

STATE OF NEW MEXICO

ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION



BRUCE KING  
GOVERNOR

ANITA LOCKWOOD  
CABINET SECRETARY



POST OFFICE BOX 2088  
STATE LAND OFFICE BUILDING  
SANTA FE, NEW MEXICO 87504  
(505) 827-5600

July 26, 1994

UNOCAL  
P.O. Box 2620  
Casper, WY 82602-2620

Attention: Jim Benson

*Administrative Order NSL-3412*

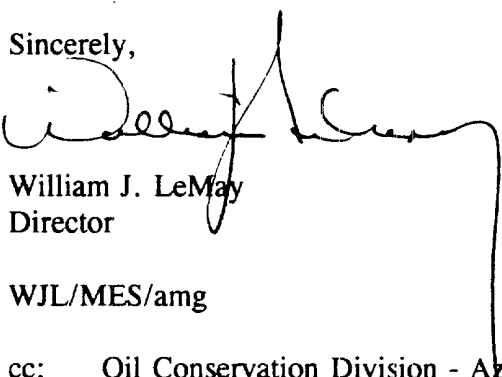
Dear Mr. Benson:

Reference is made to your application dated May 25, 1994 for a unorthodox infill gas well location in the Basin-Dakota Pool for the Rincon Unit Well No. 183-E to be drilled 1880 feet from the South line and 2080 feet from the East line (Unit J) of Section 31, Township 27 North, Range 6 West, NMPM, Rio Arriba County, New Mexico. The existing gas spacing and proration unit comprising the S/2 equivalent of said Section 31 shall be dedicated to the well.

It is our understanding said well is to be dually completed with the Undesignated South Blanco-Tocito Oil Pool in which the N/2 SE/4 equivalent of said Section 31 shall be dedicated to the well forming a 83.90-acre oil spacing and proration unit. The above-referenced well location is standard for said pool.

By the authority granted me under the provisions of Rule 2(d) of the Special Rules and Regulations for the Basin-Dakota Pool as promulgated by Division Order No. R-8170, as amended, the above-described unorthodox gas well location is hereby approved.

Sincerely,

  
William J. LeMay  
Director

WJL/MES/amg

cc: Oil Conservation Division - Aztec  
US Bureau of Land Management - Farmington  
Melissa Osborne, UNOCAL - Bloomfield, NM

**RECEIVED**  
JUL 29 1994  
**OIL CON. DIV.**  
DIST. 3

## Ernie Busch

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From: Ernie Busch  
To: David Catanach  
Subject: UNOCAL (NSL)  
Date: Tuesday, July 12, 1994 8:36AM

WELL NAME: RINCON #183E  
LOCATION: J-31-27N-06W  
FOOTAGE: 1880' FSL; 2080' FEL  
RECOMMEND: APPROVAL

**UNOCAL 76**

May 25, 1994

State of New Mexico  
310 Old Santa Fe Trail  
Santa Fe, NM 87503

RECEIVED  
MAY 31 1994  
OIL CON. DIV.  
DIST. 2

Gentlemen:

Union Oil Company of California (UNOCAL) requests permission for a nonstandard location for our Rincon Unit No. 183E located 1380' FSL and 2080' FEL, Section 31, T27N-R6W, Rio Arriba County, New Mexico.

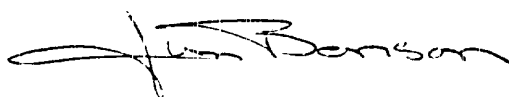
This well is a proposed dual Basin Dakota/South Blanco Totico well that does not conform, as staked, to a "standard" Dakota location. During surveying and staking operations a potential major archaeological site was encountered by the on-site archeologist (Complete Archaeological Service Associates - C.A.S.A.). See attached archaeological report.

To avoid any and all potential archaeological sites, the original location had to be moved several hundred feet to its present staked location, which is outside the "window" of a legal Dakota well. There are no existing pads/locations in the immediate area on which to drill this proposed well.

The offset lease owner, Caulkins Oil Company, has been contacted by certified letter requesting waiver of objection to this proposed unorthodox location.

If you have any questions, please contact me at 307/234-1563, Ext. 116. Thank you for your help in this matter.

Sincerely,



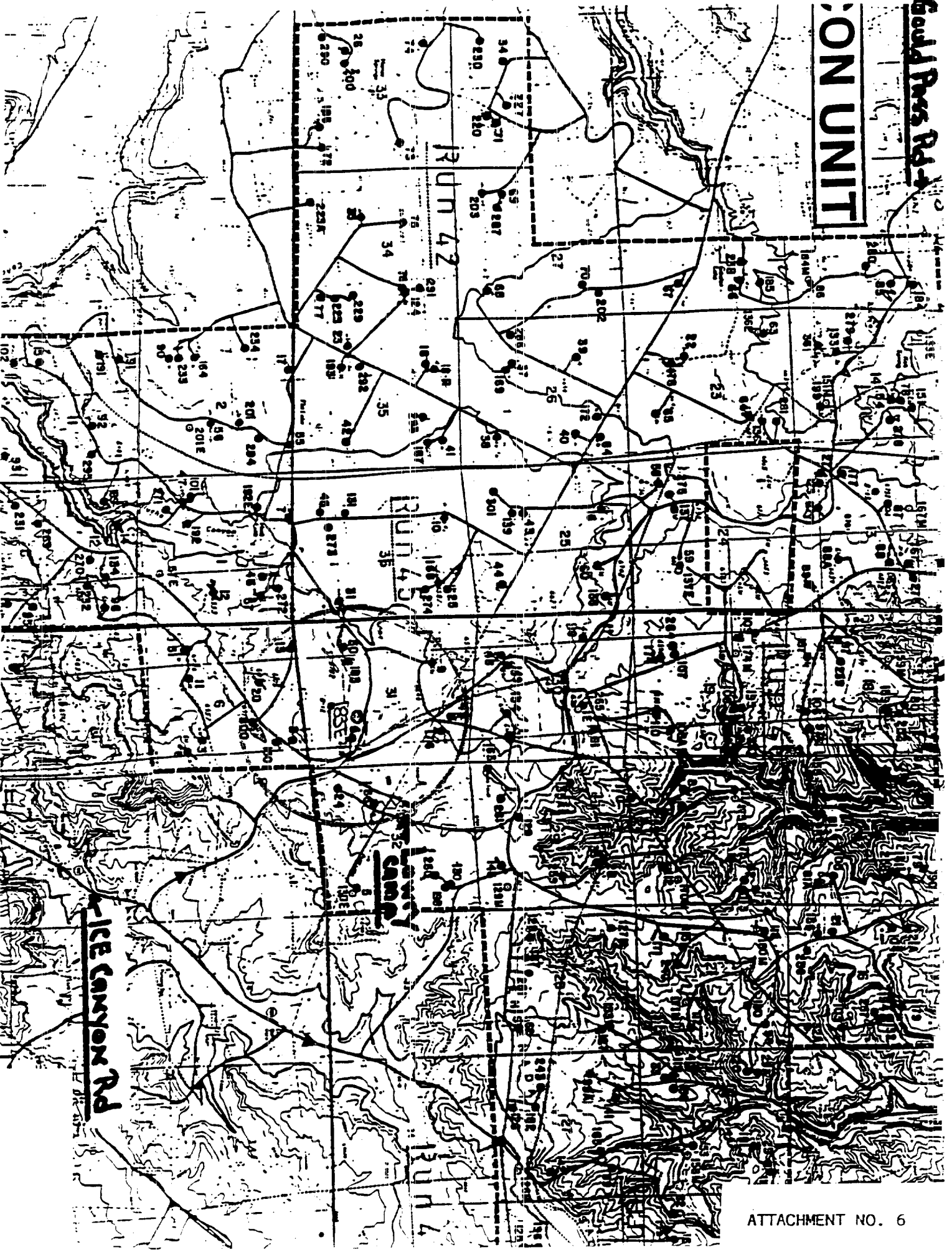
Jim Benson  
Drilling Superintendent

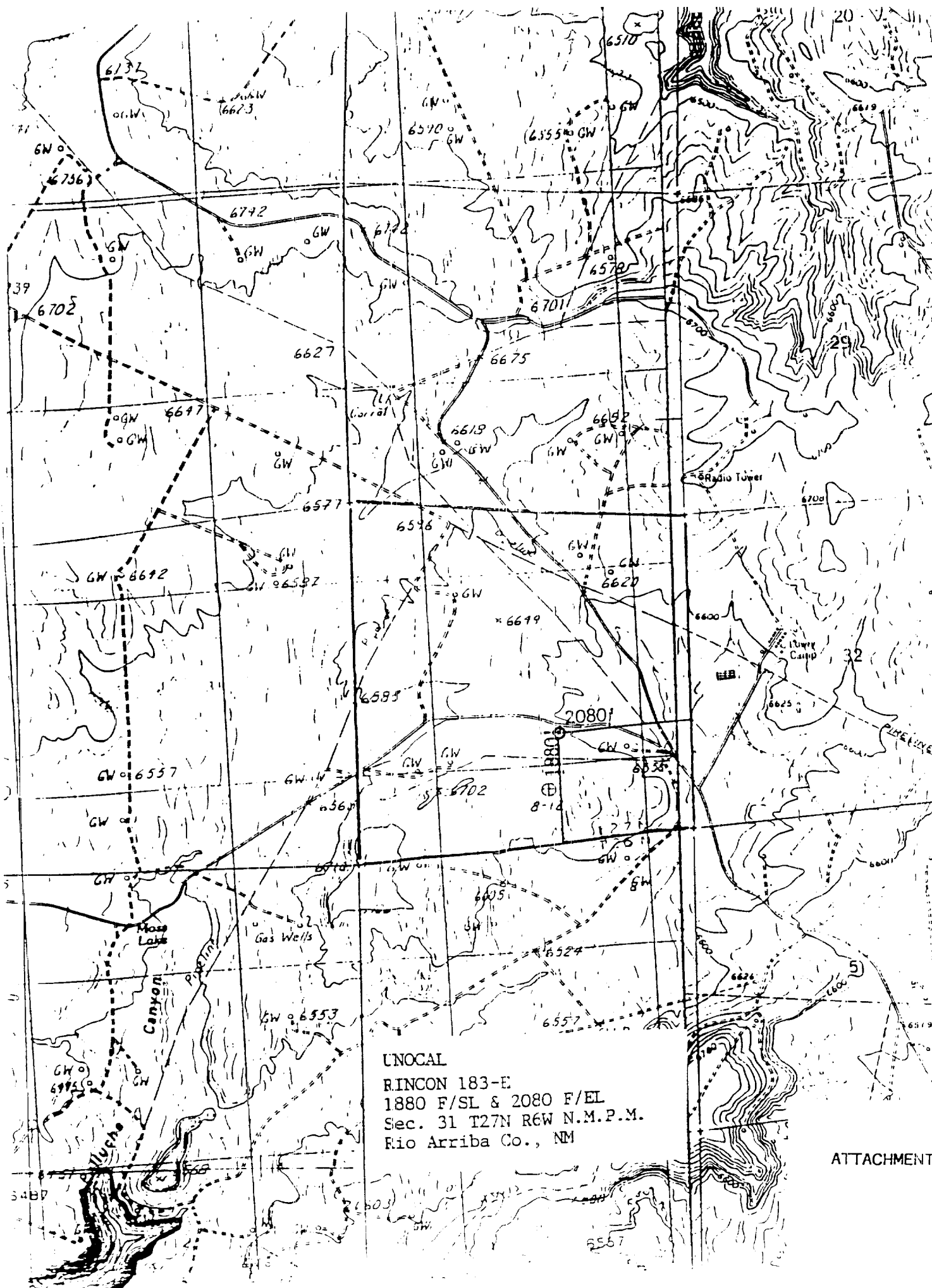
cc: Ernie Busch, Aztec, NM

JB:kb

**Gold Pass Rd**

**ON UNIT**





UNOCAL  
RINCON 183-E  
1880 F/SL & 2080 F/EL  
Sec. 31 T27N R6W N.M.P.M.  
Rio Arriba Co., NM

ATTACHMENT

Submit to Appropriate  
District Office  
State Lease - 4 copies  
Fee Lease - 3 copies

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-102  
Revised 1-1-89

OIL CONSERVATION DIVISION

P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

DISTRICT I  
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II  
P.O. Drawer DD, Artesia, NM 88210

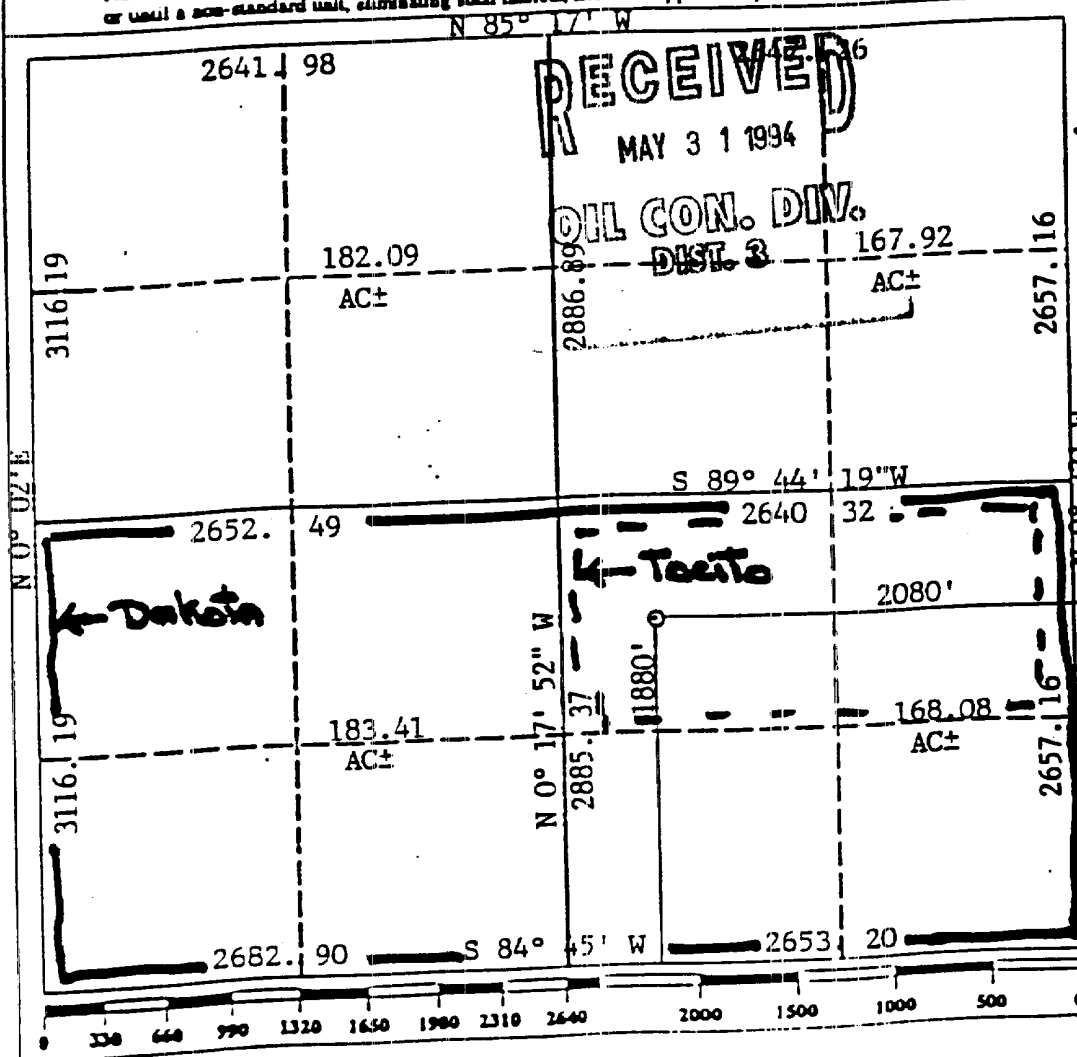
DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT  
All Distances must be from the outer boundaries of the section

Operator <b>UNOCAL</b>		Lease <b>RINCON</b>		Well No. <b>183-E</b>
Unit Letter <b>J</b>	Section <b>31</b>	Township <b>27N</b>	Range <b>6W</b>	County <b>NMPM</b>
Actual Footage Location of Well: <b>1880</b> feet from the <b>SOUTH</b> line and <b>2080</b> feet from the <b>EAST</b> line				
Ground Level Elev. <b>6614</b>	Producing Formation <b>Dakota/Tocito</b>		Dedicated Acreage: <b>Dakota - 320</b> <b>Tocito - 80</b>	

- Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- If more than one lease of different ownership is dedicated to the well, have the interest of all owners been consolidated by communitization, unitization, force-pooling, etc.?  
☒ Yes ☐ No If answer is "yes" type of consolidation: unitization

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 interest, has been approved by the Division.



OPERATOR CERTIFICATION

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

Signature

Jim Benson

Printed Name

Drilling Superintendent  
Position

Union Oil Co. of Calif.  
Company  
1/12/94

Date

SURVEYOR CERTIFICATION

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

Date Surveyed

September 20, 1993

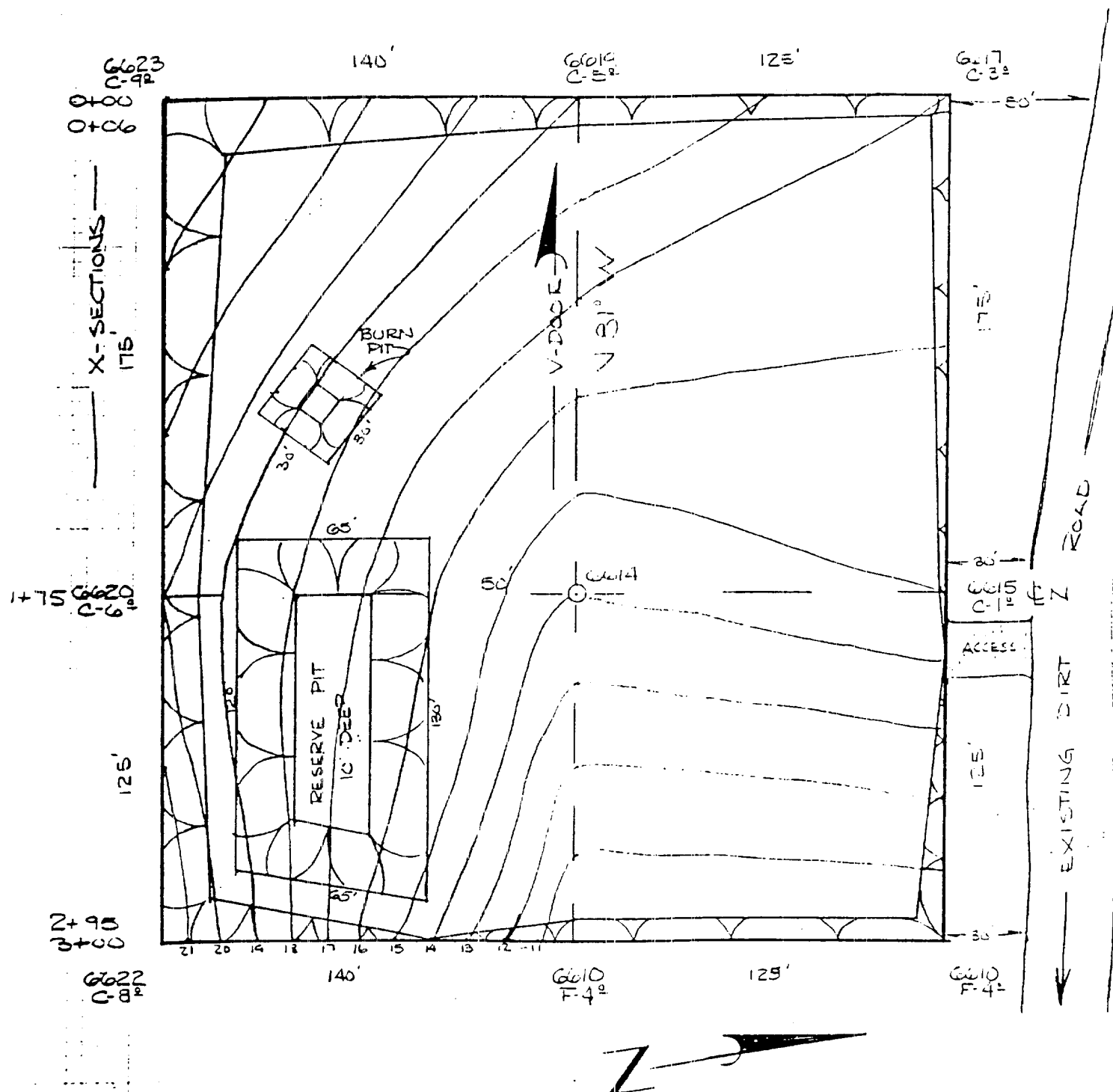
Signature & Seal  
Professional Surveyor

Cecil B. Tull  
REGISTERED PROFESSIONAL SURVEYOR  
Certificate No.  
9672

Scale 1" = 50'

Contour Int. = 1'

RINCON 183-E  
1880 F/S1 & 2080 F/EL  
Sec. 31 T27N R6W N.M.P.M.  
Rio Arriba County, NM



## PAD LAYOUT AND TOPOGRAPHY

Figure 13. Plat of RU 183-E (revised location) prepared by High Country Surveys.

CULTURAL RESOURCES

ENVIRONMENTAL

ILLEGIBLE

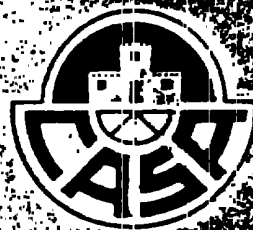
17 West  
UNOCAL Rincon Unit  
1994 Drilling Program  
Rio Arriba County, New Mexico

Prepared by

Laurens C. and Nancy S. Hammack  
Complete Archaeological Service Associates

12400 Highway 666  
Cortez, Colorado 81321

[CASA 93-52]



Prepared for

UNOCAL  
900 Werner Court  
Casper, Wyoming 82602

Submitted to

Bureau of Land Management  
Farmington District  
1235 La Plata Highway  
Farmington, New Mexico 87401

Permits

NM BLM CR P 12-2920-93-H

November 18, 1993



Well Name: Rincon Unit 183-E

Location: Original Location: center SE¼ SE¼ Section 31, T27N, R6W  
Revised Location: NW¼ NW¼ SE¼ Section 31, T27N, R6W, Rio Arriba County, New Mexico [oversized and irregularly shaped section measured from southeast corner] (Figure 2).

Operator: UNOCAL

Map Reference: Gould Pass, New Mexico 7.5 minute, 1985 [Provisional]

Staked Footages: Original Location: 660' FSL, 660' FEL  
Revised Location: 1880' FSL, 2080' FEL (Figure 13)

Ownership: Bureau of Land Management, Farmington District

Elevation: 6614 feet

Area Surveyed: Well pad: 600-ft by 600-ft (8.27 acres) surveyed for a well pad with dimensions of 300-ft by 265-ft (1.82 acres).  
Access road: Existing well field road, not surveyed.

Description: Original Location: Well situated on west sloping sage covered terrain just west of crest of low ridge above series of sandstone outcrops bordering small canyon on east.  
Revised Location: Well pad positioned on north-sloping sage covered terrain below pinyon/juniper forested ridge. Fenceline along southern edge of survey parcel with existing well field road through north side of survey area (Figure 14). Sagebrush with bunch grasses growing in a sandy/silty loam

Cultural Resources: Original Location: LA 89073, small Piedra Phase habitation consisting of a single pithouse and probable surface room (see Appendix A for site description)  
Revised Location: None

Recommendations: Cultural resource clearance is recommended for the revised location for Rincon Unit 183-E at the location described above.

ILLEGIBLE



Figure 12. Staked location for RU 176-E looking east.

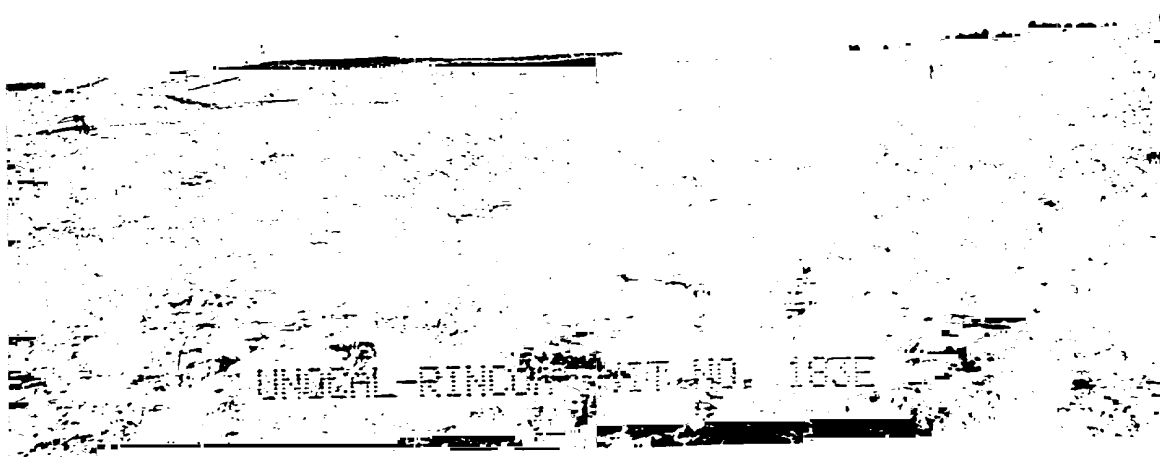


Figure 14. Staked location for RU 183-E (revised) looking east.

Site Number: LA 89073

Location: Center of the SE¼ of the SE¼, Section 31, Township 27 North, Range 6 West, Rio Arriba County, New Mexico (Figure 2).

UTM Location: Zone 13, E 276000/N 4044820

Well Location: Rincon Unit 183E

Map Reference: Gould Pass, N. Mex. 7.5 minute, 1985 [Provisional]

Cultural/Temporal Affiliation: Anasazi, Pueblo I, Piedra Phase

Site Type: Habitation

Description: LA89073, situated on a sage-covered flat at the edge of eroded breaks, consists of a large (6 m diam.) pithouse depression associated with a concentration of non-aligned sandstone rocks west of the depression (Figures 45 and 46). The concentration of rock may indicate a single room or small roomblock of masonry or jacal construction. A small concentration of burned reddish sandstone is present near the probable surface structures. Although no definable midden was evident, it may be obscured by thin soil cover. Artifacts are sparse and consist of approximately 50 sherds and a few white chalcedony flakes. Two Piedra Black-on-white sherds were noted, with the remainder being thin grayware.

Significance: The site is considered eligible for nomination to the NRHP due to its undisturbed condition and potential for yielding data significant to the Pueblo I occupation of the area. The site can be expected to yield a full range of artifacts associated with habitation activities as well as biocultural samples with potential for data on diet, subsistence, etc.

Project Effect: Site was within wellpad boundaries of original staked location. Site is completely outside of survey boundaries of revised staked location.

Action Taken: Wellpad moved 1500 ft. to northwest to completely avoid site.

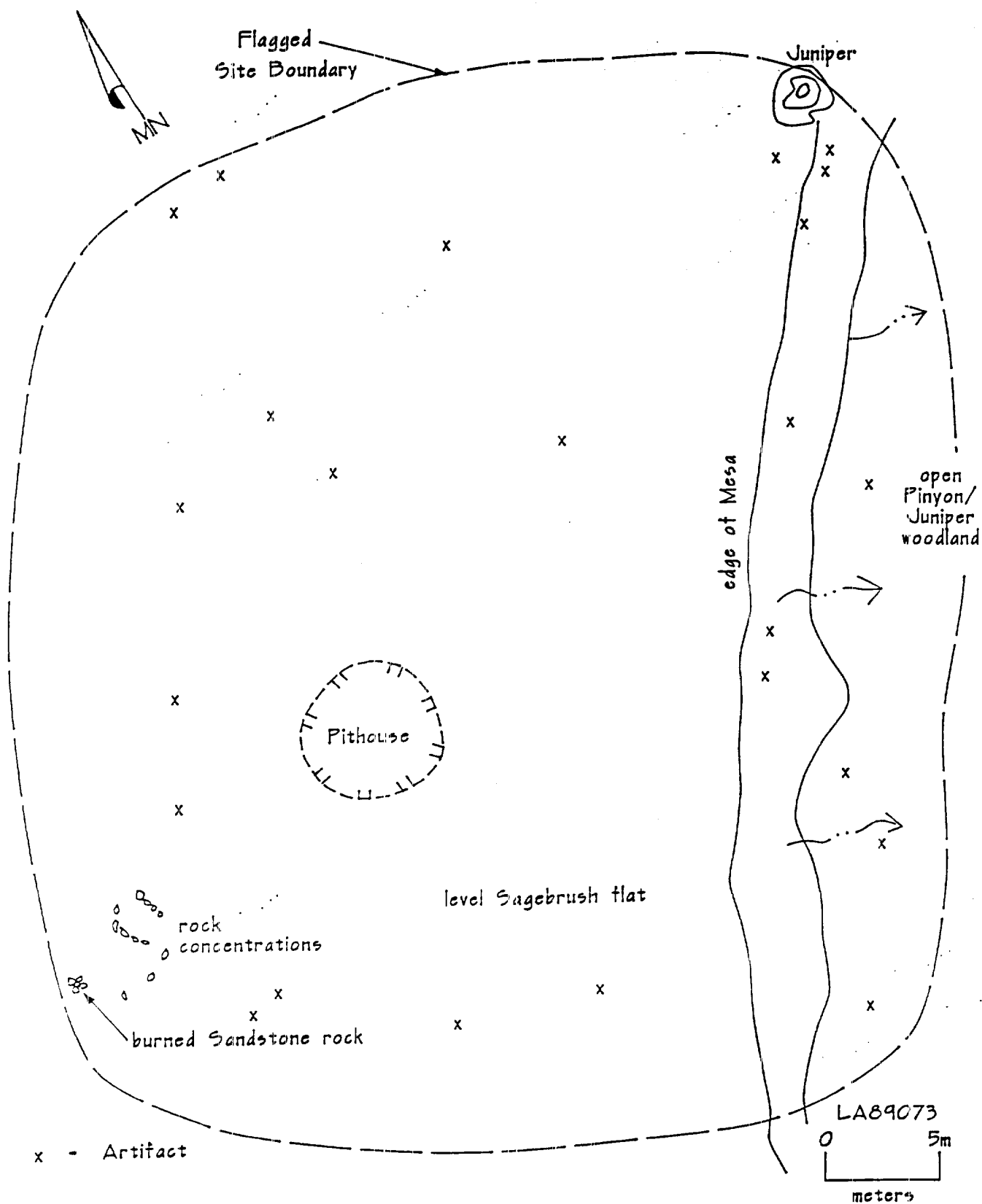


Figure 46. Site plan map, LA89073.