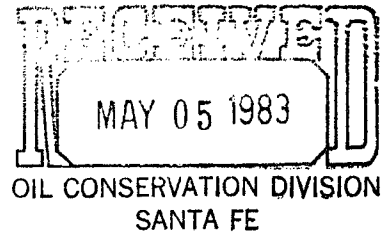


*Copy to Frank
5-9-83
7 fold for their comment
This is oil pool*

NORTHWEST PIPELINE CORPORATION

PRODUCTION & DRILLING
P.O. BOX 90
FARMINGTON, NEW MEXICO 87401



May 2, 1983

Mr. R.L. Stamets
NMOCD
P.O. Box 2088
Santa Fe, New Mexico 87501

Re: Application for Unorthodox Location
Rucker Lake #2 oil
Gavilan Gallup Extension
1450 FSL & 1520 FWL
Section 24, T25N, R2W

*NSL 1705
Rule 104 F
Times up
Immediate*

Dear Mr. Stamets:

Northwest Pipeline requests permission to drill the above captioned well in a Non-Standard location due to archaeology, existing pipelines, and the surface owners requests. The surface owner has requested that the well not be located on his farmland which covers the south half of the southwest quarter of Section 24. Significant artifact scatter was located to the northeast and northwest of the proposed location. Please refer to JAS report CR83-13 which is included with this letter. The proposed location is located as close as possible to existing pipelines which run along the east and south sides of the pad.

Northwest Pipeline owns the lease for all of the southwest quarter of Section 24. The offset owners have been notified of this wells Non-Standard location by certified mail. Copies of these letters along with a copy of the receipt for certified mail is enclosed.

Sincerely,

Paul C. Thompson
Paul C. Thompson
Sr. Drilling Engineer

PCT:djb
enclosure

All distances must be from the outer boundaries of the Section

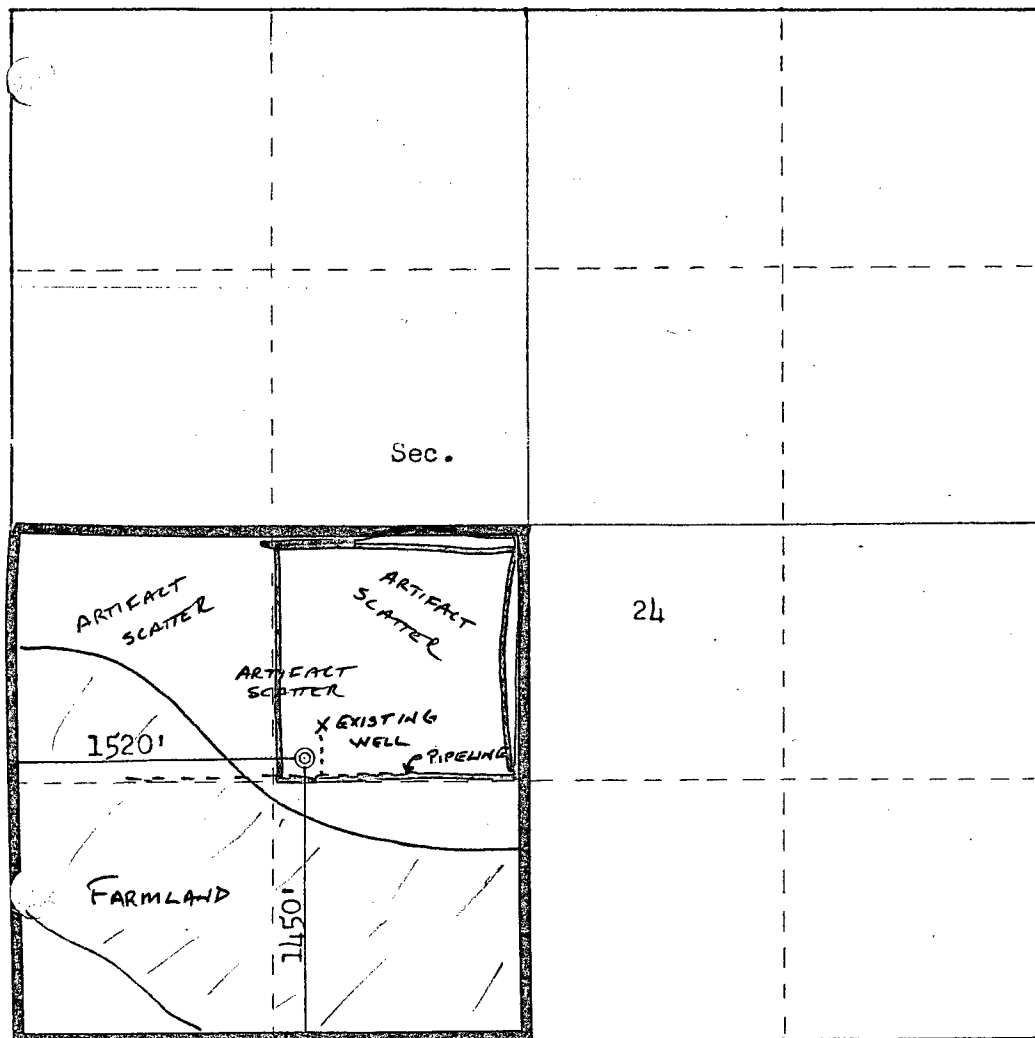
Operator NORTHWEST PIPELINE CORPORATION			Lease RUCKER LAKE		SANTA FE	Well No. 2
Unit Letter K	Section 24	Township 25N	Range 2W	County Rio Arriba		
Actual Footage Location of Well: 1450 feet from the South line and 1520 feet from the West line						
Ground Level Elev: 7382	Producing Formation Gallup		Pool Gavilan Gallup Extension		Dedicated Acreage: 160 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.



Scale: 1"=1000'

CERTIFICATION

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

Paul C. Thompson

Name

Paul C. Thompson

Position

Sr. Drilling Engineer

Company

Northwest Pipeline Corp

Date

April 22, 1983

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 21, 1983

Registered Professional Engineer and Land Surveyor

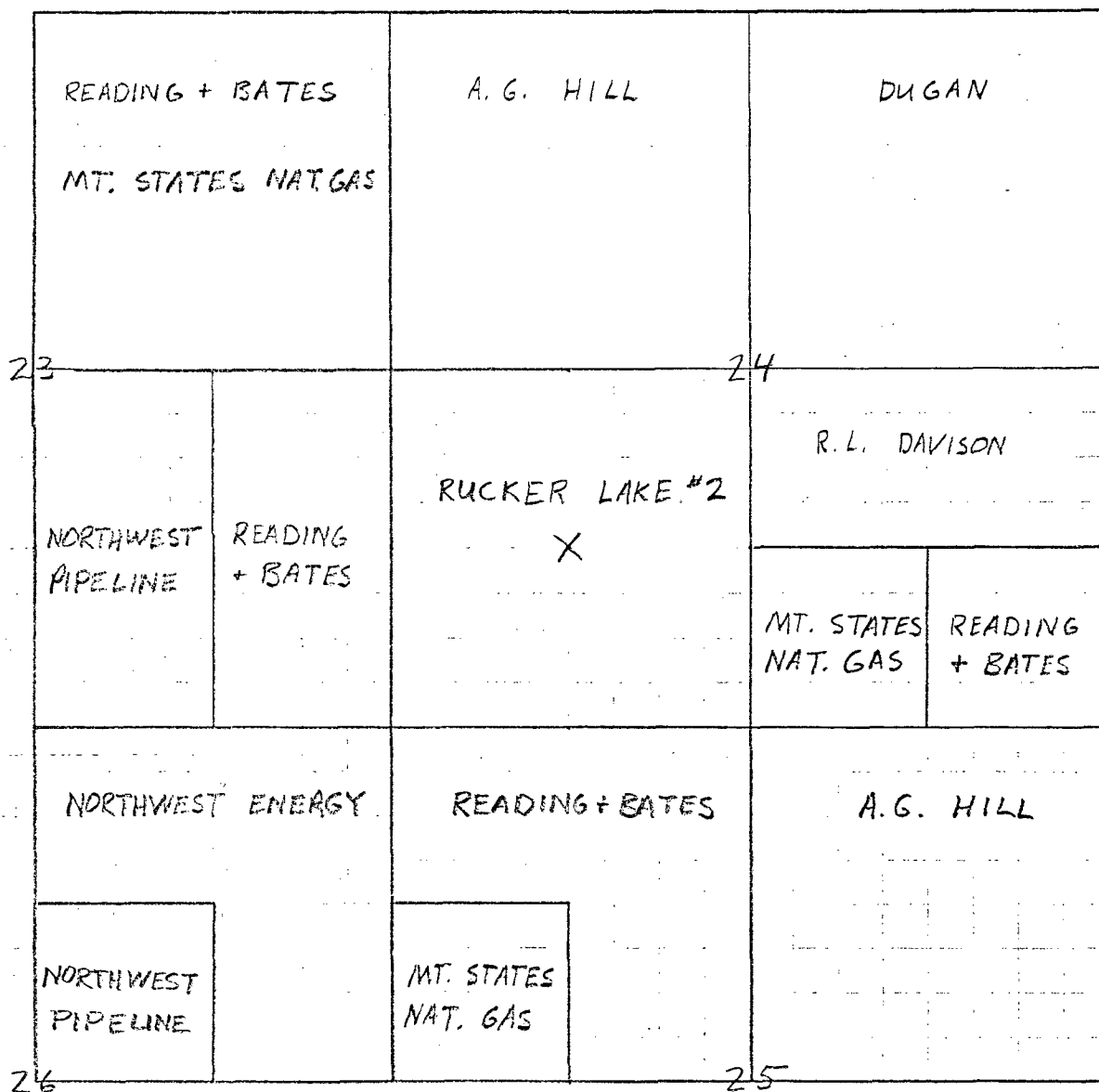
Fred B. Kerr Jr.
Fred B. Kerr Jr.

Certificate No. 3950

PLAT FOR
RUCKER LAKE #2
T 25 N, R 2 W

VM

4-25-83



P22 0273438

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED—
NOT FOR INTERNATIONAL MAIL
(See Reverse)

Rucker Lake #2

PS Form 3800, Apr. 1975

SENT TO		A.G. Hill	
STREET AND NO.		1st Nat'l Bank Building	
P.O. STATE AND ZIP CODE		Dallas, Texas 75202	
POSTAGE		\$	.20
CERTIFIED FEE		\$	.75
SPECIAL DELIVERY		\$	
RESTRICTED DELIVERY		\$	
SHOW TO WHOM AND DATE DELIVERED		\$	
SHOW TO WHOM, DATE, AND ADDRESS OF DELIVERY		\$	
SHOW TO WHOM AND DATE DELIVERED WITH RESTRICTED DELIVERY		\$	
SHOW TO WHOM, DATE AND ADDRESS OF DELIVERY WITH RESTRICTED DELIVERY		\$	
TOTAL POSTAGE AND FEES		\$	.95
POSTMARK OR DATE			

P22 0273467

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED—
NOT FOR INTERNATIONAL MAIL
(See Reverse)

Rucker Lake #2

PS Form 3800, Apr. 1976

SENT TO		Mt States Nat'l Gas	
STREET AND NO.		Albert Blair	
P.O. Box 35426			
P.O. STATE AND ZIP CODE		Tulsa, Ok 74135	
POSTAGE		\$	.20
CERTIFIED FEE		\$	.75
SPECIAL DELIVERY		\$	
RESTRICTED DELIVERY		\$	
SHOW TO WHOM AND DATE DELIVERED		\$	
SHOW TO WHOM, DATE, AND ADDRESS OF DELIVERY		\$	
SHOW TO WHOM AND DATE DELIVERED WITH RESTRICTED DELIVERY		\$	
SHOW TO WHOM, DATE AND ADDRESS OF DELIVERY WITH RESTRICTED DELIVERY		\$	
TOTAL POSTAGE AND FEES		\$	.95
POSTMARK OR DATE			

P22 0273464

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED—
NOT FOR INTERNATIONAL MAIL
(See Reverse)

Rucker Lake #2

PS Form 3800, Apr. 1976

SENT TO		Richard L. Davison	
STREET AND NO.		Tucker, Anthony & R.L. Day	
P.O. STATE AND ZIP CODE		One Beacon Street	
P.O. STATE AND ZIP CODE		Boston, Mass 02108	
POSTAGE		\$	.20
CERTIFIED FEE		\$	.75
SPECIAL DELIVERY		\$	
RESTRICTED DELIVERY		\$	
SHOW TO WHOM AND DATE DELIVERED		\$	
SHOW TO WHOM, DATE, AND ADDRESS OF DELIVERY		\$	
SHOW TO WHOM AND DATE DELIVERED WITH RESTRICTED DELIVERY		\$	
SHOW TO WHOM, DATE AND ADDRESS OF DELIVERY WITH RESTRICTED DELIVERY		\$	
TOTAL POSTAGE AND FEES		\$	.95
POSTMARK OR DATE			

P22 0273466

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED—
NOT FOR INTERNATIONAL MAIL
(See Reverse)

Rucker Lake #2

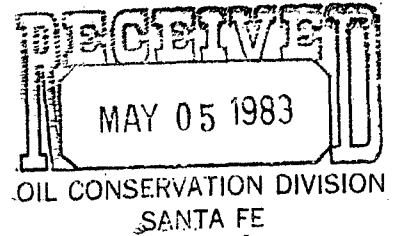
PS Form 3800, Apr. 1976

SENT TO		Jim Brock	
STREET AND NO.		7050 17th St Suite 1910	
P.O. STATE AND ZIP CODE		Prudential Plaza	
P.O. STATE AND ZIP CODE		Denver, Colo 80202	
POSTAGE		\$	.20
CERTIFIED FEE		\$	.75
SPECIAL DELIVERY		\$	
RESTRICTED DELIVERY		\$	
SHOW TO WHOM AND DATE DELIVERED		\$	
SHOW TO WHOM, DATE, AND ADDRESS OF DELIVERY		\$	
SHOW TO WHOM AND DATE DELIVERED WITH RESTRICTED DELIVERY		\$	
SHOW TO WHOM, DATE AND ADDRESS OF DELIVERY WITH RESTRICTED DELIVERY		\$	
TOTAL POSTAGE AND FEES		\$	.95
POSTMARK OR DATE			

NORTHWEST PIPELINE CORPORATION

PRODUCTION & DRILLING
P.O. BOX 90
FARMINGTON, NEW MEXICO 87401

5112.00-028-83



May 2, 1983

Mr. Richard L. Davison
Tucker, Anthony & R.L. Day
One Beacon Street
Boston, Mass. 02108

Dear Mr. Davison:

Northwest Pipeline Corporation has requested permission from the New Mexico Oil Conservation Division to drill a Gallup well in a Non-Standard Location due to topography and archaeological discoveries. Our records show you to be an offset owner in the Gallup formation to the 160 acre tract dedicated to this well which is described below. Notify Jim Ramey, with the NMOCD in Santa Fe, New Mexico, if you have any objections to this location within 20 days. This letter is being sent by certified mail in accordance with NMOCD regulations.

Rucker Lake #2 1520 FWL & 1450 FSL, Section 24, T25N, R2W
Rio Arriba County, New Mexico

Sincerely,

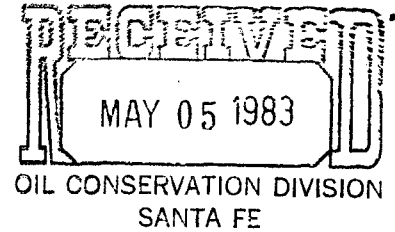
Paul C. Thompson

Paul C. Thompson
Sr. Drilling Engineer

PCT:djb

NORTHWEST PIPELINE CORPORATION

PRODUCTION & DRILLING
P.O. BOX 90
FARMINGTON, NEW MEXICO 87401
5112.00-27-83



May 2, 1983

Mr. A.G. Hill
1st National Bank Building
Dallas, Texas 75202

Dear Mr. Hill:

Northwest Pipeline Corporation has requested permission from the New Mexico Oil Conservation Division to drill a Gallup well in a Non-Standard Location due to topography and archaeological discoveries. Our records show you to be an offset owner in the Gallup formation to the 160 acre tract dedicated to this well which is described below. Notify Jim Ramey, with the NMOCD in Santa Fe, New Mexico, if you have any objections to this location within 20 days. This letter is being sent by certified mail in accordance with NMOCD regulations.

Rucker Lake #2 1520 FWL & 1450 FSL, Section 24, T25N, R2W
Rio Arriba County, New Mexico

Sincerely,

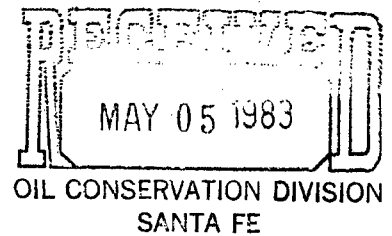
Paul C. Thompson

Paul C. Thompson
Sr. Drilling Engineer

PCT:djb

NORTHWEST PIPELINE CORPORATION

PRODUCTION & DRILLING
P.O. BOX 90
FARMINGTON, NEW MEXICO 87401
5112.00-025-83



May 2, 1983

Mr. Jim Brock
Reading & Bates
1050 17th Street, Suite 1910
Prudential Plaza
Denver, Colorado 80202

Dear Mr. Brock:

Northwest Pipeline Corporation has requested permission from the New Mexico Oil Conservation Division to drill a Gallup well in a Non-Standard Location due to topography and archaeological discoveries. Our records show you to be an offset owner in the Gallup formation to the 160 acre tract dedicated to this well which is described below. Notify Jim Ramey, with the NMOCD in Santa Fe, New Mexico, if you have any objections to this location within 20 days. This letter is being sent by certified mail in accordance with NMOCD regulations.

Rucker Lake #2 1520 FWL & 1450 FSL, Section 24, T25N, R2W
Rio Arriba County, New Mexico

Sincerely,

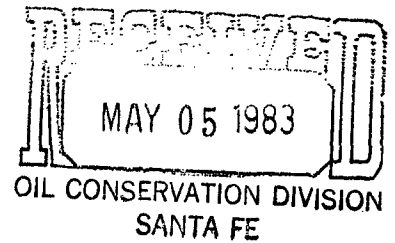
Paul C. Thompson
Sr. Drilling Engineer

PCT:djb

NORTHWEST PIPELINE CORPORATION

PRODUCTION & DRILLING
P.O. BOX 90
FARMINGTON, NEW MEXICO 87401

5112.00-026-83



May 2, 1983

Mr. Albert Blair
Mt States National Gas
P.O. Box 35426
Tulsa, Ok 74135

Dear Mr. Blair:

Northwest Pipeline Corporation has requested permission from the New Mexico Oil Conservation Division to drill a Gallup well in a Non-Standard Location due to topography and archaeological discoveries. Our records show you to be an offset owner in the Gallup formation to the 160 acre tract dedicated to this well which is described below. Notify Jim Ramey, with the NMOCD in Santa Fe, New Mexico, if you have any objections to this location within 20 days. This letter is being sent by certified mail in accordance with NMOCD regulations.

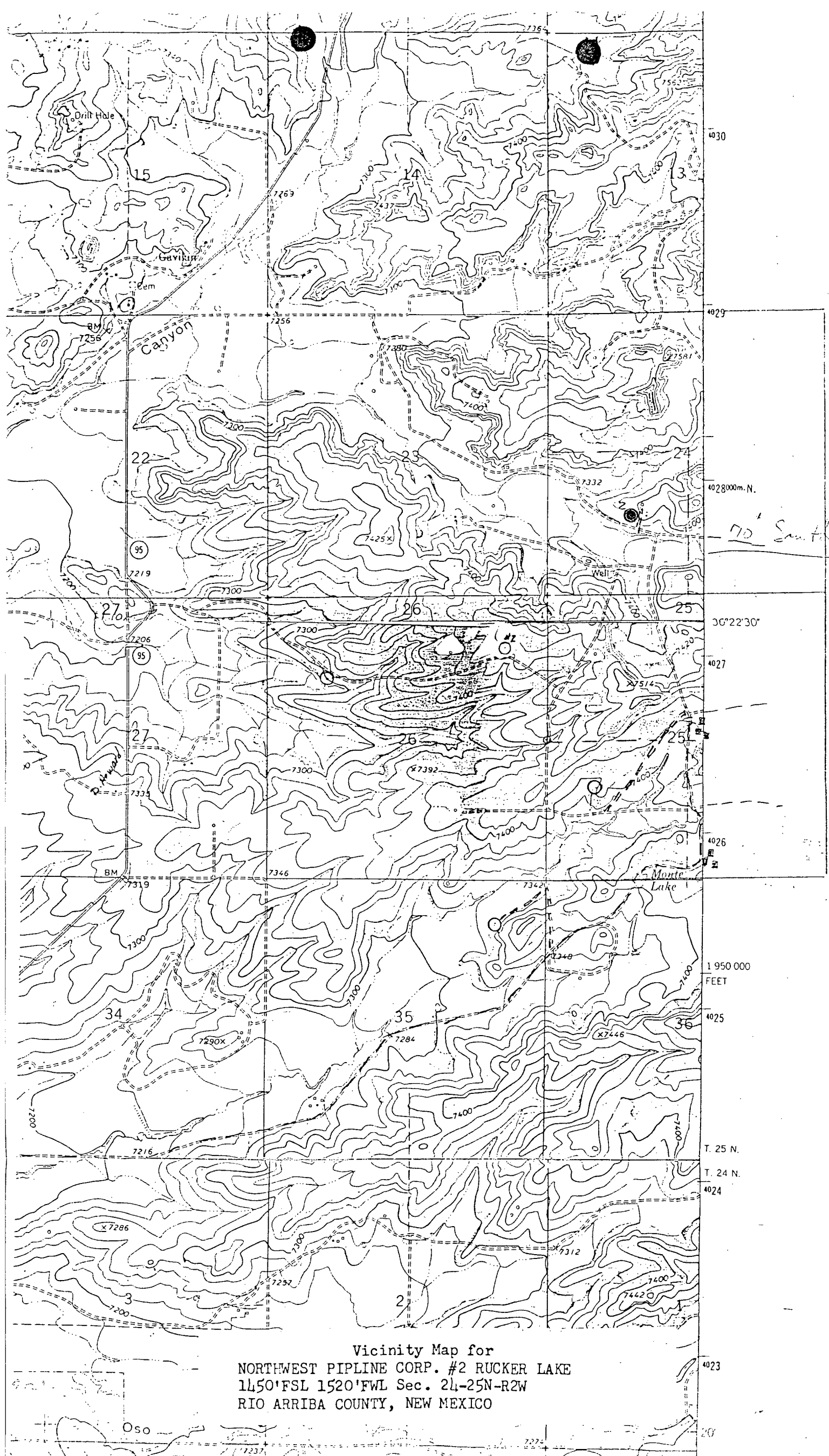
Rucker Lake #2 1520 FWL & 1450 FSL, Section 24, T25N, R2W
Rio Arriba County, New Mexico

Sincerely,

Paul C. Thompson

Paul C. Thompson
Sr. Drilling Engineer

PCT:djb



Vicinity Map for
NORTHWEST PIPELINE CORP. #2 RUCKER LAKE
1450'FSL 1520'FWL Sec. 24-25N-R2W
RIO ARRIBA COUNTY, NEW MEXICO

JICARILLA
ARCHAEOLOGICAL
SERVICES



CULTURAL RESOURCES SURVEY

FOR

NORTHWEST PIPELINE CORPORATION

WELLS

RUCKERS LAKE #2

RUCKERS LAKE #3

NORTHWEST PIPELINE CORPORATION

MAY 27 1983

PRODUCTION AND REVISIONS

REPORT CR83-13
APRIL 20, 1983

ANDREW R. GOMOLAK
ARCHAEOLOGIST

FEDERAL ANTIQUITIES PERMIT
83-NM/CO-109

CULTURAL RESOURCES SURVEY

FOR

NORTHWEST PIPELINE CORPORATION

WELLS

RUCKERS LAKE #2

RUCKERS LAKE #3

MA# 82-010-A

ABSTRACT

On 4-19-83, the above locations, on fee surface, were surveyed for cultural resources. A prehistoric site, JAS 62, was found in proximity to Ruckers Lake #2, and a few isolated artifacts were found in the area of Ruckers Lake #3. Adequate avoidance measures were flagged at #2. The isolated artifacts at #3 appear of insufficient density or association to indicate potential significance. Thus with avoidance of site JAS 62, we recommend clearance for construction as being in compliance with EO 11593 and the Historic Preservation Act of 1966, and New Mexico Cultural Properties legislation.

JICARILLA ARCHAEOLOGICAL SERVICES

REPORT CR83-13

APRIL 20, 1983

ANDREW R. GOMOLAK
ARCHAEOLOGIST

FEDERAL ANTIQUITIES PERMIT
83-NM/CO-109

INTRODUCTION

On April 19, 1983, Andrew R. Gomolak of Jicarilla Archaeological Services, inspected the proposed locations for Northwest Pipeline Corporation wells Ruckers Lake #s 2 and 3 in Sections 24 and 25, T25N, R2W, at the request of Paul Thompson of Northwest. These wells are on private surface, over a Federal mineral lease. Other inspections of these wells were scheduled for 4-21-83; but due to time considerations, only the archaeologist was present on 4-19-83.

METHODOLOGY

The proposed locations were walked in multiple parallel transects spaced about eight meters apart. The access for Ruckers Lake #3 was walked in down and back transects approximately three meters to each side of the flagged centerline.

A record check of the Museum of New Mexico Archaeological Records Management System and the Santa Fe National Forest site lists was made for cultural resources on record in the vicinity.

SPONSOR: Northwest Pipeline Corporation
Production, Attn:Thompson
P.O.Box 90
Farmington, NM 87401

PROPOSED WELL: RUCKERS LAKE #2

LAND STATUS: Private Surface, Federal Minerals Lease

LEGAL: Well- SW $\frac{1}{4}$, NE $\frac{1}{4}$, SW $\frac{1}{4}$ Section 24, 1450' FSL and 1520' FWL

Access- No new access required, adjoins existing roads and well location

T25N, R2W, NMPM, Rio Arriba County, New Mexico

UTM Coordinates: 3,20,160mE: 40,27,790mN Zone 13

MAP Reference: USGS Ojito, NM, 7.5' Quadrangle, 1963, Figure 1

AREA OF DISTURBANCE: 300'x 300', 2.07 acres

AREA OF THIS SURVEY: 400'x 700', 6.43 acres

TOPOGRAPHY: This location is on the heavily dissected, south side slope of a low prominence between two small canyons, at 7380' amsl. These small canyons are in the east side of Gavilan Canyon, immediately west of the Continental Divide, east of Gavilan, New Mexico.

SOILS: The low prominence is covered in thin break residuals with minor amounts of exposed bedrock. The surrounding valleys are deep footslope/floodplain alluvia from the sandstones and shales of the San José formation.

WATER: Seasonal ponding and flow are fairly reliable water sources in this area.

VEGETATION: The uplands are mature Piñon-Juniper woodlands, while the valleys (where not plowed and reseeded) are sage savanna grasslands. The location itself is canopied in piñon (Pinus edulis) and juniper (Juniperus monosperma) with an understory of rabbit brush (Chrysothamnus nauseosus) and sage (Artemisia tridentata).

CULTURAL RESOURCES:

On Record- No sites are on record in the immediate area although many are not far away.

This Report- JAS 62, a late Gallina site, is on the low prominence north of this location (immediately west of and affected by old Sunico #7 location). Some few artifacts that have washed downslope from the site will be affected by this new location; these are most likely already out of pristine context due to natural processes.

The concentration of artifacts, in more apparently stable context, constituting Site JAS 62, is on the upper surface of the low prominence; a reasonable limit of which was

RUCKERS LAKE #2
CULTURAL RESOURCES:

This Report- continued

clearly flagged (in blue and orange) for avoidance. This flagline is just beyond the northwest corner on the proposed location (See Figure 2), and should prevent adverse affects to the site if not crossed.

RECOMMENDATION: Although this proposed location is in proximity to Site JAS 62, the only affects to cultural resources expected to result from construction are the dislocation of a few (ie. less than 10) artifacts that have already been displaced by natural erosion. Further, any attempted location east, west or north would result in similar or far worse affects to the archaeological remains, and relocation south would affect an agricultural area, much to the displeasure of the land owner.

Thus, we recommend that the proposed location be granted as is, as being in compliance with the spirit of EO 11593, and in compliance with the Historic Preservation Act of 1966 and New Mexico Cultural Properties legislation.

SITE JAS 62

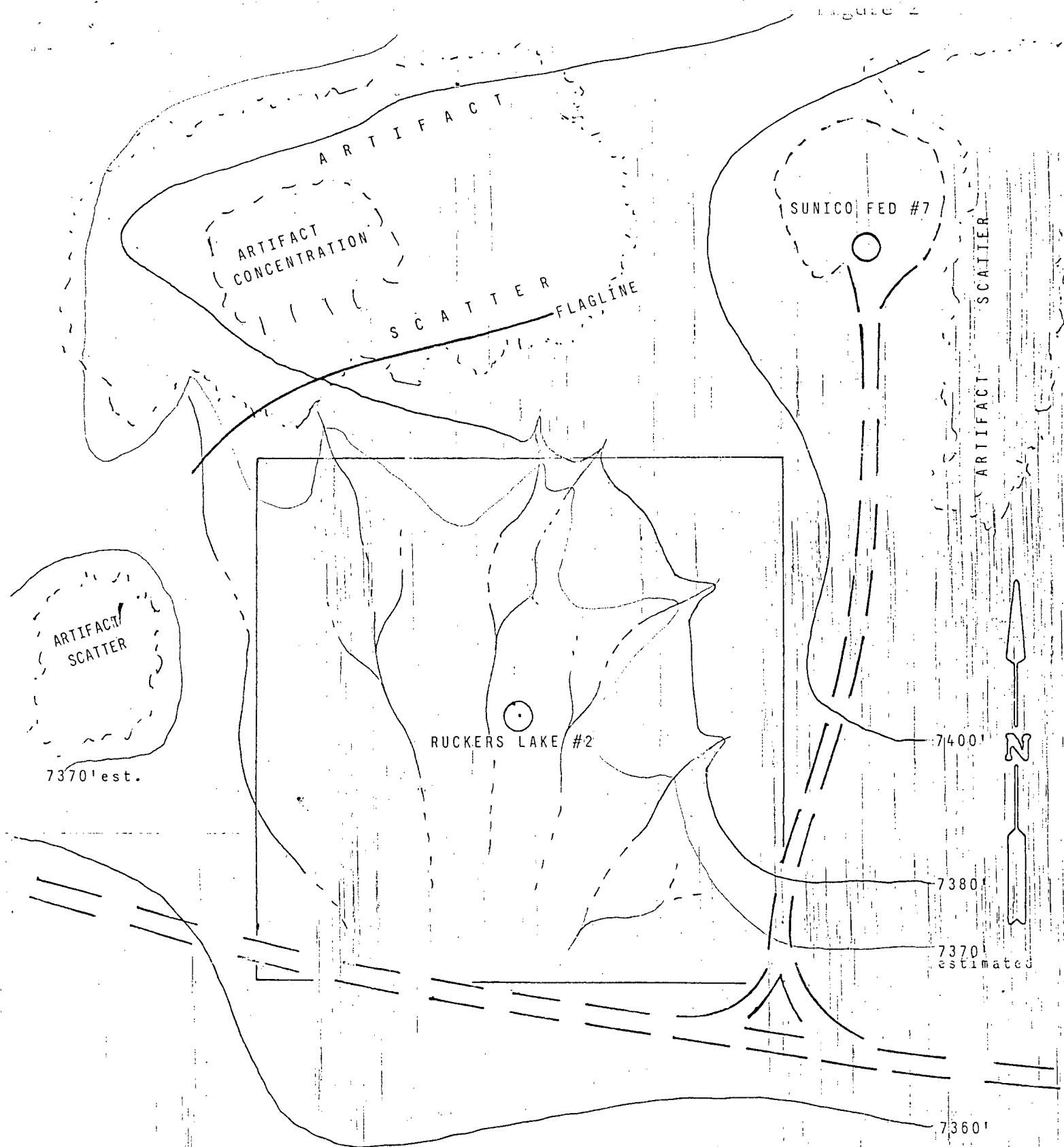
This site is located on a low, narrow, remnant prominence between, and above the confluence of, two small canyons in the upper reaches of an eastern branch of Gavilan Canyon, less than a mile west of the Continental Divide, at 7390'amsl. This low upland is a Piñon-Juniper Woodland, overlooking sage savanna/grassland valleys.

The site consists of a dense 20x30m artifact concentration, a surrounding 60x80m artifact scatter, and a relatively thin continuous artifact smattering throughout the area east, west and north of the concentration. The area south of the concentration contains only a few (10-20?) artifacts, washed down from the upland.

The several hundred surface artifacts include: Gallina Black on White, Gallina Neckbanded, Gallina Plain Utility and cordmarked ceramics; quartzite and sandstone manos and fragments, and sandstone trough metate fragments; knapped chalcedonics, quartzites and cherts, and quartzite hammerstones.

Although sought, no surface indications (such as burnt adobe, ash stains, alignments or depressions) of structural remains were apparent; yet the expectation is supported by the surface artifact density and diversity. Perhaps the old well location of Sunico Fed# 7 destroyed much of the site; or perhaps this site was a heavily used activity area related to a structural site beyond the area searched at this time.

This location, as do most in the area, provides ready access to wooded uplands and fertile valleys, for hunting, gathering and agricultural pursuits. This site is yet another indication of the intensive and extensive occupation of this region circa 1200AD; post collapse of the majority of the prehistoric urban occupations to the west.

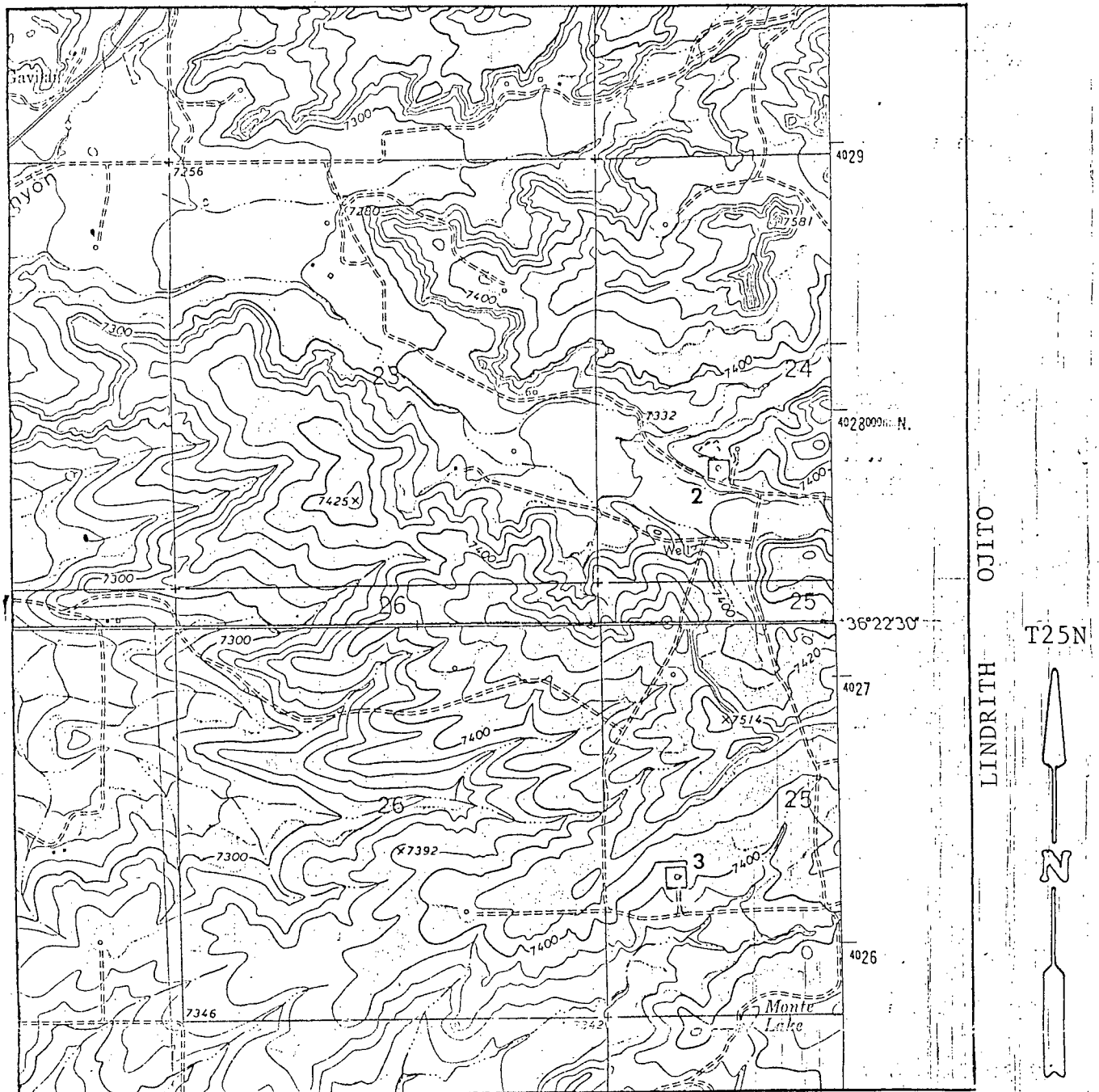


SITE JAS 62 SW $\frac{1}{4}$, NE $\frac{1}{4}$, SW $\frac{1}{4}$ Section 24, T25N, R2W, Rio Arriba County, NM
 Scale 1cm approx 10m UTM 3,20,140mE:40,27,870mN Zone 13

JICARILLA ARCHAEOLOGICAL SERVICES REPORT CR83-13, APRIL 20, 1983

Figure 1

R2W



NORTHWEST PIPELINE CORPORATION
WELLS AND ACCESS
RUCKERS LAKE #2
RUCKERS LAKE #3
SITE JAS 62

USGS OJITO, NEW MEXICO
7.5' Quadrangle, 1963
USGS LINDRITH, NEW MEXICO
7.5' Quadrangle, 1963
SCALE 1:24,000

JICARILLA ARCHAEOLOGICAL SERVICES REPORT CR83-13, APRIL 20, 1983

PROPOSED WELL: RUCKERS LAKE #3

LAND STATUS: Private Surface, Federal Mineral Lease

LEGAL: Well- SE $\frac{1}{4}$, NW $\frac{1}{4}$, SW $\frac{1}{4}$ Section 25, 1760' FSL and 940' FWL

Access- approximately 500' south to an existing road

T25N, R2W, NMPM, Rio Arriba County, New Mexico

UTM Coordinates: Well- 3,19,950mE: 40,26,270mN Zone 13

Access end- 3,19,950mE: 40,26,120mN

MAP Reference: USGS Lindrith, NM, 7.5' Quadrangle, 1963, Figure 1

AREA OF DISTURBANCE: 300'x 300', 2.07 acres Well
20'x 500', .23 acres Access

AREA OF THIS SURVEY: 400'x 400', 3.67 acres Well
50'x 500', .57 acres Access

TOPOGRAPHY: This location is on an open, gently sloping, low footslope "bench", on the north side of the far upper reaches of Oso Canyon, about a mile west of the Continental Divide, at 7400' amsl. The access runs south downslope into an open valley.

SOILS: The soils at this location are footslope alluvia from the sandstones and shales of the San José formation.

WATER: Seasonal flow and ponding are fairly reliable natural water sources in this area.

VEGETATION: The uplands in this vicinity are Piñon-Juniper Woodlands, while the valleys (where not plowed and reseeded) are sage savanna. This location is canopied in piñon (Pinus edulis) and juniper (Juniperus monosperma); the access route crosses out into sage (Artemisia tridentata), grama (Bouteloua gracilis) and wheatgrass (Agropyron smithii).

CULTURAL RESOURCES:

On Record- Although many sites are on record in the vicinity, none are in the immediate area.

This Report- Four sherds of Gallina Plain Utility and one quartzite angular debris were found widely dispersed in the area to be affected (Our numbers IF-LIN 5 thru 9).

RECOMMENDATION: Because no significant cultural properties are on record in the area to be affected; and because the five isolated artifacts do not appear in concentration or association sufficient to argue significance; the proposed construction is recommended to be considered in compliance with New Mexico Cultural Properties legislation, EO 11593 and the Historic Preservation Act of 1966. Clearance is recommended.