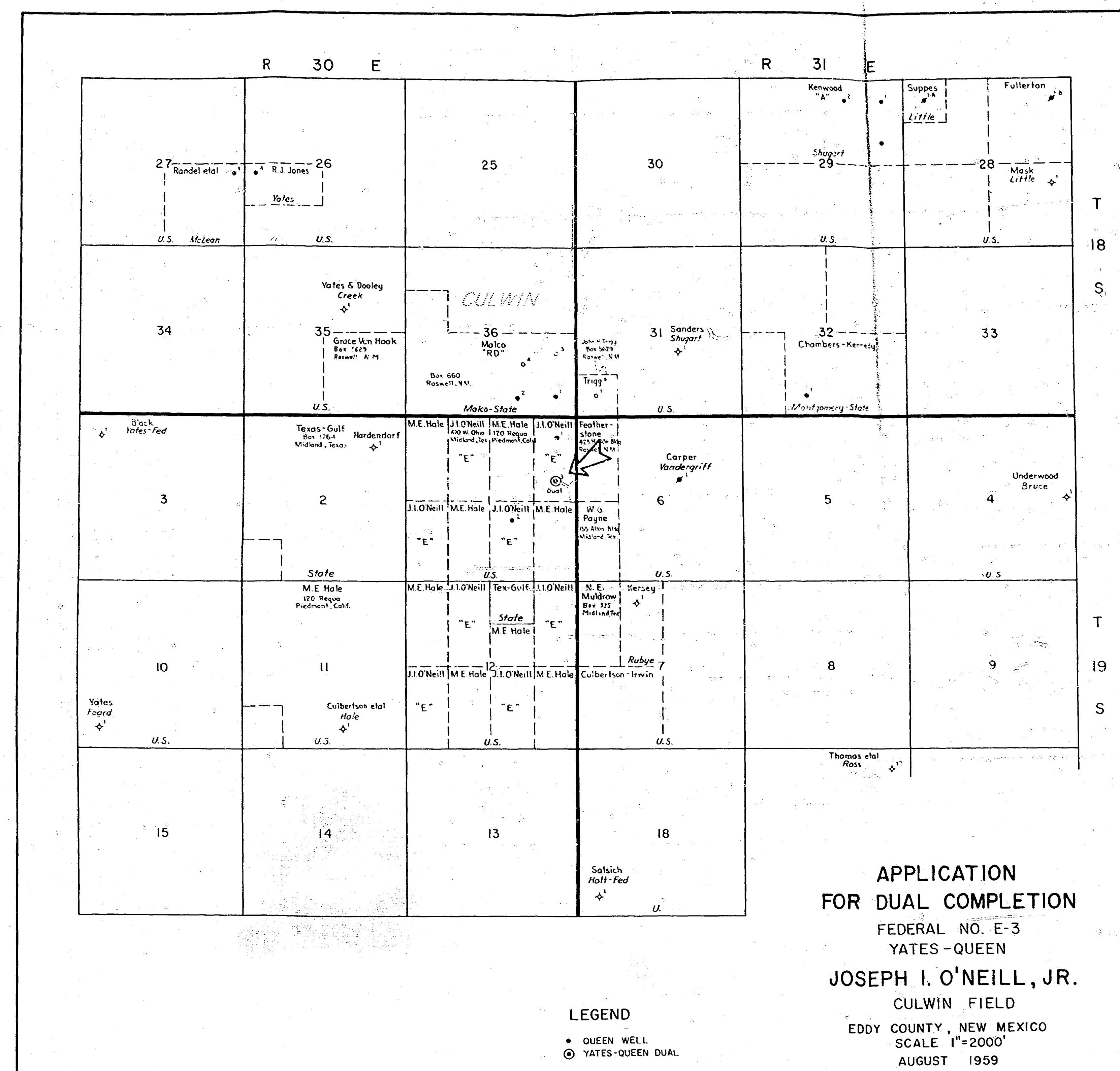
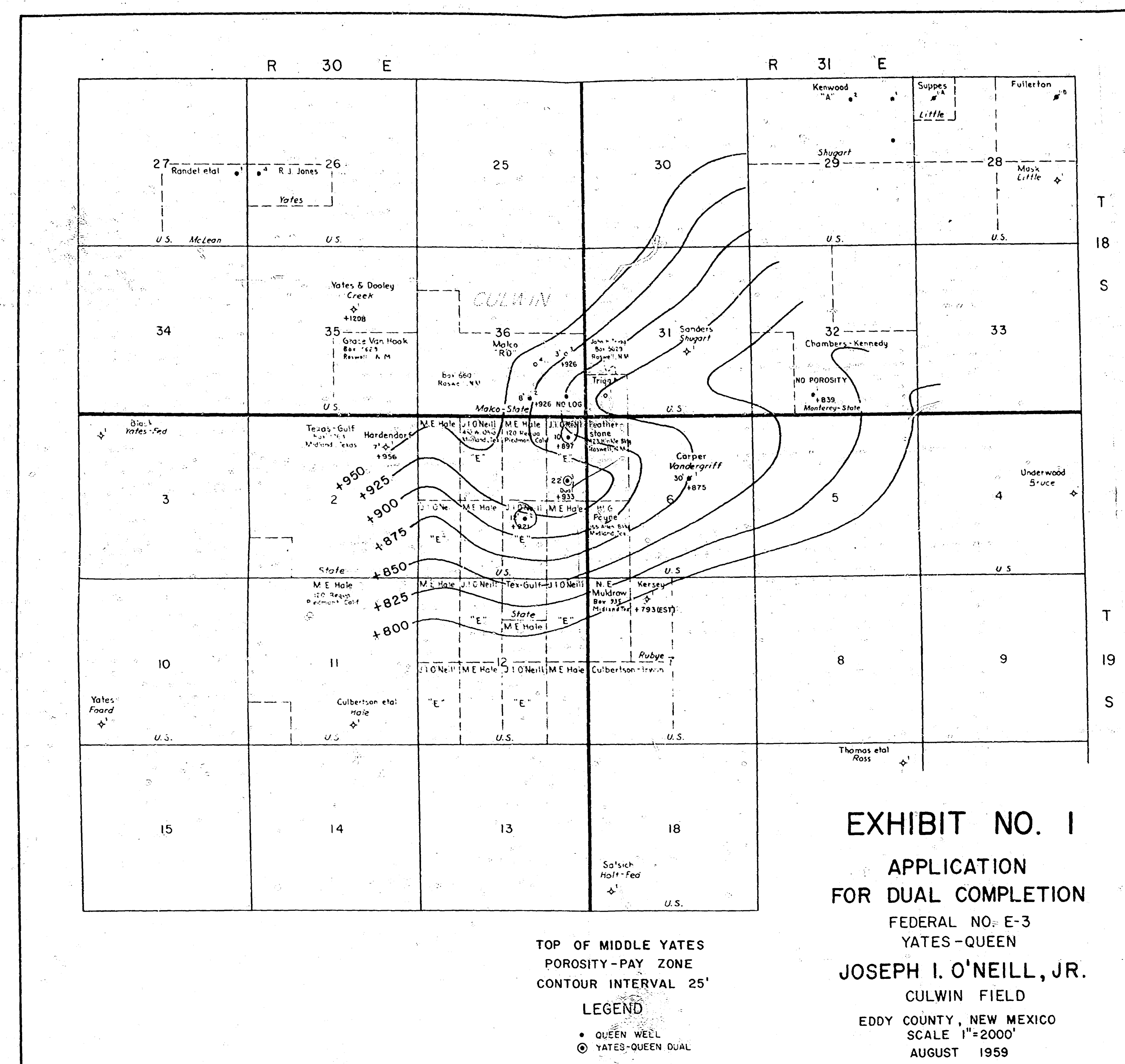


Case No.

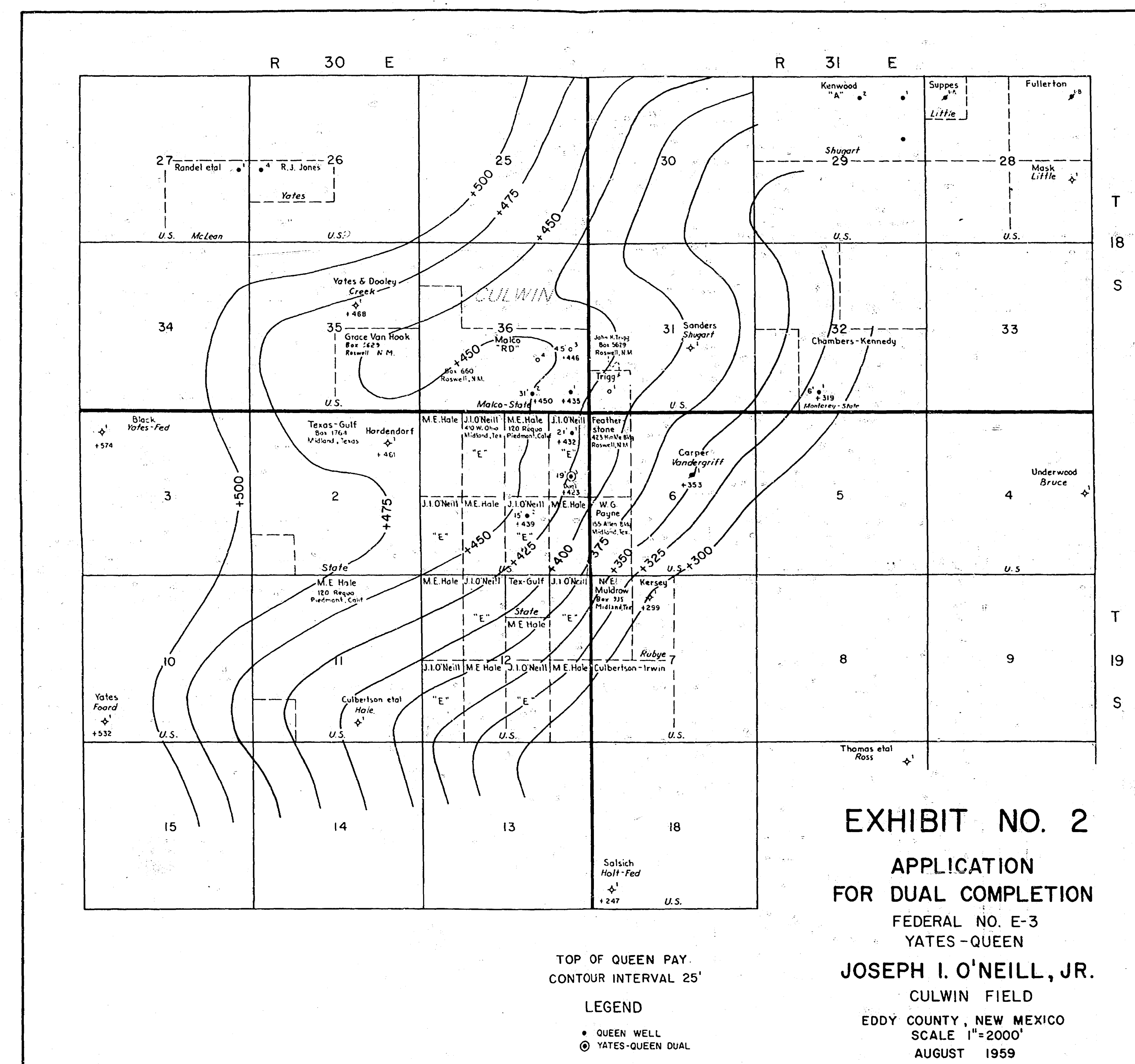
1753

Large Exhibits





Case 1753

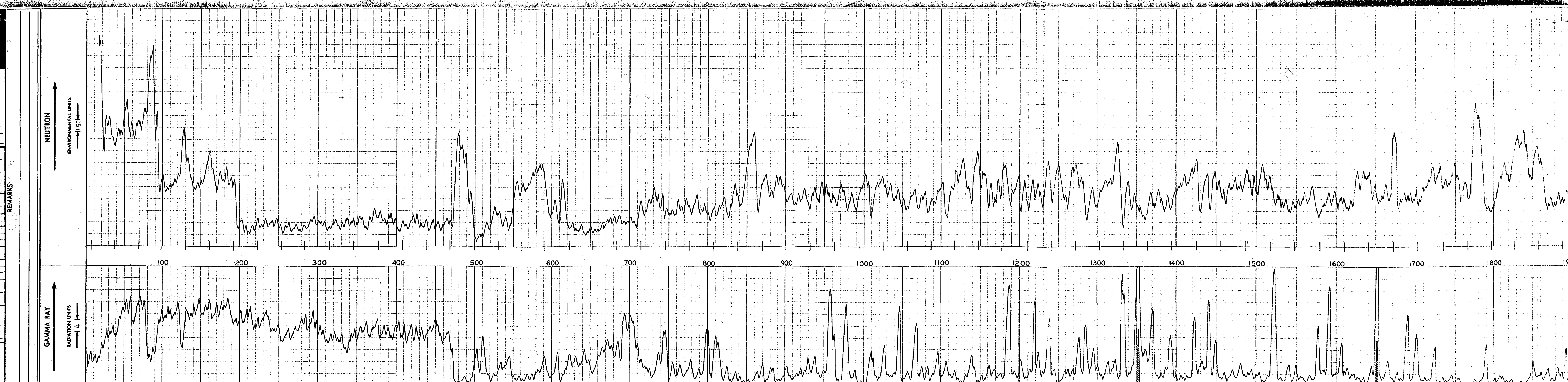


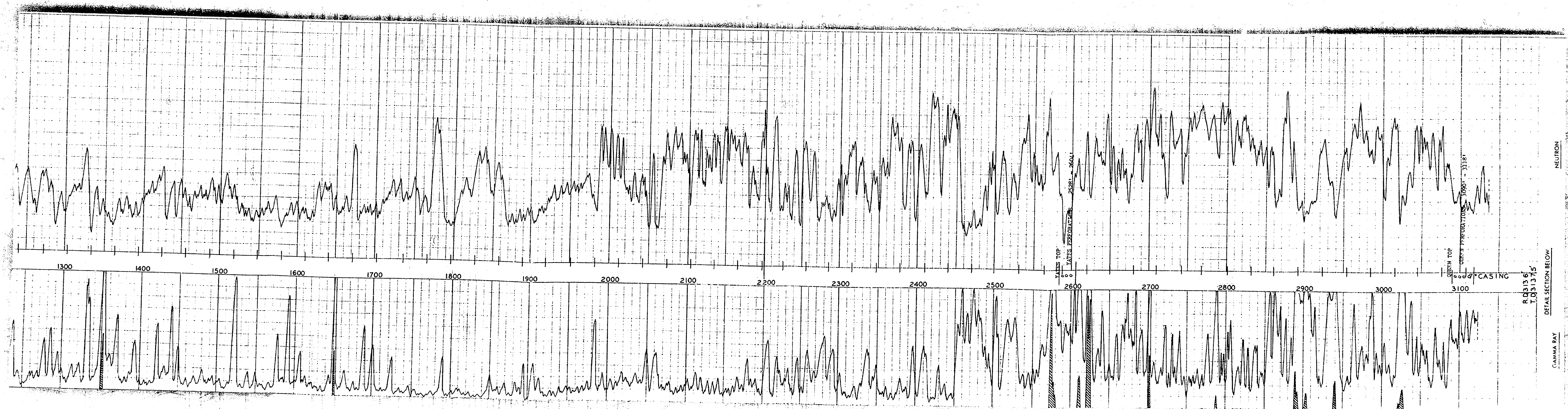
THE WESTERN COMPANY
GAMMATRON
Simultaneous Radioactivity Log

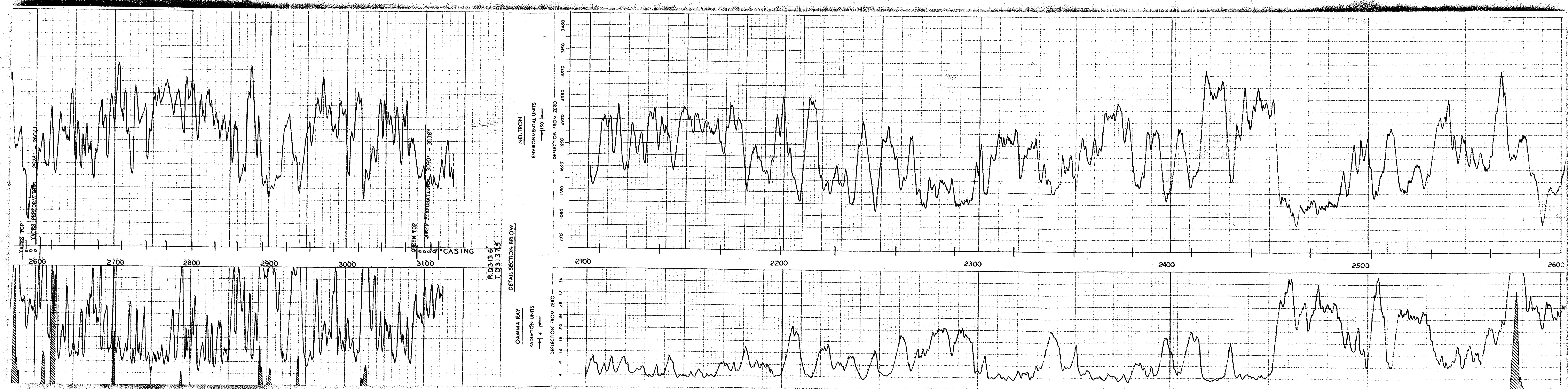
COMPANY: JOSEPH J. D'NEILL
 WELL: FEDERAL # 3
 FIELD: CULMIN *Case 1753*
 COUNTY: EDDY STATE: N.MEX.
 LOCATION: 1580' FNL & 660' FEL
 SEC. 1: 1-15-S, R-30-E
 LOG NO. 75938
 LOG MEAS. FROM: CABLE TOOL FLOOR ELEV. 3511
 DRIG. MEAS. FROM: ELEV.
 PERM. DATUM: GROUND LEVEL ELEV. 3508

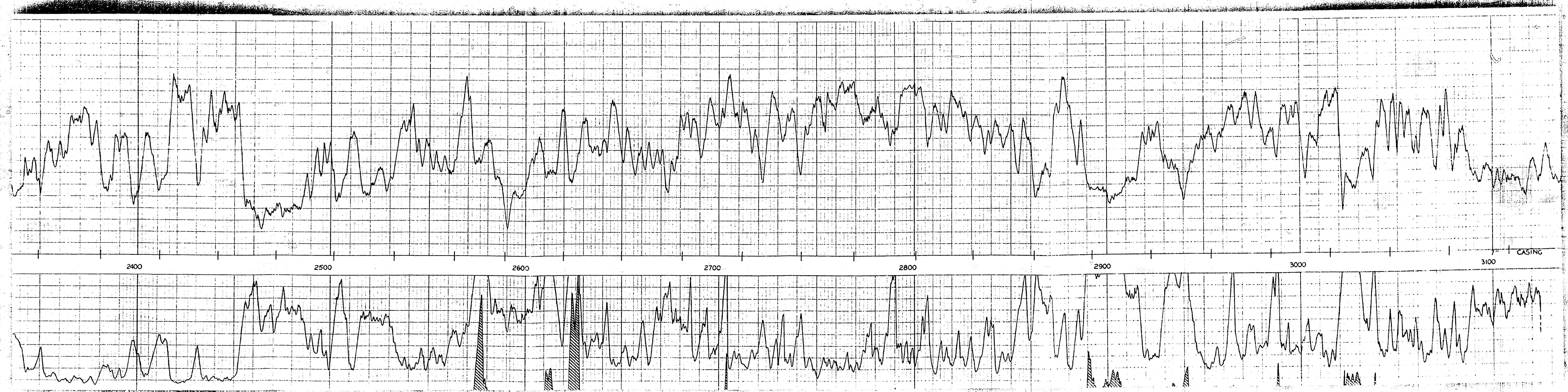
TYPE OF LOG: 1-2-3
 RUN NO.: 1-2-3
 DATE: 7-23-59
 TOTAL DEPTH (DRILLER): 1517
 EFFECTIVE DEPTH (DRILLER): 1517
 EFFECTIVE DEPTH (WESTERN): 1517.5
 TOP OF LOGGED INTERVAL: SURF
 BOTTOM OF LOGGED INTERVAL: 1517.5
 TYPE OF FLUID IN HOLE: WATER
 FLUID LEVEL: FULL
 SOURCE STRENGTH & TYPE: SCINT. 15.5
 DETECTOR CLASS: DGL1
 DETECTOR TYPE: DGL1
 DETECTOR LENGTH: 3 5/8
 O.D. OF INSTRUMENT: 2.0
 TIME CONSTANT: 30
 LOGGING SPEED: 100
 STATISTICAL VARIATION: RECORDED
 SENSITIVITY REFERENCE: RECORDED
 RECORDED BY: KIRBALL
 WITNESSED BY: JMS, PG/DULLOUGH

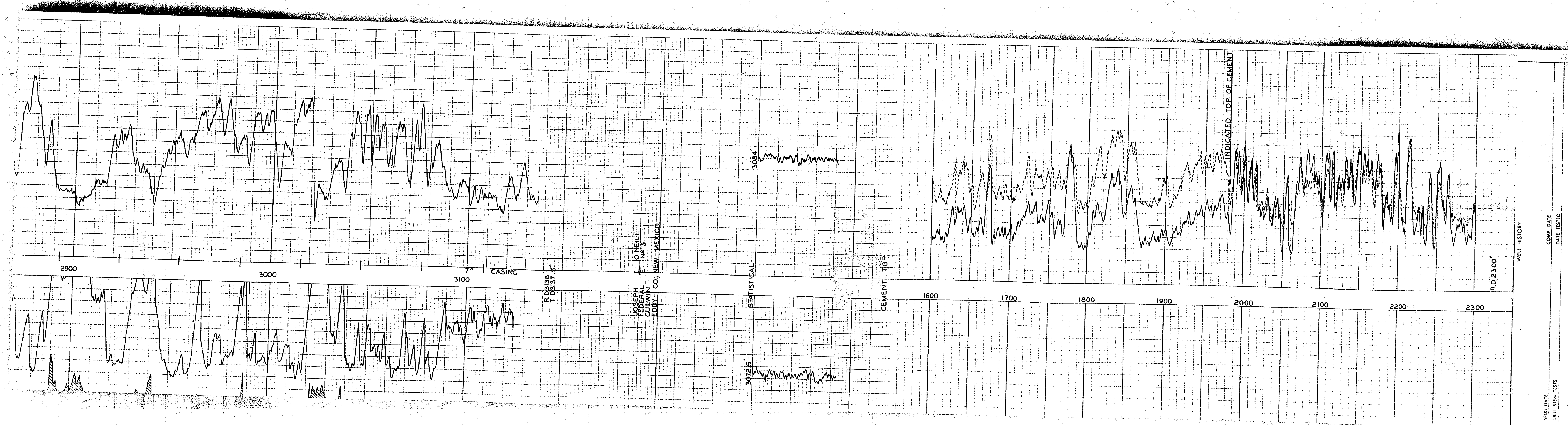
BIT SIZE: 7"
 CASING: 20"
 WT. LB.: 20
 FROM WELL RECORD: SURF TO 1517.5
 INTERVAL: 1517.5 TO 1517.5
 FROM RA LOG: TO TO











R.03136
R.03137

T. 03/37.5.

JOSEPH
FEDERAL
CULWIN
EDDY

JOSEPH
FEDERAL

CULWIN
EDDY CO., N

STATISTICAL

CEMENT TOP

INDICATED TOP OF CEMENT

R.D. 2300'

WELL HISTORY

SPUD DATE	COMP. DATE
09/11/84	09/11/84

COMP. DATE _____
DATE TESTED _____

SPUD DATE

CASINO RECORD

MEMORATING RECORD

TREATMENT

INITIAL POTENTIAL

GAS OIL RATIO

100% PROTECTION

TOPS

REMARKS:

GRAVITY

Joseph I. O'Neill, Jr.
Federal "E" No. 2

Joseph I. O'Neill, Jr.
Federal "E" No. 3

Joseph I. O'Neill, Jr.
Federal "E" No. 1

Malco Ref. Inc.
State "RD" No. 2

Malco Ref. Inc.
State "RD" No. 3

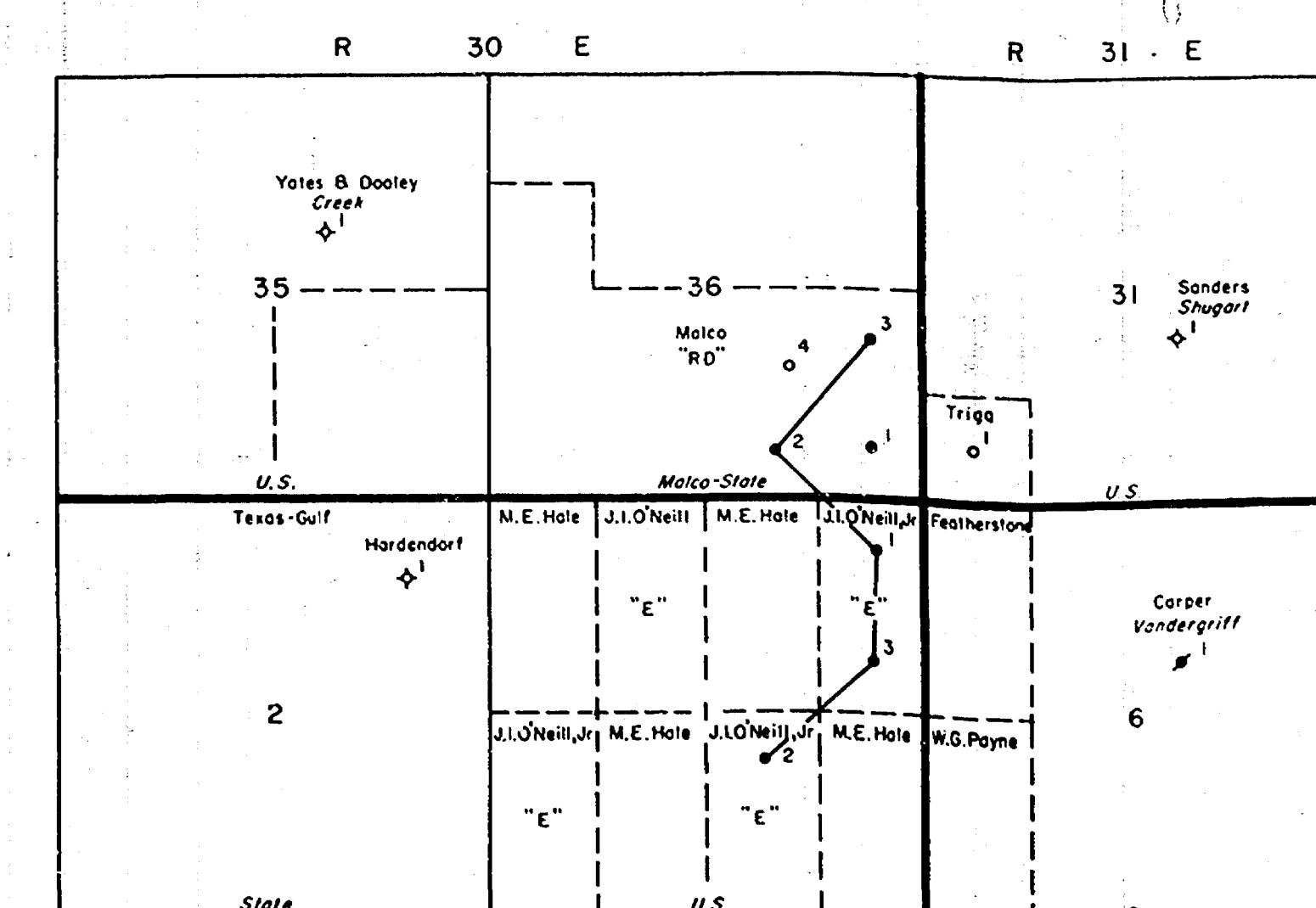
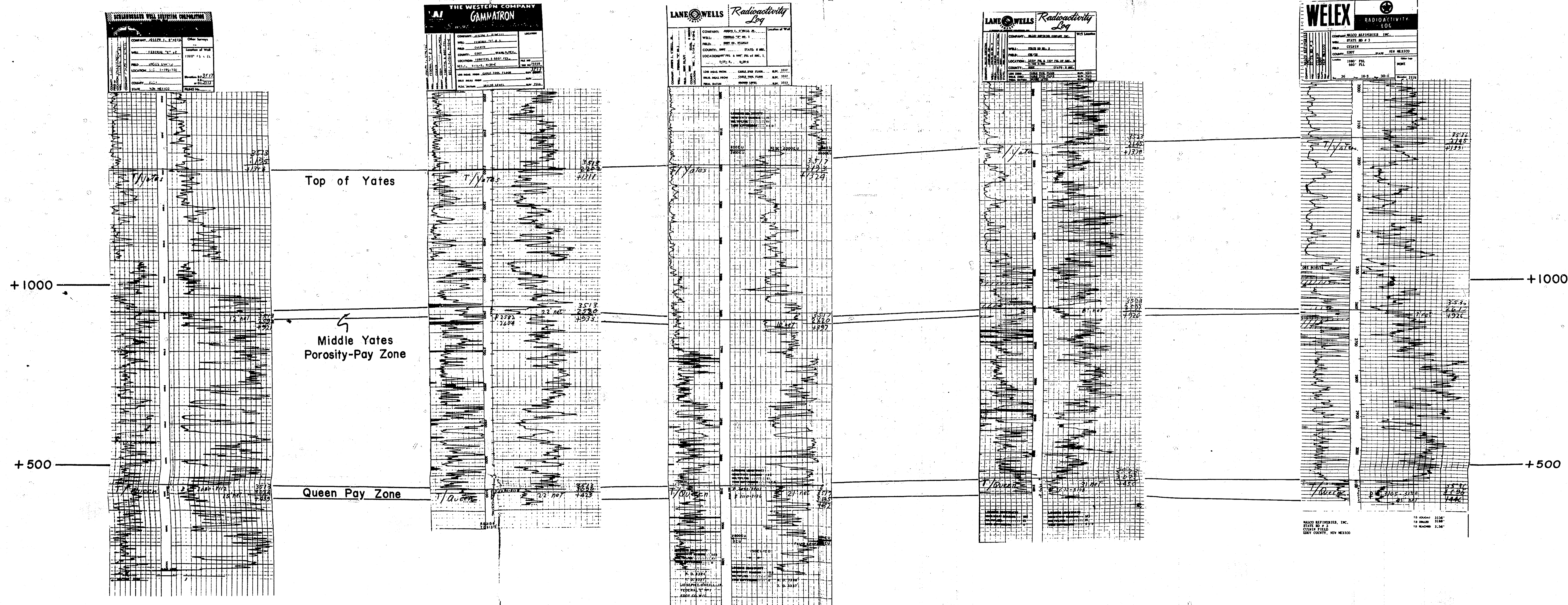


EXHIBIT NO. 3

APPLICATION
FOR DUAL COMPLETION

JOSEPH I. O'NEILL, JR.
CULWIN FIELD
EDDY COUNTY, NEV. EXICO
SCALE VERTICAL 1"=100'
HORIZONTAL 1"=200'
AUGUST 1959
GEOLOGY BY N. R. ROUSSELOT