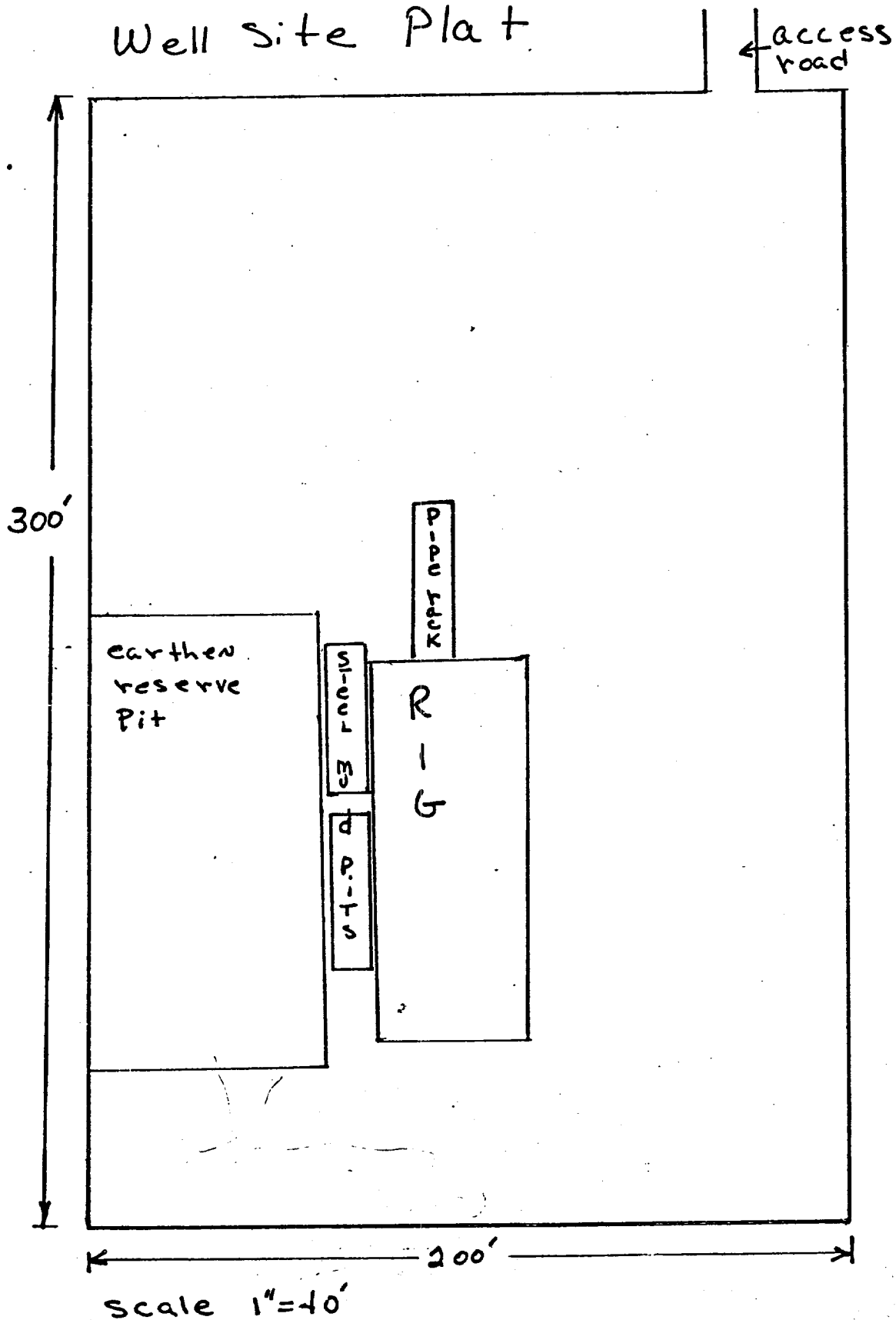


Well Site Plat



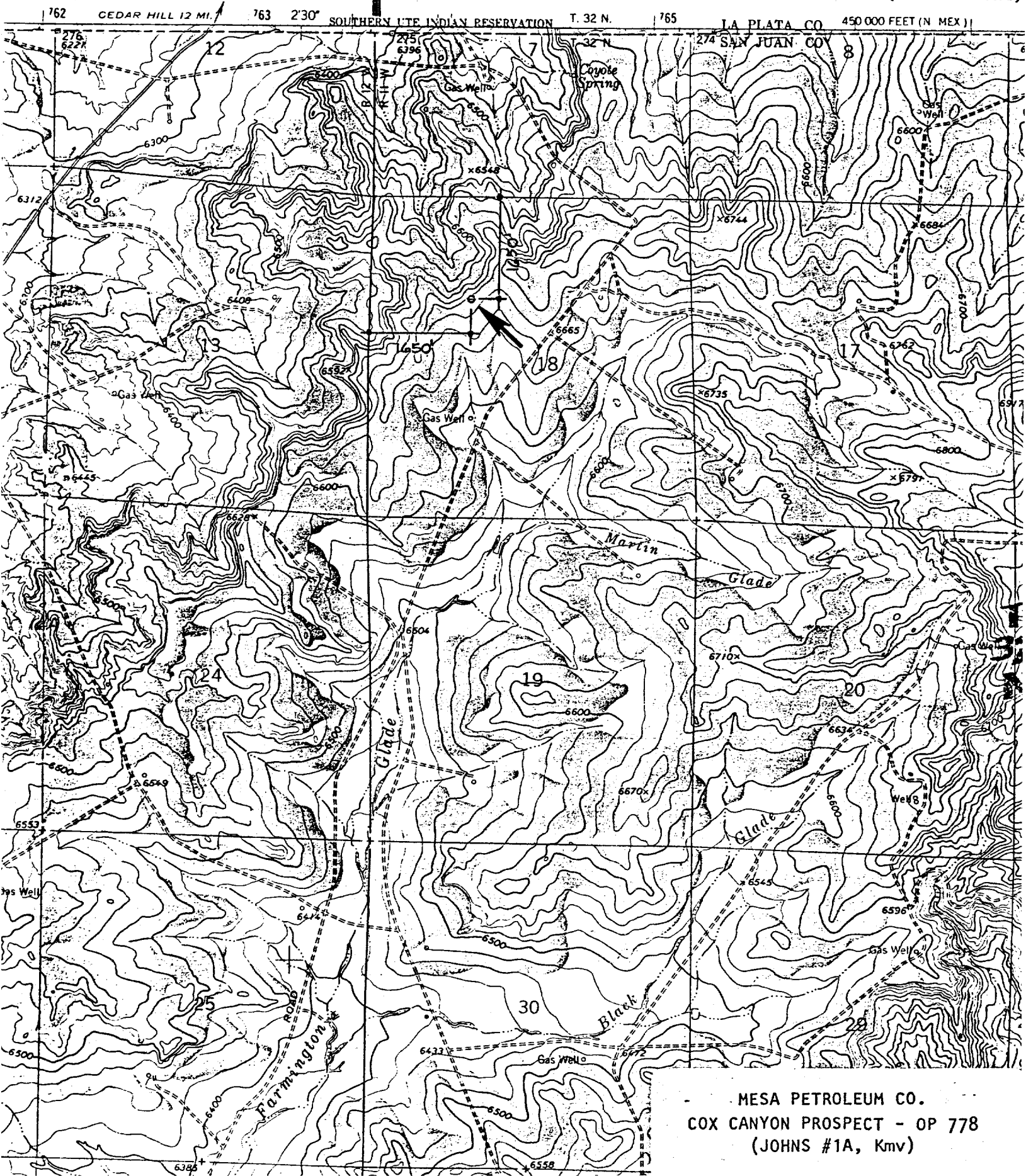
NORTH

Scale 1"=40'

Mesa Petroleum Company
Johns 1-A
1850' FNL & 1650' FWL
Sec 18 -32N - 11W
Blanco Mesa Verde
San Juan County, New Mex

R12W | R11W

ADOBE DOWNS RANCH QUADRANGLE
NEW MEXICO-COLORADO
7.5 MINUTE SERIES (TOPOGRAPHIC)



MESA PETROLEUM CO.
COX CANYON PROSPECT - OP 778
(JOHNS #1A, Kmv)

Archaeological Clearance Survey Report
for
Mesa Petroleum Company

Location

John 1 A

Prepared by
Mary L. Thul

Submitted by
Dr. J. Loring Haskell
Operations Director and
Principal Investigator

AGENCY OF CONSERVATION ARCHAEOLOGY

May 18, 1977

Introduction

The Agency of Conservation Archaeology of the San Juan County Museum Association and Eastern New Mexico University recently completed an archaeological survey in the Farmington Glade area on land that will be impacted by the scheduled construction of a new well by Mesa Petroleum Company of Aztec, New Mexico.

The survey project was initiated at the request of Mr. Jack Cook of the 3 E Company, Inc. 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. Mary L. Thul of the Agency of Conservation Archaeology in Farmington on May 18, 1977 under provisions of Federal Antiquities permit No. 77-NM-030 which expires on December 31, 1977. Mr. Bill Jones represented 3 E Company, Inc. in the field. The delay in field work was necessitated by inclement weather.

Survey

The requested archaeological clearance survey involved the well location described below and located on land under the jurisdiction of the Bureau of Land Management. For specific details, please refer to the attached map and the Recommendations section of the report.

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

John 1 A

Environment: This well is located on the gently sloping top of a Mesa above Farmington Glade. The major vegetation is pinyon-juniper forest (*Juniperus* sp. and *Pinus edulis*). The shrubs prevalent in the area are cliff pendler bush (*Pendlera aggregata*) which is in bloom now, mountain mahogany (*Cercocarpus montanus*), Serviceberry (*Amelanchier utahensis*), Mormon tea (*Ephedra* sp.), rabbitbrush (*Chrysothamnus* sp.) and snakeweed (*Gutierrezia serotina*). Various grasses and small herbs such as red gilia (*Gilia aggregata*) are also present. The area also has outcrops of yellow sandstone, and the soil is a sandy clay.

Mesa Petroleum Company
May 18, 1977
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Cultural Resources: Four sherds of a gray utility ware were observed in a washed area approximately 100 yards from the existing access road. There is no concentration area and no other artifacts were observed in this area. Therefore, it is considered to be an isolated find.

Recommendations

Since the artifacts observed on the access road right-of-way do not constitute a site, as such, it is recommended that archaeological clearance be granted for this location.

<u>Well</u>	<u>Area</u>	<u>Location</u>	<u>Clearance Status</u>
John 1 A	Pad: 300' x 300' Road: 3000' x 30'	SE $\frac{1}{4}$ of NW $\frac{1}{4}$ Sec 18 T32N, R11W San Juan County, New Mexico Map Source: USGS Adobe Downs Ranch, New Mexico & Colorado 7.5 min. quad.	Recommended

3E COMPANY, INC.

Engineering • Energy • Exploration

P. O. Box 190 — 505/327-4020

FARMINGTON, NEW MEXICO 87401

June 14, 1977

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

Attention: Mr. P. T. McGrath
District Engineer

RE: Development Plan for Surface Use
Mesa Petroleum Company
Johns #1A
1850' FNL & 1650' FWL
Sec 18 - 32N - 11W
Blanco Mesa Verde
San Juan County, New Mexico

Gentlemen:

Attached is the "Application for Permit to Drill" (form #9-331C) for the subject well. Also enclosed are the following items: surveyor's plat, drill site plat, vicinity map and archaeological report. Mr. Bob Moore of the Bureau of Land Management, Mr. Ray Swanson of the United States Geological Survey and Ms. Mary Thul of the Agency of Conservation Archaeology have inspected the site.

The development plan for surface use is as follows:

- Points 1, 3, 4, 6, & 9 Vicinity map and drill site plat attached.
- Point 2. Water bars will be used on all roads where necessary.
- Point 5. Water for drilling will be trucked from Aztec, New Mexico approximately 10 miles to the south.
- Point 7. A waste disposal pit will be provided for the garbage and trash. Location shown on drill site plat. Drilling fluids will be contained in reserve pit until such time as evaporation occurs and then pits will be covered.
- Point 8. No camps or airstrip.

U.S. Department on Interior
Page 2
June 14, 1977

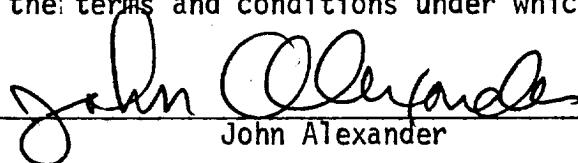
Point 10. Should the well be a commercial producer, it will be equipped to facilitate producing operations with all drilling pits filled, location leveled and well site reseeded in compliance with current Bureau of Land Management seeding requirements. During dry out time required for the reserve pit it will be fenced to eliminate livestock entry. All facilities will be painted green. Federal Standard 595-34127.

Point 11. The proposed location on top of a gently sloping mesa. Major vegetation is pinon, juniper, cliff fendler, rabbit brush and other native grasses and weeds. The soil is a sandy clay.

Point 12. John Alexander
3E Company, Inc.
P.O. Box 190
Farmington, NM 87401
Phone: 505-327-4020

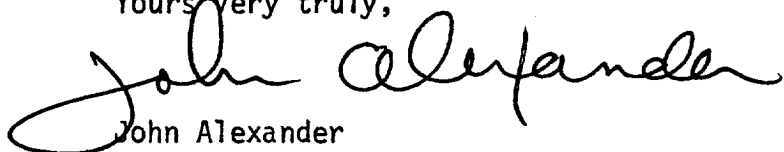
Point 13. I hereby certify that I or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which presently exist; that the statements made in the plan are to the best of my knowledge, true and correct; and, that the work associated the the operations proposed herein will be performed by Mesa Petroleum Company and its contractors and sub-contractors in conformity with this plan and the terms and conditions under which it is approved.

6-14-77


John Alexander

Should further information be desired, please advise.

Yours very truly,


John Alexander

JA:st

Attachments