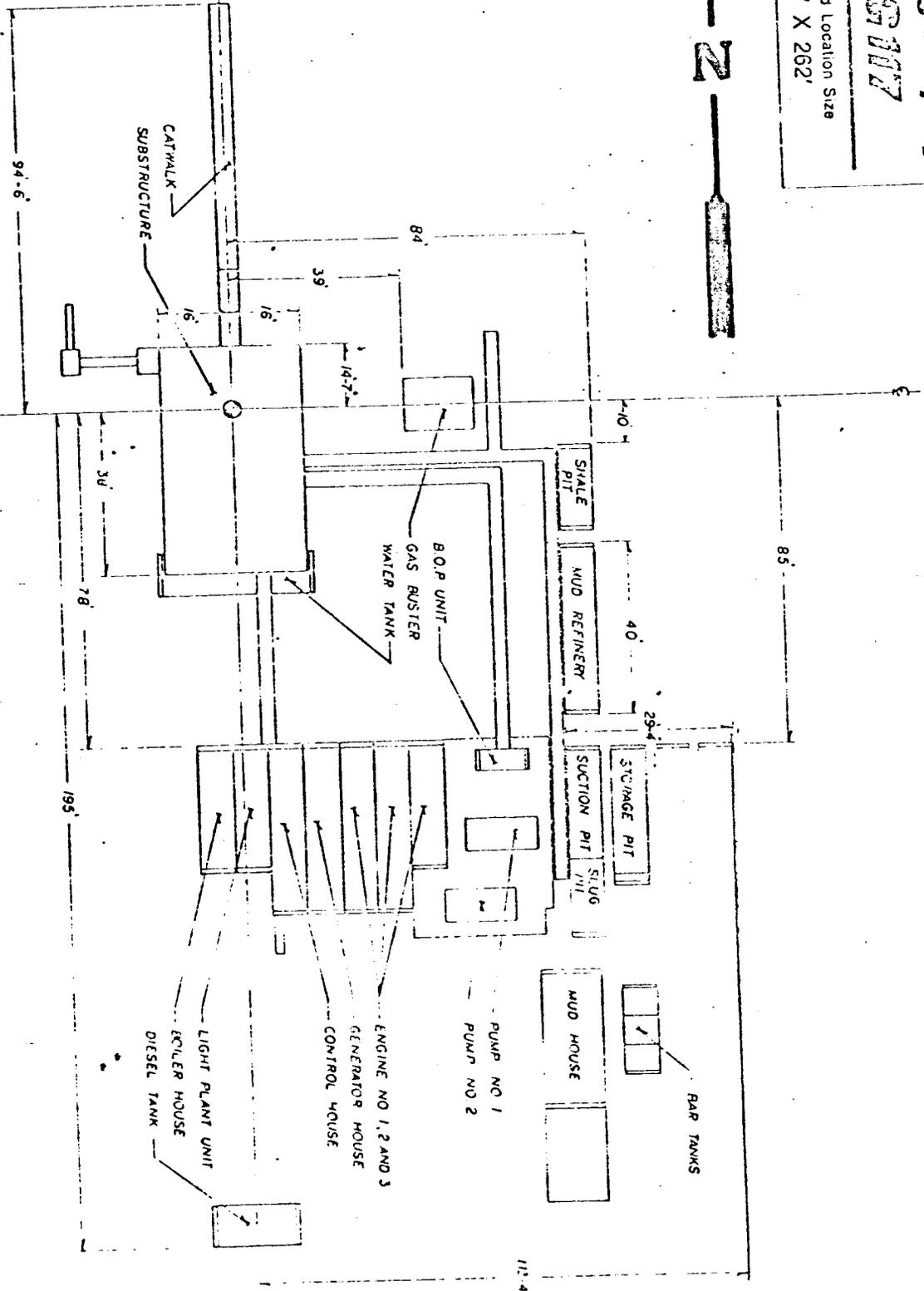


Figure 4b

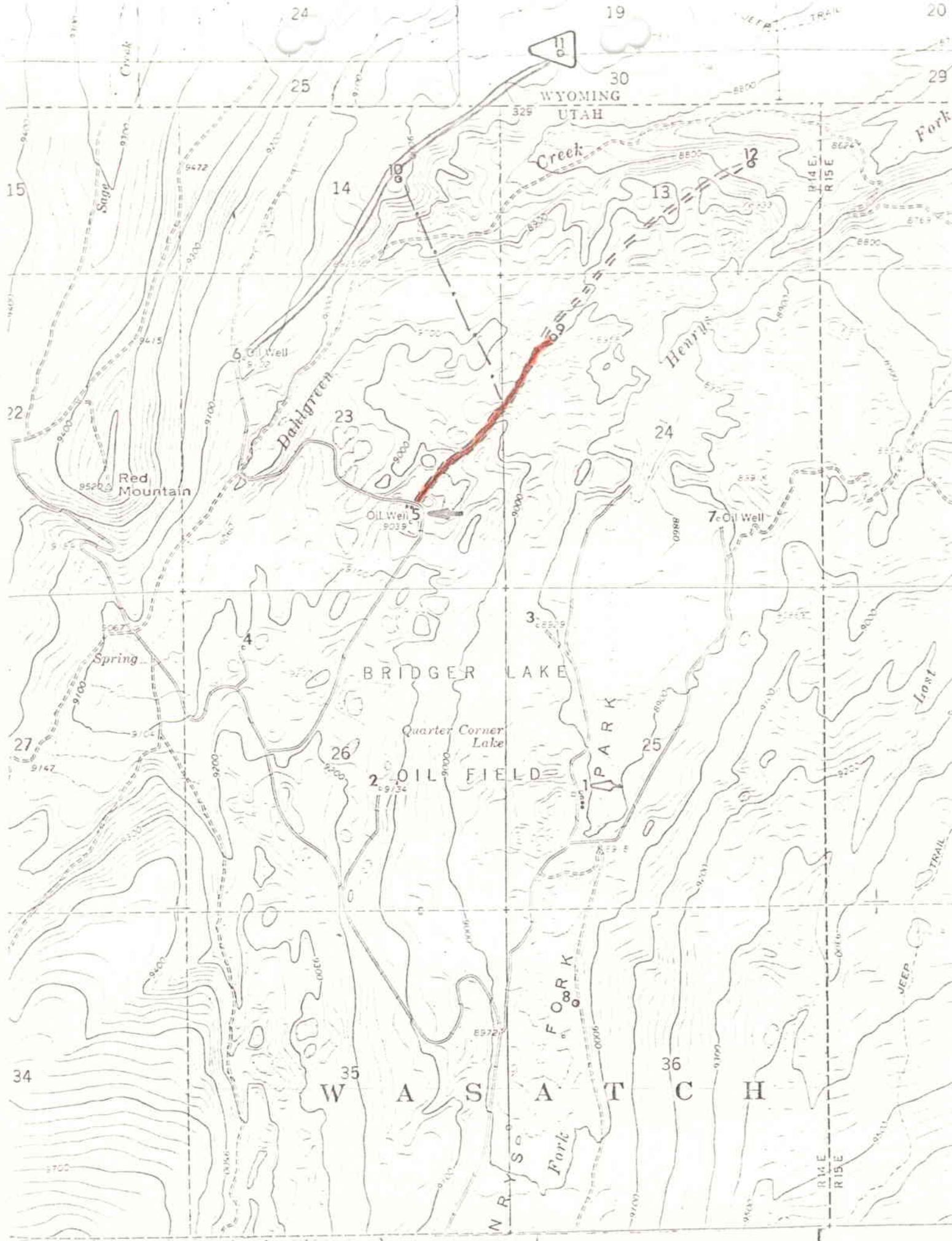
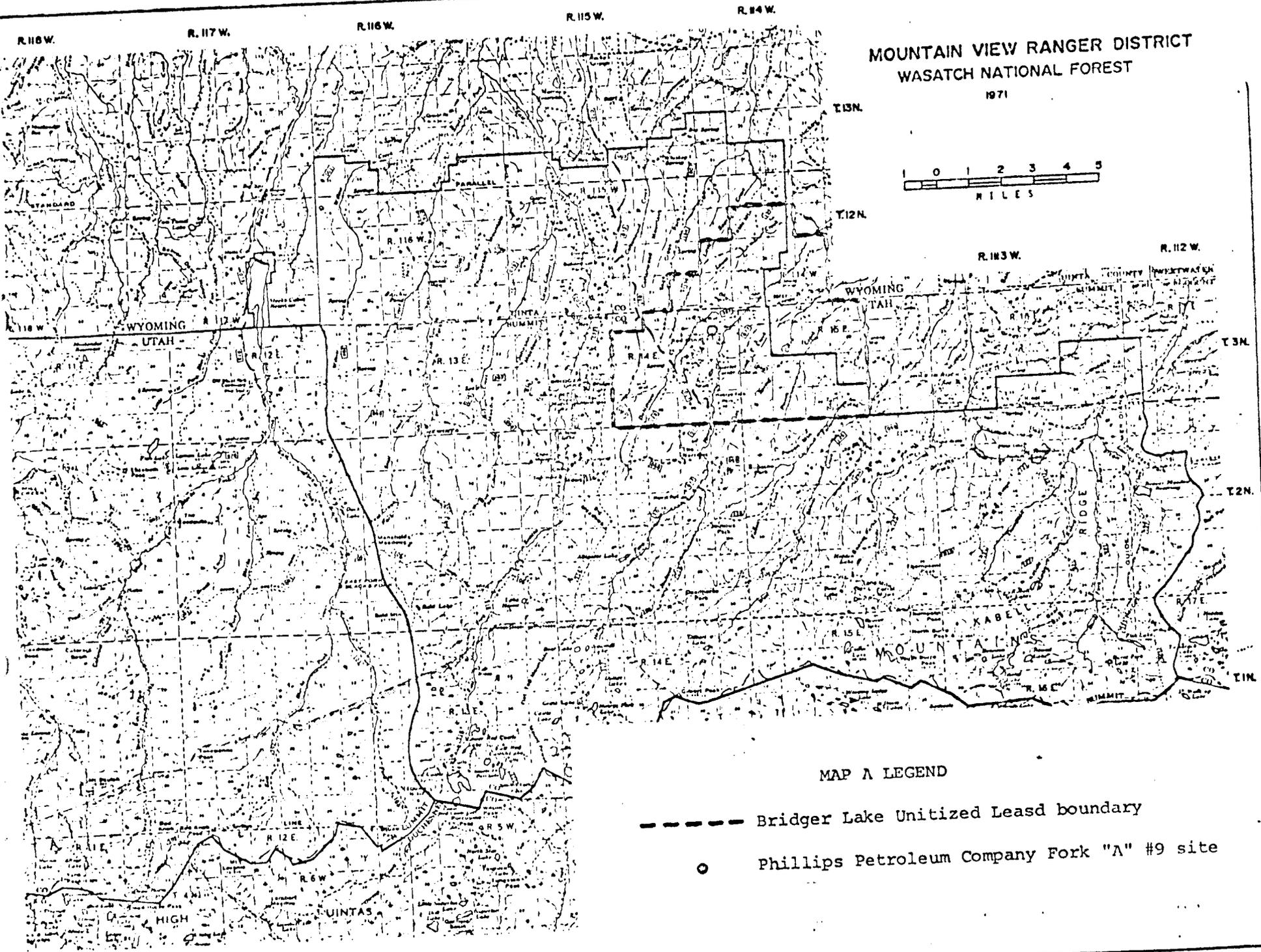


FIGURE 2.



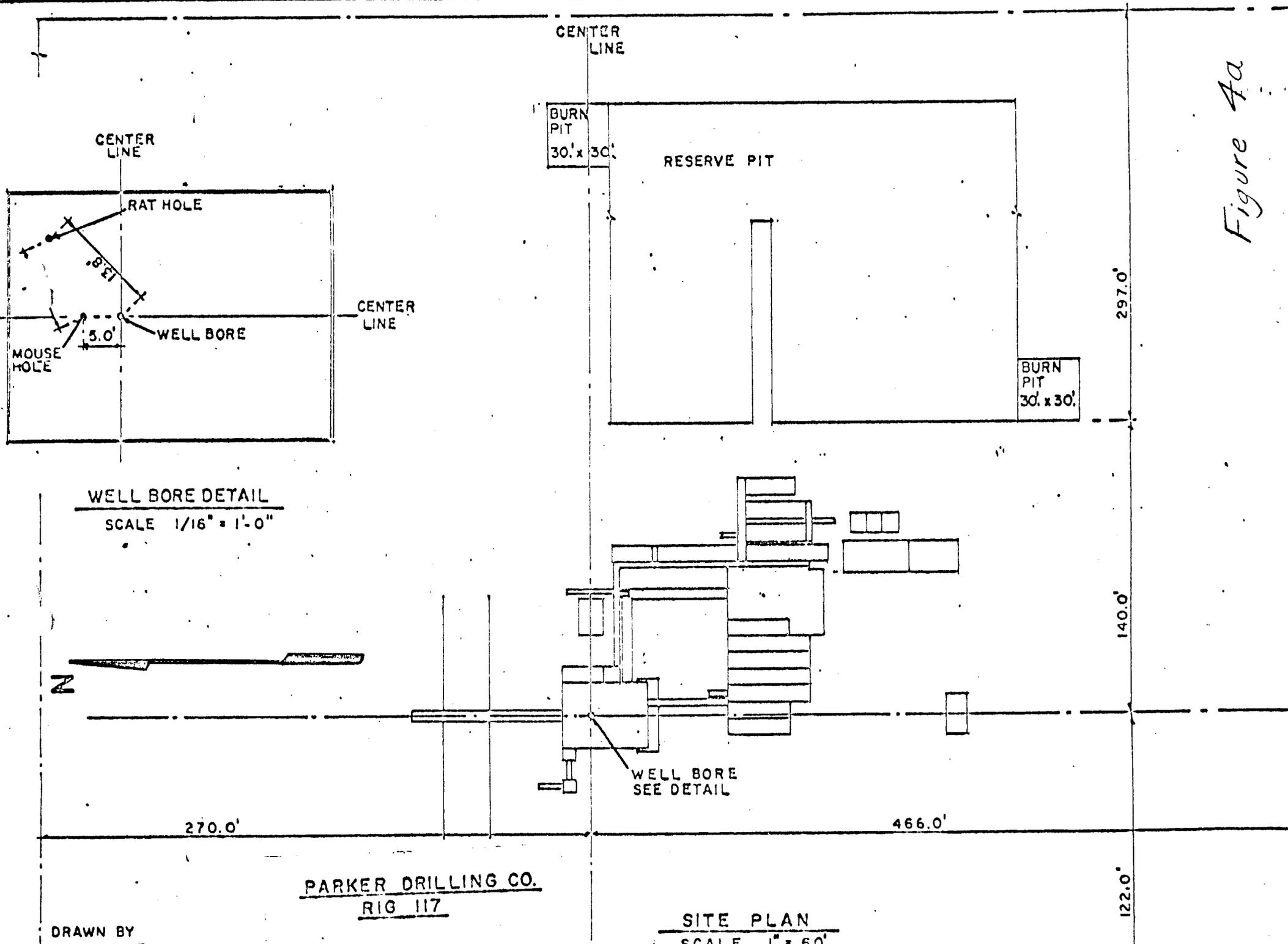
MOUNTAIN VIEW RANGER DISTRICT
 WASATCH NATIONAL FOREST
 1971



MAP A LEGEND

- Bridger Lake Unitized Leas boundary
- Phillips Petroleum Company Fork "A" #9 site

Figure 4a



WELL BORE DETAIL
SCALE 1/16" = 1'-0"

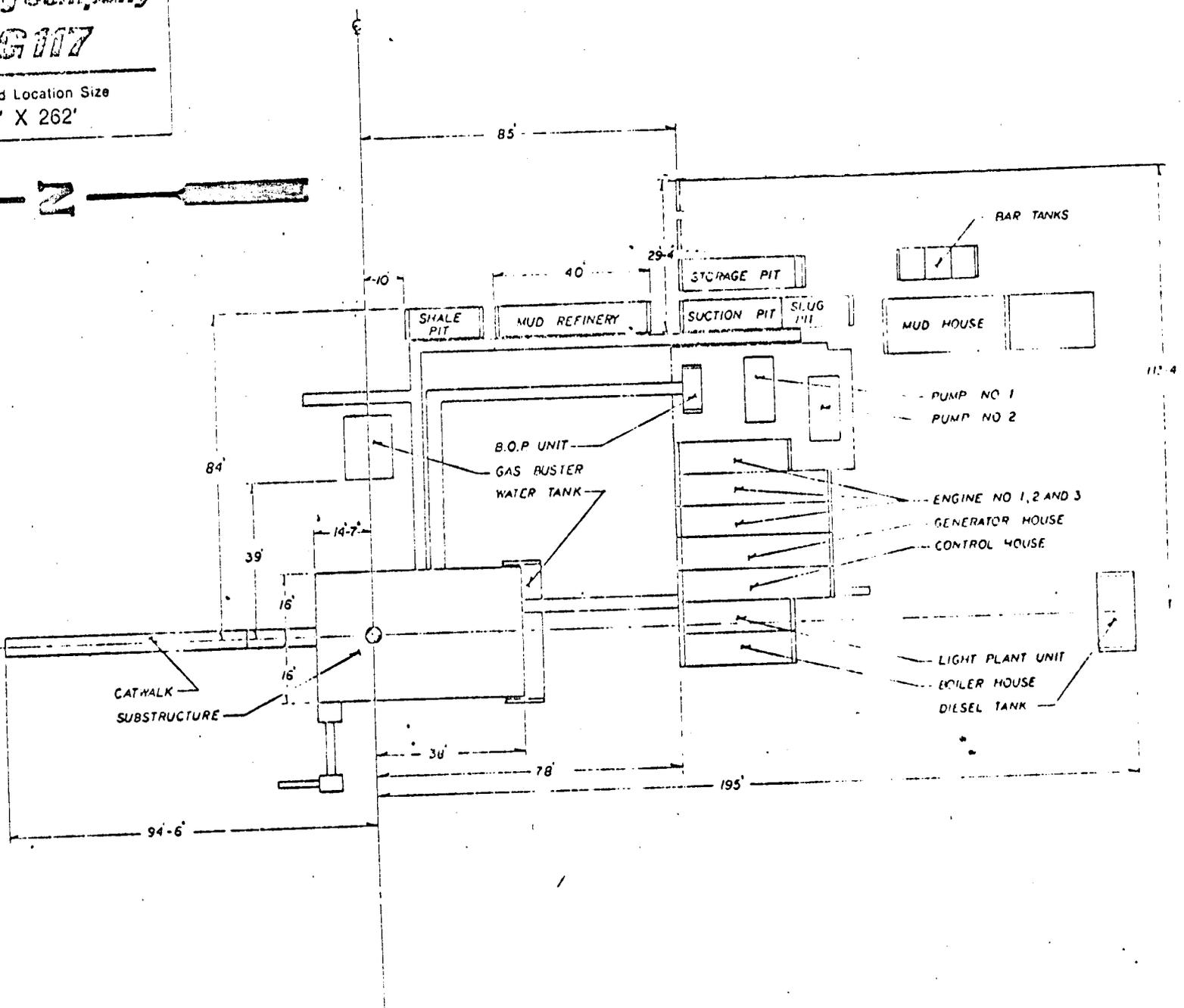
PARKER DRILLING CO.
RIG 117

SITE PLAN
SCALE 1" = 60'

DRAWN BY
M. K. PATTEN

Figure 4b

Parker Drilling Company
RIG 117
Suggested Location Size
736' X 262'



** FILE NOTATIONS **

DATE: July 29, 1980
OPERATOR: Phillips Petroleum Co
WELL NO: Brady Lake Unit Job A - #9

Location: Sec. 24 T. 3N R. 14E County: Summit

File Prepared: Entered on N.I.D.:
Card Indexed: Completion Sheet:

API Number 43-043-30142

CHECKED BY:
Petroleum Engineer: _____
Director: Unit agreement area - no letter required - just send approved copy of notice
Administrative Aide: _____

Unit

APPROVAL LETTER:

Bond Required: Survey Plat Required:
Order No. _____ O.K. Rule C-3
Rule C-3(c), Topographic Exception - company owns or controls acreage within a 660' radius of proposed site
Lease Designation Red Plotted on Map
Approval Letter Written
Hot Line P.I.

August 4, 1980

Phillips Petroleum Company
P.O. Box 2920
Casper, Wyoming 82602

RE: Well No. Bridger Lake Unit Fork A-9,
Sec. 24, T. 3N, R. 14E.,
Summit County, Utah

Insofar as this office is concerned, approval to drill the above referred to oil well is hereby granted in accordance with Section 40-6-11, Utah Code Annotated 1953; and predicated on Rule A-3, General Rules and Regulations and Rules of Practice and Procedure.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

MICHAEL T. MINDER - Petroleum Engineer
Home: 876-3001
Office: 533-5771

Enclosed please find Form OGW-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is Bridger Lake Fork A-9: 43-043-30142.

Sincerely,

DIVISION OF OIL, GAS AND MINING

Michael T. Minder
Petroleum Engineer

bh

cc: USGS

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. Utah 013146
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME --
2. NAME OF OPERATOR Phillips Petroleum Company		7. UNIT AGREEMENT NAME Bridger Lake Unit
3. ADDRESS OF OPERATOR P.O. Box 2920, Casper, WY 82602		8. FARM OR LEASE NAME Fork "A"
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 963' FNL & 855' FWL At proposed prod. zone		9. WELL NO. 9
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 15 miles South of Mountain View, Wyoming		10. FIELD AND POOL, OR WILDCAT Bridger Lake Field
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 430'	16. NO. OF ACRES IN LEASE 3838 Acres	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 24-T3N-R14E
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 3800'	19. PROPOSED DEPTH 15,800	12. COUNTY OR PARISH Summit
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 8895 GR		13. STATE Utah
20. ROTARY OR CABLE TOOLS Rotary		22. APPROX. DATE WORK WILL START* August 15, 1980

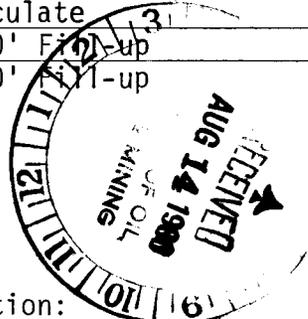
PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2"	13-3/8"	48#	500'	Circulate
12-1/4"	9-5/8"	40#	9000'	1000' Fil-up
8-3/4"	7"	26, 29, 32	15,725'	1000' Fil-up

See Transmittal Letter

40' of 20" conductor set at surface - per telecon with Frank Lyte

DUPLICATE COPY



Distribution:

- 5 - USGS, Salt Lake City
- 2 - Utah O&G CC, Salt Lake City
- 1 - T. J. Jobin, Denver
- 1 - File

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.

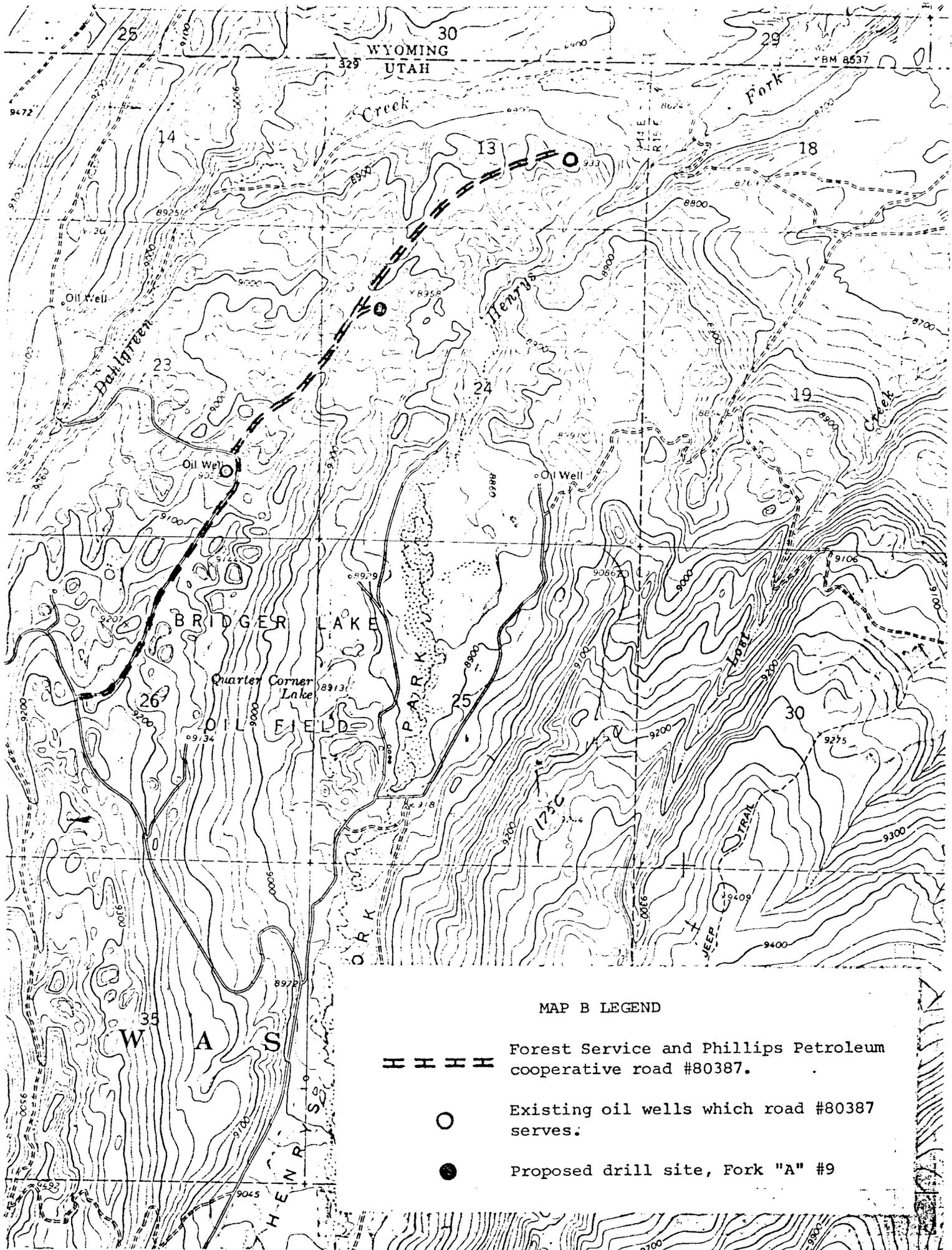
24. SIGNED D. O. Fisher TITLE Operations Superintendent DATE July 23, 1980
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____
APPROVED BY W. J. Martin FOR E. W. GUYNN DISTRICT ENGINEER DATE AUG 12 1980
CONDITIONS OF APPROVAL, IF ANY: _____

NOTICE OF APPROVAL
Utah Oil & Gas

CONDITIONS OF APPROVAL ATTACHED
*See instructions on reverse side

FLARING OR VENTING OF GAS IS SUBJECT TO NTL 4-A DATED 1/1/80



MAP B LEGEND

- Forest Service and Phillips Petroleum cooperative road #80387.
- Existing oil wells which road #80387 serves.
- Proposed drill site, Fork "A" #9

R. 118 W.

R. 117 W.

R. 116 W.

R. 115 W.

R. 114 W.

MOUNTAIN VIEW RANGER DISTRICT WASATCH NATIONAL FOREST

1971



T. 13 N.

T. 12 N.

R. 113 W.

R. 112 W.

WYOMING
UTAH

WYOMING
UTAH

UINTA COUNTY
SUMMIT

T. 13 N.

T. 12 N.

T. 11 N.

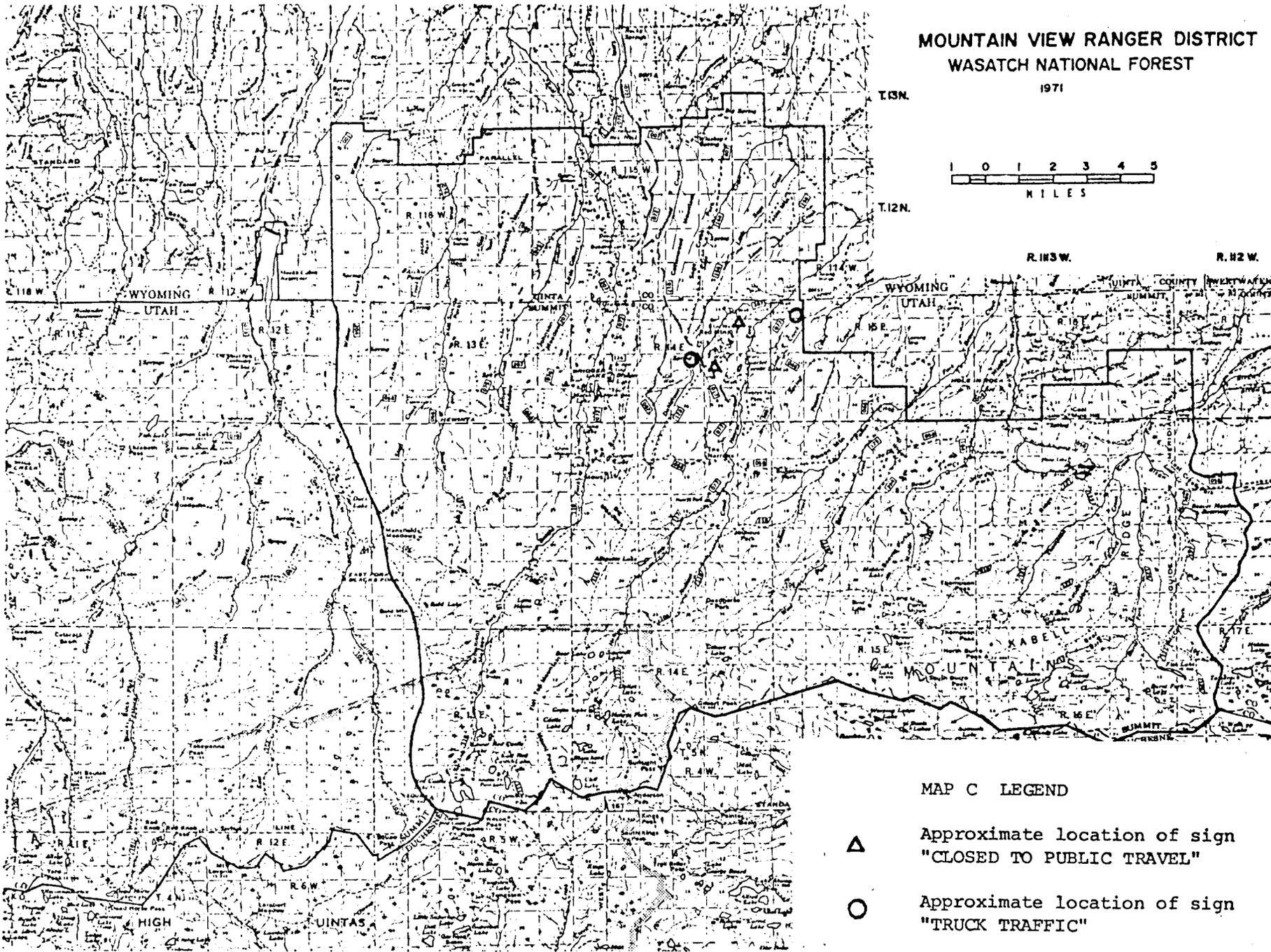
MAP C LEGEND



Approximate location of sign
"CLOSED TO PUBLIC TRAVEL"



Approximate location of sign
"TRUCK TRAFFIC"



INTRODUCTION:

This assessment incorporates a U.S. Forest Service Environmental Assessment as reference and it is included in the Appendix.

The following elements of the proposed action would/could result in environmental impacts:

1. An APD for this site was approved November 10, 1967. A drill pad 736' x 262' encompassing about 4 acres was cleared and leveled and an access road about 18' wide by one mile long was built. The well was never drilled. No additional surface disturbances would be necessary, however, young lodge pole pines less than 4 ft. tall have regenerated the site and would have to be removed. Due to the remoteness of the area, a camp may be set up on State or Fee lands using existing roads within the Unit.

A temporary rig fuel (gas) line would be laid above ground paralleling the existing access road from a satellite battery production facility in the center SE/4 Section 23, T 3N, R 14E. Surface disturbances associated with this activity would be negligible.

Winter operations occur throughout the Unit and no special considerations or problems are anticipated with drilling through the winter.

2. Drilling.
3. Waste disposal.
4. Traffic.
5. Water requirements Water would be obtained from Dolgren Creek and/or Henry's Fork River using existing roads in the Unit.
6. Completion.
7. Production. Facilities presently exist at the Units principal tank battery in the center SW/4 Sec. 25 T. 3N R. 14E and at a satellite battery site in center SE/4 Sec. 23
8. Transportation of hydrocarbons. If the well would be productive a buried flow-line would parallel the existing road and tie into the satellite battery.
9. Other.

Details of the proposed action are described in the Application for Permit to Drill.

Environmental Considerations of the Proposed Action:

Regional Setting/Topography: See attached USFS EAR.

PARAMETER

A. Geology

1. Other Local Mineral Resources to be Protected: None

Information Source: MER report, Mining report

2. Hazards:

a. Land Stability: No instability expected as well site has been constructed in past and allowed to settle.

Information Source: USFS EA

b. Subsidence: No subsidence is expected although the withdrawal of fluids could cause subsidence.

Information Source: "Environmental Geology"-Keller

c. Seismicity: The wellsite is in an area of minor to moderate seismic risk. The operating plan does not account for seismic hazards.

Information Source: "Geologic Atlas of Rocky Mountain Region," "Rocky Mountain Association of Geologists."

d. High Pressure Zones/Blowout Prevention: No high pressure zones are expected. B.O.P. system is outlined in APD.

Information Source: APD MER

B. Soils:

1. Soil Character: See attached USFS EA.

Information Source: USFS EA

2. Erosion/Sedimentation: See attached USFS EA.

Information Source: USFS EA

C. Air Quality: The wellsite is in a class II attainment area Air quality would decrease slightly from equipment and vehicle emissions and fugitive dust decreasing substantially after completion operation.

Information Source: Utah State Health Dept. (pers. comm.) F.O.

D. Noise Levels: Noise levels would increase temporarily from equipment and vehicle operations affecting wildlife in a distributional sense. Noise levels would decrease substantially if the well is productive and return to pre-drilling levels upon abandonment.

Information Source: USFS EA F.O.

E. Water Resources

1. Hydrologic Character

a. Surface Waters: The wellsite is within the Henry's Fork River Drainage Basin. Water for drilling would be obtained from Dahlgreen Creek and Henry's Fork. A State of Utah permit for water use authorization has been applied for.

Information Source: APD, USFS, EA, Frank Lyte, Phillips, (pers. comm.)

b. Ground Waters: Fresh or useable water may be encountered at depths below 8,240 ft. as outlined in the Mineral Evaluation Report. The operator is required to report and protect any fresh water zones.

Information Source: Mineral Evaluation Report

2. Water Quality

a. Surface Waters: The potential for a spill of oil, water and drilling fluids to Henry's Fork exists. Constructing a berm on the east end of the location and insuring at least half of the pit depth in cut material would reduce hazards.

Information Source: APD, F.O.

b. Ground Waters: Fresh water zones could be contaminated by the introduction of drilling fluids and commingling of aquifers. Isolating any fresh water aquifers would provide protection.

Information Source: F.O.

F. Flora and Fauna

1. Endangered and Threatened Species Determination

Based on the informal comments received from USFS on August 6, 1980, we determine that there would be no effect on endangered and threatened species and their critical habitat.

2. Flora: See attached USFS EA

Information Source: USFS EA

3. Fauna: See attached USFS EA

Information Source: USFS EA

G. Land Uses

1. General: The area is used primarily for recreation and hydrocarbon production and exploration. These activities do not generally mix well and some conflicts could occur. However the Unit has been in operation for years with little disturbance to recreationists.

Information Source: USFS EA, F.O.

2. Affected Floodplains and/or Wetlands: None.

Information Source: APD, USFS EA

3. Roadless/Wilderness Area: None

Information Source: USFS

H. Aesthetics: See attached USFS EA

Information Source: USFS EA

I. Socioeconomics: See attached USFS EA

Information Source: USFS EA

J Cultural Resources Determination: Based on the Formal comments received from USFS, on 8-6-80 we determine that there will be no effect on cultural resources.

Information Source: USFS EA

K. Other: Swelling clays and bentonites may be present in the Hillard and Mowry formation and could cause sloughing problems. The operator has drilled many wells in the area and should be aware of the potential hazard.

Information Source: APD, USFS EA

L. Adequacy of Restoration Plans: The restoration plans are adequate adapting recommendations of the draft USFS EA. Additional restoration measures have been provided by the USFS.

Information Source: APD, USFS EA

Alternatives to the Proposed Action:

1. Disapproving the proposed action or no action - If the proposed action is denied, no action would occur, the existing environment would remain in its present state, the lessee/operator would not realize any return on investments and the public would be denied a potential energy source.

2. Approving the project with the recommended stipulations - Under federal oil and gas leasing provisions, the Geological Survey has a responsibility to approve mineral development if the environmental consequences are not too severe or irreversible. Permanent damage to the surface and subsurface would be prevented as much as possible under USGS and Surface Management Agency supervision. Environmental impacts would be significantly mitigated.

3. Develop a new location within the Lease. Substantial increased environmental impacts would occur by developing another location. Since the proposed action would occur on an existing drill pad and road, no justification to support this alternative is evident.

Adverse Environmental Effects:

1. If approved as proposed:

a. Pollution of groundwater systems could occur with the introduction of drilling fluids into the aquifer(s). The potential for interaquifer leakage and lost circulation is ever-present, depending on the casing program.

b. Minor air pollution would be induced on a temporary basis due to exhaust emissions from rig engines and support traffic.

c. The potential for fires, leaks, spills of gas and oil or water exists.

d. During construction and drilling phases of the operation, noise and dust levels would increase.

e. Distractions from aesthetics during the lifetime of the project would exist.

f. Erosion from the site would eventually be carried as sediment in the Henry's Fork. The potential for pollution to Henry's Fork would exist through leaks and spills.

g. If hydrocarbons would be discovered and produced, further development of the area could be expected to occur, which would result in the extraction of irreplaceable resource, and further negative environmental impacts. These impacts include the cumulative loss of wildlife habitat due to the areas necessary for roads, pipelines, drillsites, and transmission lines. These actions may disrupt wildlife social behavior and force habitat relocation over an extended period of time. In addition, the cumulative effects of non-point erosion become substantial in a developing field, primarily those located near perennial streams where siltation and sedimentation are critical to aquatic life cycles.

2. Conditional Approval:

All adverse impacts described in section one above would occur, except.

- a. Constructing a berm around the east of the location and insuring that at least one half of the reserve pit depth is below the existing ground surface would reduce pollution spill and erosional hazards to Henry's Fork.

Recommended Approval Conditions:

Drilling should be allowed, provided the following mitigative measures are incorporated into the proposed APD and adhered to by the operator:

1. See attached Lease Stipulations. *None*
2. See attached USFS Stipulations included on page 5&6-#1-11 of the USFS EA.
3. A berm will be constructed and maintained along the east or lower edge of the pad to contain any potential spills from reaching Henry's Fork.
4. At least one half of the reserve pit depth must be below existing ground surface to provide stability.

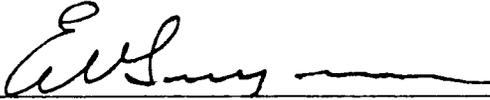
Controversial Issues and Conservation Division Response:

None

We have considered the proposed action in the preceding pages of this EA and find, based on the analysis of environmental considerations provided therein, no evidence to indicate that it will significantly (40 CFR 1508.27) impact the quality of the human environment.

Determination:

I determine that the proposed action (as modified by the recommended approval conditions) does not constitute a major Federal action significantly affecting the quality of the human environment in the sense of NEPA, Section 102 (2)(C).

 DISTRICT ENGINEER
Signature & Title of Approving Official

AUG 08 1980
Date

FROM: DISTRICT GEOLOGIST, ME, SALT LAKE CITY, UTAH

TO: DISTRICT ENGINEER, O&G, SALT LAKE CITY, UTAH

SUBJECT: APD MINERAL EVALUATION REPORT

LEASE NO. 104-2-21314-1

OPERATOR: Phillips Petroleum

WELL NO. 4

LOCATION: SE 1/4 NW 1/4 NW 1/4 sec. 24, T. 3N, R. 14E, SLM

Summit County, UTAH

1. Stratigraphy: STRATIGRAPHY / PROPOSED IS FEASIBLE
AND TYPICAL GRAVEL - SURFACE

Fort Union	8240'	Dakota	15340'
Mesa Verde	11050'	Morrison	15665'
Hilliard	12735'	<u>TE</u>	<u>15725'</u>
Frontier	14940'		
Mowry	15055'		
Mowry SS	15265'		

2. Fresh Water: FRESH TO USABLE WATER MAY BE FOUND ABOVE THE DAKOTA ~ 15,418' DEPTH, FORT UNION, 8,240', MESA VERDE 11,050' HILLIARD 12,735' MAY CONTAIN USABLE WATER, MOWRY 15,055' IS GENERALLY DRY; DAKOTA IS SALINE, BUT MAY BE USABLE,

3. Leasable Minerals:
None

4. Additional Logs Needed: Suite is adequate

5. Potential Geologic Hazards: HILLIARD, 12,735'-14,940' AND MOWRY 15,055' - 15,340' MAY CONTAIN SWELLING CLAYS AND BENTONITES.

6. References and Remarks:

Signature: Jerry Richardson

Date: Aug 5, 1980

Memorandum

To: District Oil and Gas Engineer, Mr. Edward Gynn

From: Mining, Supervisor, Mr. Jackson W. Moffitt

Subject: Application for Permit to Drill (form 9-331c) Federal oil and gas lease No. Utah 013146 Well No. 9

1. The location appears potentially valuable for:

- strip mining*
- underground mining**
- has no known potential.

2. The proposed area is

- under a Federal lease for _____ under the jurisdiction of this office.
- not under a Federal lease under the jurisdiction of this office.
- Please request the operator to furnish resistivity, density, Gamma-Ray, or other appropriate electric logs covering all formations containing potentially valuable minerals subject to the Mineral Leasing Act of 1920.

*If location has strip mining potential:

Surface casing should be set to at least 50 feet below the lowest strip minable zone at _____ and cemented to surface. Upon abandonment, a 300-foot cement plug should be set immediately below the base of the minable zone.

**If location has underground mining potential:

The minable zones should be isolated with cement from a point 100 feet below the formation to 100 feet above the formation. Water-bearing horizons should be cemented in like manner. Except for salines or water-bearing horizons with potential for mixing aquifers, a depth of 4,000 feet has been deemed the lowest limit for cementing.

Signed Allen J. Vance

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

NAME OF COMPANY: Phillips Petroleum Company

WELL NAME: Bridger Laek Unit A #9

SECTION 24 NW NW TOWNSHIP 3N RANGE 14E COUNTY Summit

DRILLING CONTRACTOR Parker Drilling

RIG # 117

SPUDDED: DATE 8/26/80

TIME 6:00 p.m.

How rotary

DRILLING WILL COMMENCE ASAP

REPORTED BY Frnak Lyte

TELEPHONE #

DATE August 27, 1980

SIGNED *M. J. M.*

cc: USGS

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form 9-329 Rev. Feb 76
OMB 42-RO356

MONTHLY REPORT
OF
OPERATIONS

Lease No. NA
Communitization Agreement No. NA
Field Name NA
Unit Name Bridger Lake
Participating Area Dakota
County Summit State Utah
Operator Phillips Petroleum Company

Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of October, 1980

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report can result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

Well No.	Sec & 1/4 of 1/4	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
9	24	3N	14E	DRG		Present Operation as of October 31 TD 9154'. Tripping for bit.			1980 -----
<p>Drld to 6893'. Start trip for bit change. Pipe stuck w/bit. Ran free-pt., indicated pipe stuck at 1615'. Spotted 55 bbl diesel, worked pipe, bit came free. Pulled wear bushing, csg head showed wear. Washed & reamed from 6707-6893'. Resumed drlg to 7860'. Set 188 jts 9-5/8" csg at 7860', cmtd w/400 sx Class "G". Opened DV Collar at 730', cmtd w/400 sx Class "G". Cmt returns to surface. WIH w/8-1/2" bit to DV Collar. TOC at 7685'. Drld cmt to 7850'. Corrected DV Collar depth to 699'. Skidded rig 3-1/2" toward engines. Tstd BOP stack. Tstd csg to 1500 psi for 15 min, OK. Resumed drlg to 9092'. COOH for bit change, one cone off bit. WIH w/magnet, COOH, no recovery. WIH w/mill tooth bit & junk basket, rec fish. Resumed drlg to 9154'.</p>									

RECEIVED
NOV 20 1980

*If none, so state.

Disposition of production (Lease, Participating Area, or Communitized Area basis)

Oil & Condensate (BBLs)

DIVISION OF OIL, GAS & MINING
Gas (MCF) Water (BBLs)

- *On hand, Start of Month
- *Produced
- *Sold
- *Spilled or Lost
- *Flared or Vented
- *Used on Lease
- *Injected
- *Surface Pits
- *Other (Identify)
- *On hand, End of Month
- *API Gravity/BTU Content

_____	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
_____	_____	_____
_____	_____	XXXXXXXXXXXXXXXXXXXX
_____	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
_____	_____	XXXXXXXXXXXXXXXXXXXX
_____	_____	_____
_____	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
_____	_____	XXXXXXXXXXXXXXXXXXXX
_____	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX

Authorized Signature: D. J. Fisher
Title: Operations Superintendent

Address: P.O. Box 2920, Casper, WY 82602

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form 9-329 Rev. Feb 76
OMB 42-RO356

MONTHLY REPORT
OF
OPERATIONS

Lease No. NA
Communitization Agreement No. NA
Field Name NA
Unit Name Bridger Lake
Participating Area Dakota
County Summit State Utah
Operator Phillips Petroleum Company

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The following is a correct report of operations and production (including status of all unplugged wells) for the month of November, 19 80

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report can result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

Well No.	Sec. & 1/4 of 1/4	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
9	24	3N	14E	DRG	Present Operation as of November 30, 1980				--
Drld to 9952'. Testd BOP's, OK. Drld to 10880'. Tested BOP's, OK. Drld to 11475'. COOH. Chgd compound shaft, inspected DC, found 1 pin bad. WIH, hit bridge at 10884'. Washed & reamed to 11475'. Drld to 12161'. COOH for bit chg. Tested BOP's, OK. WIH to 12041', pipe stuck. Worked stuck pipe, bit plugged, unable to circ, unable to move up by jarring. Worked pipe down hole to 12051'. McCullough ran string shot on WL to bit at 12051'. Discharge string shot. COOH w/WL. Establish circ. Pmd down and worked pipe up 21 jts. Pipe came free. Fin COOH, chgd bits. WIH, washed & reamed to btm. Drld to 12673'. COOH. Magnafix DC. Chgd BHA. WIH, hit bridge at 12453', could not rotate. COOH to 12176'. Washed and reamed to 12673' & drld to 12973'.									

*If none, so state.

Disposition of production (Lease, Participating Area, or Communitized Area basis)

Oil & Condensate
(BBLs)

Gas
(MCF)

Water
(BBLs)

- *On hand, Start of Month
- *Produced
- *Sold
- *Spilled or Lost
- *Flared or Vented
- *Used on Lease
- *Injected
- *Surface Pits
- *Other (Identify)
- *On hand, End of Month
- *API Gravity/BTU Content

_____	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
_____	_____	_____
_____	_____	XXXXXXXXXXXXXXXXXXXX
_____	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
_____	_____	XXXXXXXXXXXXXXXXXXXX
_____	_____	_____
_____	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
_____	_____	XXXXXXXXXXXXXXXXXXXX
_____	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX

Authorized Signature: D. J. Fisher
Title: Operations Superintendent

Address: P.O. Box 2920, Casper, WY 82602

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form 9-329 Rev. Feb 76
OMB 42-RO356

MONTHLY REPORT
OF
OPERATIONS

Lease No. NA
Communitization Agreement No. NA
Field Name NA
Unit Name Bridger Lake
Participating Area Dakota
County Summit State Utah
Operator Phillips Petroleum Company

Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of January, 1981

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report can result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

Well No.	Sec. & 1/4 of 1/4	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
9	24	3N	14E	DRG	Present Operation	as of February 1, 1981			WO Completion Unit
<p>PBTD 15606, TD 15639. Drld to TD 15639', 1/2/81. Circ for logging. Made short trip 9 stds, hole tite. Washed & Reamed bridges 1521-15404', 15346-15652'. RU Schl., ran GR-Micro SFL-DILL. Logger TD 15632', Driller TD 15639'. Opened tool pads, logged to 15400', tool sticking badly, closed pads, went back to btm. Ran GR-DILL only 15632-7859'. Ran FDC-CNL to 15632'. Start Logging, CNL quit, tool sticking badly. Ran GR-FDC to 14000'. RD Schl. WIH w/DP, washed & reamed 15606-15639'. Made 15 std wiper trip, hole tite, intermittent sticking to 14294'. Reamed & washed bridges and tite spots. Made 15 std wiper trip, 100' fill. COOH LDDP. Ran 7" csg set at 15639', used 10 centralizers. Cntd w/350 sx Class G w/10% Diacel D, 3/10 of 1% FWL & 1/4#/sx Floclol, followed by 200 sx Class G w/3% KCL Wtr, 4/10% Halad-22A, 3/4% CFR-2, 1/4#/sx Floclol, 1/4% D-Air & 1/4% HR-5. Pmpd plug to 15606' at 3:00 pm, 1/9/81. Good returns. Bled press off. Float held. WOC 5 hrs. ND BOP. Cut off csg. Set slips and Released Rig at 9:00 pm, 1/10/81. Pits cleaned 12:00 noon, 1/11/80. Derrick Down 5:00 pm, 1/11/81.</p>									

*If none, so state.

Disposition of production (Lease, Participating Area, or Communitized Area basis)

	Oil & Condensate (BBLs)	Gas (MCF)	Water (BBLs)
*On hand, Start of Month	_____	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*Produced	_____	_____	_____
*Sold	_____	_____	XXXXXXXXXXXXXXXXXXXX
*Spilled or Lost	_____	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*Flared or Vented	XXXXXXXXXXXXXXXXXXXX	_____	XXXXXXXXXXXXXXXXXXXX
*Used on Lease	_____	_____	XXXXXXXXXXXXXXXXXXXX
*Injected	_____	_____	_____
*Surface Pits	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	_____
*Other (Identify)	_____	_____	_____
*On hand, End of Month	_____	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*API Gravity/BTU Content	_____	_____	XXXXXXXXXXXXXXXXXXXX

Authorized Signature: *D. V. Fisher*
D. V. Fisher

Address: P.O. Box 2920, Casper, WY 82602

Title: Operations Superintendent

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form 9-329 Rev. Feb 76
OMB 42-RO356

MONTHLY REPORT
OF
OPERATIONS

Lease No. NA
Communitization Agreement No. NA
Field Name NA
Unit Name Bridger Lake
Participating Area Dakota
County Summit State Utah
Operator Phillips Petroleum Company

Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of March, 19 81

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report can result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

Well No.	Sec & 1/4 of 1/4	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
9	24	3N	14E	DRG	Present Operation				as of April 1, 1981 -- Waiting on Csg Pulling Unit to Plug & Abandon.
<p>Swbd well, no significant show of oil or gas. Howco fraced w/3700 gal prepad. IP 4700 psi, annulus 2000 psi. Reset Pkr. Press up tbg. Pkr failed rev out 3700 gal prepad, 2000 gal fluid below pad. COOH w/3 1/2" tbg, found 1 jt tbg collapsed 200 stds down, about 12330'. Run 2 3/4" Kobe gauging tool on sand line at 1000' intervals. Set pkr at 5000', press tstd to 2000 psi, OK. Set 3 1/2" tbg w/RITS Model II pkr at 15400'. Started frac w/KCL prepad displacing lse wtr out of tbg into formation. Pmpd in 2400 gal gel pad at 7.2 BPM at 7910 psi, press incr to 9000 psi at 10.7 BPM. Pmpd in 1500 lb prop w/5790 gal gel. Flushed w/900 gal gel & 5800 gal KCL. All prop out in formation. ISIP 7500, 5 min 7100, 10 min 6900, 15 min 6800. Removed isolation tool. Swbd. No significant oil or gas. Howco mixed & pmpd 100 sx Class "G". Sqzd 50 sx below pkr at 15393'. 35 sx in form & 15 sx in csg below pkr. Rev out 50 sx. LD tbg. FD WS 3/19/81. WO Csg Pullers.</p>									

*If none, so state.

Disposition of production (Lease, Participating Area, or Communitized Area basis)

Oil & Condensate (BBLs)

Gas (MCF)

Water (BBLs)

- *On hand, Start of Month
- *Produced
- *Sold
- *Spilled or Lost
- *Flared or Vented
- *Used on Lease
- *Injected
- *Surface Pits
- *Other (Identify)
- *On hand, End of Month
- *API Gravity/BTU Content

_____	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
_____	_____	_____
_____	_____	XXXXXXXXXXXXXXXXXXXX
_____	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
_____	_____	XXXXXXXXXXXXXXXXXXXX
_____	_____	_____
_____	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
_____	_____	_____
_____	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
_____	_____	XXXXXXXXXXXXXXXXXXXX

Authorized Signature: [Signature]
D. J. Fisher
Title: Operations Superintendent

Address: Box 2920, Casper, WY 82602

**UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well gas well other Dry Hole

2. NAME OF OPERATOR
Phillips Petroleum Company

3. ADDRESS OF OPERATOR
Box 2920, Casper, Wyoming 82602

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 963' FNL & 855' FWL
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	<input type="checkbox"/>		<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>		<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>		<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>		<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>		<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>		<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>		<input type="checkbox"/>
ABANDON*	<input checked="" type="checkbox"/>		<input type="checkbox"/>
(other)			

5. LEASE
Utah 013146

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
Bridger Lake Unit

8. FARM OR LEASE NAME
Fork "A"

9. WELL NO.
9

10. FIELD OR WILDCAT NAME
Bridger Lake Field

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 24-T3N-R14E

12. COUNTY OR PARISH
Summit

13. STATE
Utah

14. API NO.
43-043-30142

15. ELEVATIONS (SHOW DF, KDB, AND WD)
8895 Gd.; 8923 KB

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

"A" zone 15546 - 15573 (OA) was squeezed with 80 sacks. "C" zone 15480 - 15505 was squeezed with 35 sx and 15 sx. Plug (82') was left in casing from 15480 to 15398. The well will be plugged by spotting 70 sx (200 ft) plug immediately above 7" casing stub; 75 sx (200 ft) from 7960 to 7760 (9-5/8" csg. set at 7860); 55 sx (150 ft) from 4000 to 3850; 37 sx (100 ft) from 500 to 400; and dry hole marker (4" x 10') marked "P.P.Co. Fork A-9 NW/4 Sec. 24-T24N-R14E", with 4' of DHM above ground level. Confirms verbal approval to Frank Lyte, from Bill Martens, USGS, SLC, Utah on March 26, 1981.

**APPROVED BY THE DIVISION
OF OIL, GAS, AND MINING**

DATE: 5-11-81 *Providing plugs are set in such a manner*

BY: M. J. Winder *that there is a solid cement plug @ through all casing to formation*

O&G - USGS - SLC
2 - Utah O&G CC - SLC
1 - File

Subsurface Safety Valve: Manu. and Type _____

18. I hereby certify that the foregoing is true and correct

SIGNED D. J. Fisher TITLE Operations Supt. DATE 3/30/81

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

RECEIVED

APR 1 1981

*See Instructions on Reverse Side

DIVISION OF
OIL, GAS & MINING

DIVISION OF OIL, GAS AND MINING

PLUGGING PROGRAM

NAME OF COMPANY: Phillips Petroleum

WELL NAME: Bridges Lake Fork A #9

SECTION 24 TOWNSHIP 3N RANGE 14E COUNTY Summit

VERBAL APPROVAL GIVEN TO PLUG AND ABOVE REFERRED TO WELL IN THE FOLLOWING MANNER:

TOTAL DEPTH: 15,573'

CASING PROGRAM:

13 3/8", 48# @ 500' circ. to surface
9 5/8", 40# @ 7860' TOC
8 3/4", 26-32# @ 15,725'

FORMATION TOPS:

Fort Union- 8240'
Mesa Verde- 11,050'
Hilliard- 12,735'
Frontier- 14,940'
Mowery- 15,055'
Sand- 15,265'
Dakota- 15,340'
Morrison- 15,725'

PLUGS SET AS FOLLOWS:

- 1) 15,573-15,546' squeezed and plug
- 2) 15,505-15,480'
- 3) 15,480-15,398'
- 4) 200' plug above 7" casing stub
- 5) 7960-7760' (9 5/8" shoe)
- 6) 4000-3850'
- 7) 500-400'
- 8) 50'-surface

Place 9.2# fresh water gel based abandonment mud between plugs; clean, restore and regrade site, erect regulation dryhole marker.

DATE 5-11-81 SIGNED MTM

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form 9-329 Rev. Feb 76
OMB 42-RO356

MONTHLY REPORT
OF
OPERATIONS

Lease No. NA
Communitization Agreement No. NA
Field Name NA
Unit Name Bridger Lake
Participating Area Dakota
County Summit State Utah
Operator Phillips Petroleum Company

Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of

May, 19 81

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report can result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

Well No.	Sec. & 1/4 of 1/4	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
9	24	3N	14E	Drg	Present	operation as of June 1, 1981 --			GIH to Shoot.

MI and Ru WS Unit 5/26/81. Weld 7" jt to csg. RU Csg Jacks. Pulled 400,000#, unable to release slips. Pulled to 500,000#, hyd line broke. Jacks shifted and broke csg at weld. Repaired line, realigned jacks, re-welded csg. Pulled to 450,000#, unable to unset slips. Attempted 2 Prima Cord shots around bowl to jar loose no success. Jarred on slips w/jack hammer. Worked csg and hammer on spool, no success. Fin cutting wellhead w/welder, slips free. Fin cutting out slips on 7" csg spool. Petro-log ran free-pt., stopped at 3824'. COOH. Petro-log ran spudding tool to 3960' fabricated 5 1/2" tool and ran w/sinker bar on rig sand line to TD of 9150'. Ran free-pt., pipe 75% free at 8000', ran 5 1/2" Petro-log jet cutter to 8000', had misfire. SDON.

*If none, so state.

Disposition of production (Lease, Participating Area, or Communitized Area basis)

Oil & Condensate
(BLS)

Gas
(MCF)

Water
(BLS)

- *On hand, Start of Month
- *Produced
- *Sold
- *Spilled or Lost
- *Flared or Vented
- *Used on Lease
- *Injected
- *Surface Pits
- *Other (Identify)
- *On hand, End of Month
- *API Gravity/BTU Content

_____	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
_____	_____	_____
_____	_____	XXXXXXXXXXXXXXXXXXXX
_____	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
_____	_____	_____
XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	_____
_____	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
_____	_____	XXXXXXXXXXXXXXXXXXXX
_____	_____	XXXXXXXXXXXXXXXXXXXX

Authorized Signature: D. J. Fisher
D. J. Fisher

Address: Box 2920, Casper, WY 82601

Title: Operations Superintendent

June 12, 1981

Phillips Petroleum Company
P. O. Box 2920
Casper, Wyoming 82602

Re: Well No. Bridger Lake Unit Fork A-9
Sec. 24, T. 3N, R. 14E
Summit County, Utah

Gentlemen:

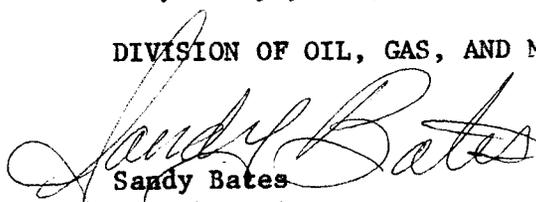
This letter is to advise you that the Well Completion or Recompletion Report and Log for the above mentioned well is due and has not been filed with this office as required by our rules and regulations.

Please complete the enclosed Form OGC-3, in duplicate, and forward them to this office as soon as possible.

Thank you for your cooperation relative to the above.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING



Sandy Bates
Cleark-Typist

**UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well gas well other **P & A'd**

2. NAME OF OPERATOR
Phillips Petroleum Company

3. ADDRESS OF OPERATOR
P.O. Box 2920, Casper, Wyoming 82602

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: **963' FWL & 855' FWL**
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	<input type="checkbox"/>		<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>		<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>		<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>		<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>		<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>		<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>		<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>		<input checked="" type="checkbox"/>
(other)	<input type="checkbox"/>		<input type="checkbox"/>

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

**Pulled 7" csg, total recovery 183 jts.
Spotted 85 SX Class I Cnt Plug from 7831-8071'.
LD 129 jts tbg.
Spotted 63 SX Class I Cnt Plug from 4000-3850'.
LD tbg to 500'.
Spotted 35 SX Class I Cnt Plug at 300'.
Cnt in place. Fin LD tbg. Released Rig at 2:00 P.M., 6/10/81. Well plugged and abandoned 6/10/81. Will install Dry Hole Marker after location is rehabilitated.**

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct
Original Signed By **D. J. Fisher** TITLE **Oper. Supt.** DATE **6/23/81**
SIGNED _____ TITLE _____ DATE _____
D. J. Fisher

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____
CONDITIONS OF APPROVAL, IF ANY:
3-USGS Salt Lake City, UT
2-Utah O&G CC, Salt Lake City, UT
1-File

**APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING**
DATE: **7/21/81**
BY: **OB Feight**

*See Instructions on Reverse Side

5. LEASE Utah 613145
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME Bridger Lake Unit
8. FARM OR LEASE NAME Fork "A"
9. WELL NO. 5
10. FIELD OR WILDCAT NAME Bridger Lake Field
11. SEC., T., R., M. OR BLK. AND SURVEY OR AREA Sec. 24 T-3N-R14E
12. COUNTY OR PARISH 13. STATE Summit Utah
14. API NO. 43-043-20145
15. ELEVATIONS (SHOW DF, KDB, AND WD) CR 8895', K2 8923'

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form 9-329 Rev. Feb 76
OMB 42-RO356

MONTHLY REPORT
OF
OPERATIONS

Lease No. NA
Communitization Agreement No. NA
Field Name NA
Unit Name Bridger Lake
Participating Area Dakota
County Summit State Utah
Operator Phillips Petroleum Company

Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of
June, 1981

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report can result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

Well No.	Sec. & 1/4 of 1/4	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
9	24	3N	14E	Drg					WIH w/Petro-log 5 1/2" jet cutter, stopped at 2400'. COOH w/cutter. WIH w/sand line and sinker bars, unable to move. Ran 1 jt tbg on sand line. Spudded 5 1/2" jet cutter to 8500'. Ran #2 cutter 8000', had misfire. Ran #3 cutter, cut off csg at 7900'. Pulled 7" csg, total recovery 183 jts. Spotted 85 sx Class I Cmt Plug from 7831-8071'. LD 129 jts tbg. Spotted 5 sx Class I Cmt Plug from 4000-3850'. LD tbg to 500'. Spotted 35 sx Class I Cmt Plug at 500'. Cmt in place. Fin laying down tbg. Released Rig at 2:00 PM, 6/10/81. Well Plugged and abandoned 6/10/81. Will Install Dry Hole Marker at later date. Final Report.

*If none, so state.

Disposition of production (Lease, Participating Area, or Communitized Area basis)

Oil & Condensate (BBLs)

Gas (MCF)

Water (BBLs)

- *On hand, Start of Month
- *Produced
- *Sold
- *Spilled or Lost
- *Flared or Vented
- *Used on Lease
- *Injected
- *Surface Pits
- *Other (Identify)
- *On hand, End of Month
- *API Gravity/BTU Content

_____	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
_____	_____	_____
_____	_____	XXXXXXXXXXXXXXXXXXXX
_____	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
_____	_____	XXXXXXXXXXXXXXXXXXXX
_____	_____	_____
_____	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
_____	_____	_____
_____	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
_____	_____	XXXXXXXXXXXXXXXXXXXX

Authorized Signature: [Signature]
D. J. Fisher
Title: Operations Superintendent

Address: Box 2920, Casper WY 82602

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLIC.

(See instructions on reverse side)

Form approved.
Budget Bureau No. 42-R355.5

4

5. LEASE DESIGNATION AND SERIAL NO.

Utah 013146

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Bridger Lake Unit

8. FARM OR LEASE NAME

Fork "A"

9. WELL NO.

9

10. FIELD AND POOL, OR WILDCAT

Bridger Lake

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

Sec. 24-T2N-R14E

12. COUNTY OR PARISH

Summit

13. STATE

Utah

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL GAS WELL DRY Other _____

b. TYPE OF COMPLETION: NEW WELL WORK OVER DEEP-EN PLUG BACK DIFF. RESVR.

2. NAME OF OPERATOR
Phillips Petroleum Company

3. ADDRESS OF OPERATOR
P. O. Box 292, Casper, Wyoming 82602

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 963' FWL & 855' FWL
At top prod. interval reported below
At total depth

14. PERMIT NO. 43-043-30142
DATE ISSUED 8/4/80

15. DATE SPUNDED 8/26/80
16. DATE T.D. REACHED 1/2/81
17. DATE COMPL. (Ready to prod.) P&A'd
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* GR8895', KB8923'
19. ELEV. CASINGHEAD -

20. TOTAL DEPTH, MD & TVD 15639
21. PLUG, BACK T.D., MD & TVD 15606'
22. IF MULTIPLE COMPL., HOW MANY* -
23. INTERVALS DRILLED BY
ROTARY TOOLS 0-15639'
CABLE TOOLS -

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
Plugged & Abandoned
25. WAS DIRECTIONAL SURVEY MADE
No.

26. TYPE ELECTRIC AND OTHER LOGS RUN
GE-Micro ETL-DILL, FDC-CNL, GR-FDC
27. WAS WELL CORED
No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8"	68#	509'	17 1/2"	1300ex Class G	-
9 5/8"	40#&43.5#	7860'	12 1/4"	830ex Class G in 2 Stages	-
7"	26#& 29#	15639'	8 1/2"	550ex Class G	6775'

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
-	-	-	-	-

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
-	-	-

31. PERFORATION RECORD (Interval, size and number)

15546-50', 2 SPF, 4" csg gun	32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.
15554-58', " " "	
15560-73', " " "	
15480-15505', 4 HPF, 1-9/16" tbg gun	

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
15546-15573	Acidized w/1500 gal 15% HCL, & 3500 gal 15% H ₂ Acid, & 5000 gal 15% NCA. S _q used w/80 ex Class G. (over)

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)
-	-	P&A'd

DATE OF TEST	HOURS TESTED	CHOKER SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
-	-	-	-	-	-	-	-

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
-	-	-	-	-	-	-

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)
TEST WITNESSED BY

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED D. J. Fisher TITLE Operations Superintendent DATE 6/23/81

3-USGS
2-Utah O&G CC, Salt Lake City, UT
1-Bartlesville Prod.
1-Denver Prod.
1-File

*(See Instructions and Spaces for Additional Data on Reverse Side)

