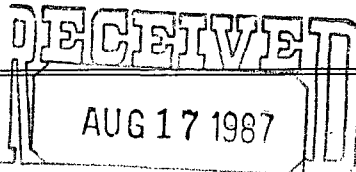


Release Date: Sept 3, 1987



NEW MEXICO OIL CONSERVATION DIVISION
SANTA FE

Hixon Development
COMPANY

August 13, 1987

Mr. William LeMay
Director
New Mexico Oil Conservation Division
P. O. Box 2008
Santa Fe, New Mexico 87501

Subject: Unorthodox Location
Skip Hixon Well No. 1
1740' FSL, 2090' FEL
Sec. 27, T26N, R3W, NMPM

NSL-2405
RULE-10.4 F(I)

NE Ojito - Gallup - Dakota
Pool

160 Acres dedicated
SE 1/4 Sec 27

Dear Mr. LeMay:

We hereby request your approval of an unorthodox location for the subject NE Ojito Gallup/Dakota stepout. Copies of the location plat and a map showing offset NE Ojito pool wells and operators are attached for your reference. Concurrences will be forwarded to your office from offset operators.

The location was moved from its original site due to several archaeological discoveries.

Very truly yours,

John C. Corbett
Vice President - Exploration

JCC/plc

Enclosures

ok
Ernie Bred
9-25-86

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

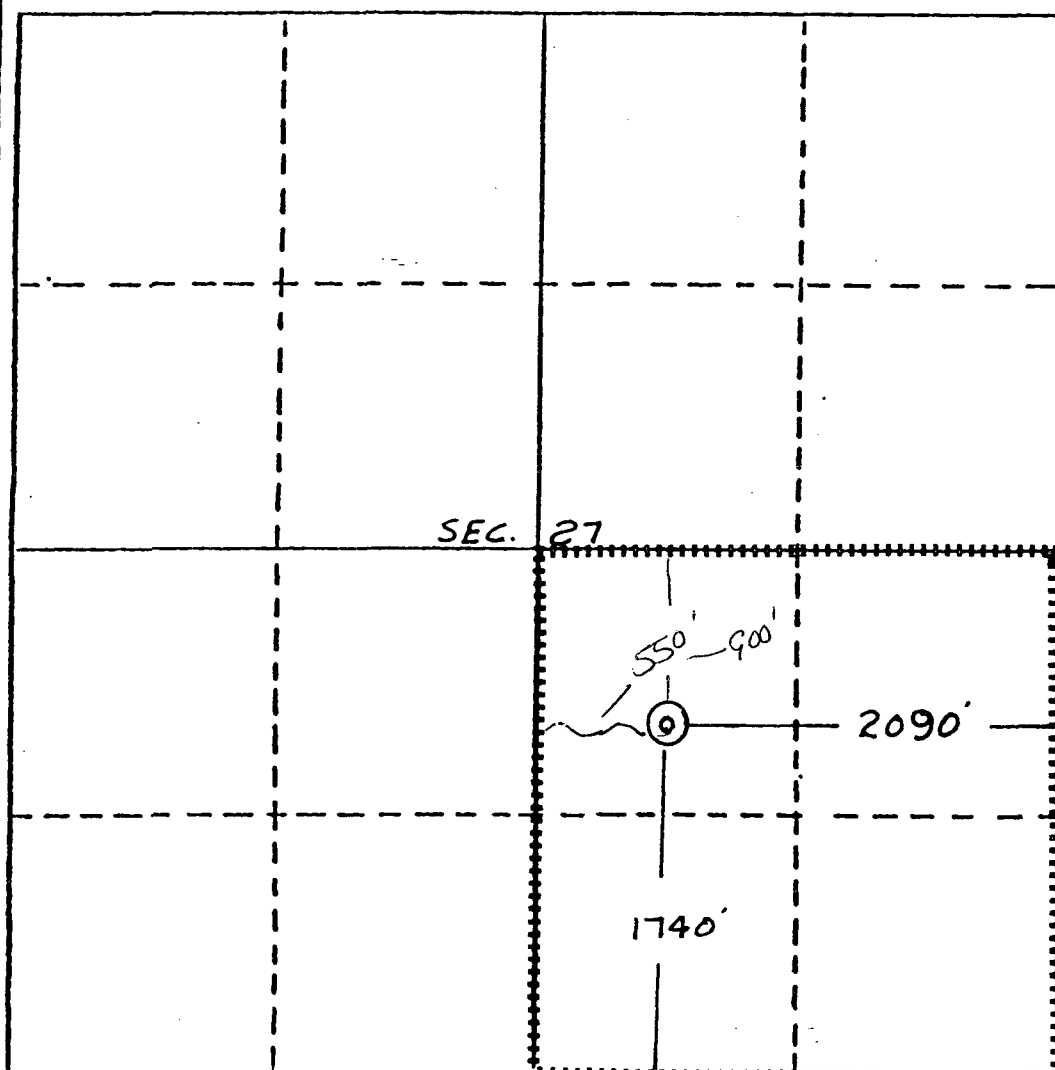
Operator Hixon Development Company		Lease Skip Hixon		Well No. 1
Unit Letter J	Section 27	Township 26 North	Range 3 West	County Rio Arriba
Actual Postage Location of Well: 1740 feet from the South line and 2090 feet from the East line				
Ground Level Elev. 7390	Producing Formation Gallup/Dakota	Pool NE Ojito Gallup/Dakota	Dedicated Acreage: 160.00 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 _____

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 Division.



CERTIFICATION

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

R. P. Tuttle

Name

R. P. Tuttle

Position

Geologist

Company

Hixon Development Company

Date

August 5, 1987

I hereby certify that the location shown on the plot was checked 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

July 30, 1987

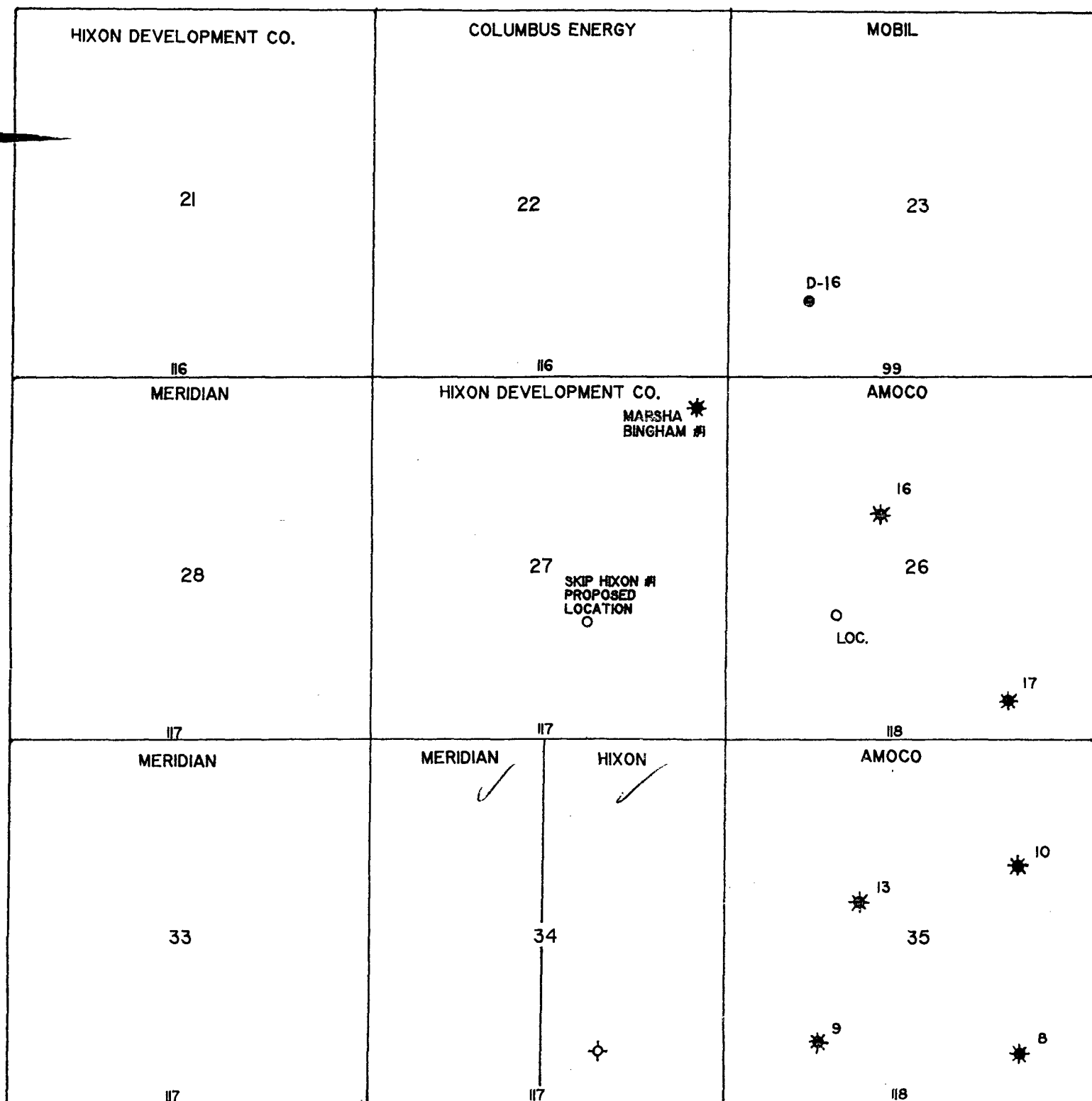
Registered Professional Engineer
and/or Land Surveyor

Edgar L. Risenhoover

Certificate No. 5979

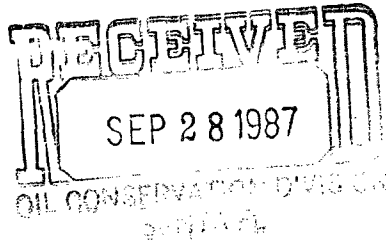
Edgar L. Risenhoover, L.S.

LOCATION PLAT
 SHOWING
 NE OJITO POOL
 OFFSET OPERATORS





D. G. Wight
Division Production Manager



Amoco Production Company

Southern Division
1670 Broadway
P.O. Box 800
Denver, Colorado 80201
303-830-4040

September 22, 1987

NSL-2405

Hixon Development Company
P. O. Box 2810
Farmington, NM 87499

Dear Mr. Corbett:

Unorthodox Location
Skip Hixon Well No. 1

Please find enclosed signed copies of the two waivers stating that we approve the subject location.

Very truly yours,

David G. Wight *sm*

GRJ/sm

Attachments

UNORTHODOX LOCATION WAIVER

For: Hixon Development Company

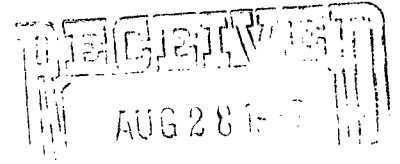
Subject: Unorthodox Location
Skip Hixon Well No. 1
1740' FSL, 2090' FEL
Sec. 27, T26N; R3W NMPM

The undersigned, as an operator/leaseholder of acreage in a proration unit adjacent to the subject NE Ojito pool stepout, does hereby acknowledge receipt of a letter requesting approval to drill at the captioned unorthodox location.

We have no objection to the application, and consent to the drilling and completion of the well by Hixon Development Company.

Signed D. G. Wight mgr
Name David G. Wight
Title Division Manager
Company Amoco Production Company
Date September 22, 1987

UNORTHODOX LOCATION WAIVER



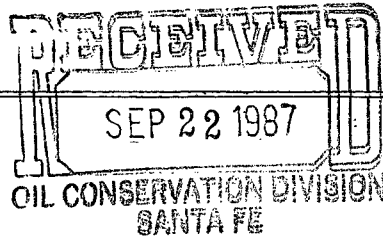
For: Hixon Development Company

Subject: Unorthodox Location
Skip Hixon Well No. 1
1740' FSL, 2090' FEL
Sec. 27, T26N, R3W NMPM

The undersigned, as an operator/leaseholder of acreage in a proration unit adjacent to the subject NE Ojito pool stepout, does hereby acknowledge receipt of a letter requesting approval to drill at the captioned unorthodox location.

We have no objection to the application, and consent to the drilling and completion of the well by Hixon Development Company.

Signed Donald R. Reed
Name _____
Title Regional Ops. Manager
Company Meridian Oil Inc.
Date 8-24-87



HixonDevelopment
COMPANY

September 18, 1987

Mr. Dave Catanach
New Mexico Oil Conservation Division
P. O. Box 2008
Santa Fe, New Mexico 87501

Subject: Non-standard location for
Skip Hixon Well No. 1
1740' FSL, 2090' FEL
Section 27, T26N, R3W
Rio Arriba Co., NM

Dear Mr. Catanach:

Enclosed please find an archaeological report covering the original standard location for the referenced well. It is dated September 17 because when Gifford Velarde visited the site on May 14 he found enough material to warrant moving the location. In an effort to save time and money Hixon Development opted to drill the Marsha Bingham No. 1 in an alternate location. Mr. Velarde did not provide a written report covering the original location until he was asked to following our conversation of September 14.

Very truly yours,

A handwritten signature in cursive script that reads "John C. Corbett".

John C. Corbett
Vice President - Exploration

JCC/plc

Enclosure

JICARILLA APACHE ARCHAEOLOGICAL SERVICES

AN ARCHAEOLOGICAL SURVEY OF A SINGLE
PROPOSED WELL LOCATION IN RIO ARRIBA
COUNTY, NEW MEXICO, CONDUCTED FOR
HIXON DEVELOPMENT COMPANY

REPORT CR-87-250

JICARILLA APACHE TRIBAL RESOLUTION
#83-581

September 17, 1987

DULCE, NEW MEXICO 87528

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JICARILLA 117 #1

A Cultural Resources Inventory Prepared by Gifford Velarde, CEO, Jicarilla Apache Archaeological Services.

1

ABSTRACT

This instrument details the findings of a Class III Pedestrian Survey of a single proposed well location conducted for Hixon Development Company. Approximately 13.0 acres of land was surveyed for cultural resources. One site was found and recorded during archaeological survey.

The proposed well location has been moved approximately 300 feet to the north to avoid all cultural resources.

Archaeological clearance is recommended.

The survey was conducted by:

Jicarilla Apache Archaeological Services
P.O. Box 919
Dulce, NM 87528
Phone: (505)759-3396 or 327-5857

The survey was conducted under:

Jicarilla Apache Tribal Resolution #83-581

The survey was conducted for:

John C. Corbett
Hixon Development Company
P. O. Box 2810
Farmington, NM 87499

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INTRODUCTION

On May 14, 1987, and September 16, 1987, Gifford Velarde, archaeologist, from the Jicarilla Apache Archaeological Services, conducted a Class III Pedestrian Survey of a single proposed well location for Hixon Development Company.

Present during the first day of inspection was Mr. Larry Anderson from Hixon Development Company.

The proposed project is in Sections 27, Township 26 North, Range 3 West, on the Jicarilla Apache Reservation.

METHODOLOGY

The proposed project was surveyed by walking a zig-zag pattern covering the project area and a small buffer zone. The area receiving archaeological attention is dictated by previous disturbance, local terrain and vegetation.

RECORDS SEARCH

- | | |
|-----------|--|
| JAS-85-61 | The site is found on a hilltop with sherds, flakes, and a earthmound, as features. The site is ascribe to the Gallina Phase. |
| JAS-85-65 | The site is describe as a possible structure with ceramics and a groundstone from the Gallina Phase of the Anasazi. |
| JAS-86-69 | A disturbed site consisting of ceramics, lithics and groundstone. A date of around A.D. 875. |

PROJECT LOCATION

Hixon Development Company - Jicarilla 117 #1

Land Jurisdiction: Jicarilla Apache Tribe

Legal Description: The proposed well location is in the SE 1/4 of the NW 1/4 of the SE 1/4 of Section 27, Township 26 North, Range 3 West, N.M.P.M., Rio Arriba County, New Mexico. The well is 1740' FSL & 2090' FEL.

Elevation: 7450'

UTM Coordinates: Zone 13; 309,130 mE; 4,036,305 mN (well)

Actual Project Area: 260' x 220'
TOTAL: 1.31 acre

Actual Survey Area: 600' x 900' (well & Site survey) + 700 x 20' (access)
TOTAL: 12.71 acres

Access: Access would be from the east some 700 feet.

Physiography & Environment:

The proposed well location is found at the base of a hill. The drainage is to the north. The soil is light brown and appears to be clay. The vegetation consists of alkali sacaton, pinon, juniper, oak brush, saage, mountain muhly, cactus, buckwheat, and a variety of mountain browse.

Cultural Resources:

One site, The Lonetree Site, was found and recorded during archaeological reconnaissance.

Recommendations:

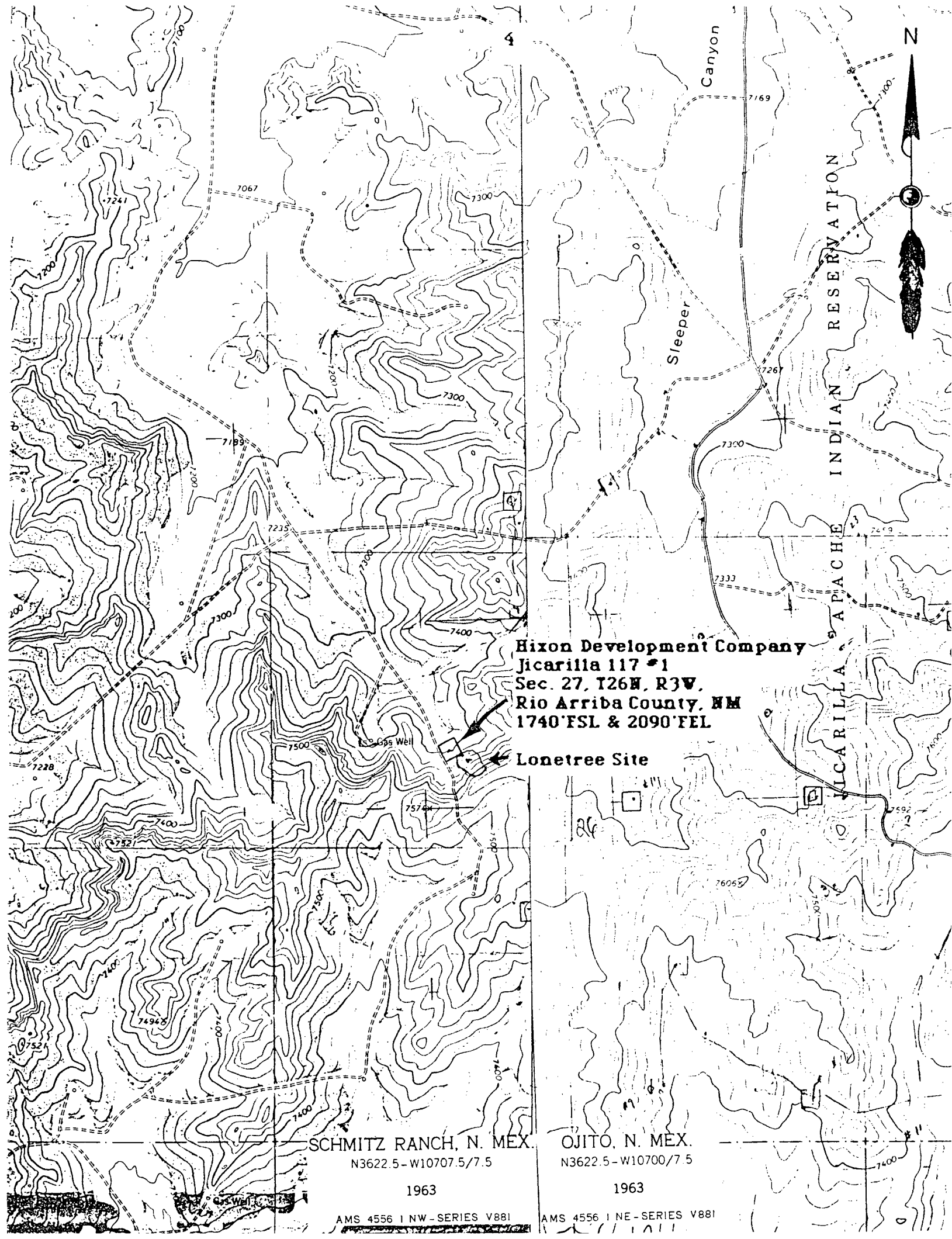
The proposed well location has been relocated 300 feet to the north to avoid all cultural resources. Archaeological clearance is recommended.

SUMMARY

A single site, The Lonetree Site, was found and recorded during inspection. The proposed well location has been relocated to avoid all cultural resources. No adverse impact is anticipated from the proposed project. Archaeological clearance is recommended. Final clearance is the prerogative of the Bureau of Indian Affairs Archaeologist.

BIBLIOGRAPHY

- Museum of New Mexico
1986 Archaeological Records Management System. Laboratory of
Anthropology, Santa Fe, New Mexico.



Hixon Development Company
Jicarilla 117 #1
Sec. 27, T26N, R3W,
Rio Arriba County, NM
1740' FSL & 2090' FEL

Lonetree Site

SCHMITZ RANCH, N. MEX.
N3622.5 - W10707.5/7.5

1963

AMS 4556 I NW - SERIES V881

OJITO, N. MEX.
N3622.5 - W10700/7.5

1963

AMS 4556 I NE - SERIES V881

LA/Field No. _____

LABORATORY OF ANTHROPOLOGY, MUSEUM OF NEW MEXICO
ARCHAEOLOGICAL SITE SURVEY FORM

THE LONETREE

LA No. _____ Site Name SITE Other Inst. * _____ I.O. _____
MNM Proj. * _____ UTM: Zone 13 ; 309 , 205 mE: 4036 250 mN
Legal Description: T 26 N. R 3 W. Sec. 27
SE 1/4 of the NW 1/4 of the SE 1/4
Unplatted _____ Grant _____ Owner & Address JICARILLA APACHE TRIBE
*Map Reference: SCHMITZ RANCH NM Date: 1963 Scale: 7.5
County Rio Arriba State N.MEX Nearest Named Drainage: CANON de los Ojitos
Locational Desc.: Recognized Landmarks: BASALT DIKE

Site Type: _____
Site Size: Length 200M Width 300M Elevation (#of feet) 7420-
Topographic Setting (Location & Access): 7520

_____ arroyo/wash	_____ flood plain	_____ plain/flat
_____ base of cliff	_____ valley bottom	_____ playa
_____ bench	<input checked="" type="checkbox"/> hill top	_____ ridge
_____ blowout	<input checked="" type="checkbox"/> hill slope	_____ saddle
_____ canyon rim	_____ low rise	_____ base talus slope
_____ cave	_____ mesa	_____ terrace
_____ cliff/scarp	_____ mountain	other (specify) _____
_____ constricted cyn	_____ mt. front/foothill	_____
_____ dune	_____ open canyon floor	_____

Local vegetation: _____

Ecological Zone: forest _____ woodland _____ scrubland _____ grassland _____
desertscrub _____ marshland _____ other (specify) _____

*Form must be accompanied by photocopy portion of USGS map showing T., R., scale and quad name

LA/Field No _____

Soil Type: rocky _____ gravelly _____ sandy ☒ clayey ☒ other _____

Local Outcrops: sandstone ☒ shale _____ limestone _____ basalt _____ tuff _____

other (specify) _____

Nature and Depth of Fill: ?

Arch. Status: Amount and Type of Work Past and Present None

National and/or State Register Status:

☐ On State Register

☐ On National and State Register

☐ Recommended for National by State, on State Register

☐ Recommended for National and State Register

☐ In District, National and State

☐ In District, National

☐ In District, State

☐ Recommended and rejected

☒ Insufficiently evaluated, potential unknown

☐ Not nominated

Condition of Site: intact ☒ grazed _____ eroded ☒ mech. disturbance _____
vandalized _____

Mitigation: avoid ☒ monitor _____ test _____ excavate _____ not required _____

Surveyed for: Energy Producer

Record Form: Surv. Forms ☒ Excav. Forms _____ Sketch Map ☒ Photos _____

Loc. of Forms, Maps, Photo J A A S

Surface and/or Subsurface Collections: yes _____ no ☒ Strategy _____

Location of Collected Artifacts _____

Previous Collections? _____ When _____ Repository _____

Is there another site close by? NO LA or Field Identif. # _____

Artifact Density: 0. 10 100's. 1,000's.

Time Diagnostic Artifacts: AD 950-1275

LA/Field No. _____

No. of Temporal Components _____

(Earliest to Latest)

Temporal Component (1)

Features: A SCATTER OF CERAMICS, LITHICS &
GROUNDSTONE

Culture: ANASAZI Period: _____ Phase: Gallina

Site Function: ? Best date: _____

Method of Date CERAMICS

Temporal Component (2)

Features A GATHERING OF WOOD RESOURCES

Culture Apache Period _____ Phase _____

Site Function _____ Best Date /

Method of Date _____

Temporal Component (3)

Features _____

Culture _____ Period _____ Phase _____

Site Function _____ Best Date _____

Method of Date _____

Additional Temporal Components

LA/Field No. _____

Published Reference:

Date 1987Institution IAAS

Site Description

The Lonetree Site

The site is a wide scatter of cultural material that has come to rest on two planes. The scatter of cultural resources is found on the hilltop and at the hill's base and a light scatter is found in between----on the hillslope. The remains appear to be that of the Anasazi during the Gallina phase (A.D. 950-1275).

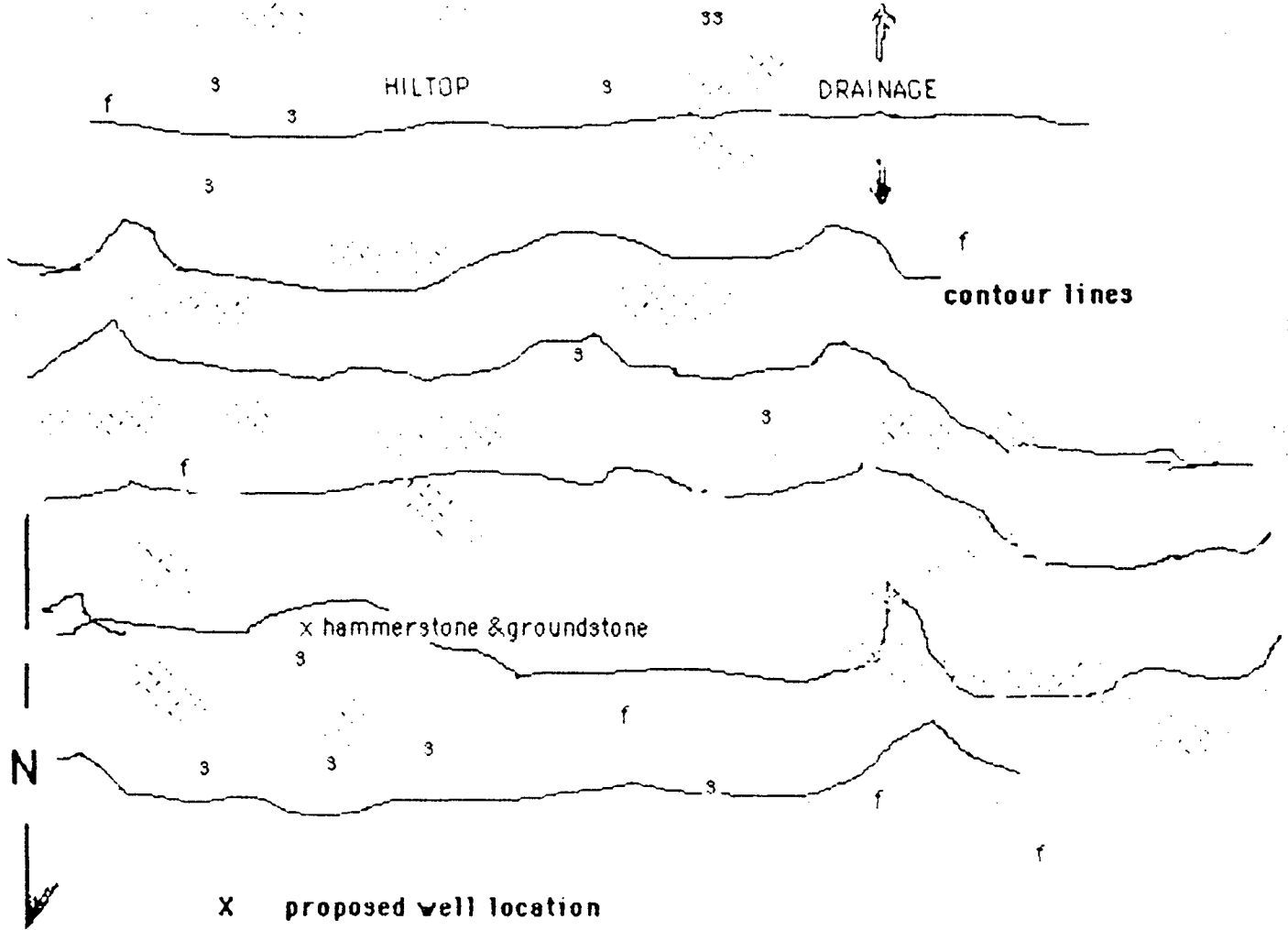
The site is found under a heavy cover of pinon, juniper, and oak, with this heavy vegetation the location yielded only a percentage of it's cultural resources. The recoverable material were ceramics, lithics, and groundstones.

Fire painted sherds were also found. These were bowls from the Gallina B/G variety. A slightly higher number of Gallina Plainware were also recovered. The remaining 40 or so sherds were grouped into the undifferentiated grey ware. The chipped stone found on location were all angular debris of chert. Two of the smaller cherts had more reworked scars than others of that size. The function of these flakes are unknown. Only a single chert could be grouped into a biface category. Two hand-size quartzite were found and appeared to have been hammerstone and a chopper. Several weathered sandstones also appeared to have been worked at some time.

The site covers an area of 200 meters by 300 meters (200m x 300m).

Field Recorder Velarde/IAAS Date 1987Lab Recorder Velarde/IAAS Date September 17, 1987

pinon juniper oak



S SHERDS
F LITHICS

NOT TO SCALE

THE LONETREE SITE

SEC. 27, T26N, R3W
RIO ARRIBA COUNTY
N.MEX.