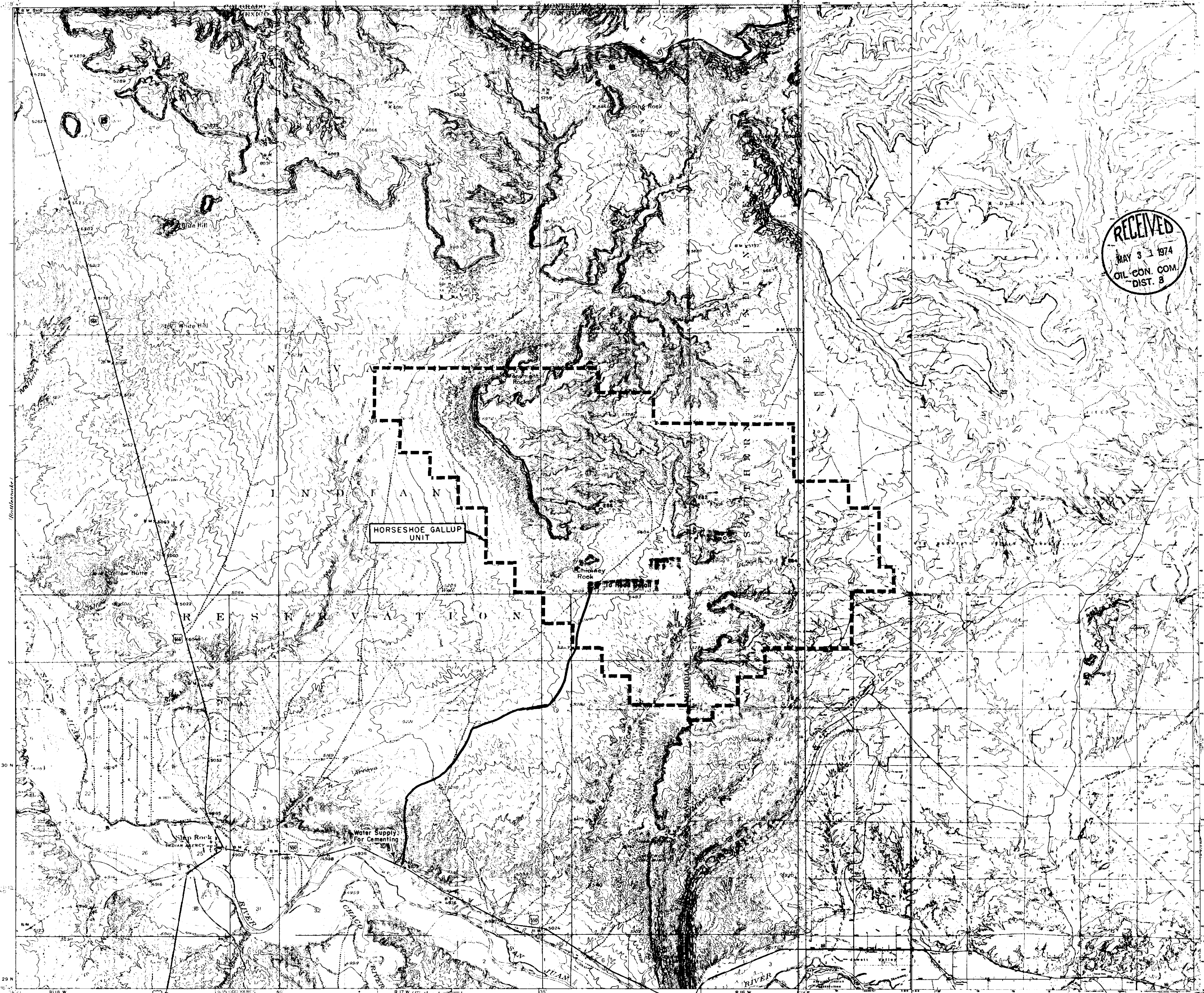




Topographic map of the Chimney Rock area, New Mexico and Colorado, showing the Horseshoe Gallup Unit, Indian Reservation, and various geographical features like Chimney Rock and Indian Agency.

NEWCOMB 33 MI.
GALLUP 30 MI.

SPOT CLASSIFICATION
1945
Dry weather roads
U.S. Route 15
Line surface graded
Unsurfaced graded
Ditch
State Route 16
More than two lanes indicated along road with rock at point of change
A. L. L. L. L.

Scale 1:25000
1 inch = 2500 feet
0 1 2 3 4 Miles
0 1 2 3 4 Kilometers
Contour interval 20 feet
Datum is mean sea level

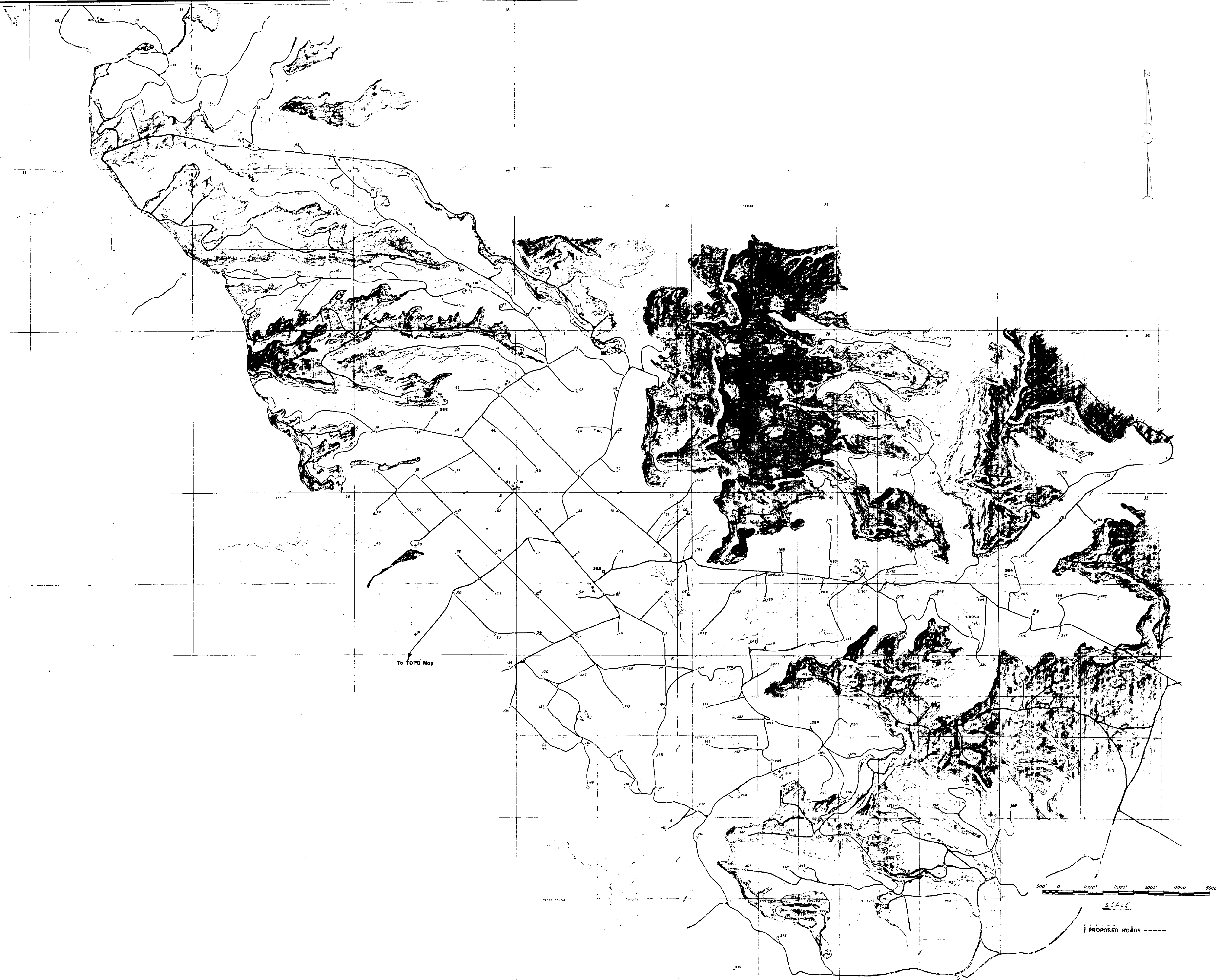
Polyconic projection 1927 North American datum
5000 yard grid based upon U.S. zone system, E

CHIMNEY ROCK, N. MEX.: COLO.
Edition of 1936
reprinted 1947
N 3545-W1083945

Revised edition, and published by the Geological Survey
UNITED STATES GEOLOGICAL SURVEY
WASHINGTON, D. C. 20540

Scale 1:25000
1 inch = 2500 feet
0 1 2 3 4 Miles
0 1 2 3 4 Kilometers

WATERLOO, N. MEX.
1945-1947-1948



ROAD DETAIL

DATE		REVISION		APPROVED
BLUE PRINT RECORD				
FOR	DATE	REV		
ESTIMATES				
PROPOSALS				
CONSTRUCTION				
OFFICE				
OPER. DEPT				
RECEIVED MAY 3 1974 OIL COM. COM. DIST. 3				
Atlantic Richfield Company ENGINEERING AND CONSTRUCTION DEPT.				
ATLANTIC BUILDING		DALLAS, TEXAS		
HORSESHOE GALLUP POOL SAN JUAN COUNTY, NEW MEXICO				
DRAWN	DATE	APPROVED	DATE	
J.R.V./S.H.R.	7-2-62			
TRACED		SUPERVISOR - DESIGN GROUP		
CHECKED		S.W. DIV. MANAGER		
SCALE		EST. NO.		
DWG. NO.	ED-1608		AUTH. NO. 82-7110	

R 17 W

R 16 W

LINE DETAIL
 PRODUCTION & INJECTION SYSTEMS
 HORSESHOE — GALLUP FIELD
 SAN JUAN COUNTY NEW MEXICO

RECEIVED
 MAY 3 1 1974
 OIL CON. COM.
 DIST. 3

T 31 N

T 31 N

PART "B"

PART "D"

PART "C"

LEGEND

- Proposed "Flowline"
 --- Future Oil Flowlines
 --- Present Buried Oil Flowlines
 --- Future Oil Trunklines
 --- Present Buried Oil Trunklines
 --- Future Water Injection Flowlines
 --- Present Buried Water Injection Flowlines
 --- Temporary Inj. Line
 --- Test Station
 --- Test Station w/ Pump
 --- Present Central Batteries w/ Lost Units
 --- Future Central Batteries w/ Lost Units
 --- Present Water Injection Manifold
 --- Future Water Injection Manifold
 --- Present Water Injection Plant
 --- Future Water Injection Plant
 --- Producing Well
 --- Upper Sand Water Injection Well
 --- Upper & Lower Sand Water Injection Well
 --- Lower Sand Water Injection Well
 --- Water Source Well

WELLS	QUANTITY
Producing	157
Injection	115
Water Source	4

- SHUT-IN PRODUCERS
- PRODUCED BI-MONTHLY
- SHUT-IN INJECTION WELL
- SHUT-IN WATER SUPPLY WELL

R 17 W

R 16 W

T 30 N

T 30 N