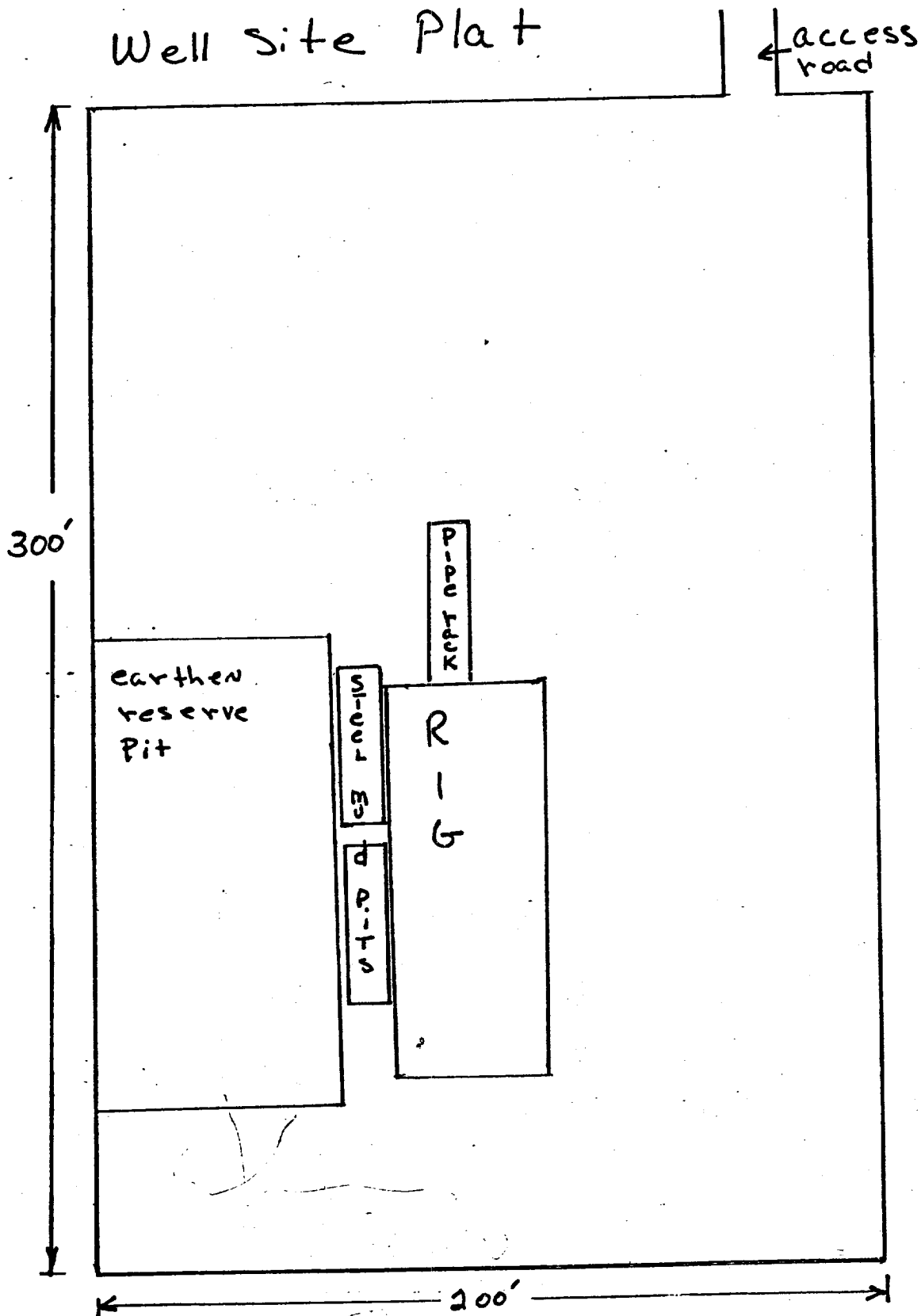


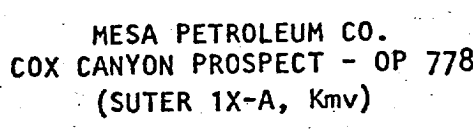
Well Site Plat



scale 1"=40'

Mesa Petroleum Company
Suter 1A
1190' FNL & 2110' FWL
Sec 13 - 32N - 11W
Blanco Mesa Verde
San Juan County, New Mexico

4358 II
(RED MESA)



Archaeological Clearance Survey Report

for

Mesa Petroleum Company

Locations

Siter No. 1 X-A
State Com No. 41

Prepared by
Pat Zarnowski

Submitted by
Dr. J. Loring Haskell
Operations Director and
Principal Investigator
Agency of Conservation Archaeology

February 7, 1977

Introduction

The Agency of Conservation Archaeology of the San Juan County Museum Association and Eastern New Mexico University recently completed an archaeological clearance survey in Cox Canyon and Alamo Canyon. This land is to be impacted by the scheduled construction of two wells by Mesa Petroleum Company of Antec, New Mexico.

The survey project was initiated at the request of Mr. Jack Cook of 3 E Company, Inc. on February 3, 1977. It was administered by Mr. Cook and by Dr. J. Loring Haskell, who serves as the principal investigator for the Agency of Conservation Archaeology in Portales, New Mexico.

The field work was conducted by Ms. Pat Zarnowski of the Agency of Conservation Archaeology in Farmington on February 4, 1977 under provisions of Federal Antiquities permit No. 76-MM-023, which expires on March 7, 1977. Other representatives in the field included Mr. Jack Cook of 3 E Company, Inc., Mr. Bob Moore of the Bureau of Land Management, Mr. Ray Swanson and Mr. Bill Hoppe of the United States Geological Survey, and Mr. Joe McKinney of Atchinson Construction.

Survey

The requested archaeological clearance survey involved the two well locations described below and located on land under the jurisdiction of the Bureau of Land Management. For specific details of location, please see the attached maps and the Recommendations section of this report.

The general survey procedure used was to walk the area of proposed construction in a zigzag manner. Visual inspection was made of the ground surface for evidence of any artifactual remains of historic or prehistoric origin. Erosional gullies were checked for signs of subsurface activity. Floral, faunal and geological observations were made to briefly describe the environmental situation.

Suter No. 1 X-A

Environment: This well is to be located in Cox Canyon, about three quarters of a mile south of the Colorado border. There is an existing pipeline here and it will be adjacent to the east side of the well pad. The pipeline will also serve as the access route to the well. The predominant vegetation where construction will take place is the big sagebrush (Artemisia tridentata), tumble weed (Salsola kali), four wing saltbush (Atriplex canescens) and cheat grass (Bromus tectorum). The eastern side of the pad area is open, but the other three sides are bordered by a sandstone mesa. At the foot of the mesa pinons (Pinus edulis), junipers (Juniperus sp.), yucca (Yucca baccata) and snakeweed (Cutierrezia sarothrae) are growing. The soil is a loose sandy loam. A small herd of deer was spotted in this general vicinity.

Cultural resources: None.

State Com No. 41

Environment: The head of Alamo Canyon is the proposed location for this well. Portions of the area where construction will take place are disturbed as a result of activities related to an already existing well, which will be adjacent to this well at the southwest corner. Big sagebrush (Artemisia tridentata), four wing saltbush (Atriplex canescens) and various grasses are the main vegetation here. There is a deep drainage gully on all but the southwest side, and this was checked very closely for any subsurface and eroding archaeological material.

Cultural resources: None.

Recommendations

<u>Well</u>	<u>Area</u>	<u>Location</u>	<u>Clearance Status</u>
Suter No. 1 X-A	Pad: 300' x 200'	1,190 feet from the North line, 2,110 feet from the West line in the Northeast $\frac{1}{4}$ of the North- west $\frac{1}{4}$ of Section 13, Township 32 North, Range 11 West, San Juan County, New Mexico. Map source: U. S. G. S. 15 minute Aztec Quad- rangle.	Recommended
State Com No. 41	Pad: 300' x 200'	1,760 feet from the South line 1,850 feet from the West line in the Northeast $\frac{1}{4}$ of the Southwest $\frac{1}{4}$ of Section 32, Township 31 North, Range 9 West, San Juan County, New Mexico. Map source: U. S. G. S. 15 minute Aztec Quadrangle.	Recommended

Because no archaeological material was encountered during the survey of these two locations, it is recommended that archaeological clearance be granted. It is felt that the construction of these wells will not have any adverse impact on our cultural resources.