

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-045-21868

5. LEASE DESIGNATION AND SERIAL NO.

NM-12021

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Federal

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Undesignated
Gallegos Gallup11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREA

Sec. 27, T27N, R13W

12. COUNTY OR PARISH 13. STATE

San Juan

New Mexico

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☒GAS
WELL ☐

OTHER

SINGLE
ZONE ☒MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Dietrich Exploration Company, Inc.

3. ADDRESS OF OPERATOR

602 Midland Savings Building, Denver, Colorado 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface 1830' FNL & 1980' FEL

At proposed prod. zone Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

12 miles South of Farmington, New Mexico

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest drlg. unit line, if any) 660 ft.

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

None

16. NO. OF ACRES IN LEASE

320

19. PROPOSED DEPTH

5400

17. NO. OF ACRES ASSIGNED
TO THIS WELL

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

6142 GR

22. APPROX. DATE WORK WILL START*

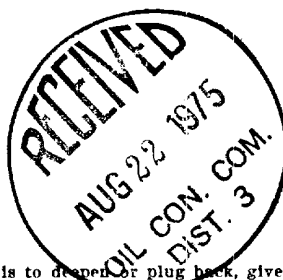
Aug. 27, 1975

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12"	8-5/8"	24.0#	200	150 sacks
7-7/8"	4 1/2"	10.5#	5400	350 sacks

Move in rotary tools, set 8-5/8" casing at 200' and cement with 150 sacks. Drill 7-7/8" hole to 5400 ft. Run logs, if production is indicated set 4 1/2" casing at 5400 ft. with 350 sacks. If well is non-commercial, same will be plugged and abandoned in accordance with USGS specifications.



RECEIVED

AUG 21 1975

U. S. GEOLOGICAL SURVEY

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present production zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

Jack D. Cook

TITLE

Agent

DATE

8-18-75

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

Okal

*See Instructions On Reverse Side

**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.

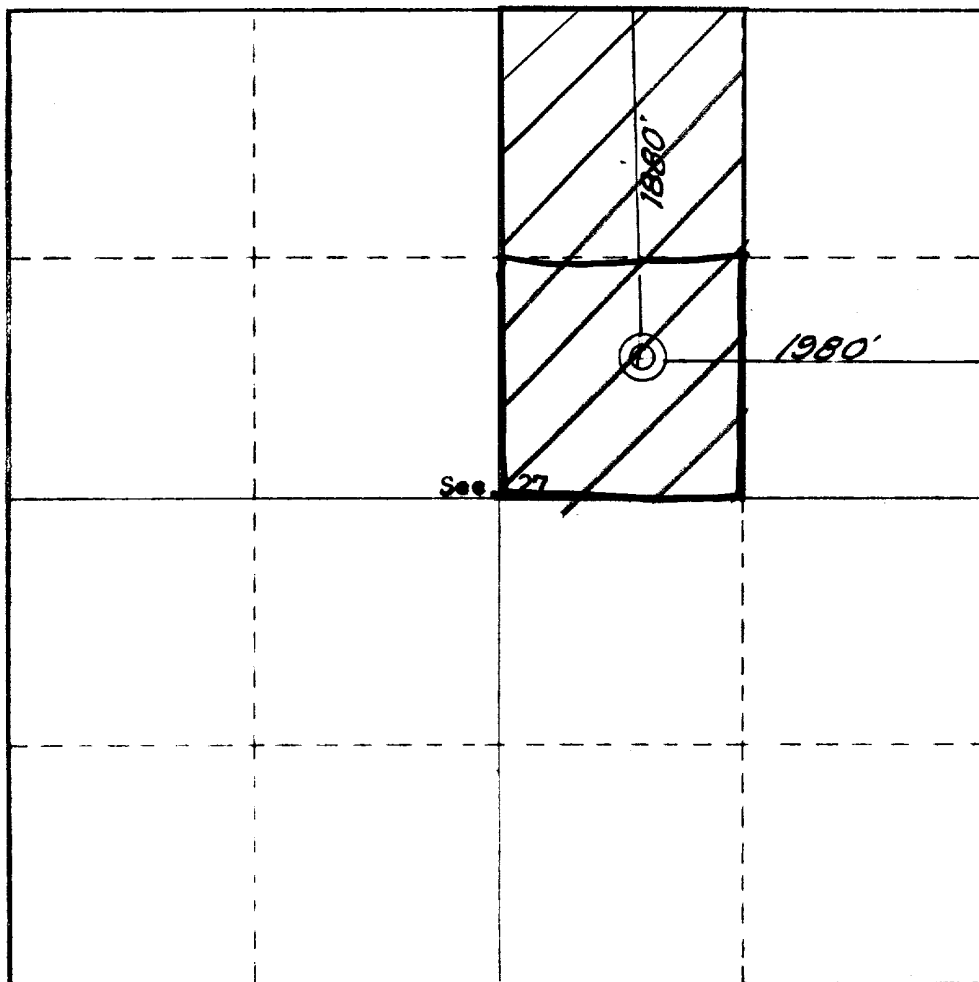
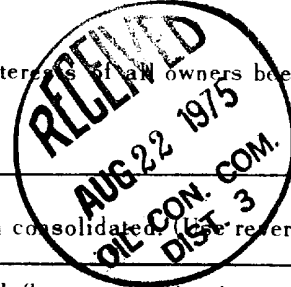
Operator DIETRICH EXPLORATION CO., INC.			Lease Federal		Well No. 1
Unit Letter G	Section 27	Township 27 NORTH	Range 13 WEST	County SAN JUAN	
Actual Footage Location of Well: <div style="display: flex; justify-content: space-between;"> 1380 feet from the NORTH line and 1980 feet from the EAST line </div>					
Ground Level Elev. 6142	Producing Formation Gallup	Pool Undesignated		Dedicated Acreage 40 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.



CERTIFICATION

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

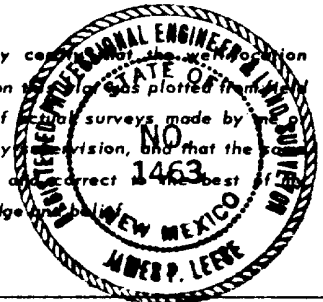
Name
Jack D. Cook

Position
Agent

Company
Dietrich Exploration Co., Inc.

Date
8-19-75

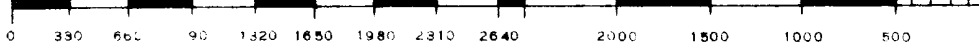
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me under my supervision, and that the location is true and correct to the best of my knowledge and belief.

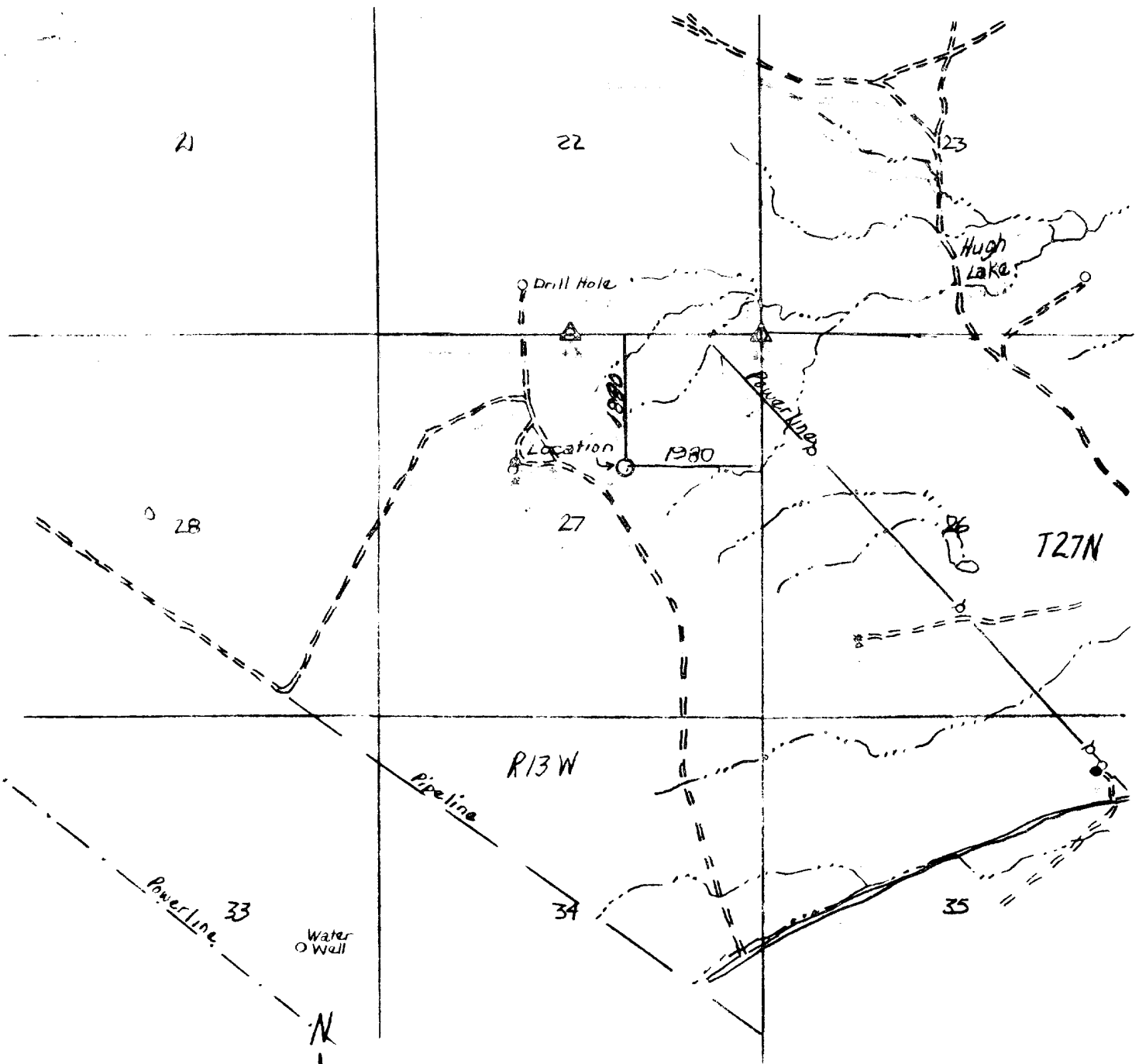


Date Surveyed
16 August, 1975

Registered Professional Engineer and/or Land Surveyor
James P. Lease

Certificate No.
1463



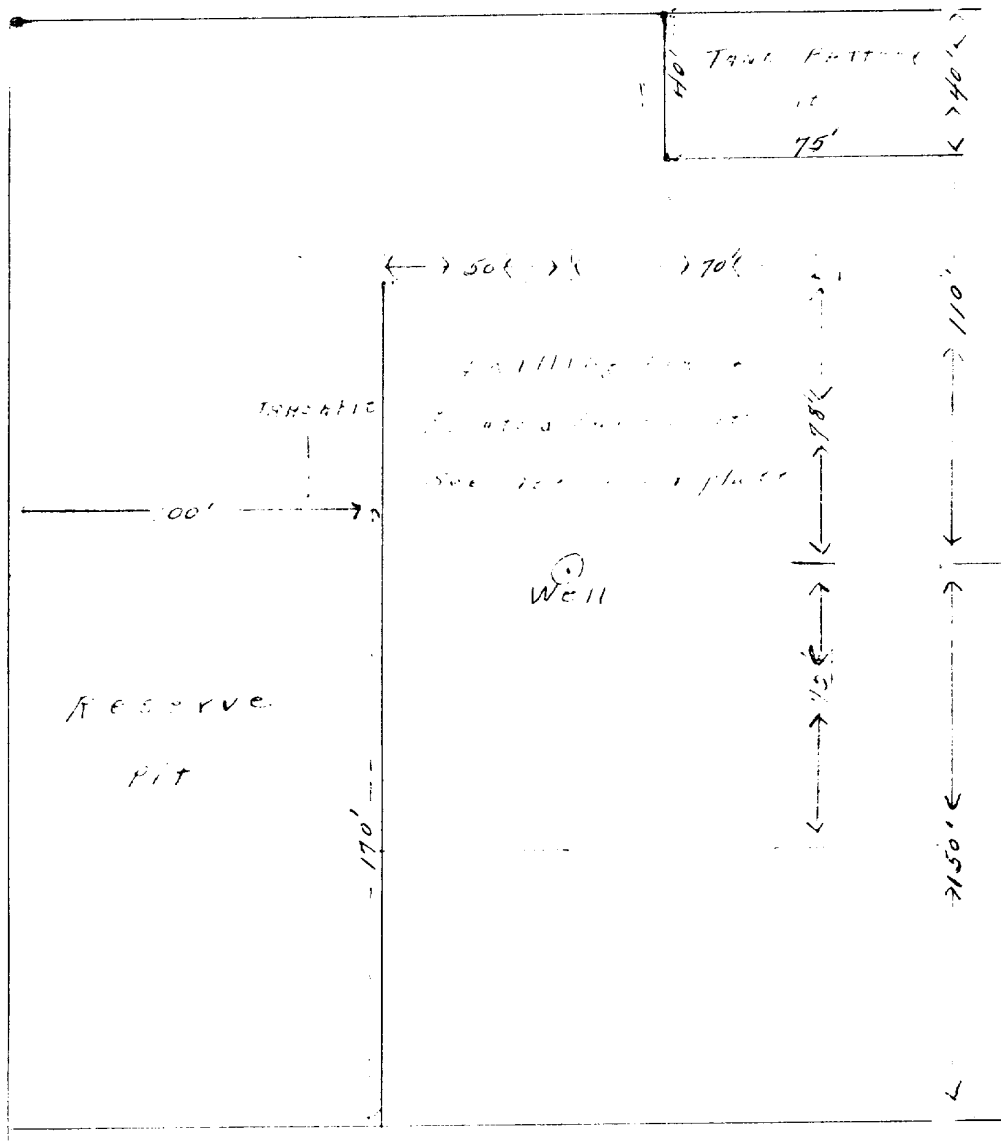


Vicinity Map for
DIETRICH EXPLORATION CO.

Showing well location in the
 SW/4 NE/4 of Section 27, T27N,
 R13W, N.M.P.M., San Juan
 County, New Mexico.

Date: 18 August, 1975 Scale: 1" = 2000'

San Juan Engineering Co.



Scale 1" = 50'

MINERALS MANIPULATION CO., INC.
 Federal #1
 12301 FNL & 19201 TEL
 Sec. 27-2 N-13
 Gallegos Gallup
 San Juan County, New Mexico

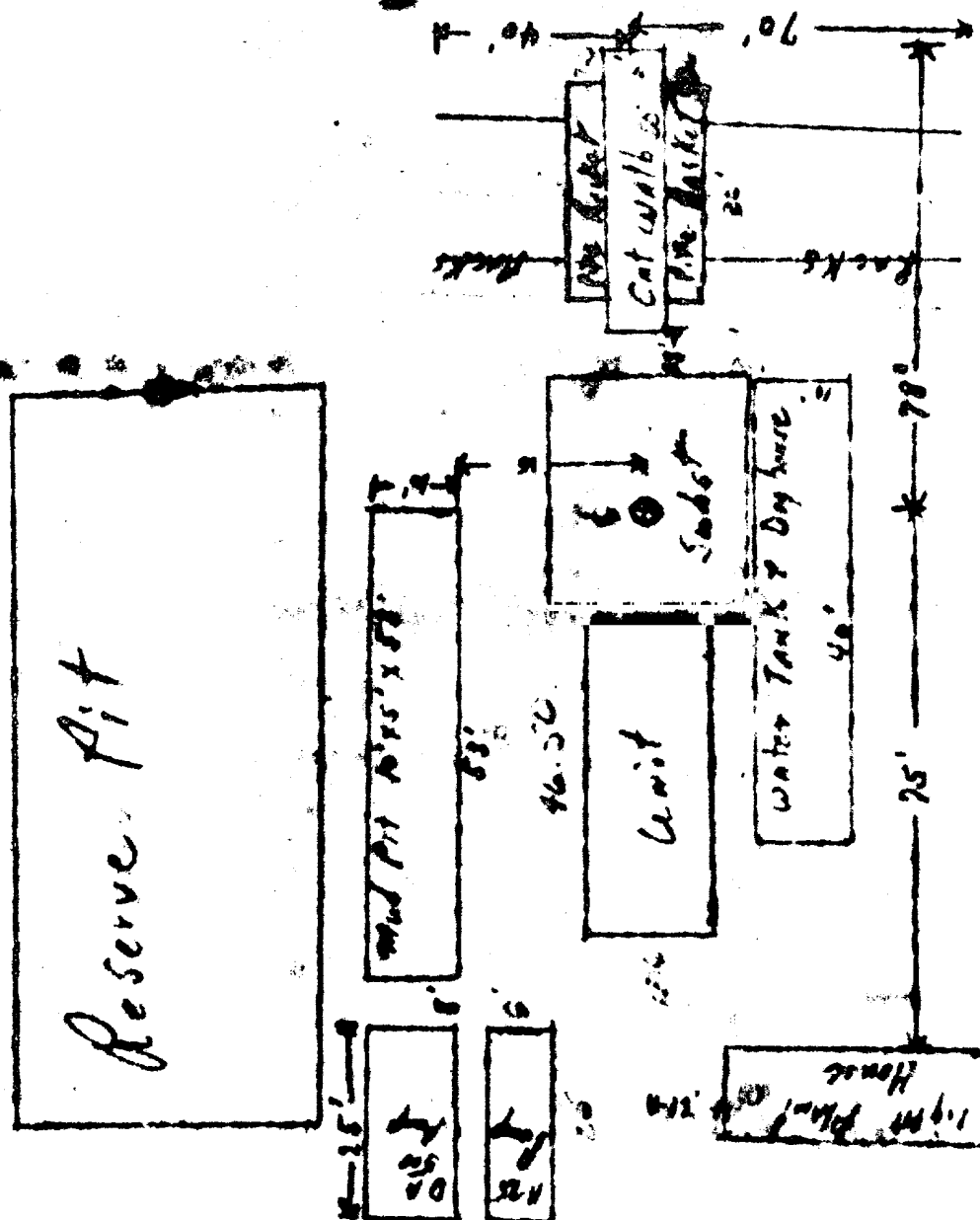
P. O. BOX 1067
702 E. BROADWAY
PARMINGTON, NEW MEXICO 87401
TELEPHONE: (505) 327-1122

P. O. BOX 1067

702 E. BROADWAY

FARMINGTON, NEW MEXICO 87401

TELEPHONE: (608) 327-1122



Rig Lay Out

**SAN JUAN COUNTY MUSEUM ASSOCIATION
EASTERN NEW MEXICO UNIVERSITY
DIVISION OF CONSERVATION ARCHAEOLOGY**

ROUTE 3 • BOX 169
FARMINGTON, NEW MEXICO 87401
PHONES: 632-2013 • 632-2733 • 632-2777

August 20, 1975

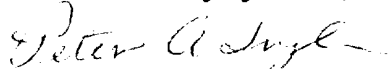
Mr. Jack Cook
Dietrich Exploration Co., Inc.
Farmington, N.M.

Dear Mr. Cook:

Enclosed please find a copy of the archaeological clearance survey for proposed well pad Federal #1 and its connecting access road in San Juan County, New Mexico.

Archaeological clearance for this well and access road have been recommended as explained in the enclosed report.

Sincerely yours,



Peter A. Ingle

Division of Conservation Archaeology

xc: Bureau of Land Management, Farmington District Office
Thomas Merlin, State Historic Preservation Officer. Santa Fe

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Archaeological Clearance Survey Report
for

Dietrich Exploration Co., Inc.

Farmington, New Mexico

August 20, 1975

by

Peter A. Ingle

Introduction

The Division of Conservation Archaeology of the San Juan County Museum Association and Eastern New Mexico University recently completed an archaeological clearance survey of National Resource Lands under the jurisdiction of the Bureau of Land Management to be impacted by the scheduled drilling of one oil well in San Juan County, New Mexico, by Dietrich Exploration Company, Incorporated. The required field work was accomplished on August 20, 1975.

The survey project was initiated at the request of, and under contract with Dietrich Exploration Company, Incorporated. It was administered by Jack Cook, representing Dietrich Exploration Company, and by Cynthia Irwin-Williams, who served as the Principal Investigator for the Division of Conservation Archaeology of the San Juan County Museum Association and Eastern New Mexico University. The field work was conducted by Peter Ingle, of the Division of Conservation Archaeology, under provisions of Antiquities Permit #75-NM-006 (BLM), issued to the Division of Conservation Archaeology by the Bureau of Land Management. Field investigation was conducted by Peter Ingle, representing the Division of Conservation Archaeology on August 20, 1975.

Recommendations

<u>Well Pad</u>	<u>Area</u>	<u>Location</u>	<u>Clearance Status</u>
Federal #1	200 feet by 200 feet	Southwest $\frac{1}{4}$ of Northeast $\frac{1}{4}$ of Section 27 Township 27 North Range 13 West 1980 feet from North line 1980 feet from East line San Juan County, New Mexico Map Source: U.S.G.S. 7.5 Minute Hugh Lake Quadrangle	Recommended

Since the proposed well pad location, access route and inspected adjacent land gave no evidence of containing archaeological or historical resources to be impacted by the proposed construction, it is recommended that archaeological clearance for this location be granted immediately.