



RADIOACTIVITY LOG
WELEX JET SERVICES, Inc.

FILE NO.

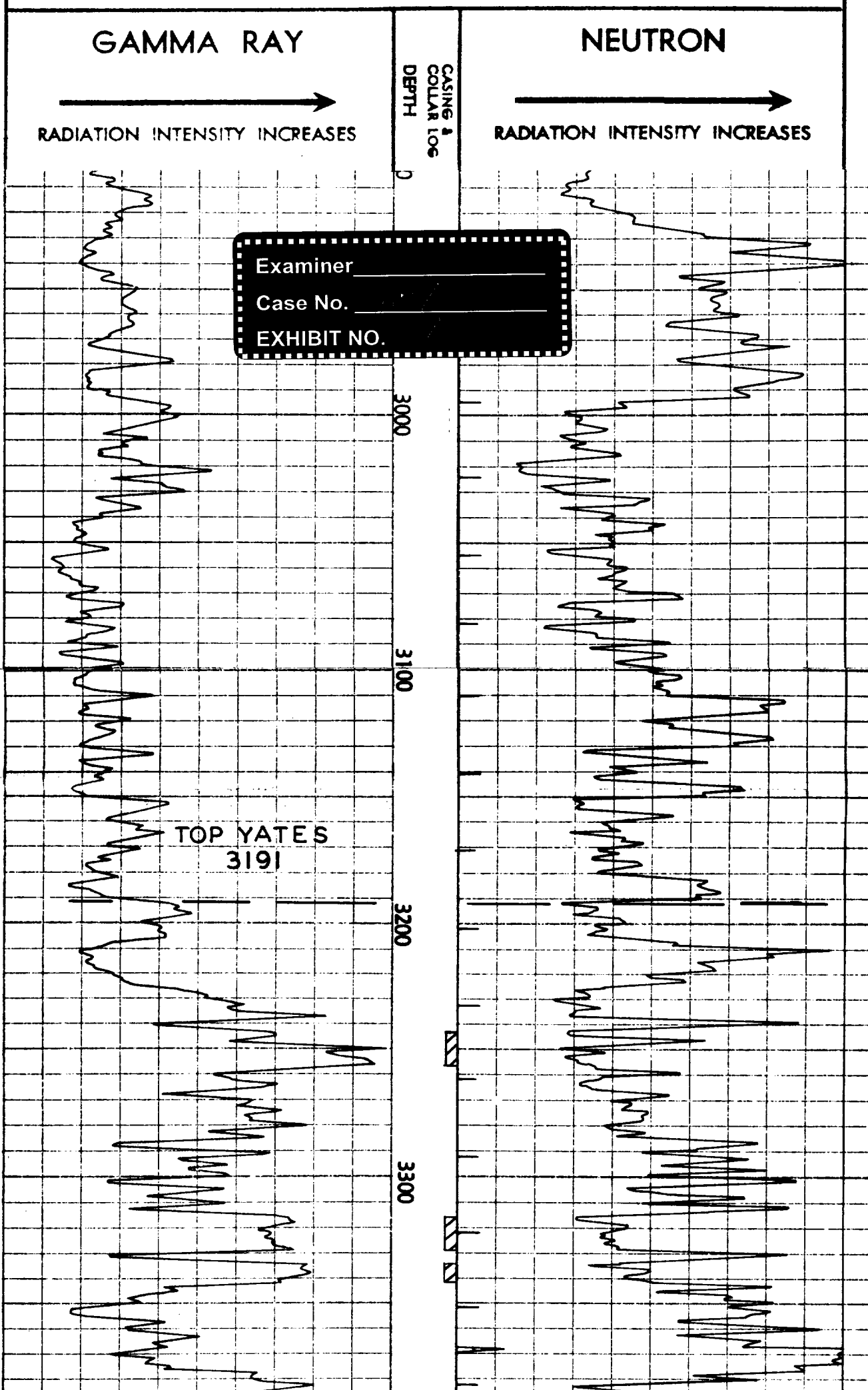
Location of Well	COMPANY	CITIES SERVICE OIL COMPANY	
	WELL	STATE "D" # 3	
	FIELD	JAL MAT	NEW
	COUNTY	LEA	STATE MEXICO
	LOCATION	NE/4 OF NE/4 SECTION 3-21-36	
LOG MEAS. FROM	GROUND LEVEL	ELEV.	3605
DRILG. MEAS. FROM		ELEV.	
PERM. DATUM	GROUND LEVEL	ELEV.	

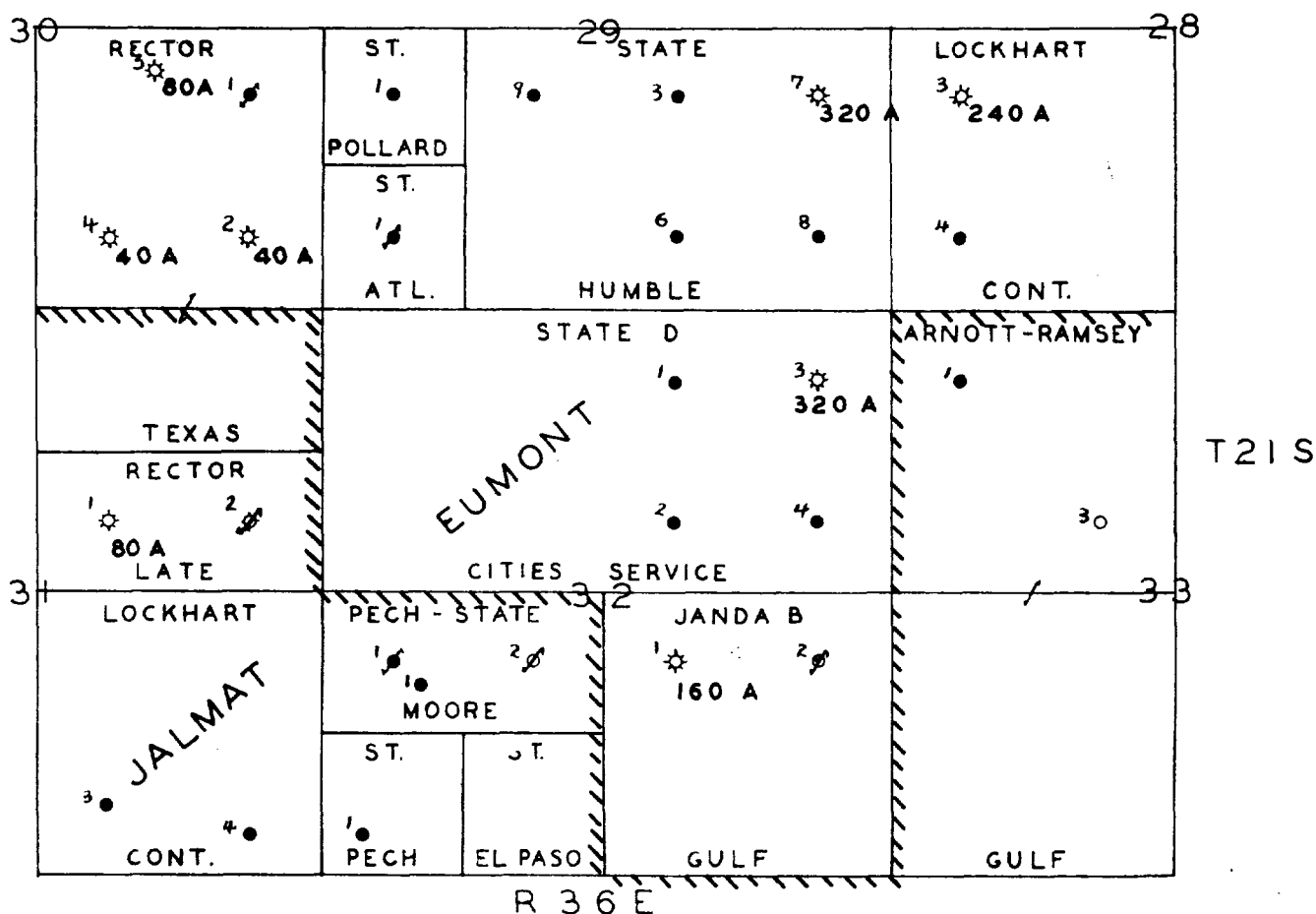
COMPANY	CITIES SERVICE OIL COMPANY
WELL	STATE "D" # 3
FIELD	JAL MAT
COUNTY	LEA
LOCATION	NE/4 OF NE/4 SECTION 3-21-36
STATE	MEXICO

TYPE OF LOG	GAMMA RAY	NEUTRON
RUN NO.	1	1
DATE	11-9-55	11-9-55
JOB NO.	270-465 &	496-683
TOTAL DEPTH (DRILLER)	3869	3869
EFFECTIVE DEPTH (DRILLER)	3853	3853
TOTAL DEPTH (R/A LOG)	3853	3853
TOP OF LOGGED INTERVAL	100	100
BOTTOM OF LOGGED INTERVAL	3842	3851
TYPE OF FLUID IN HOLE	OIL	OIL
FLUID LEVEL	1060	1060
MAXIMUM RECORDED TEMPERATURE		600H
NEUTRON SOURCE STRENGTH & TYPE		3.75
SOURCE SPACING—IN.		9.1
LENGTH OF MEASURING DEVICE—IN.	30	3 5/8
O.D. OF INSTRUMENT—IN.	3 5/8	3.4
TIME CONSTANT—SECONDS	3.9	20-40
LOGGING SPEED FT./MIN.	2" 20-40	20
	5" 20	
STATISTICAL VARIATION—IN.		
SENSITIVITY REFERENCE	274	275
RECORDED BY	DEWARS	DEWARS
WITNESSED BY		

CASING RECORD			BORE HOLE		
	INTERVAL			INTERVAL	
SIZE—INS. WT.—LB.	FROM WELL RECORD	FROM R/A LOG	BIT SIZE INS.	FROM WELL RECORD	FROM R/A LOG
5 1/2	SURF To 3796	To	4 3/4	3796 To 3853	To
	To	To		To	To
	To	To		To	To
	To	To		To	To

REMARKS OR OTHER DATA
C209 NEUTRON CHAMBER USED
SENSITIVITY SHOWN IS BOTTLE SENSITIVITY
ZERO - 4" ABOVE CONCRETE CELLAR FLOOR

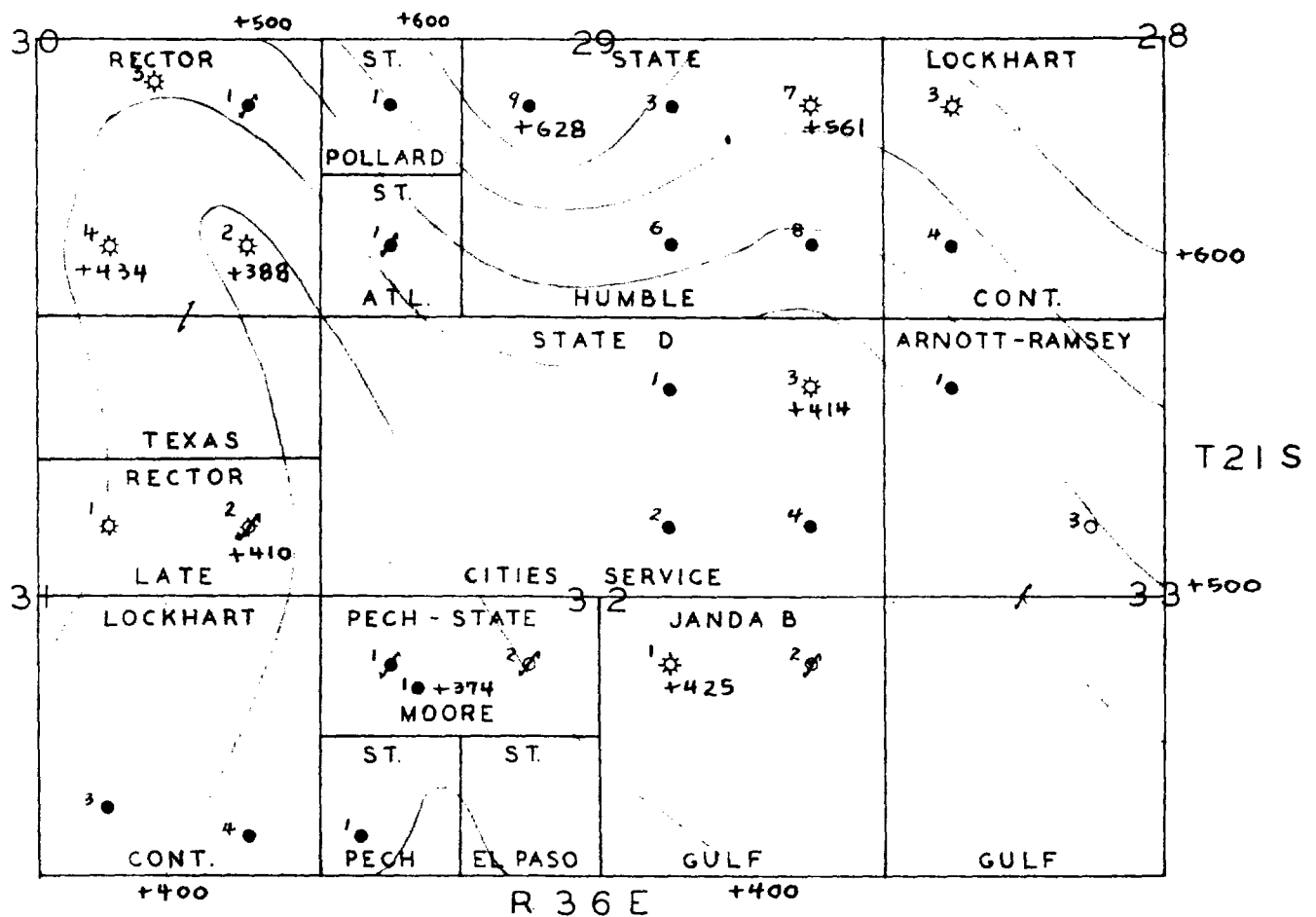




PLAT TO ACCOMPANY APPLICATION FOR
320 ACRE NON-STANDARD GAS PRORATION
UNIT FOR CITIES SERVICE STATE "D"
NO. 3, EUMONT GAS POOL, LEA COUNTY,
NEW MEXICO

BEFORE THE
OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

EXHIBIT No. 2
CASE 787



PLAT OF STATE "D" AREA CONTOURED
ON TOP OF YATES CONTOUR INTERVAL =
50'

THIS PLAT IS TO ACCOMPANY APPLICATION
OF CITIES SERVICE OIL COMPANY FOR
ASSIGNMENT OF A 320 ACRE NON-STANDARD
GAS PRORATION UNIT TO THE STATE D #3,
SECTION 32-21S-36E, EUMONT GAS POOL,
LEA COUNTY, NEW MEXICO.

BEFORE THE
OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO
EXHIBIT No. 3
CASE 987