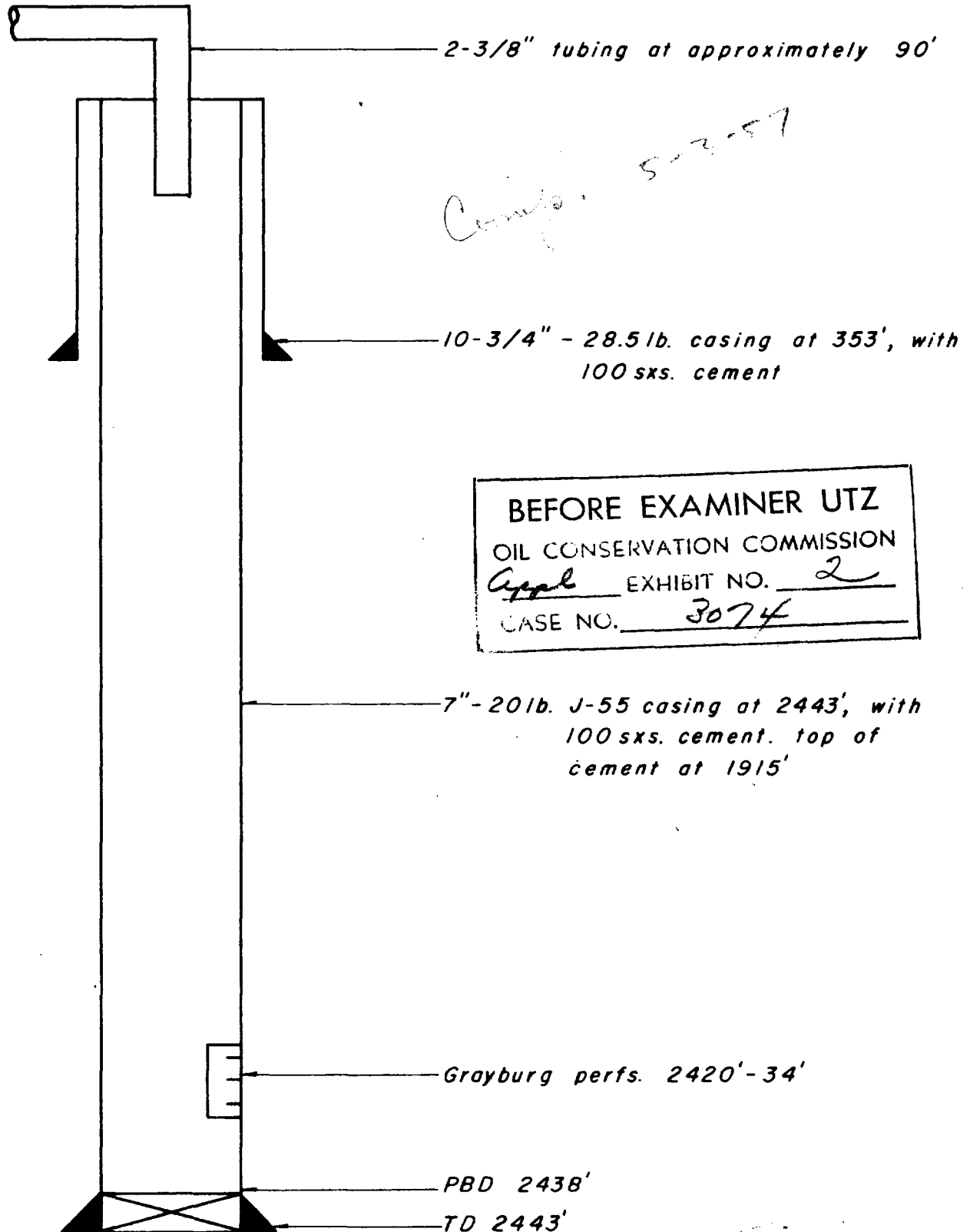


CONTINENTAL OIL COMPANY

Cave Pool Unit No. 45

SCHEMATIC DIAGRAM PROPOSED WATER INJECTION WELL



WELL DATA PLAT

WELL NAME & LOCATION

Cave Pool Unit No. 45

1980' FNL & 660' FEL,

Sec. 9-17-29

Eddy County, New Mexico

TD - 2443'

ELEV. 3572' GL

IP DATE 5-3-57

Oil 384 BOPD

Water 0

Gas GOR 1240

CHK. 1/2"

TP

CP

LATEST TEST

Date 3-30-64

Oil 1 BOPD

Water 0

Gas GOR 7500

Allowable 1 BPD

CASING RECORD

Size/Depth/No. Sx./C'mt. Top

10-3/4" 353' 100 sxs.

7" 2443 100 1915

CUMULATIVE PRODUCTION

5-1-64: 24,666 bbls.

COMPLETION INTERVAL

Premier Sand

Perfs. 2420'±34', w/ 4 SPF

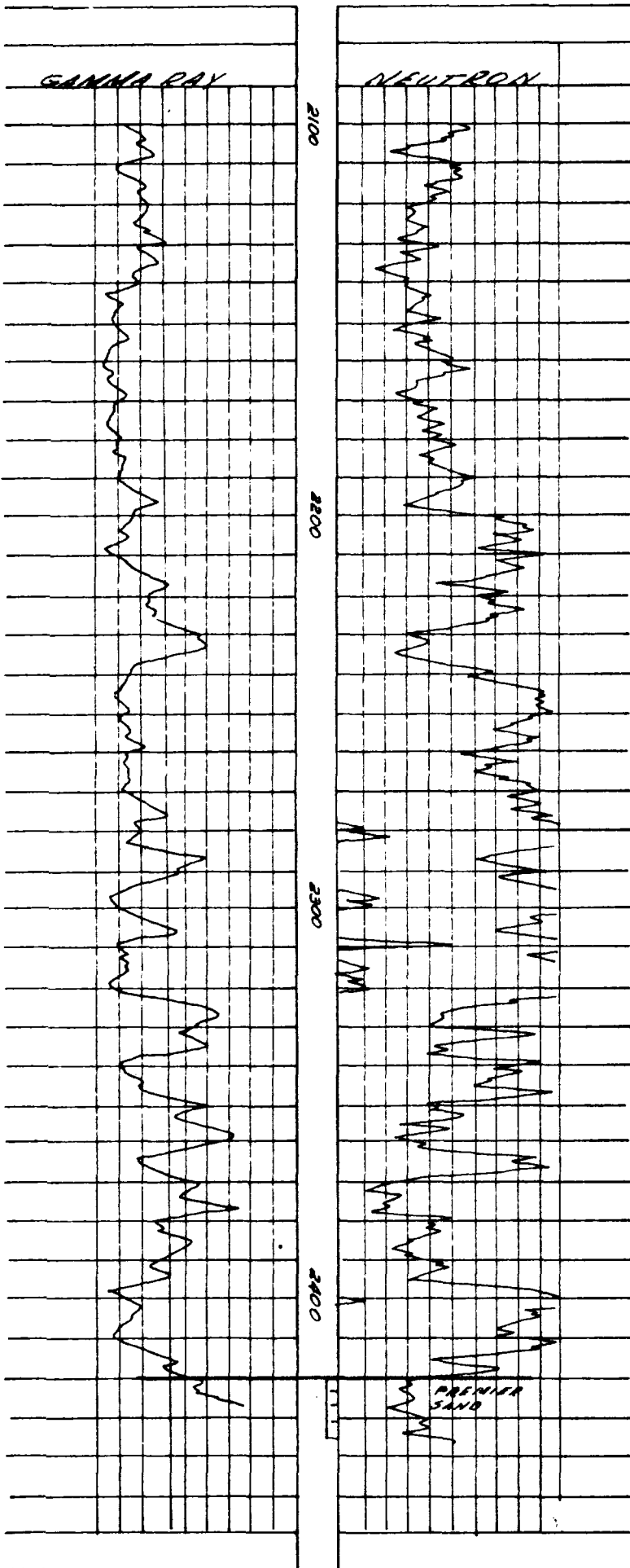
INITIAL TREATMENT

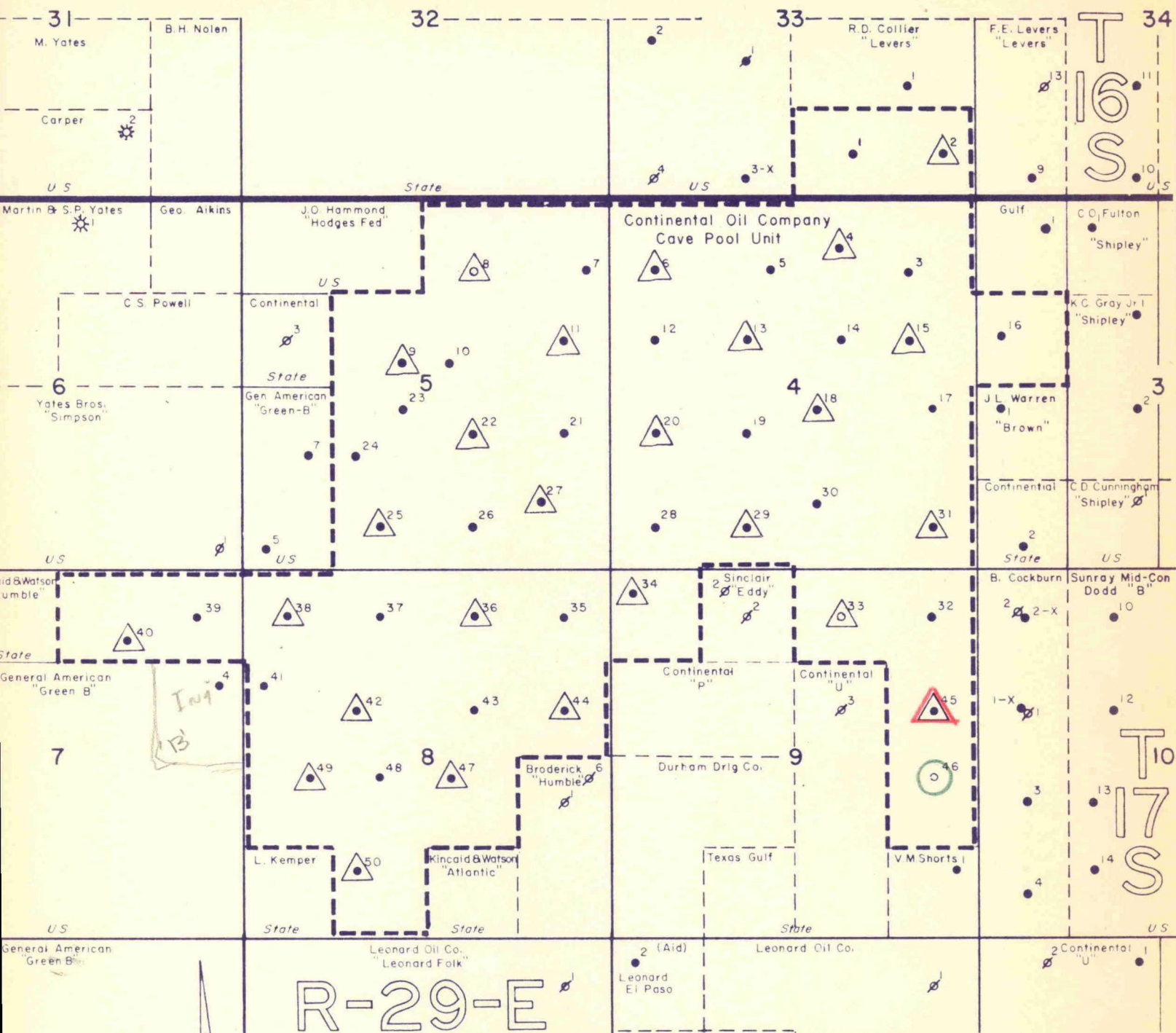
Frac w/20,000 gals. lease crude
and 28,500# sand.

PAST REMEDIAL WORK

NONE

BEFORE EXAMINER UTZ
OIL CONSERVATION COMMISSION
Appl. EXHIBIT NO. 3
CASE NO. 3074





BEFORE EXAMINER UTZ
OIL CONSERVATION COMMISSION
App'l EXHIBIT NO. 1
CASE NO. 3074

CONTINENTAL OIL COMPANY

PRODUCTION DEPARTMENT

HOBBS DISTRICT

CAVE POOL UNIT WATERFLOOD
Eddy County, New Mexico



Proposed Injection Well



Proposed Producing Well



Water Injection Well

--- Cave Pool Unit Boundary

SCALE IN FEET
0 1000 2000

EXHIBIT NO. 1

REM.

BEFORE THE OIL CONSERVATION COMMISSION
OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE HEARING
CALLED BY THE OIL CONSERVATION
COMMISSION OF NEW MEXICO FOR
THE PURPOSE OF CONSIDERING:

CASE No. 3074
Order No. R-2739

APPLICATION OF CONTINENTAL OIL
COMPANY FOR AN AMENDMENT OF ORDER
NO. R-2385, EDDY COUNTY, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a.m. on July 1, 1964, at Santa Fe, New Mexico, before Examiner Elvis A. Utz.

NOW, on this 15th day of July, 1964, the Commission, a quorum being present, having considered the testimony, the record, and the recommendations of the Examiner, and being fully advised in the premises,

FINDS:

(1) That due public notice having been given as required by law, the Commission has jurisdiction of this cause and the subject matter thereof.

(2) That the applicant, Continental Oil Company, seeks amendment of Order No. R-2385 to authorize water injection into its Cave Pool Unit Well No. 45 located in Unit H of Section 9, Township 17 South, Range 29 East, NMPM, Eddy County, New Mexico, in lieu of its Unit Well No. 46 (formerly State U-9 Well No. 4) located in Unit I of said Section 9.

(3) That approval of the subject application should result in a more efficient waterflood project.

(4) That approval of the subject application should result in the recovery of otherwise unrecoverable oil, thereby preventing waste.

-2-

CASE No. 3074
Order No. R-2739

IT IS THEREFORE ORDERED:

(1) That Order No. R-2385 is hereby amended to authorize Continental Oil Company to inject water into its Cave Pool Unit Well No. 45 located in Unit H of Section 9, Township 17 South, Range 29 East, NMPM, Eddy County, New Mexico, in lieu of its Unit Well No. 46 (formerly State U-9 Well No. 4) located in Unit I of said Section 9.


(2) That jurisdiction of this cause is retained for the entry of such further orders as the Commission may deem necessary.

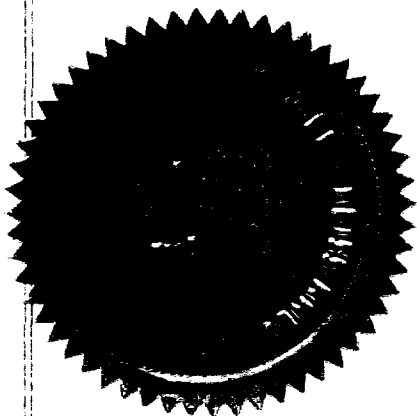
DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION


JACK M. CAMPBELL, Chairman


E. S. WALKER, Member


A. L. PORTER, Jr., Member & Secretary



esr/