

By GPP

FORISTER & SWEATT  
P. O. Box 161  
Artesia, New Mexico 88210

June 1, 1984

Mr. Joe Ramey  
Energy and Minerals Dept.  
Oil Conservation Division  
P. O. Box 2088  
Santa Fe, New Mexico 87501

NSL-1836  
RULE 104FI  
RELEASE IMMEDIATELY  
FEDERAL LEASE

Re: Unorthodox Location - Topography  
~~Forister-Sweatt #1-17 Sabine-Federal~~  
~~Southeast Chaves Queen Field~~ ~~88210~~  
Chaves County, New Mexico

Dear Sir:

We are planning to drill the above well at a location 1,980' FN and WL Sec. 17, 13S-31E, as per spacing regulations in the Southeast Chaves Queen Field. However, New Mexico Archeological Services, Inc. located some Indian artifacts at this location and suggested that we move the location 150 feet due north.

We respectfully request administrative approval of an unorthodox location 1,830' FNL & 1,980' FWL Sec. 17, 13S-31E in accordance with Rule 104-F, Topography. The archeological report will be sent to you under separate cover.

Enclosed are three copies of C-102, area plat, and certified mail receipts showing notification of offsetting operators, who are Dalport Oil, Yates Drilling Co., S. P. Yates and Amoco Production Co.

Please advise if more information is necessary.

Very truly yours,

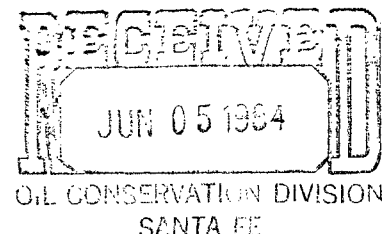
FORISTER & SWEATT

By Clarence Forister  
Clarence Forister

cc: Dalport Oil Corp.  
1134 The 600 Building  
Corpus Christi, Texas 78473

Yates Drilling Co.  
and S. P. Yates  
207 South 4th Street  
Artesia, NM 88210

Mr. Jerry Webb  
Amoco Production Co.  
P. O. Box 3092, Houston, Tx 77253



R-31-E

7

Dalport ✓  
HBP  
NM 15499

8

Dalport Oil ✓  
HBP  
NM 15898

9

S.P. Yates ✓  
HBP  
DIS 807

U.S.

U.S.

Forister-Sweet

Yates Drilling Co  
HBP  
0256521

Open

18

"Sabine - Fed-17"  
Dalport Oil ✓  
HBP  
NM 15499

17

S.P. Yates ✓  
HBP  
DIS 807

16

U.S.

U.S.

Amoco Prod Co. ✓  
HBP  
080126

Dalport Oil ✓  
HBP  
NM 1535

19

20

21

R-31-E

U.S.

U.S.

Map showing  
offset operators

Chaves Co, N.M.

**NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form C-102  
Supersedes C-128  
Effective 1-1-65

All distances must be from the outer boundaries of the Section. Amended

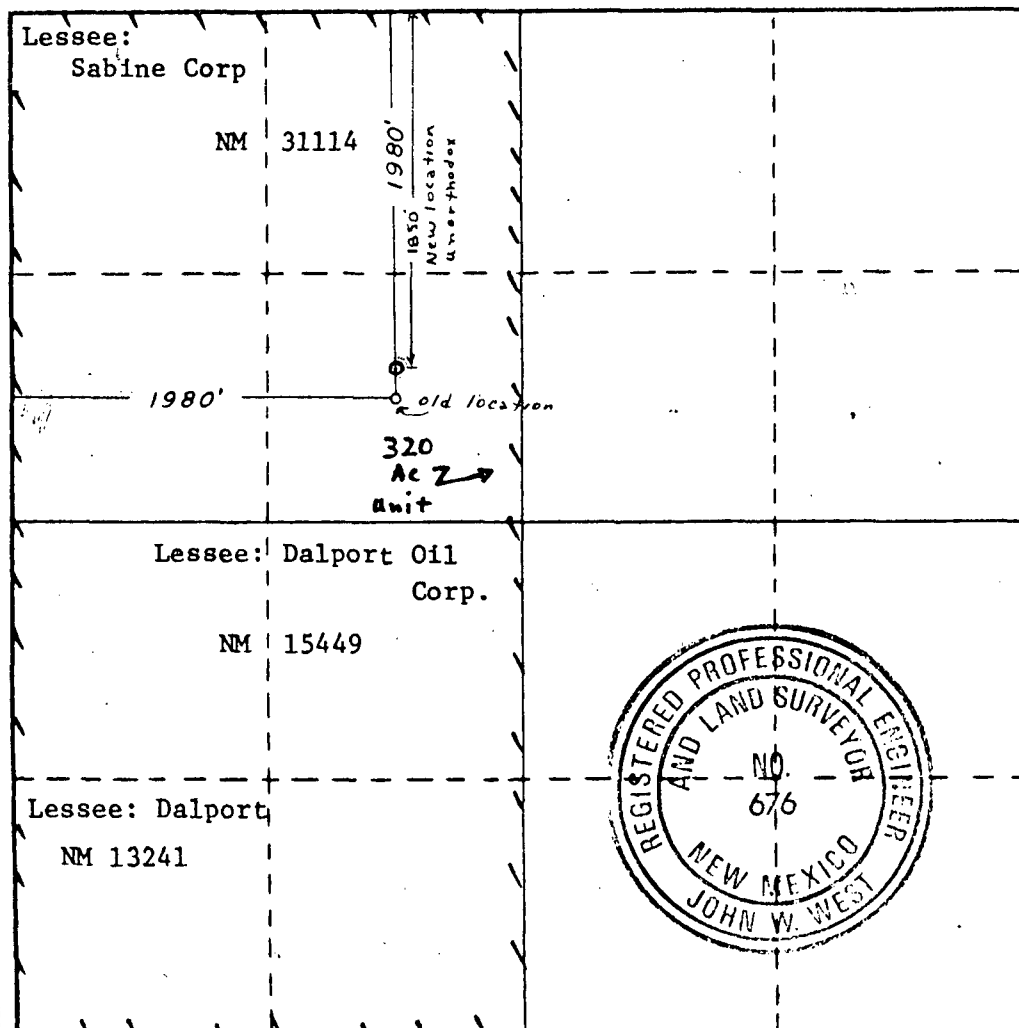
Operator <b>Forister &amp; Sweatt</b>			Lease <b>Sabine Federal - 17</b>		Well No. <b>1</b>
Unit Letter <b>F</b>	Section <b>17</b>	Township <b>13S</b>	Range <b>31E</b>	County <b>Chaves County</b>	
Actual Footage Location of Well: <b>1980</b> feet from the <b>North</b> line and <b>1980</b> feet from the <b>West</b> line					
Ground Level Elev. <b>4045.5</b>	Producing Formation <b>Queen</b>		Pool <b>Chaves, SE - Queen Assoc.</b>		Dedicated Acreage: <b>320</b> Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☒ No If answer is "yes," type of consolidation to be communitized

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) \_\_\_\_\_

No allowable will be assigned to the well until all interests have been consolidated (by communization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



**CERTIFICATION**

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Name  
**Clarence Forister**  
Position  
**Partner**  
Company  
**FORISTER & SWEATT**  
Date  
**4 - 11 - 84**

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed  
**April 7, 1984**  
Registered Professional Engineer and/or Land Surveyor

Certificate No. **JOHN W. WEST, 676**  
**RONALD J. EIDSON, 3259**

P 615 605 817

**RECEIPT FOR CERTIFIED MAIL**

NO INSURANCE COVERAGE PROVIDED  
NOT FOR INTERNATIONAL MAIL

(See Reverse)

PS Form 3800, Feb. 1982

★ U.S.G.P.O. 1983-403-517

Sent to Yates Drilling Co. and S. P. Yates	
Street and No. 207 South 4th Street	
P.O., State and ZIP Code Artesia, NM 88210	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to whom and Date Delivered	
Return receipt showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	\$
Postmark or Date	

**CERTIFIED**  
P 615 605 817  
**MAIL**

P 615 605 818

**RECEIPT FOR CERTIFIED MAIL**

NO INSURANCE COVERAGE PROVIDED  
NOT FOR INTERNATIONAL MAIL

(See Reverse)

PS Form 3800, Feb. 1982

★ U.S.G.P.O. 1983-403-517

Sent to Mr. Jerry Webb Ampco Production Co.	
Street and No. P. O. Box 3092	
P.O., State and ZIP Code Houston, Texas 77253	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to whom and Date Delivered	
Return receipt showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	\$
Postmark or Date	

**CERTIFIED**  
P 615 605 818  
**MAIL**

P 615 605 816

**RECEIPT FOR CERTIFIED MAIL**

NO INSURANCE COVERAGE PROVIDED  
NOT FOR INTERNATIONAL MAIL

(See Reverse)

PS Form 3800, Feb. 1982

★ U.S.G.P.O. 1983-403-517

Sent to Dalport Oil Corp.	
Street and No. 1134 The 600 Building	
P.O., State and ZIP Code Corpus Christi, Tx 78473	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to whom and Date Delivered	
Return receipt showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	\$
Postmark or Date	

**CERTIFIED**  
P 615 605 816  
**MAIL**

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

Form C-103  
Revised 10-1-78

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S	
LAND OFFICE	
OPERATOR	

**RECEIVED**  
OIL CONSERVATION DIVISION  
P.O. Box 2088  
SANTA FE, NEW MEXICO 87501  
APR 18 1984  
O. C. D.  
ARTESIA, OFFICE

**RECEIVED**  
OIL CONSERVATION DIVISION  
SANTA FE  
APR 12 1984

5a. Indicate Type of Lease  
State ☒ Fee ☐

5. State Oil & Gas Lease No.  
E-5668

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 "APPLICATION FOR PERMIT-" (FORM C-101) FOR SUCH PROPOSALS.)

1. OIL WELL ☐ GAS WELL ☒ OTHER ☐

2. Name of Operator  
Read & Stevens, Inc.

3. Address of Operator  
P.O. Box 1518, Roswell, NM 88201

4. Location of Well

UNIT LETTER J 1980 FEET FROM THE South LINE AND 1980 FEET FROM THE East LINE. SECTION 14 TOWNSHIP 16S RANGE 31E NMPM

5. Elevation (Show whether DF, RT, GR, etc.)  
4392.1' GR

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

PERFORM REMEDIAL WORK	<input type="checkbox"/>	PLUG AND ABANDON	<input type="checkbox"/>	REMEDIAL WORK	<input type="checkbox"/>	ALTERING CASING	<input type="checkbox"/>
TEMPORARILY ABANDON	<input type="checkbox"/>	CHANGE PLANS	<input type="checkbox"/>	COMMENCE DRILLING OPNS.	<input type="checkbox"/>	PLUG AND ABANDONMENT	<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>			CASING TEST AND CEMENT JOB	<input type="checkbox"/>		
OTHER Request for Non-Standard Proration Unit	<input checked="" type="checkbox"/>			OTHER	<input type="checkbox"/>		

Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

We respectfully request administrative approval of a Non-Standard Proration Unit, consisting of the NW/2 of the SE/4, Sec. 14-16S-31E, ±80 acres. Getty Oil Company and Read & Stevens, Inc. are the offset operators. A certified letter has been sent to Getty notifying them of our proposed Non-Standard Unit. Enclosed is a C-102 with the proposed Proration Unit outlined in red, with the owners of the offset acreage indicated.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED Ben Stebbins TITLE Drilling & Production Manager DATE 4-10-84

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

NSP-1425  
RULE 104 D II  
RELEASE IMMEDIATELY  
STATE LEASE

**RECEIVED**  
JUN 25 1984  
OIL CONSERVATION DIVISION  
SANTA FE

NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION AT

Form C-102  
Supersedes C-128  
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

Operator <b>READ &amp; STEVENS INC.</b>			Lease <b>GETTY MESA</b>			Well No. <b>112</b>		
Unit Letter <b>J</b>	Section <b>14</b>	Township <b>16 South</b>	Range <b>31 East</b>	County <b>SANTA FE</b>				
Actual Footage Location of Well: <b>1980</b> feet from the <b>South</b> line and <b>1980</b> feet from the <b>East</b> line								
Ground Level Elev: <b>4392.1</b>	Producing Formation <b>Premier</b>		Pool <b>Wildcat</b>			Dedicated Acreage <b>80</b> Acres		

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation \_\_\_\_\_

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) \_\_\_\_\_

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.

<b>RECEIVED BY</b> <b>APR 18 1984</b> <b>O. C. D.</b> <b>ARTESIA, OFFICE</b>		
Getty Oil Co.	Read & Stevens, Inc.	Read & Stevens, Inc.
Read & Stevens, Inc.	Read & Stevens, Inc.	Read & Stevens, Inc.

STATE OF NEW MEXICO  
 HERSCHEL L. JONES  
 3640  
 REGISTERED LAND SURVEYOR

CERTIFICATION	
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.	
<i>Tricia Boardman</i>	
Name	Tricia Boardman
Position	Authorized Agent
Company	Read & Stevens, Inc.
Date	March 15, 1984
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.	
Date Surveyed	6/22/83
Registered Professional Engineer and/or Land Surveyor	
<i>Herschel Jones</i>	
Certificate No.	3640

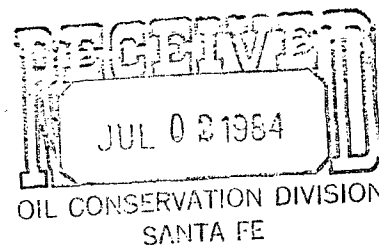


**Amoco Production Company**

Houston Region  
501 WestLake Park Boulevard  
Post Office Box 3092  
Houston, Texas 77253

R. E. Ogden  
Regional Engineering  
Manager

June 25, 1984



File: JCA-986.51-1317

Re: Unorthodox Location  
#1-17 Sabine-Federal  
Section 17, T-13-S, R-31-E  
Chaves County, New Mexico

Mr. Joe Ramey  
State of New Mexico  
Energy and Minerals Dept.  
Oil Conservation Division  
P. O. Box 2088  
Santa Fe, NM 87501

Gentlemen:

Forister & Sweatt has filed an application to drill the subject well at an unorthodox location 1,830' FNL and 1,980' FWL of Section 17, T-13-S, R-31-E, Chaves County, New Mexico.

As an offset operator, Amoco Production Company has no objection to the drilling of the subject well at the above mentioned location.

Yours very truly,

*R.E. Ogden*  
*mlc*

MLC/bdb  
1123/G

cc: Forister & Sweatt  
P. O. Box 161  
Artesia, New Mexico 88210



# NMAS

## New Mexico Archaeological Services, Inc.

P. O. Box 1341

Carlsbad, New Mexico 88220

(505) 887-7646

1 June 1984

Reconnaissance  
Excavation  
Analysis  
Explanation  
Curation

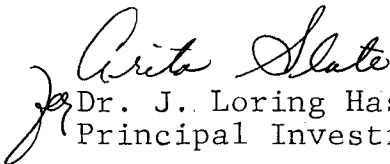
Mr. Joe Ramey  
Energy and Minerals  
Oil Conservation Division  
P.O. Box 2088  
Santa Fe, New Mexico 87501

Re: Request for unorthodox location

Dear Mr. Ramey:

Enclosed please find NMAS' Archaeological Clearance Report for FORISTER AND SWEATT's proposed Sabine Federal "17" Well No. 1, Section 17, T13S, R31E, NMPM, Chaves County, New Mexico. Owing to the presence of an archaeological site, FORISTER AND SWEATT is requesting approval of an unorthodox location. As proposed the location will be situated 1830 from the north line and 1980 from the west line, Section 17, T13S, R31E, NMPM, Chaves County, New Mexico.

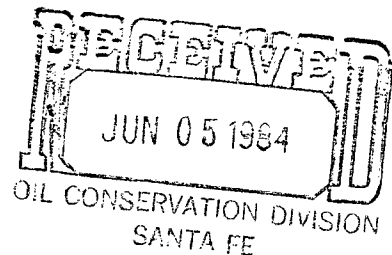
Yours sincerely,



Dr. J. Loring Haskell  
Principal Investigator

cc: Mr. Bill Sweatt, FORISTER AND SWEATT, Artesia

as







**NMAS**  
**New Mexico Archaeological Services, Inc.**

P. O. Box 1341  
Carlsbad, New Mexico 88220  
(505) 887-7646

Reconnaissance  
Excavation  
Analysis  
Explanation  
Curation

1 June 1984

Mr. Bill Sweatt  
FORISTER AND SWEATT  
P.O. Box 827  
Artesia, New Mexico 88210

Dear Mr. Sweatt:

Enclosed please find NMAS' Archaeological Clearance Report for FORISTER AND SWEATT's proposed Sabine Federal "17" Well No. 1 and its associated access road and pipeline in Chaves County, New Mexico. Two archaeological sites (NMAS 5654 and NMAS 5655) were recorded during this reconnaissance. NMAS is suggesting clearance for this project provided the archaeological sites are avoided; please consult our report for the suggested mitigation.

If you have any questions pertaining to this report, please call my office. Thank you for asking NMAS to do this reconnaissance.

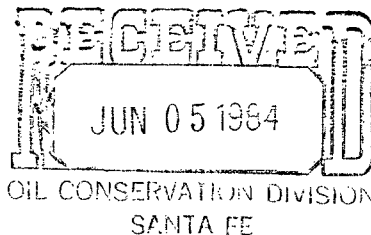
Yours sincerely,

*J. Loring Haskell*  
Dr. J. Loring Haskell  
Principal Investigator

Enclosure

cc: Mr. Hugh G. Ball, BLM, Roswell  
Mr. Tom Hewitt, Bureau of Land Management Minerals Oil  
and Gas, Roswell  
Mr. Curtis Schaafsma, Laboratory of Anthropology,  
Santa Fe  
Mr. Thomas W. Merlan, SHPO, Santa Fe

as



Archaeological Clearance Report

for

FORISTER AND SWEATT

Sabine Federal "17" Well No. 1  
Proposed Pipeline  
Sections 8 and 17, T13S, R31E,  
NMPPM, Chaves County, New Mexico

Prepared

By

Dr. J. Loring Haskell

Submitted

By

Dr. J. Loring Haskell  
Principal Investigator  
New Mexico Archaeological Services, Inc.  
Carlsbad, New Mexico

1 June 1984

Permit No. 82-NM-376

## ABSTRACT

New Mexico Archaeological Services, Inc., representing FORISTER AND SWEATT, Artesia, undertook an archaeological reconnaissance of Bureau of Land Management lands scheduled to be impacted by the construction of a drill location, its associated access road and pipeline. The proposed work will be situated in Sections 8 and 17, T13S, R31E, NMPM, Chaves County, New Mexico. Cultural properties consist of two archaeological sites (NMAAS 5654 and NMAAS 5655). NMAAS is suggesting clearance for FORISTER AND SWEATT's proposed work provided the archaeological sites are avoided.

## Introduction

On 18 May 1984, New Mexico Archaeological Services, Inc., (NMAS), Carlsbad, undertook for FORISTER AND SWEATT, Artesia, an archaeological reconnaissance of federal lands administered by the Bureau of Land Management in Chaves County, New Mexico. The reconnoitered area will be impacted by the construction of a drill location and its associated access road and pipeline. This project was advanced by Mr. Leon Lampert, FORISTER AND SWEATT, and administered by Dr. J. Loring Haskell, Principal Investigator, NMAS, Inc. This reconnaissance was undertaken by Dr. Haskell.

## Survey Technique

For this investigation, FORISTER AND SWEATT's proposed location was reconnoitered for evidence of man's past activities by walking it in a series of 25 ft wide, close interval (15° or less), zigzag transects. In addition, an added zone extending 20 ft on each side of the staked 400 X 400 ft location and lying outside the bounds of the proposed work area, was reconnoitered by a similar means. The access road and pipeline were walked in two, 25 ft wide transects. Lathe is considered to be the center of the proposed road. (The pipeline will parallel the east side of the access road.) Methodologically, this procedure served to promote optimal conditions for the visual examination of areas to be impacted by construction-related activities.

Sabine Federal "17" Well No. 1

## Location

The proposed location will measure 400 X 400 ft (Actual Area Surveyed 4.44 Acres) on federal lands and will be situated 1980 ft

from the north line and 1980 ft from the west line:

Section 17, T13S, R31E, NMPM, Chaves County, NM

Thus it will be situated in the:

SE $\frac{1}{4}$ NW $\frac{1}{4}$ , Section 17, T13S, R31E, NMPM, Chaves County, NM

The associated access road will measure approximately 20 X 4600 ft  
(Actual Area Surveyed 5.28 Acres) and is situated in the:

NE $\frac{1}{4}$ SW $\frac{1}{4}$ , Section 8, T13S, R31E, NMPM, Chaves County, NM  
SE $\frac{1}{4}$ SW $\frac{1}{4}$ , Section 8, T13S, R31E, NMPM, Chaves County, NM  
SW $\frac{1}{4}$ SE $\frac{1}{4}$ , Section 8, T13S, R31E, NMPM, Chaves County, NM  
NW $\frac{1}{4}$ NE $\frac{1}{4}$ , Section 17, T13S, R31E, NMPM, Chaves County, NM  
NE $\frac{1}{4}$ NW $\frac{1}{4}$ , Section 17, T13S, R31E, NMPM, Chaves County, NM  
SE $\frac{1}{4}$ NW $\frac{1}{4}$ , Section 17, T13S, R31E, NMPM, Chaves County, NM

Map Reference: USGS CAUDILL RANCH QUADRANGLE, 7.5 Minute Series,  
1973.

### Terrain

FORISTER AND SWEATT's proposed location will be situated on a gently rolling landform due west of the Llano Estacado. Overall, the coeval surface is characterized by fields of coppice dunes and occasional unstabilized barchans. Microrelief ranges between 0.50 to as much as 6.0 m. Surficial deposits are composed of Holocene- and Pleistocene-aged sandy loams and loamy sands. Deflation basins are of variable shape and range from closed, self-contained types to linear- and serpentine-shaped ones occurring within dolines. Drainage is of an internal nature and typically moves as a result of ephemeral sheetwash. Exceptions, however, do occur as a deeply incised arroyo courses through the area on the north and another on the south. Runoff is generally to the west. Caliche inclusions, along with some cherts and less frequent quartzites, occur in associated soils. Soils are assignable to the Typic Torripsamment subgroup.

## Floristics

Plants comprising the floral community's overstory are Quercus havardii, Artemisia filifolia, Prosopis juliflora, Sapindus drummondii, Yucca glauca and Chrysothamnus pulchellus. Forbs are represented by Gutierrezia sarothrae, Zinnia acerosa, Senecio sp., Mentzelia sp., Dalea lachnostachys, Euphorbia sp., Calylophus sp. and Shrankia occidentalis. The Gramineae is represented by Aristida sp., Andropogon spp., Stipa neomexicana and Sporobolus flexuosus.

## Cultural Resources

During the course of this reconnaissance, two archaeological sites (NMAS 5654 and NMAS 5655) were recorded.

NMAS 5654

Location: NW $\frac{1}{4}$ SE $\frac{1}{4}$ SE $\frac{1}{4}$ NW $\frac{1}{4}$ , Section 17, T13S, R31E, NMPM, Chaves County,  
NM

UTM: Zone 13, N3,672,930; E607,610

Map Reference: USGS CAUDILL RANCH QUADRANGLE, 7.5 Minute Series,  
1973.

Ownership: Bureau of Land Management

Dimension of Resources: 35 X 60 m

Typological Designation: Special Activities Zone

Authorship/Temporality: Unknown

Nature of Cultural Resources: NMAS 5654, a small special activities zone, is situated in an isolated dune field of semi-stable character. Cultural properties occur within three self-contained deflation basins. Areal microrelief ranges up to 6.0 m in height.

Observed archaeological remains consist of chert primary- and secondary-decortication flakes, chert thinning flakes, a chert side scraper, opaline flint primary- and secondary decortic-

ation flakes, ground sand stone fragments, an eroded fire hearth, and an amorphous scatter of burned- and fire-cracked caliche cobbles and gravels. Resources occur in the form of one concentration and a light scatter in adjoining deflation basins. Activities here focused on flaked-tool manufacture along with some milling of vegetal resources. Reusage of this site seems probable owing to the distribution and small size of the fire-cracked caliche. Occupancy, however, was brief, probably lasting no longer than a day or so on each occasion. Subsurface burial of some cultural properties seems likely owing to the unstable character of associated deposits.

Further work at NMAS 5654 should focus on more precise mapping, collection and analysis of attendant remains along with establishment of authorship.

#### NMAS 5655

Location: NE $\frac{1}{4}$ NW $\frac{1}{4}$ SE $\frac{1}{4}$ NW $\frac{1}{4}$ , Section 17, T13S, R31E, NMPM, Chaves County,  
NM

UTM: Zone 13, N3,673,110; E607,570

Map Reference: USGS CAUDILL RANCH QUADRANGLE, 7.5 Minute Series,  
1973.

Ownership: Bureau of Land Management

Dimension of Resources: 60 X 120 m

Typological Designation: Special Activities Zone

Authorship/Temporality: Eastern Jornada Mogollon

Nature of Cultural Resources: NMAS 5655, a special activities

zone, is situated in the midst of a field of coppice-type dunes located immediately north of a minor doline. Areal microrelief ranges between 1.25 and 4.0 m in height. While some deflation basins

are closed and self-contained, most are interconnected and subject to the effects of ephemeral sheetwash.

Observed cultural properties include numerous chert and opaline flint primary- and secondary-decortication flakes, thinning flakes of these materials, very occasional quartzite primary- and secondary decoration flakes, a quartzite scraper, numerous broken manos and metates, undiagnostic pieces of ground sandstone, as well as Jornada Brown, El Paso Brown, Roswell Brown and Chupadero Black-on-white potsherds. Additionally, several eroded fire hearths were noted along with a general scatter of burned- and fire-cracked caliche cobbles and gravels. Sherds are numerous and are usually small in size. Only two Chupadero Black-on-white potsherds were observed with the remainder of the ceramics being brownwares. Resources occur in the form of a series of concentrations separated by light- to very-light scatters.

Tasks at NMAS 5655 focused on flaked-tool manufacture (all phases of it), milling activities and cooking. (The site may be related <sup>related</sup> to NMAS 5654 which is situated to the south across the doline.) Reusage is a certainty judging by the amount of cultural detritus here and the small size of most of the burned caliche indicting probable reusage of fire hearths.

Further work at NMAS 5655 should include precise mapping of resources, collection, analysis, comparison of findings with areally similar sites and formal reporting.

#### Recommendations

NMAS suggests clearance for FORISTER AND SEWATT's location provided NMAS 5654 is avoided. (NMAS 5655 is not threatened by the proposed



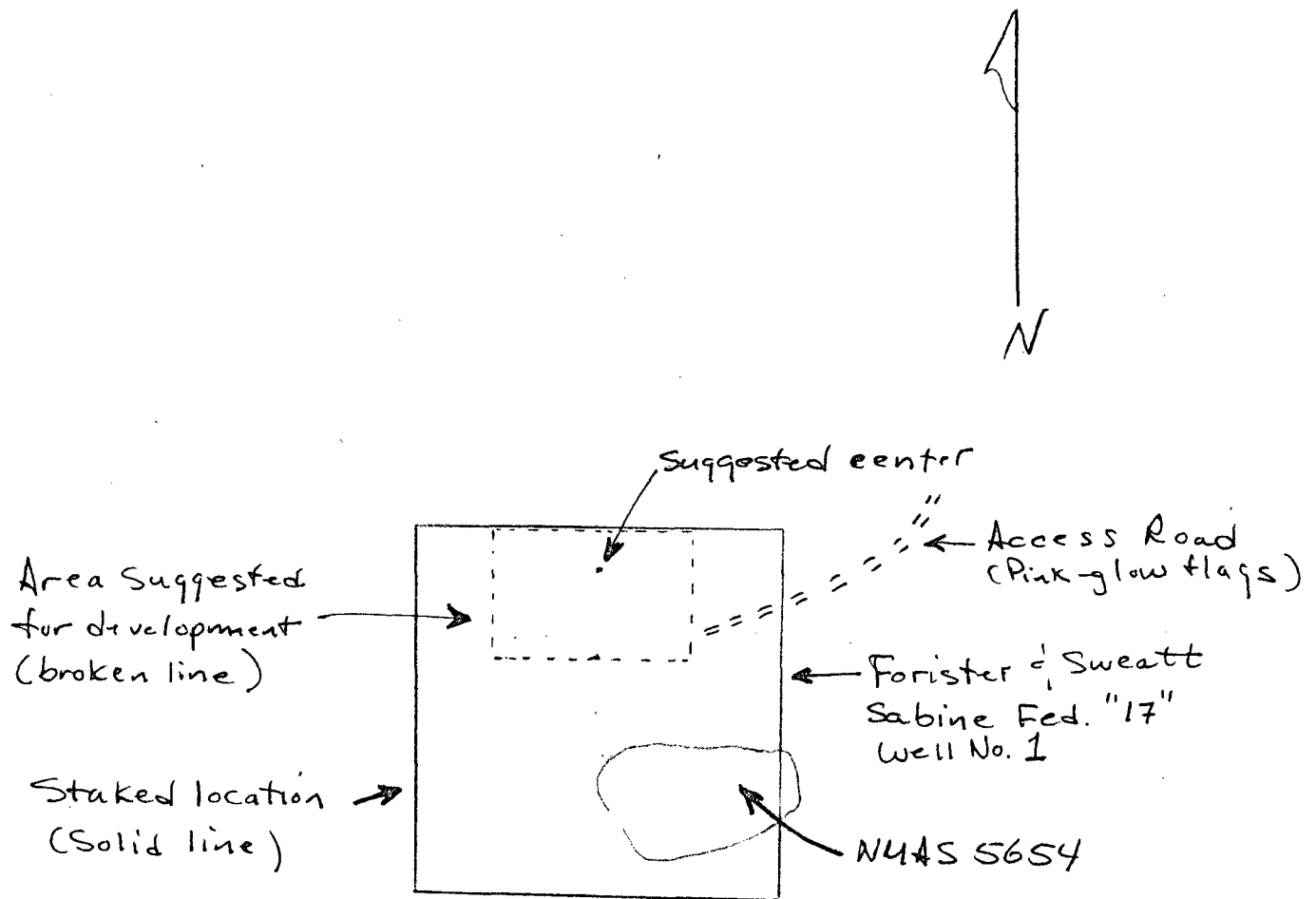


Fig. 1. Schematic representation showing FORISTER AND SWEATT's proposed Sabine Federal "17" Well No. 1 vis à vis N44S 5654 and the suggested relocation of the location to 1830 FNL, 1980 FWL, Section 17, T13S, R31E, NMPM, Chaves County, New Mexico. Pad will measure, overall, 140 X 210 ft with the breakdown as follows: 40 ft north of new center, 100 ft south of new center, 110 ft west of new center and 100 ft east of new center. Access, flagged by N44S, will enter east side of pad area.

work as it is situated well north of the area to be impacted.) NMAS 5654 can be avoided by shifting the proposed location 150 ft to the north, viz., 1830 FNL, 1980 FWL, Section 17, T13S, R31E, NMPM, Chaves County, New Mexico (Fig. 1). As envisioned, the location, overall, will measure 140 X 210 ft with the following breakdown - 40 ft north of the new center, 100 ft south of the new center, 110 ft west of the new center and 100 ft east of the new center. If followed, there will be a buffer of approximately 120 ft between the southern edge of the pad and the site. (The dune field on the south is not to be disturbed.) The proposed access road has been flagged (pink-glow flags) into the area suggested for development by NMAS. Men and materiel are to avoid the archaeologically sensitive areas (NMAS 5654 and NMAS 5655) during all phases of work. If additional cultural resources are encountered during work-related activities, the BLM and NMAS are to be notified immediately. Duned areas are notorious for covering and uncovering cultural properties.

#### Proposed Pipeline

##### Location

As proposed, FORISTER AND SWEATT's easement (paralleling the east of the road) will measure 30 X 5400 ft (Actual Area Surveyed

3.72 Acres) on federal lands and will be situated in the:

SE $\frac{1}{4}$ NW $\frac{1}{4}$ , Section 8, T13S, R31E, NMPM, Chaves County, NM  
 NE $\frac{1}{4}$ SW $\frac{1}{4}$ , Section 8, T13S, R31E, NMPM, Chaves County, NM  
 SE $\frac{1}{4}$ SW $\frac{1}{4}$ , Section 8, T13S, R31E, NMPM, Chaves County, NM  
 SW $\frac{1}{4}$ SE $\frac{1}{4}$ , Section 8, T13S, R31E, NMPM, Chaves County, NM  
 NW $\frac{1}{4}$ NE $\frac{1}{4}$ , Section 17, T13S, R31E, NMPM, Chaves County, NM  
 NE $\frac{1}{4}$ NW $\frac{1}{4}$ , Section 17, T13S, R31E, NMPM, Chaves County, NM  
 SE $\frac{1}{4}$ NW $\frac{1}{4}$ , Section 17, T13S, R31E, NMPM, Chaves County, NM

UTM: Beginning Zone 13, N3,674,380; E607,560  
 Ending Zone 13, N3,672,930; E607,640

Map Reference: USGS CAUDILL RANCH QUADRANGLE, 7.5 Minute Series, 1973.

### Terrain

The proposed pipeline will cross a generally duned landform of stable character. Surficial deposits are composed of sandy loams and loamy sands which overlie croute calcaire at varying depths. Soils typically harbor calcareous nodules and cherty gravels.

### Floristics

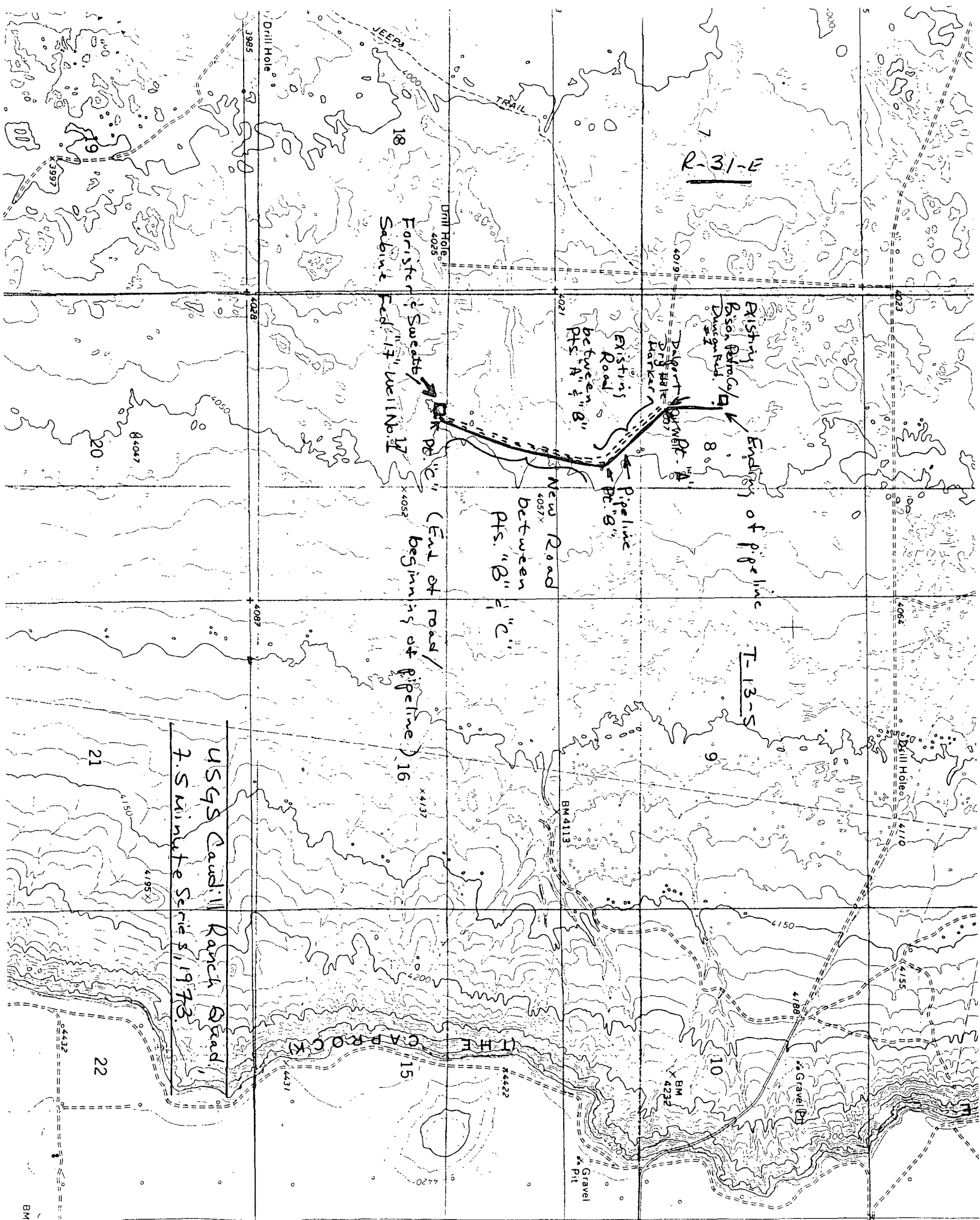
Principal plants of the overstory are Quercus havardii, Prosopis juliflora, Spaindus drummondii, Yucca glauca and less frequent Chrysothamnus pulchellus. Most prevalent forbs Gutierrezia sarothrae, Dyssodia sp., Zinnia acerosa, Dalea lachnostachys and Euphorbia sp.

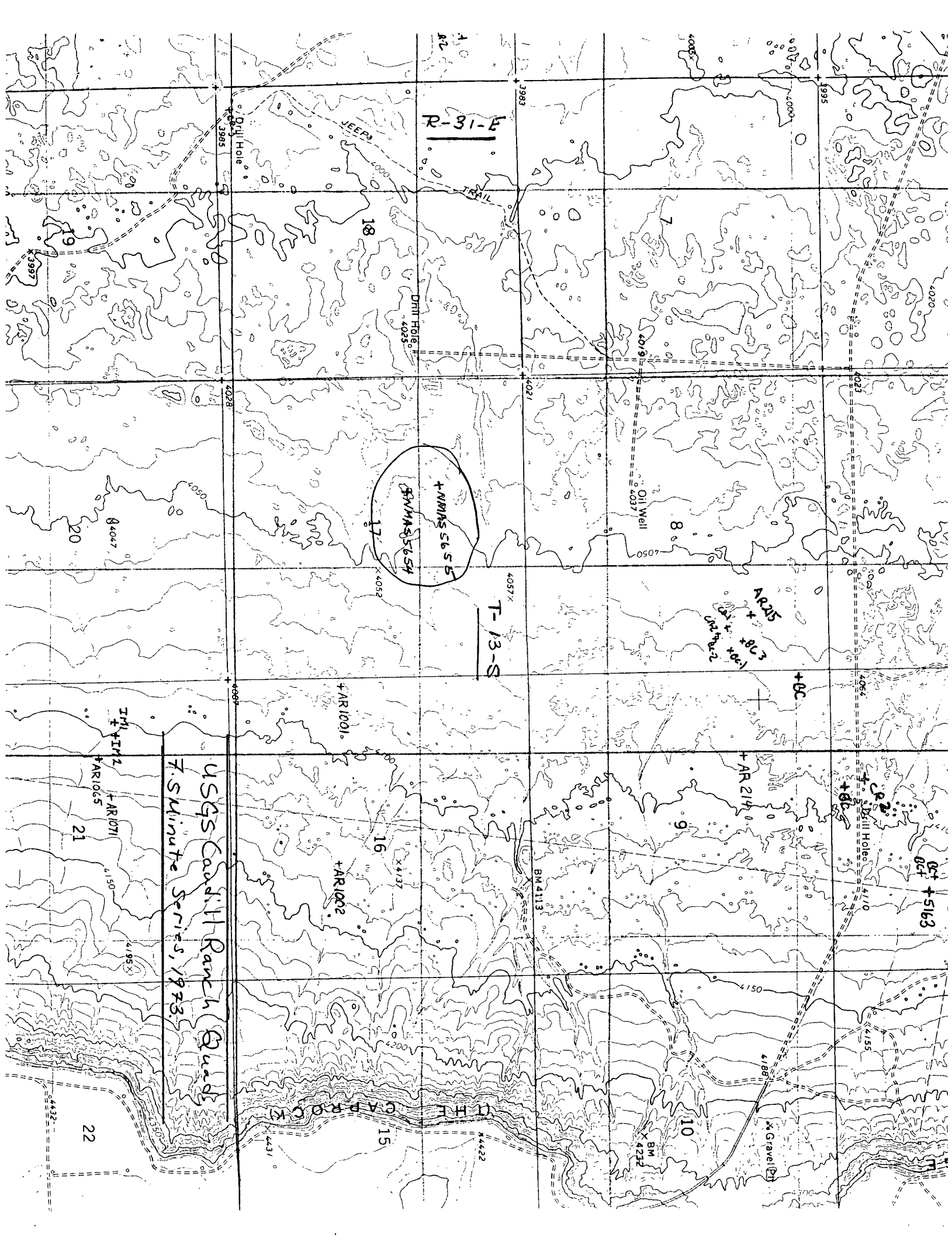
### Cultural Resources

No cultural properties were recorded during this reconnaissance. Locally, land usage was intensive throughout Late Archaic (A.D. 750-950) and Eastern Jornada Mogollon (A.D. 950-1350) times. Economic pursuits centered on hunting and gathering pursuits.

### Recommendations

NMAS recommends clearance for FORISTER AND SWEATT's pipeline easement and suggests that work-related activities proceed in accordance with company plans. Clearance, of course, is granted by the Bureau of Land Management. If cultural resources are encountered during construction, the BLM and NMAS should be notified immediately. Duned settings are notorious for covering and uncovering cultural properties.

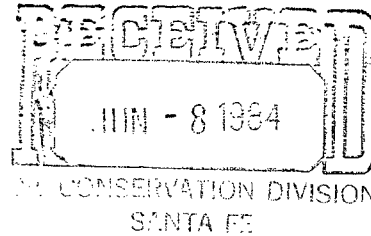




FORISTER & SWEATT  
P. O. Box 161  
Artesia, New Mexico 88210

June 1, 1984

Mr. Randy Patterson  
Yates Drilling Co.  
and S. P. Yates  
207 South 4th Street  
Artesia, New Mexico



Re: Unorthodox Location, Forister &  
Sweatt #1-17 Sabine-Federal  
1,830' FNL, 1,980' FWL Sec. 17  
13S-31E, Chaves County, NM

Dear Sir:

Forister & Sweatt has applied for an unorthodox location for the above well, due to the discovery of some Indian artifacts at a standard location 1,980' FNL Sec. 17. If you have no objection to this unorthodox location, please sign the following waiver and send to Joe Ramey, Energy and Minerals Dept., N.M.O.C.C., P. O. Box 2088, Santa Fe, NM 87501.

Thank you for your attention to this matter.

Very truly yours,

*Clarence Forister*  
Clarence Forister

Mr. Joe Ramey  
N.M.O.C.C.  
P. O. Box 2088  
Santa Fe, NM 87501

Dear Sir:

We have no objection to the above unorthodox location.

Very truly yours,

S. P. YATES

By *Randy Patterson*

YATES DRILLING CO.

By *Randy Patterson*

6-5-84  
SPY. OK