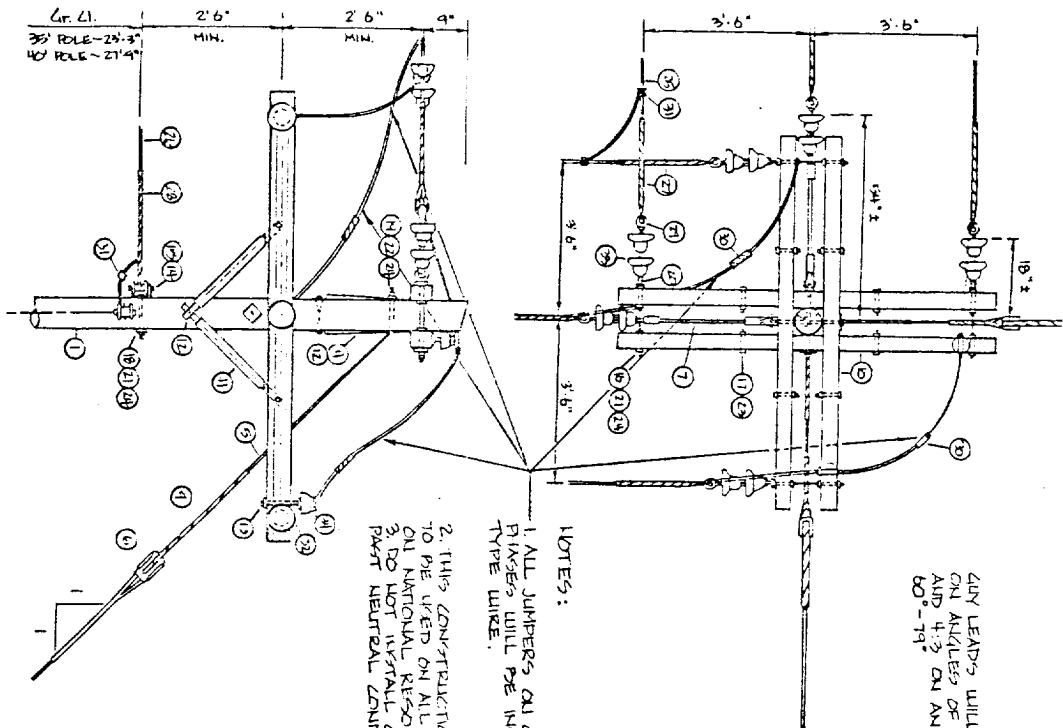


ITEM	DESCRIPTION	A. B. CHANCE NO.	JOSLYN NO.	OTHER MFRS. NO.	NO. SUB.
a	double upset bolt 5/8", nut, round washer, and cotter key on short end, sq. nut and HP locknut on long end, 15 1/8" long (or length required.)	1728			
b	3" brown glass wet process porcelain secondary spool insulator, required also consult w/ aarichead(a) & req'd size & rated insulated conductors. Ref. DWG ES-1B Note: provide clamp and ground conduct parallel groove clamp, size req'd		4101		
c	secondary insulator clevis for 4" insulator	650			
d	5/8" x 12" (or length req'd) straight chimblye bolt w/eq. nut	5512			
e	transformer cluster mount bracket (small)				
f	transformer cluster mount bracket (large)				
g	req'd size raintight disconnect & fuses, 3-phase, 600 V, Ref. DWG No. ES-1B				
h	16" cross plate anchor (or size req'd)	X-16			
i	6-way expanding anchor (also req'd)	BB135			
j	4" brown glass wet process porcelain secondary spool insulator		10101		
k	5/8" x 7" chimblye anchor rod w/nut (use twineye if req'd - Chance No. 5347)	5317 (NUT 55006P)			
l	3/8" high strength guy strand (10,800 lb.)				
m	preformed guy pipe for 3/8" guy strand	5010			
n	5/8" x 10" male chimblye bolt w/nut	6013 1/2			
o	3" x 1/2" x 1/16" hole curved washer				
p	6" - guy clamp w/1/2" bolts				
q	medium size strain insulator	6454			
r	medium size sleeve for 3/8" guy strand	7887			
s	3/16" x 2-1/2" x 7" lift plate				
t	pole bottom ground plate (may use butt-wrap if desired)				
u	Ground Connection (See DWG. ES-12)				
v	wet process porcelain secondary spool insulator, 3" - white plate				
w	wet process porcelain secondary spool insulator, 4" - white plate				

DATE: 12-27-71		TITLE: DESCRIPTION MATERIALS	
DRAWN BY: E. WINTER		CONOCO PRODUCTION DEPT. HOBBS DIVISION DRAWING NO.: ES-1 SHEET 5 OF 5	
DESIGN BY:			
CHECKED BY:			
APPROVED BY:			
SCALE: NONE		JOB: ELIC SPECS	



ALL LEADS WILL BE 1:1 ON ANGLES OF 60°-90° AND 4:3 ON ANGLES OF 60°-74°

NOTES:

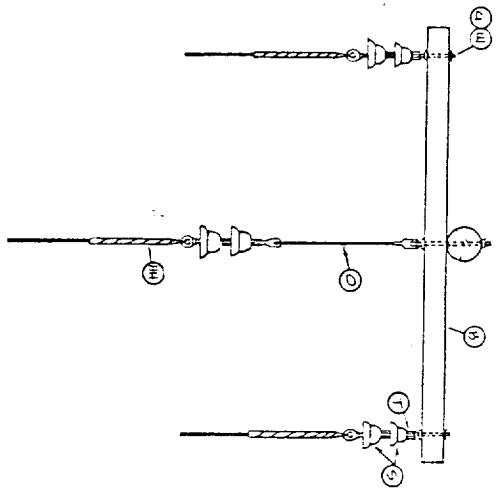
1. ALL JUMPERS ON CONDUCTOR PHASES WILL BE INSULATED TYPE WIRE.

2. THIS CONSTRUCTION STANDARD TO BE USED ON ALL LINES BUILT ON NATIONAL RESOURCE LANDS, 3. DO NOT INSTALL GROUND WIRE PAST NEUTRAL CONDUCTOR.

MATERIALS

ITEM	DESCRIPTION	QUANTITY
1	POLE LENGTH CLASS 7	1
2	ANCHOR ROD 7/8" x 7'	2
3	CLAMP 3/8" DIA.	2
4	CLAMP 3/8" DIA.	2
5	CLAMP 3/8" DIA.	2
6	CLAMP 3/8" DIA.	2
7	CLAMP 3/8" DIA.	2
8	CLAMP 3/8" DIA.	2
9	CLAMP 3/8" DIA.	2
10	CLAMP 3/8" DIA.	2
11	CLAMP 3/8" DIA.	2
12	CLAMP 3/8" DIA.	2
13	CLAMP 3/8" DIA.	2
14	CLAMP 3/8" DIA.	2
15	CLAMP 3/8" DIA.	2
16	CLAMP 3/8" DIA.	2
17	CLAMP 3/8" DIA.	2
18	CLAMP 3/8" DIA.	2
19	CLAMP 3/8" DIA.	2
20	CLAMP 3/8" DIA.	2
21	CLAMP 3/8" DIA.	2
22	CLAMP 3/8" DIA.	2
23	CLAMP 3/8" DIA.	2
24	CLAMP 3/8" DIA.	2
25	CLAMP 3/8" DIA.	2
26	CLAMP 3/8" DIA.	2
27	CLAMP 3/8" DIA.	2
28	CLAMP 3/8" DIA.	2
29	CLAMP 3/8" DIA.	2
30	CLAMP 3/8" DIA.	2
31	CLAMP 3/8" DIA.	2
32	CLAMP 3/8" DIA.	2
33	CLAMP 3/8" DIA.	2
34	CLAMP 3/8" DIA.	2

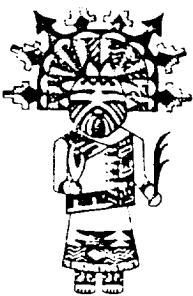
DATE: 7-15-77		TITLE: PRIMARY ANGLE STRUCTURE	
DRAWN BY: TYPHILL		60°-90° 12500 VOLT WSR	
DESIGN BY:		CONOCO	
CHECKED BY: SP		PRODUCTION DEPT	
APPROVED BY: SP		HOBBS DIVISION	
SCALE: 1/2"=1'-0"		DRAWING NO: ES-27	



ITEM	QTY
B	1
C	3
HH	3
O	1
S	6
T	2
W	3

NOTE:
FOR MATERIALS, SEE
DRAWGS, ES-1

DATE: 7-15-77		TITLE: EPOXY INSULATOR (EXTENSION LINK)	
DRAWN BY: I. overhill		CONOCO HOBBS DIVISION DRAWING NO: ES-28	
DESIGN BY:			
CHECKED BY: SP			
APPROVED BY: SP			
SCALE: 1/4" = 1"		JOB: ELEC. SPEL	



NMAS New Mexico Archaeological Services, Inc.

P. O. Box 1341

Carlsbad, New Mexico 88220

(505) 887-7646

Reconnaissance
Excavation
Analysis
Explanation
Curation

22 December 1979

Mr. H.C. Pokrandt
Production Superintendent
CONOCO, INCORPORATED
1001 E. Turner
Hobbs, New Mexico 88240

Dear Mr. Pokrandt:

Enclosed please find NMAS' Archaeological Clearance Report for CONOCO, INCORPORATED's proposed SEMU "Drinkard" Well No. 115, SEMU Dumont Well No. 116, SEMU Dumont Well No. 117, Warren Unit Well No. 79, Warren Unit Well No. 80, their access roads, and the Caliche Pits in Sections 15 and 16, T20S, R38E, and R37E, NMPL, Lea County, New Mexico. One isolated manifestation was recorded near SEMU Dumont Well No. 116. NMAS is suggesting clearance for all CONOCO locations as well as the expansion of the existing quarries.

If you have any questions pertaining to our report, please call my office. Thank you for asking NMAS to do this reconnaissance.

Yours sincerely,

Arila Slate
for Dr. J. Loring Haskell
Principal Investigator

Enclosure

cc: Mr. Delbert Cates, Production Foreman, CONOCO, INCORPORATED, Hobbs.
Mr. Thomas Zale, BLM, Carlsbad
Ms. Ann Ramage, BLM, Roswell
Mr. Jim Simms, USGS, Hobbs
Mr. Curtis Schaafsma, Laboratory of Anthropology, Santa Fe
Mr. Thomas W. Merlan, SHPO, Santa Fe

as

Archaeological Clearance Report
for
CONOCO, INCORPORATED

SEMU "DRINKARD" Well No. 115
SEMU EUMONT WELL No. 116
SEMU EUMONT WELL No. 117
Warren Unit Well No. 79 ←
Warren Unit Well No. 80
Quarry Pit, Section 15, T20S, R38E
Quarry Pit, Section 16, T20S, R38E
Lea County, NM

Prepared

By

J. Loring Haskell

and

Charles A. Aylward

Submitted

By

Dr. J. Loring Haskell
Principal Investigator
New Mexico Archaeological Services, Inc.
Carlsbad, New Mexico

22 December 1979

Permit No. 79-MM-166

Introduction

On 21 December 1979, New Mexico Archaeological Services, Inc., (NIAS), Carlsbad, undertook for COMCO, INCORPORATED, Hobbs, an archaeological reconnaissance of federal lands administered by the Bureau of Land Management in Lea County, New Mexico. Reconnoitered areas will be impacted by the construction of drill locations, associated access roads and quarry pit expansions. This project was advanced by Mr. Selbert Gates, Production Foreman, COMCO, INCORPORATED, and administered by Dr. J. Loring Haskell, Principal Investigator, NIAS, Inc. This reconnaissance was undertaken by Mr. Charles A. Aylward, Research Associate, NIAS.

Survey Technique

For this investigation, COMCO's proposed locations were reconnoitered for evidence of man's past activities by walking them in a series of 20 ft wide, close interval (15° or less), zigzag transects. In addition, an added zone embracing to 20 ft on each side of the staked 400 X 400 ft locations, and hence lying outside the bounds of the proposed work area, was reconnoitered by a similar means as were the access roads and the quarry pits. Methodologically, this procedure served to promote optimal conditions for the visual examination of areas to be impacted by construction-related activities.

SENU "BRIKARD" WELL NO. 115

Location

~~The proposed location will measure 400 X 400 ft on federal lands and will be situated 1980 ft from the south line and 660 ft from the west line of.~~

Cultural Resources

No archaeological sites or isolated manifestations were recorded during this reconnaissance. Prehistorically, this landform, was utilized on an occasional basis by social units engaged in hunting- and hunting-related activities. Actual usage was transitory and seasonal.

Recommendations

BMS recommends clearance for CONOCO's proposed CENU Monument Well No. 117 and its access road and suggests that work-related activities proceed in accordance with company plans. Clearance, of course, is granted by the Bureau of Land Management.

Warren Unit Well No. 79

Location

The proposed location will measure 400 X 400 ft on Federal lands and will be situated 660 ft from the north line and 660 ft from the west line of:

Section 35, T20S, R38E, N4PM, Lea County, NM

Thus it will be situated in the:

NW1/4, Section 35, T20S, R38E, N4PM, Lea County, NM

The associated access road will measure 20 X 1200 ft and will be situated in the:

NW1/4, Section 35, T20S, R38E, N4PM, Lea County, NM

SW1/4, Section 26, T20S, R38E, N4PM, Lea County, NM

Map Reference: USGS HOORS SW QUADRANGLE, 7.5 Minute Series, 1969.

Terrain

CONOCO's location is situated on a broad expanse of undulating plain overlain by deep mantle of eolian deposits. Stabilized

dunes lie to the east. Drainage is toward the south and is tributary to Monument Draw. Actual runoff in the immediate area is minimal owing to the high porosity of sandstone soil individuals. Beds uniformly belong to the Tropic Formation.

Floristics

Important plants making up the floral assemblage's overstory include: Quercus laevis, Yucca elata, and Eriogonum fasciculatum. Key elements of the understory include: Horridula punctata, Helianthus sp., Senecio sp., Gilia sp., Medicago humifusa, and Euthamia sp. The Cactaceae is represented by Opuntia sp. (platyopuntia). Grasses include: Eriochloa sp., Aristida sp., Setaria sp., Muhlenbergia sp., Munroa squarrosa, and Andropogon spp.

Cultural Resources

No archaeological sites or isolated manifestations were recorded during this reconnaissance. Their overall absence is due to a bona fide shortage of lithic material for flakes-tool manufacture. In the past, prehistoric social units utilized this area for hunting purposes. Principal usage dates from the Late Archaic (A.D. 750) to about A.D. 1350.

Recommendations

NHMS recommends clearance for CONOCO's proposed Warren Unit Well No. 79 and its access road and suggests that work-related activities proceed in accordance with company plans. Clearance, of course, is granted by the Bureau of Land Management.

Eriogonum annuum, Monarda punctata, Gutierrezia sarothrae, Dithyrea sp., Suaeda sp., and Mentzelia sp. Principal grasses of this association include: Aristida sp., Andropogon sp., Sporobolus sp., Muhlenbergia sp., and Monroa squarrosa.

Cultural Resources

No archaeological sites or isolated manifestations were recorded during this reconnaissance. Their absence is attributable to a shortage of lithic resources, caliche, water, and adequate shelter. Locally, this portion of the Tunic Plain harbor a low frequency of material cultural resources. Site densities increase toward the west and south-southeast.

Recommendations

MNAS recommends clearance for CONOCO's proposed Warren Unit Well No. 80 and its access road and suggests that work-related activities proceed in accordance with company plans. Clearance, of course, is granted by the Bureau of Land Management.

Quarry, Section 15, T20S, R38E,
Lea County, New Mexico

Location

The existing borrow pit is situated in the:

NE¹/₄SE¹/₄, Section 15, T20S, R38E, NMPM, Lea County, NM
SE¹/₄SE¹/₄, Section 15, T20S, R38E, NMPM, Lea County, NM

Map Reference: USGS HOBBS SW QUADRANGLE, 7.5 Minute Series, 1969.

Terrain

In general, this landform is marked by an open, sometimes undulating, plain trending toward the southeast. Drainage is tributary to Monument Draw. Areal soils tend to be sandy clay

loams and calcareous in nature. Indurated caliche underlies surficial deposits.

Floristics

A sparse, open overstory of Prosopis juliflora characterizes the immediate area. Associated plants include: Senecio sp., Astragalus sp., Croton sp., Eriogonum annuum, Helianthus sp., Mentzelia sp., Dithyrea sp., Salsola kali, and Euphorbia sp. Grasses include: Bouteloua sp., Aristida sp., Sporobolus sp., and Cenchrus incertus.

Cultural Resources

No archaeological sites or isolated manifestations were recorded during this reconnaissance. Although not encountered, the Eunice Plain, particularly to the south, occasionally yields evidence of early man and Pleistocene-aged megafauna albeit not necessarily in the same context. Resources of this type tend to occur principally in the vicinity of former lake basins near strand lines.

Recommendations

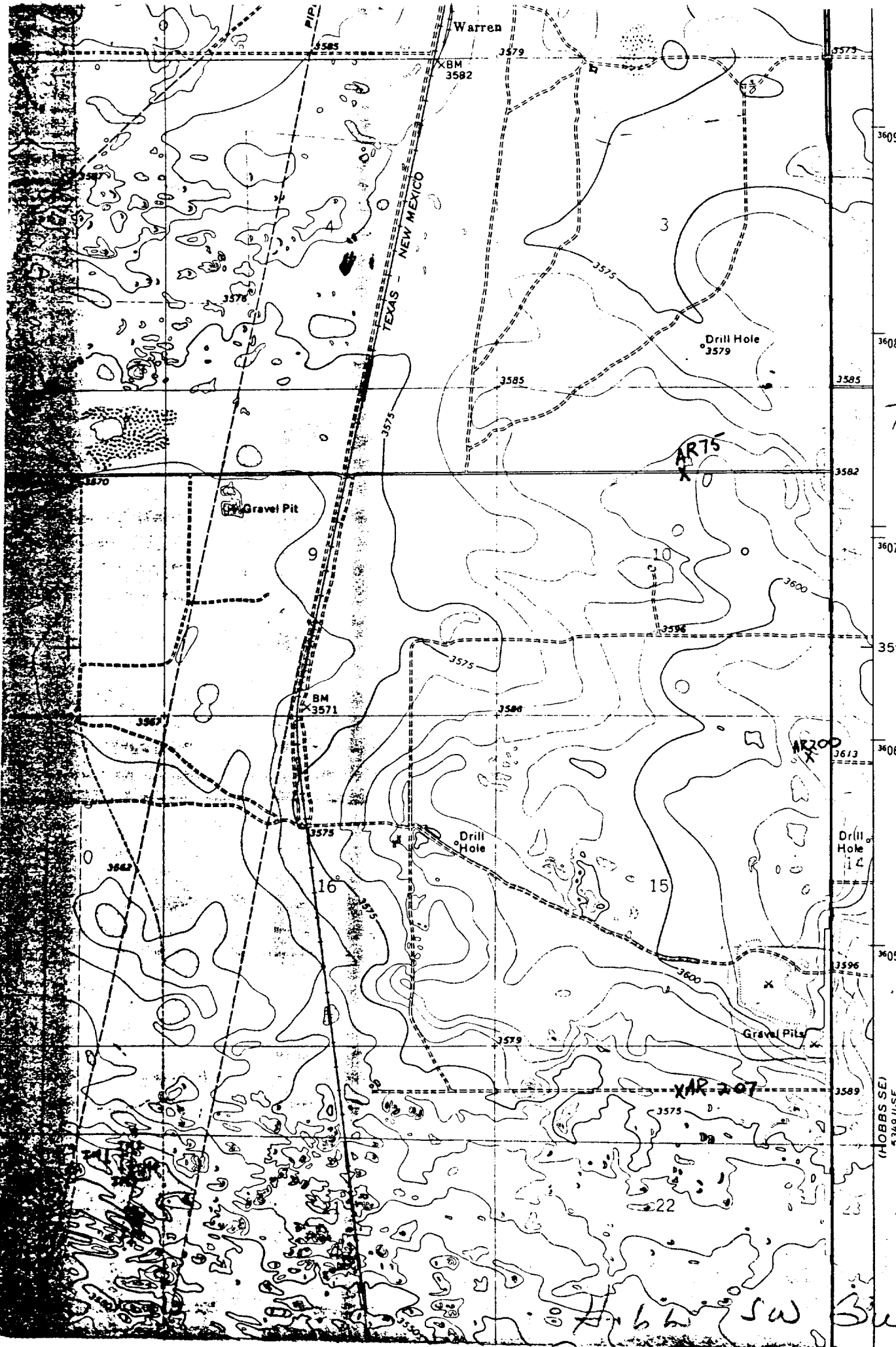
NMAS recommends clearance for the proposed expansion of the caliche pit and suggests that CONOCO proceed with its existing plans. Clearance, of course, is granted by the Bureau of Land Management.

Quarry, Section 16, T20S, R37E,
Lea County, New Mexico

Location

The existing quarry is situated in the:

NELSE4, Section 16, T20S, R37E, NMPM, Lea County, NM
SELSE4, Section 16, T20S, R37E, NMPM, Lea County, NM



T-20-5

Hobbs SW Blvd

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