

**SAN JUAN COUNTY MUSEUM ASSOCIATION  
EASTERN NEW MEXICO UNIVERSITY  
DIVISION OF CONSERVATION-ARCHAEOLOGY**

ROUTE 3 • BOX 169  
FARMINGTON, NEW MEXICO 87401

PHONES: 632-2013 • 632-2733 • 632-2777

Archaeological Clearance Survey Report

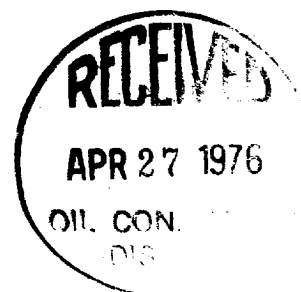
for

Kirby Exploration Co.

April 16, 1976

by

Pat Zarnowski



Location

Navajo 1

Introduction

The Division of Conservation Archaeology of the San Juan County Museum Association and Eastern New Mexico University recently completed an archaeological clearance survey on Navajo land to be impacted by the scheduled construction of a well and access road.

The survey was initiated at the request of J. D. Hicks of Engineering & Production Service, Inc. It was administered by Mr. Hicks representing Kirby Exploration Co. and by Dr. J. Loring Haskell who serves as the principal investigator for the Division of Conservation Archaeology of the San Juan County Museum Association and Eastern New Mexico University.

The field work was conducted on April 13, 1976 by Pat Zarnowski representing the Division of Conservation Archaeology under provisions of permit number 75-NM-017. Other representatives in the field were J. D. Hicks of Engineering & Production Service, Inc., and Jim Hill of Allen Construction Co.

Survey

The requested archaeological clearance survey involved the following proposed well located in San Juan County, New Mexico on the Navajo

April 16, 1976

Indian Reservation. (For specific details as to location, see the attached plats and copy of topographic map and also the recommendation section of this report.)

The survey method used consisted of walking the proposed route of the pad area and access road in a zig-zag manner and to visually inspect the surface for signs of any cultural activity. Erosional gullies, arroyos, and cuts in the earth (i.e. road cuts) were also inspected for signs of subsurface cultural strata.

Navajo 1: This well is to be located on the first terrace of the north side of the San Juan River. The entire area had been disturbed. This was part of an old irrigation project and canals were present and the land had been plowed. The only vegetation was Russian thistle or tumbleweed (*Salsola kali*). No cultural resources were encountered.

#### Recommendations

Because of the lack of cultural resources in this area to be impacted, it is recommended that archaeological clearance be granted.

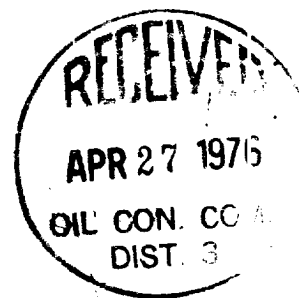
Navajo 1

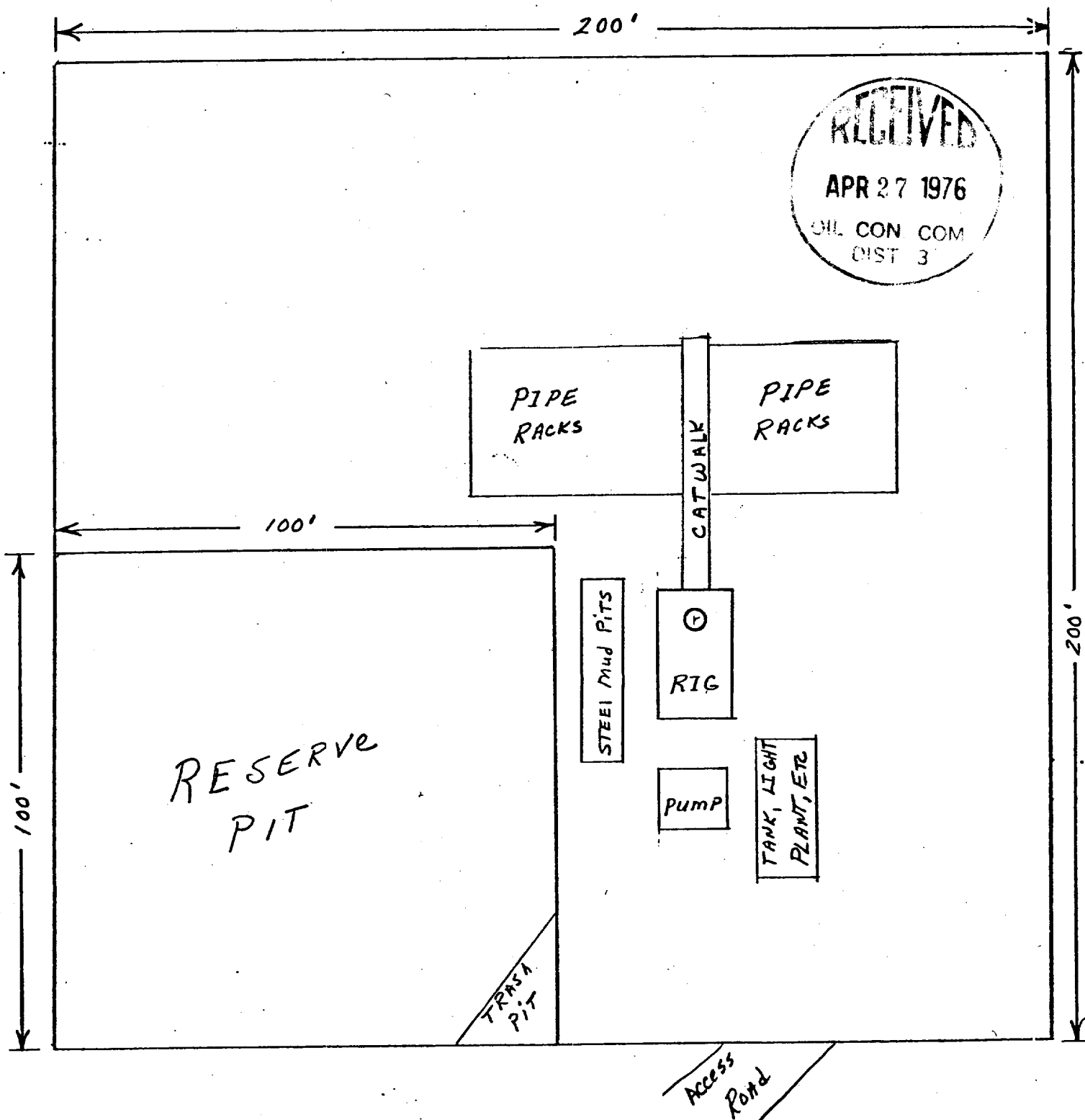
Pad area: approximately 2 acres.

Access road: 30 feet by approximately 150 feet.

660 feet from the North line, and 1,980 feet from the West line of Section 23, Township 31 North, Range 19 West, San Juan County, New Mexico. Map source: U.S.G.S. Rattlesnake 15 minute quadrangle.

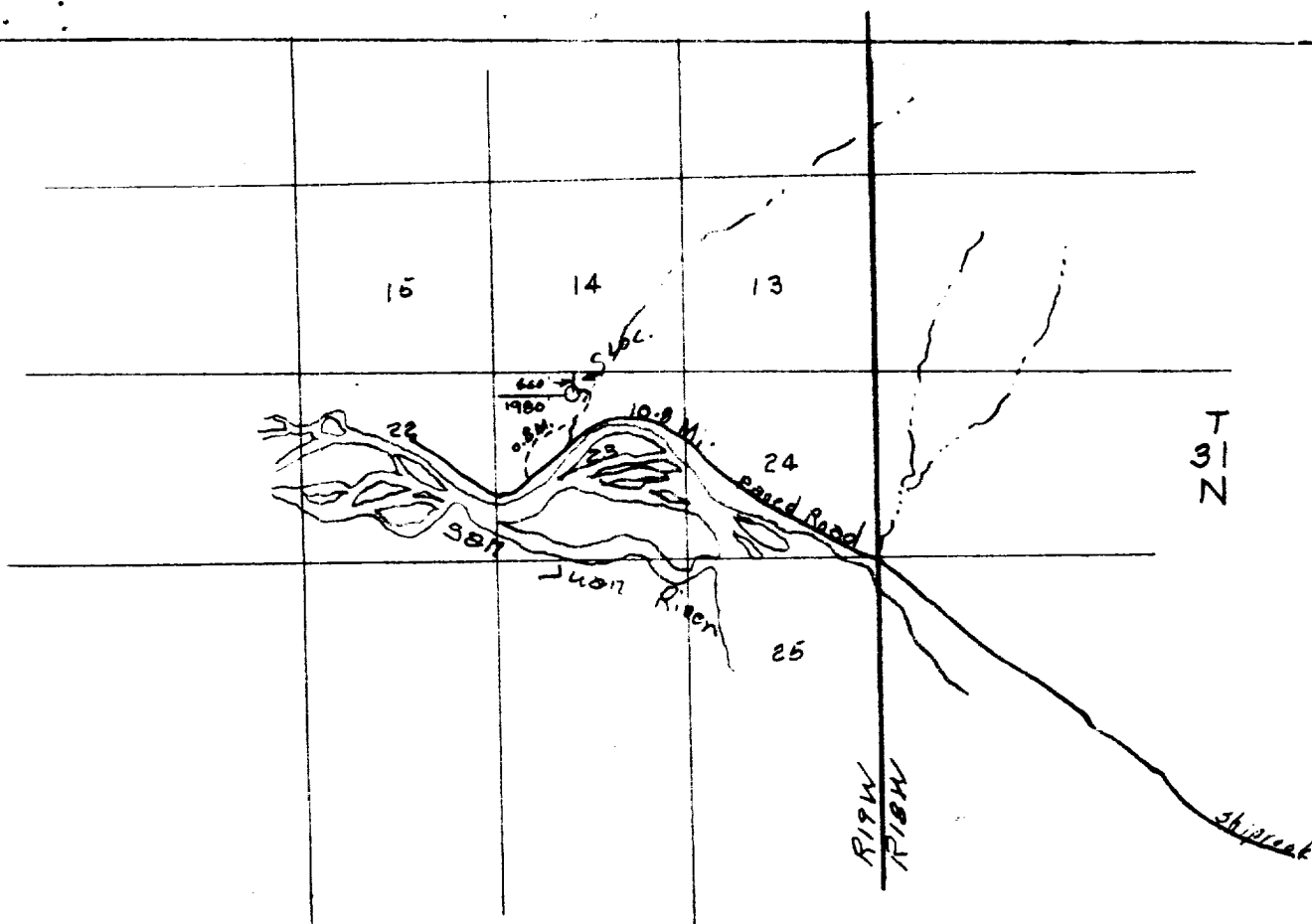
Recommended





Scale 1" = 30 feet

Kirby Exploration Company  
Navajo #1  
660' FNL and 1980' FWL  
Sec. 23, T31N, 19W  
Wildcat  
San Juan County, New Mexico



Vicinity Map For  
KIRBY EXPLORATION CO.  
showing

Well Location in NE 1/4 NW 1/4  
Sec. 23, T31N, R19W, N.M.P.M.,  
San Juan County, New Mexico

Scale: 1" = 1 mile Date 4/9/1976

San Juan Engineering Co.

Farmington, New Mexico

# ENGINEERING & PRODUCTION SERVICE, Inc.

P. O. BOX 190 — PH. 325-1924  
FARMINGTON, NEW MEXICO 87401

April 23, 1976

**RECEIVED**

APR 26 1976

**U. S. GEOLOGICAL SURVEY**  
FARMINGTON, N. M.

U. S. Department of Interior  
Geological Survey  
P.O. Box 959  
Farmington, New Mexico 87401

Attn: Mr. Phil T. McGrath  
District Engineer

RE: Development Plan for  
Surface Use  
Kirby Exploration Co.  
Navajo #1  
660' FNL, 1980' FWL  
Sec. 23 - 31N - 19W  
Wildcat

Gentlemen:

Enclosed is the "Application for Permit to Drill" (form #9-331-C) for the subject well. Attached to the application are the following reports: Archaeological Report, Surveyor Plat, drill site plat and vicinity map. Mr. Pat Zarnowski of the San Juan County Museum Association, Division of Conservation Archaeology inspected the site on April 13, 1976.

Development plan for surface use is as follows:

- 1, 2, 3, 4, 5, & 10: Vicinity map and drill site plat attached.
6. Vicinity Map. Water for drilling will be obtained from the nearby San Juan River.
7. A waste disposal pit will be provided for the garbage and trash. Location shown on drill site plat.
8. No camp.
9. No air strip.
11. Should the well be a commercial producer, it will be equipped to facilitate producing operations. All drilling pits will be filled, the location leveled and all areas reseeded except that used for day to day operations. In the event the well is a dry hole, all pits will be filled, location and well site reseeded in compliance with Bureau of Land Management specifications. During dry out time required for the reserve pit it will be fenced to eliminate livestock entry.

U. S. Department of Interior  
April 23, 1976  
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12. The drill site is located on the first terrace of the north side of the San Juan River. This area is part of an old irrigation project and the land had been plowed. The only vegetation is Russian Thistle or tumbleweed.

Should further information be needed, please advise.

Yours very truly,

*William T. Jones*

William T. Jones

WTJ:kj

Enclosures

