

Archeological Survey of Proposed Well Locations  
Armour Federal #1 and Grigsby #1 Conducted  
for Kirby Exploration Company

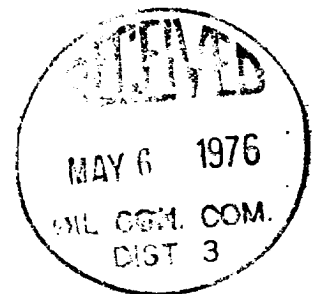
R. B. Grove



Report 76-SJC-045  
of the  
Cultural Resource Management Program  
San Juan Campus  
New Mexico State University

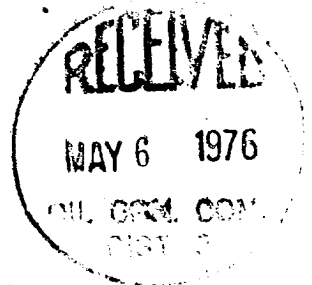
6 May 1976

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R. B. Grove  
Coordinator, Cultural Resource  
Management Program  
San Juan Campus  
New Mexico State University  
6 May 1976

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This survey was conducted on 1 and 5 May 1976 by R. D. Grove of New Mexico State University (Federal Antiquities Permit 75-111-013). The proposed construction is to lie on Bureau of Land Management lands in San Juan County, New Mexico. The land is to be withdrawn for the Navajo Indian Irrigation Project. In each case a radius of about 200 feet around the proposed wellhead was visually inspected on foot. As access to the location will be by existing trails, this will occasion little additional surface disturbance. The access routes were inspected from a slow moving vehicle. In no case was anything found to indicate that the proposed construction will have either direct or indirect adverse effects on cultural resources. This finding is consistent with expectations based on earlier surveys in the area.

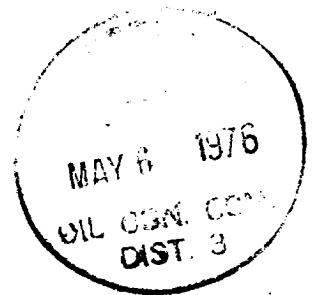
Proposed Well Armour Federal #1 to be located 1000 feet from the north line and 1350 feet from the west line of Section 4, Township 26 North, Range 13 West, N.M.P.M. (Figures 1 and 2).

This well was originally to have been located 990 feet from the north and west lines of the section but was moved to conform to N.I.I.P. plans for the area. Both locations were inspected. The well will lie on a heavily grazed flat between two sand dunes. The vegetation at the location consists principally of blue gramma, mormon tea, galleta, and snakeweed.

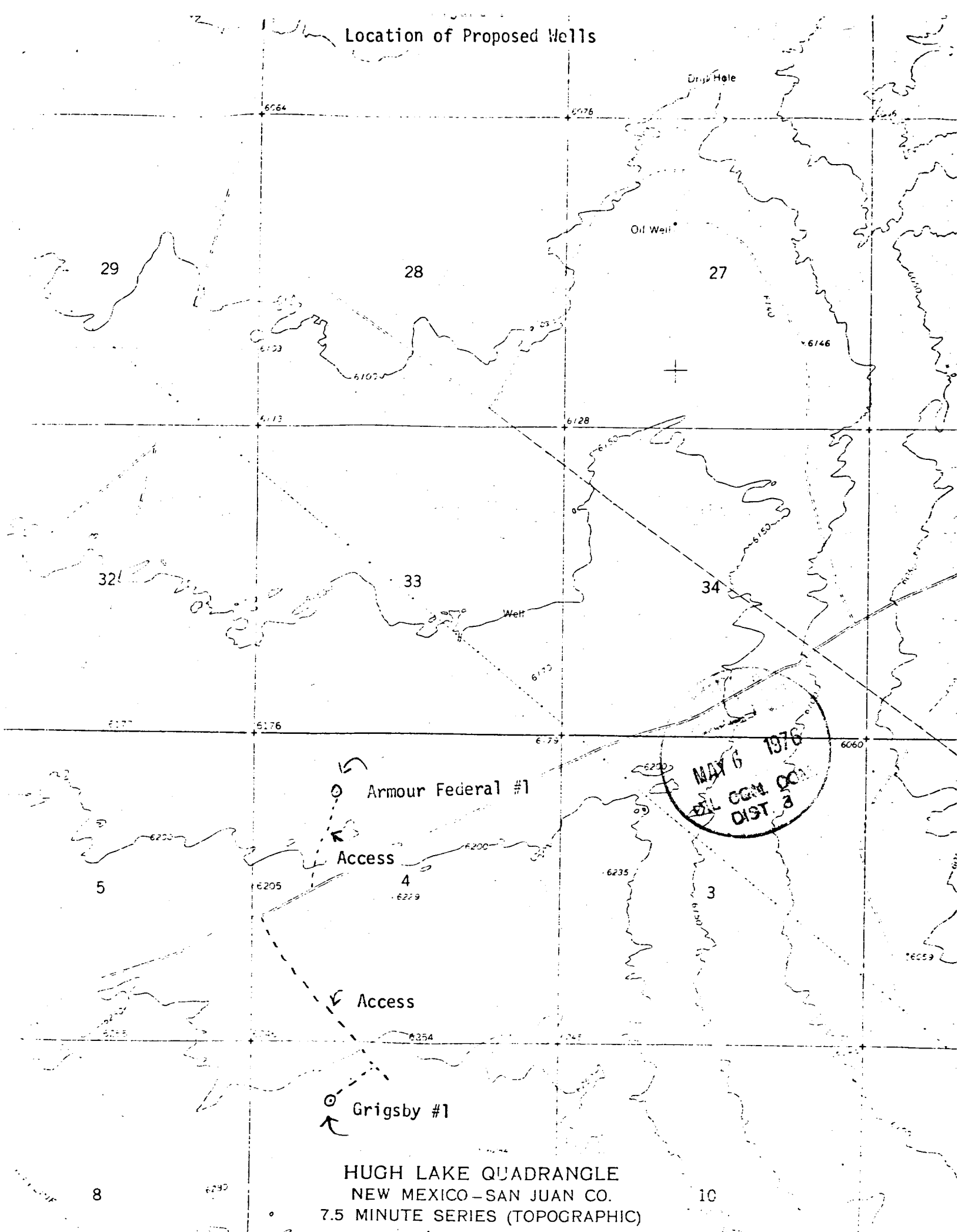
Proposed Well Grigsby #1 to be located 1070 feet from the north line and 1350 feet from the west line of Section 9, Township 26 North, Range 13 West, N.M.P.M. (Figures 1 and 3).

This well was originally to have been located 790 feet from the north line and 1650 feet from the west line of this section but was moved to conform to N.I.I.P. development plans for the area. Both locations were inspected.

This well is to lie on the south slope of a stabilized dune. The vegetation at the location consists principally of blue gramma, galleta, mormon tea, and snakeweed.



Location of Proposed Wells



HUGH LAKE QUADRANGLE  
NEW MEXICO - SAN JUAN CO.  
7.5 MINUTE SERIES (TOPOGRAPHIC)

Figure 2  
Vicinity of Proposed Well Armour Federal #1

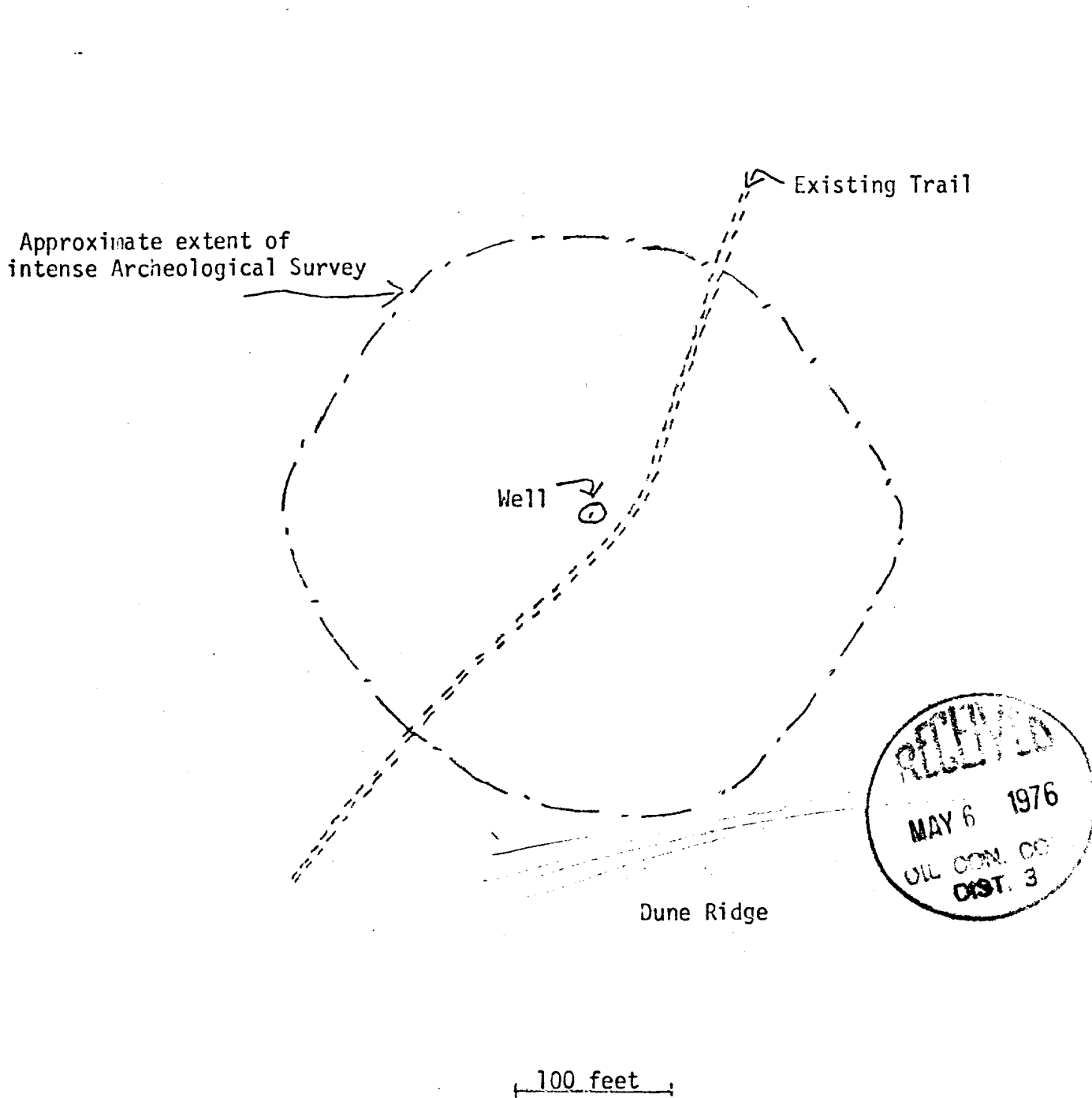
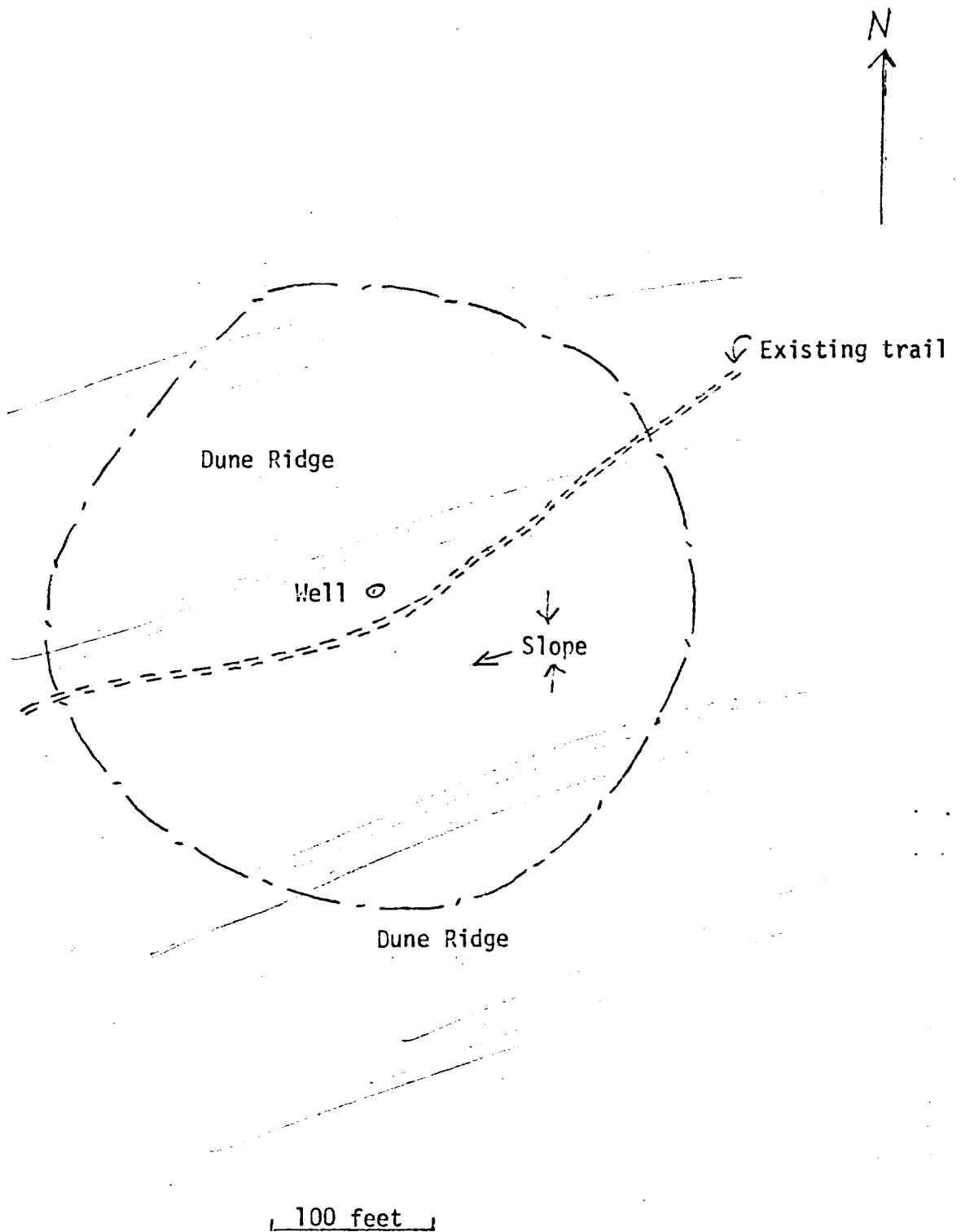


Figure 3  
Vicinity of Proposed Well Grigsby #1



# ENGINEERING & PRODUCTION SERVICE, Inc.

P. O. BOX 190 — PH. 325-1924

FARMINGTON, NEW MEXICO 87401

May 5, 1976

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

RECEIVED

MAY 8 1976

U. S. GEOLOGICAL SURVEY

Attention: Mr. Phil T. McGrath  
District Engineer

RE: Development Plan for Surface Use  
Kirby Exploration Co.  
Grigsby #1  
1070' FNL and 1350' FWL  
Sec 9 - 26N - 13W  
WAW Picture Cliff Extension

Gentlemen:

Enclosed is the "Application for Permit to Drill" (form #9-331C) for the captioned well. Attached to the application are the following reports: archaeological report, surveyor plat, drill site plat and vicinity map. A visual inspection of the location was made by the following representatives: Mr. R. B. Grove of the New Mexico State University, Mr. Bob Moore of the Bureau of Land Management, and Mr. Greg Majkrzak with the United States Geological survey.

The original location for this well was located in the middle of a field in the proposed Navajo Irrigation Project. The Bureau of Indian Affairs requested that the drill site be moved to the present location so as to cause the least amount of activity with the sprinkling activities. The present site is a non-standard location and an application for a non-standard location is being prepared to be submitted to the New Mexico Oil Conservation Commission.

The development plan for surface use is as follows:

Points 1, 2, 3, 4, 5, & 10 Vicinity map and drill site plat attached.

Point 6. Vicinity map. Water for drilling will be obtained from the San Juan River at the South edge of Farmington.

Point 7. A waste disposal pit will be provided for the garbage and trash. Location shown on the drill site plat.

Point 8. No camp.



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Point 9. No air strip.

Point 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, all areas reseeded except that used for day to day operations. Should the well be 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.

Point 12. The drill site will lie on the south slope of a stabilized dune. The vegetation consists of blue gramma, galleta, mormon tea, and snakeweed. This location will also be in the area of the N.I.I.P. and be farmed in the future.

Should further information be required, please advise.

Yours truly,

*William T. Jones*

W. T. Jones

WTJ:kj

Enclosures

