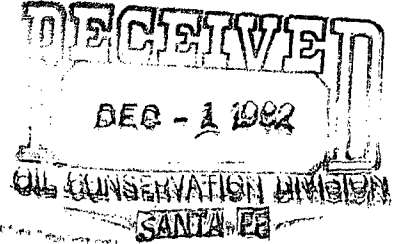


NORTHWEST PIPELINE CORPORATION

PRODUCTION & DRILLING  
P.O. BOX 90  
FARMINGTON, NEW MEXICO ~~87401~~ 87499

November 24, 1982

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



Re: Application for Non-Standard Location  
San Juan 30-5 Unit #98 (DK)  
2370 FNL & 880 FEL  
Sec 30, T30N, R5W

327-5351  
NS - 1651  
Rule 3 B/G 70  
Time is "P"  
Immediate

Basin Dakota Pool

Dear Mr. Stamets:

Northwest Pipeline Corporation requests permission to drill the above captioned well due to archaeological and topographical reasons. This well was moved to its present location to avoid various archaeological sites discovered in the NW/4 of the NW/4 of this section, and La Jara Wash which runs through most of the East half of this quarter section.

Northwest Pipeline is the operator of all offsetting proration units.

Sincerely,

*Paul C. Thompson*

Paul C. Thompson  
Drilling Engineer

PCT:djb

Enclosure

⇒ Mike Turnbull 12-1-82 - will call back & forward Archaeological report.

Hold

12-8-82 - will mail Arch. Report. today

## OIL CONSERVATION DIVISION

STATE OF NEW MEXICO

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

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

JAN 14 1983

Form C-107  
Revised 10-1-78

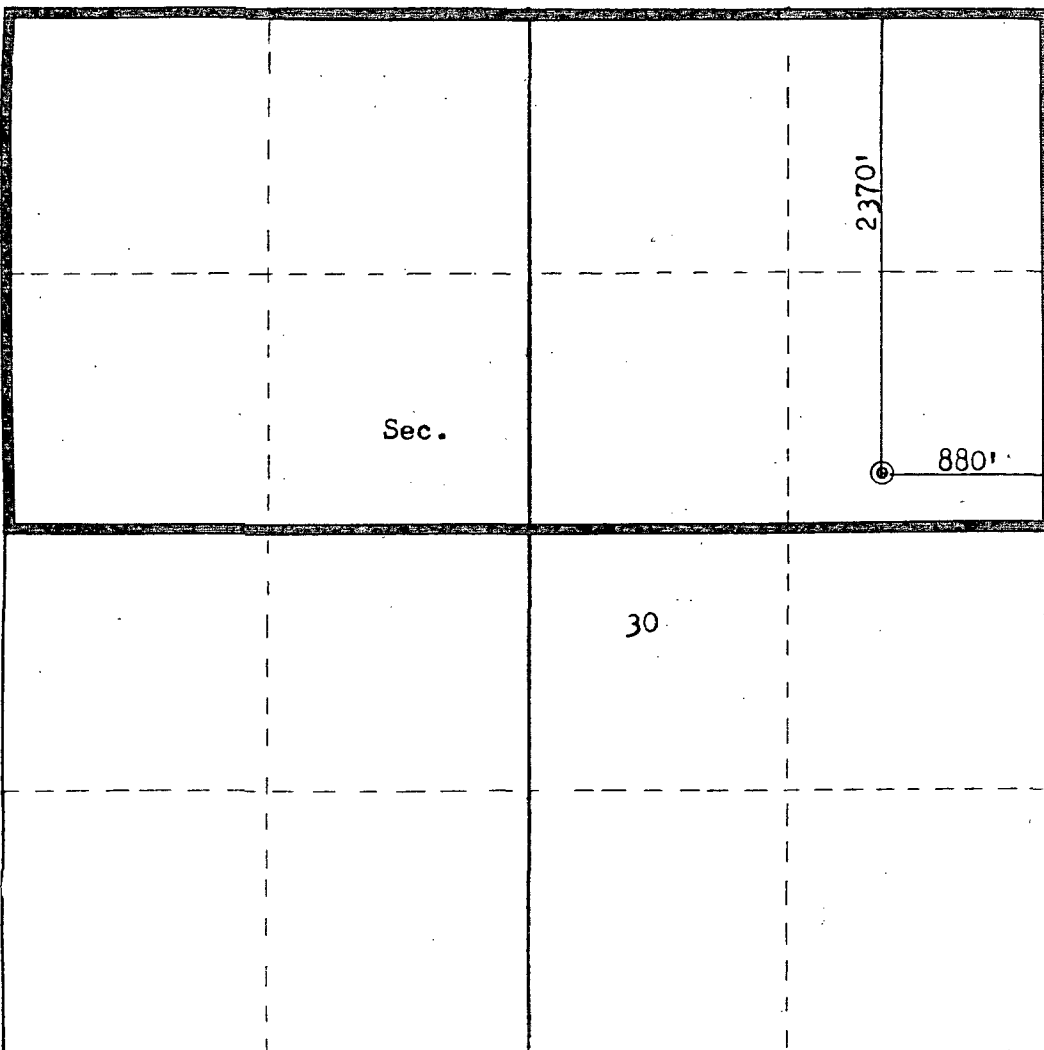
Operator <b>NORTHWEST PIPELINE CORPORATION</b>			Lease <b>SAN JUAN 30-5 UNIT</b>			OIL CONSERVATION DIVISION <b>SANTA FE 98</b>		
Unit Letter <b>H</b>	Section <b>30</b>	Township <b>30N</b>	Range <b>5W</b>	County <b>Rio Arriba</b>				
Actual Footage Location of Well: <b>2370</b> feet from the <b>North</b> line and <b>880</b> feet from the <b>East</b> line								
Ground Level Elev: <b>6285</b>	Producing Formation <b>Basin Dakota</b>		Pool <b>Dakota</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 Unitization **NOV 22 1982**

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

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

Drilling Engineer

Company

Northwest Pipeline Corp

Date

November 24, 1982

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

November 15, 1982

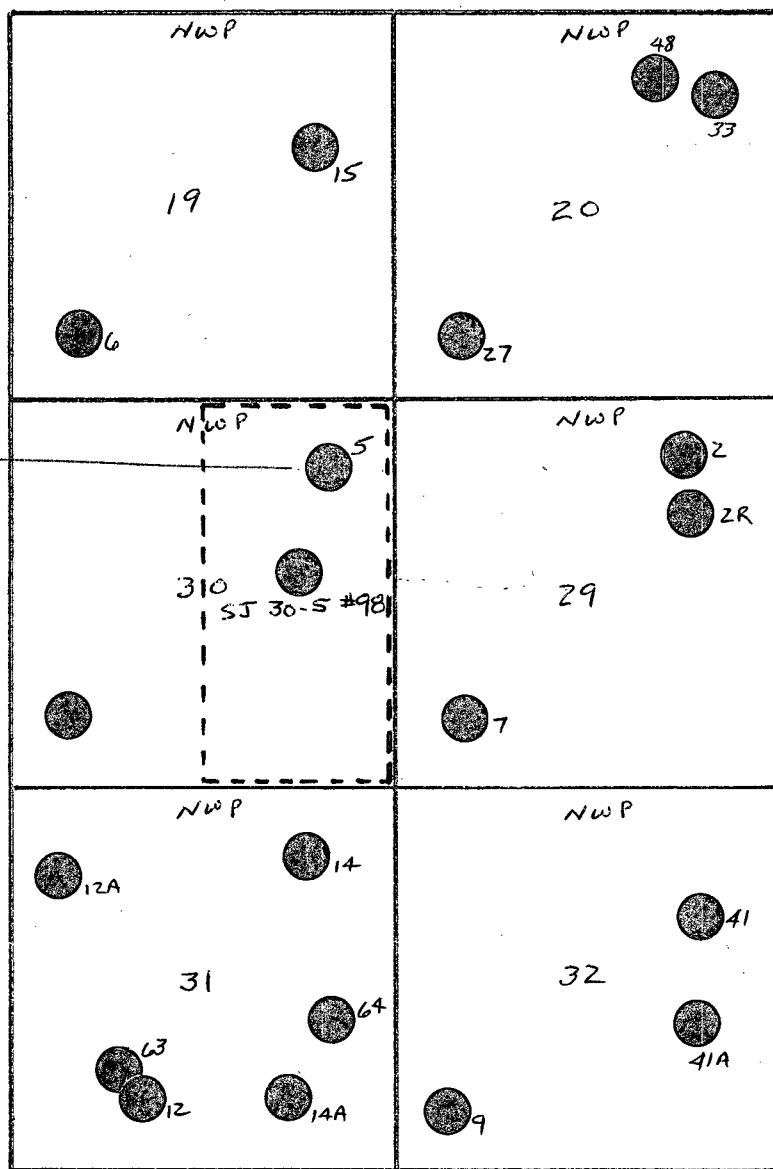
Registered Professional Engineer  
and Land Surveyor*Fred B. Kerr Jr.*  
Fred B. Kerr Jr.

Certificate No. 3950

3950

PLAT FOR THE SAN JUAN 30-5  
UNIT #98

Blanco  
Mesquite  
P&A d







STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT  
OIL CONSERVATION DIVISION

BRUCE KING  
GOVERNOR

LARRY KEHOE  
SECRETARY

POST OFFICE BOX 2088  
STATE LAND OFFICE BUILDING  
SANTA FE, NEW MEXICO 87501  
(505) 827-2434

Northwest Pipeline Corporation  
P.O. Box 1526  
315 E. 200 South  
Salt Lake City, Utah 84110-1526

Re: Application for Non-Standard

Location: San Juan 30-5 Unit

No. 98 Sec. 30, T-30-N, R-5-W

San Juan County, New Mexico

We may not process the subject application for non-standard location until the required information or plats checked below (is) (are) submitted.

- ☐ A plat must be submitted clearly showing the ownership of the offsetting leases.
- ☐ A statement must be submitted that offset owners have been notified of the application by certified mail.
- ☐ A plat must be submitted fully identifying the topography necessitating the non-standard location.
- ☒ Other: \*A copy of the archeological report demonstrating the need for the unorthodox location must be submitted.

Very truly yours

R. L. STAMETS  
Technical Support Chief

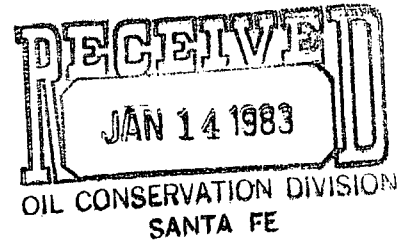
RLS/dr

\*This confirms phone conversations between this office and Mike Turnbull on 12-1-82 and 12-8-82.

NORTHWEST PIPELINE CORPORATION

PRODUCTION & DRILLING  
P.O. BOX 90  
FARMINGTON, NEW MEXICO 87499

5112.00-2-82



January 11, 1983

Mr. Roy Johnson  
NMOCD  
P.O. Box 2088  
Santa Fe, New Mexico 87501

Dear Mr. Johnson:

Enclosed is the Archaeological report you required for the San Juan 30-5 Unit #98. I've also included a copy of the surveyors plat showing the current proposed location. Sorry for the delay.

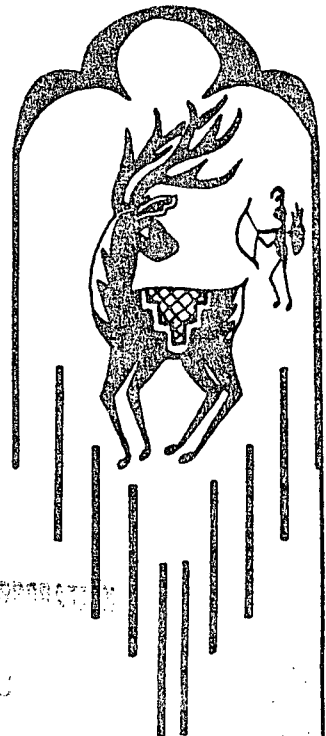
Sincerely,

A handwritten signature in cursive script that reads "Paul C. Thompson".

Paul C. Thompson  
Drilling Engineer

PCT:djb  
Enclosure

JICARILLA  
ARCHAEOLOGICAL  
SERVICES



NORTHWEST PIPELINE CORPORATION

JAN 7 1983

PERMISSION AND RECORDS

Paul Thompson  
Northwest Pipeline  
P.O. Box 90  
Farmington, NM 87401

12-12-82

Dear Sir,

Enclosed please find the report on the relocation  
of San Juan 30-5#98. Clearance is recommended.

Sincerely,

Andrew R. Gomolak

cc=file

JICARILLA  
ARCHAEOLOGICAL  
SERVICES



CULTURAL RESOURCES SURVEY

FOR

NORTHWEST PIPELINE CORPORATION

WELL

SAN JUAN 30-5#98

JICARILLA ARCHAEOLOGICAL SERVICES

REPORT CR82-70

DECEMBER 8, 1982

ANDREW R. GOMOLAK  
ARCHAEOLOGIST

FEDERAL ANTIQUITIES PERMIT  
81-NM/CO-270

NORTHWEST PIPELINE

JAN 7 1983

PRODUCTION AREA



CULTURAL RESOURCES SURVEY  
FOR  
NORTHWEST PIPELINE CORPORATION  
WELL  
SAN JUAN 30-5 #98

ABSTRACT

On 10-27, 11-12, and 11-19-82, a succession of proposed locations for the above well was surveyed to avoid cultural resources. The final location as reported herein should result in no adverse affects to potentially significant cultural resources, and is thus in compliance with EO 11593 and the Historic Preservation Act of 1966. Clearance is recommended.

JICARILLA ARCHAEOLOGICAL SERVICES

REPORT CR82-70

DECEMBER 8, 1982

ANDREW R. GOMOLAK  
ARCHAEOLOGIST

FEDERAL ANTIQUITIES PERMIT  
81-NM/CO-270

## INTRODUCTION:

On October 27, 1982, Andrew R. Gomolak of Jicarilla Archaeological Services inspected the first proposed location for well San Juan 30-5 #98 (1080'FEL, 1760 'FNL), as well as a large area to the west in search of a clear area. On 11-12-82 Gomolak and Paul Thompson of Northwest returned to the area, and searched to the east. Considering the cultural resources, topography, and access, it was decided to locate the well near an estimated 2300'FNL and 900'FEL. On 11-19-82, Terry L. Knight of Jicarilla Archaeological Services returned to check the actual new stake location, accompanied by a representative of Northwest, Bill Bingham of Minerals Management Services and Jack Spears of the Bureau of Land Management. The final location selected avoids cultural resources, avoids topographic and drainage problems, and requires no separate access as it adjoins an existing improved road.

## Methodology

During each visit, the proposed locations were walked in multiple parallel transects spaced 5 to 7m apart. Artifacts and site features were mapped by pacing compass oriented distances.

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

NORTHWEST PIPELINE WELL SAN JUAN 30-5 #98

LAND STATUS: Public, administered by the Farmington Resource Area, Bureau of Land Management

LEGAL (Final): SE $\frac{1}{4}$ , SW $\frac{1}{4}$ , SE $\frac{1}{4}$ , NE $\frac{1}{4}$  Section 30, 880' FEL and 2370' FNL, Access- Approximately 50' from northwest end of pad to road.

All in T30N, R5W, NMPM, Rio Arriba County, New Mexico

UTM COORDINATES: 2,86,550mE: 40,73,400mN Zone 13

MAP REFERENCE: USGS Gomez Ranch, New Mexico, 7.5 Minute Quadrangle, 1954 Photorevised 1971. (see Figure 1)

AREA OF SURVEY: (Total) Approximately 600'x 1000', 13.77 acres

VARIATION FROM PLAT: Now 610' further south, 200' further east (see Figure 2)

TOPOGRAPHY: This location is on the low, south side, first bench above the drainage channel in La Jara Canyon, near 6270' amsl.

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

WATER: La Jara Creek, immediately north of this location, is a fairly reliable water source.

VEGETATION: The bench is predominantly sage savanna with scattered piñon and juniper. Blue grama (Bouteloua gracilis), galleta (Hilaria jamesii), wheatgrass (Agropyron smithi) and snakeweed (Gutierrezia sarothrae) constitute the majority of the surface cover, under the sage (Artemisia tridentata) and saltbush (Atriplex canescens).

CULTURAL RESOURCES:

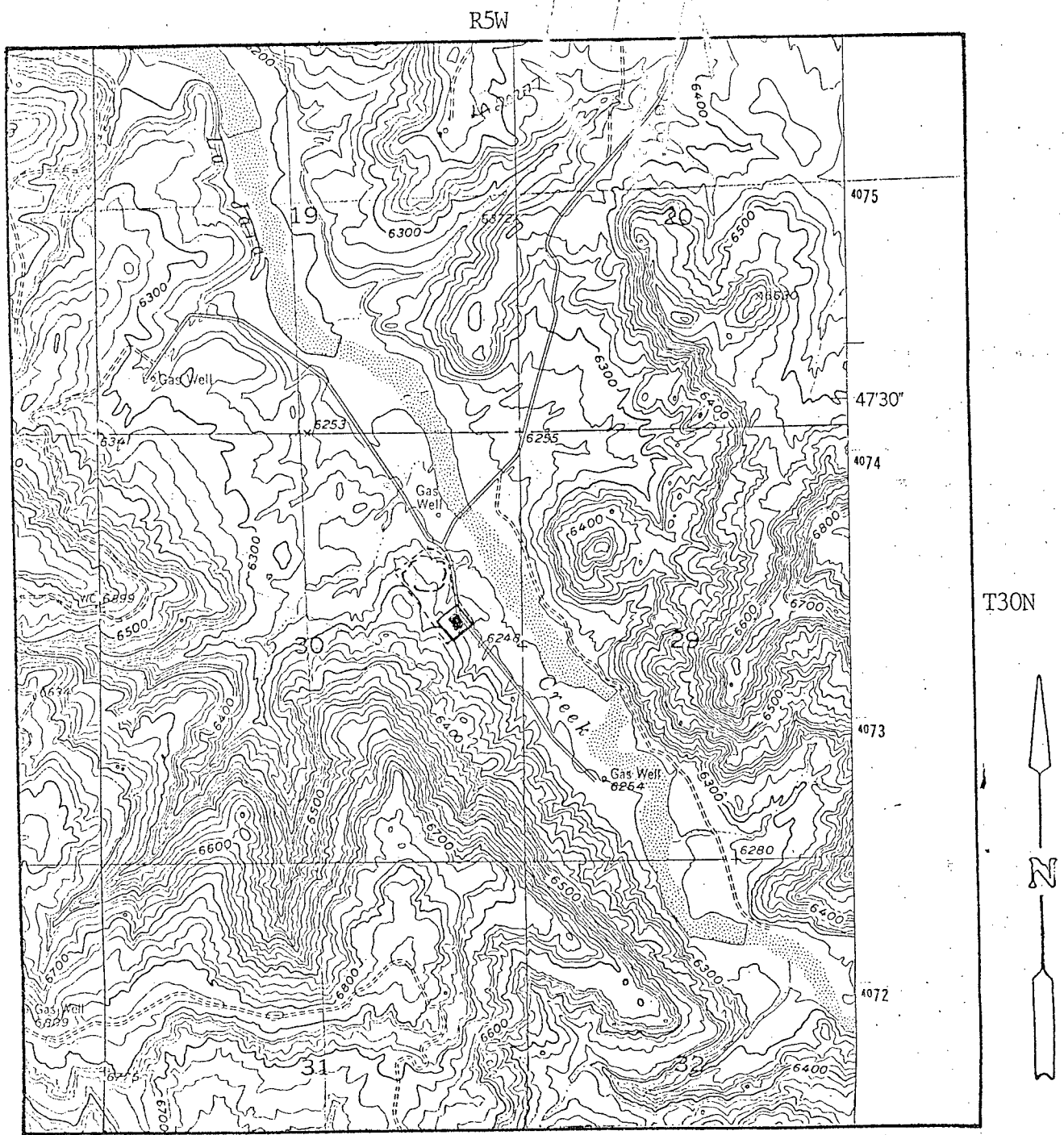
On Record- LA 20277, about a mile north was the closest site on record.

This Report- Site JAS 50, a Rosa Pithouse "village" was squarely within the original location for this well (description follows). As now located, the west edge of the proposed location is about 250' east of the site.

There is an historic campfire with cans and broken glass approximately 20' north of the well stake, and one ground stone fragment in the area to be affected.

RECOMMENDATION: Because the well, as located 2370' FNL and 880' FEL, avoids direct affects to the obviously significant cultural resources located by these surveys; and because the artifacts in the area to be affected appear of dubious significance; we recommend that the proposed construction be considered in compliance with EO 11593 and the Historic Preservation Act of 1966, and that clearance be granted.

Figure 1



NORTHWEST PIPELINE CORPORATION  
Well San Juan 30-5#98 □  
Site JAS 50 ( )

USGS Gomez Ranch, New Mexico  
7.5' Quadrangle, 1954, Photorevised 1971  
Scale 1=24,000

JICARILLA ARCHAEOLOGICAL SERVICES REPORT CR82-70, December 8, 1982

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

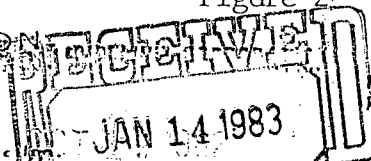
OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

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

Figure 2



Form C-102  
Revised 10-1

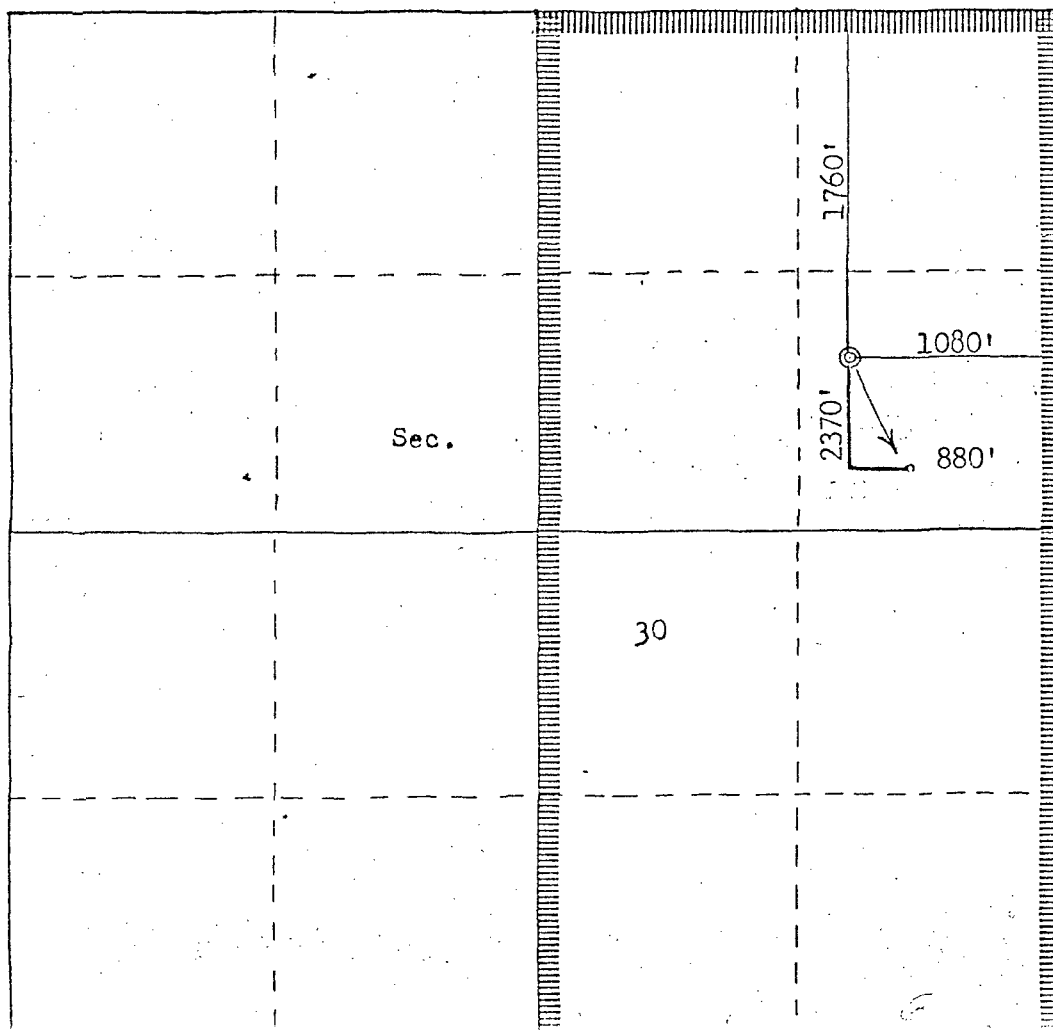
Operator NORTHWEST PIPELINE CORPORATION			Lease SAN JUAN 30-5 UNIT		
Unit Letter H	Section 30	Township 30N	Range 5W	County Rio Arriba	
Actual Footage Location of Well: 1760 feet from the North line and 1080 feet from the East line					
Ground Level Elev: 6271	Producing Formation Dakota	Pool Basin Dakota	Dedicated Acreage: 320 Acres		

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure 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 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 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.

Paul C. Thompson  
Name

Paul C. Thompson  
Position

Drilling Engineer  
Company

Northwest Pipeline Corp  
Date

October 19, 1982

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.

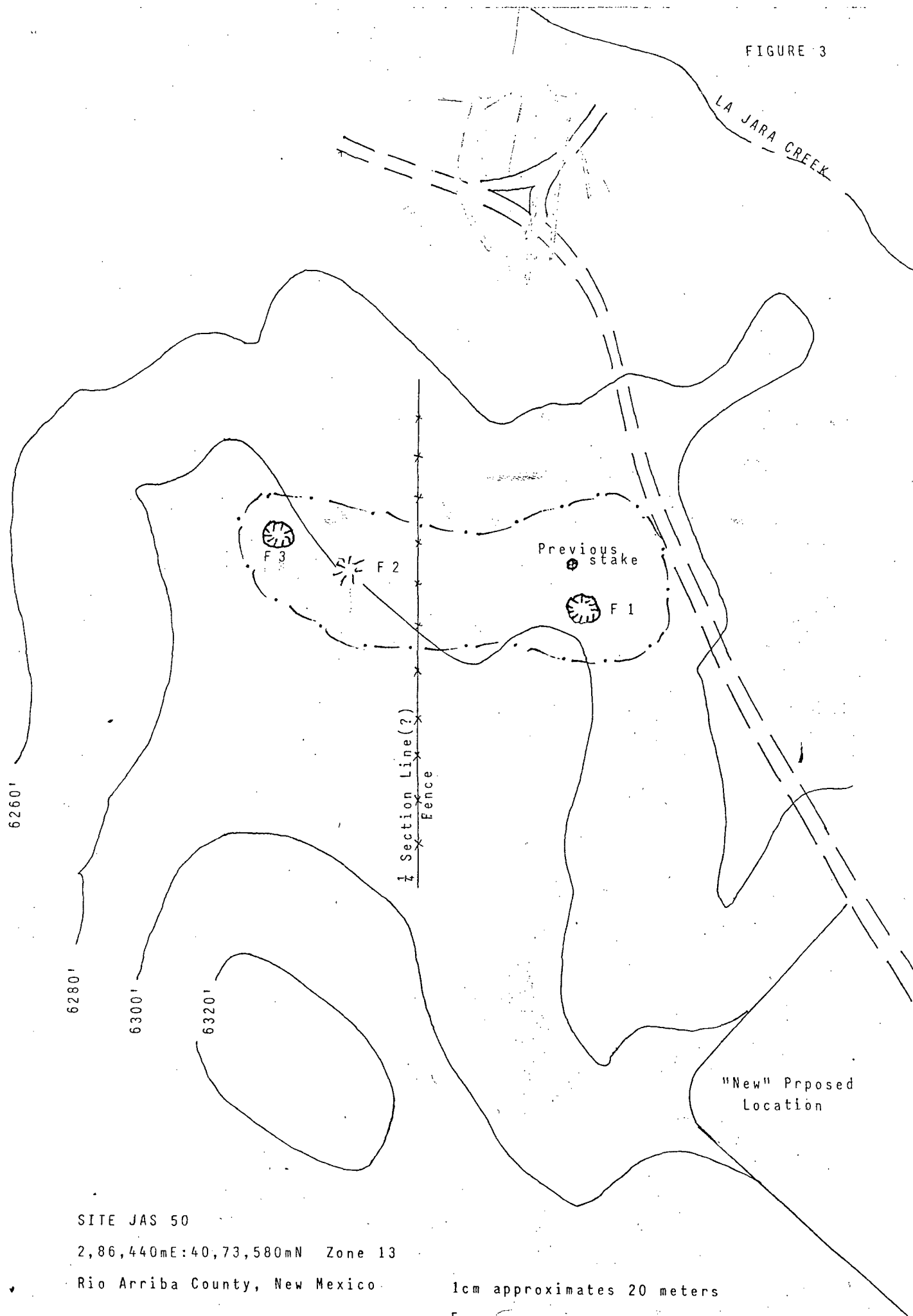
Date Surveyed

October 18, 1982

Registered Professional Engineer  
and Land Surveyor

Frederick B. K...

FIGURE 3



SITE JAS 50

2,86,440mE:40,73,580mN Zone 13

Rio Arriba County, New Mexico

1cm approximates 20 meters

SITE JAS 50

This site is on the first bench above the south side of the drainage channel in the bottom of La Jara Canyon. At 6280' amsl, this site is comprised of two distinct depressions, one ash stain/possible structure, and a wide, sparse scatter of artifacts. Roughly centered on 2,86,460mE: 40,73,580mN the 60m x 160m area of artifact distribution extends from an existing road on the east, west across a  $\frac{1}{4}$  section line fence, on to near where the bench drops away to valley floor.

One of the features of this site is in the eastern portion, about 50m southwest of the existing road. This (Feature 1 on Figure 3) is a large, 11 to 12m diameter, circular depression; approximately 50cm deep, containing a pronounced growth of sage. There are few artifacts in direct association with this feature; however, east downslope and north slightly downslope there are greyware sherds, various knapped lithic artifacts, a trough metate fragment and a broken mano.

Feature 2, 86m west northwest of Feature 1, is in an area of sheetwash erosion. There is a 4 or 5m charcoal stain, a few ceramics and a mano fragment, in what may be a slight depression.

Feature 3, 33m west northwest of Feature 2, is an 8m diameter depression, 20-30 cm deep; associated with sherds, knapped lithic artifacts, and a ground stone fragment.

The ceramics associated with these apparent pithouses appear to be Rosa Plain, although one sherd of Lino gray was observed. Knapped stone types present include cherts, silicified woods, quartzites and a few vitrophyre/obsidian flakes. Ground stones include sandstones and quartzites.

From the setting, the apparent size of the depressions, and the artifacts present, this site appears to be the remains of a Rosa Phase pithouse settlement. Most likely established to take advantage of the reliable water and agricultural potential of La Jara Canyon.