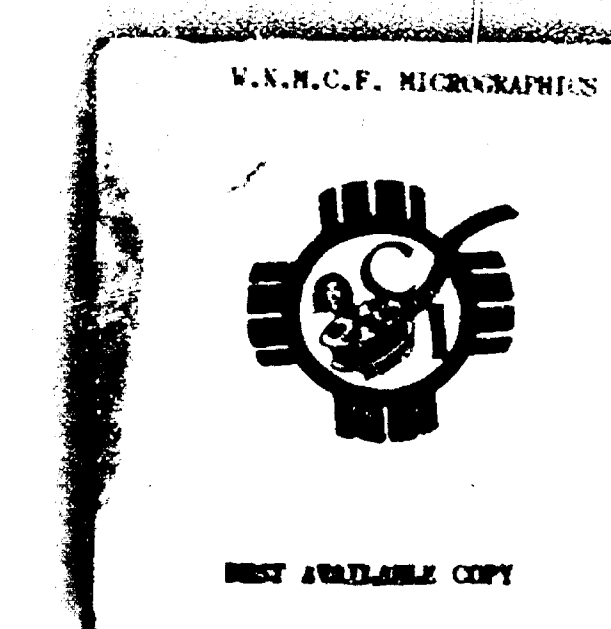


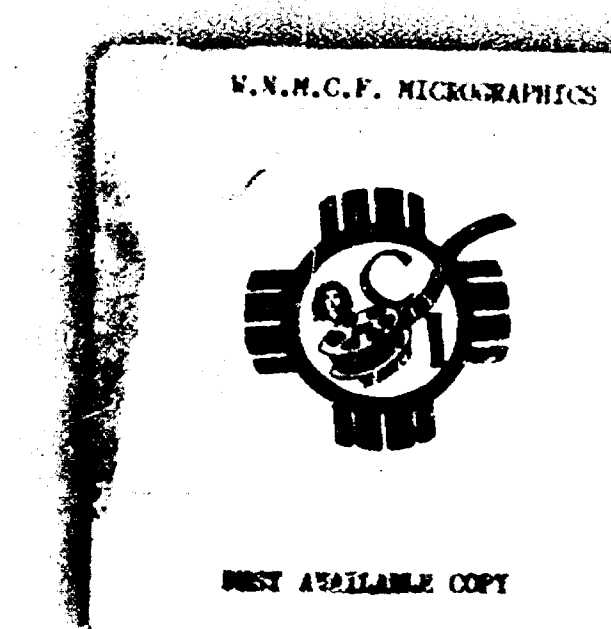
Case No.

2837

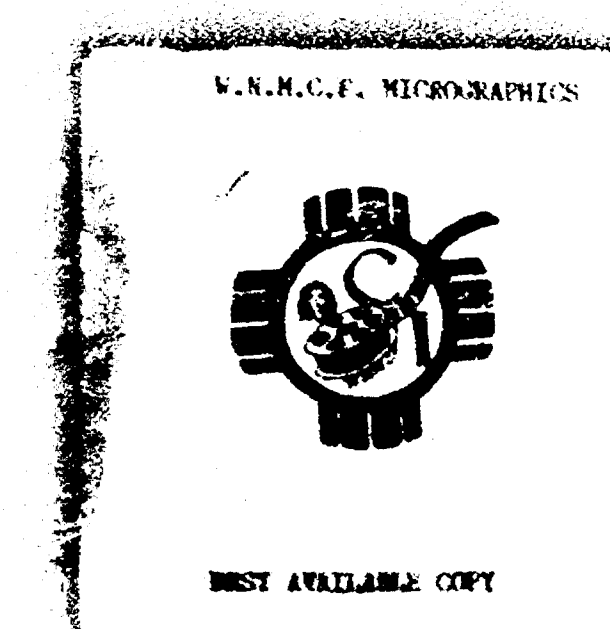
Large Exhibits

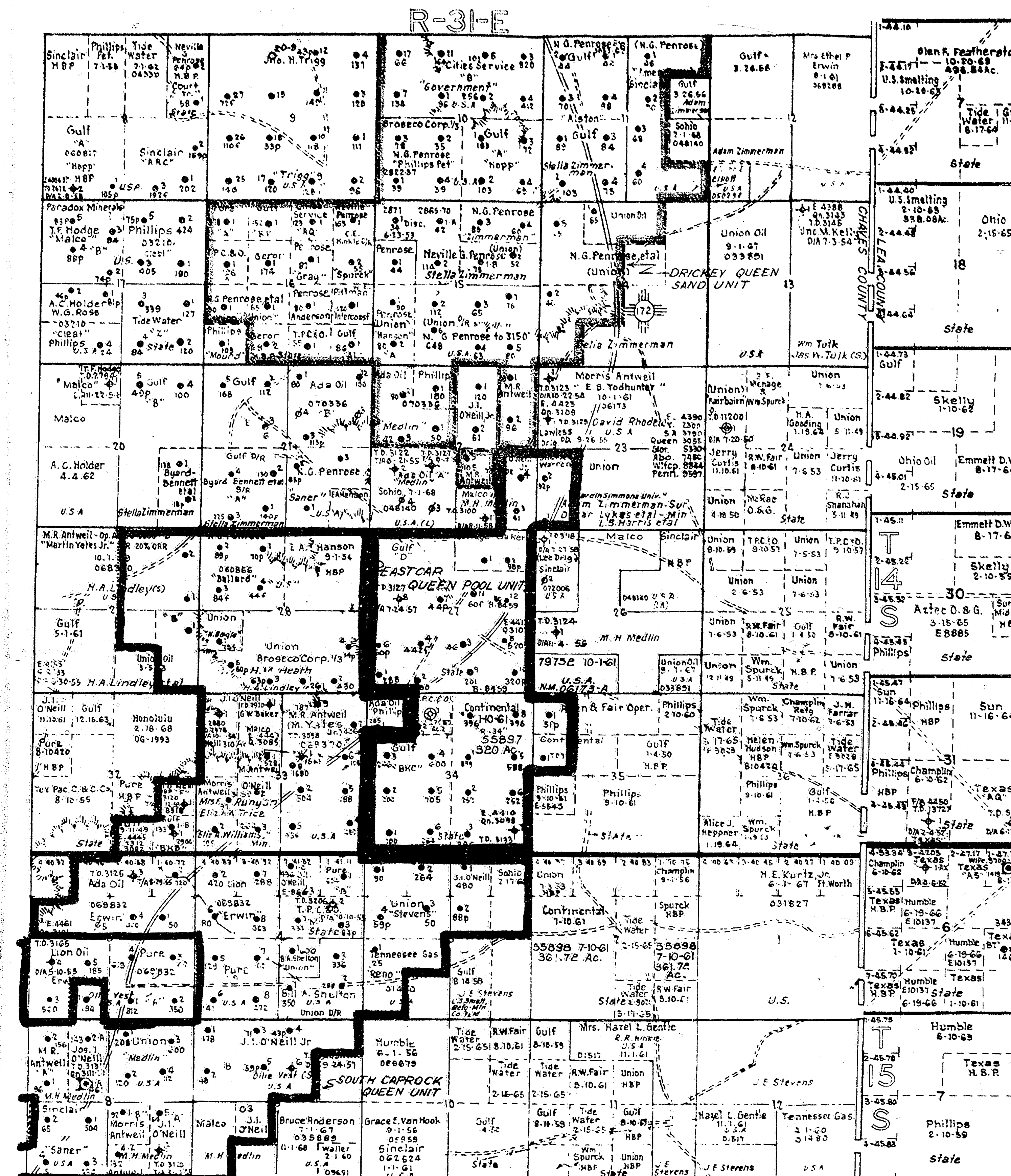


RADIOACTIVITY LOG WELEX JET SERVICES, Inc.			
Location of Well		FILE NO.	
COMPANY	CONTINENTAL OIL COMPANY	WELL	CONTINENTAL OIL COMPANY
STATE	STATE N. N. NO. 1	COUNTY	STATE N. N. NO. 1
FIELD	CAMPBELL QUINN	COUNTY	STATE N. N. NO. 1
COUNTY	LEA	STATE	STATE N. N. NO. 1
LOCATION	6-01 P.M. & 1901 P.M. OF SEC.	STATE	STATE N. N. NO. 1
	N. 7 - 11, R. - 11.	STATE	STATE N. N. NO. 1
LOG MEAS. FROM 1' ABOVE SURFACE		ELEV. 4425'	
DRUG MEAS. FROM KELLY BUSHING		ELEV. 4425'	
PERM. DATUM		GROUND LEVEL	
TYPE OF LOG		GAMMA RAY	
DATE		6/28/56	
JOB NO.		411-455	
TOTAL DEPTH (DRILLER)		3110	
EFFECTIVE DEPTH (DRILLER)		3110	
TOTAL DEPTH (R/A LOG)		3110	
TOP OF LOGGED INTERVAL		300	
BOTTOM OF LOGGED INTERVAL		3109	
TYPE OF FLUID IN HOLE		OIL	
FLUID LEVEL		292	
MAXIMUM RECORDED TEMPERATURE		800 N	
NEUTRON SOURCE STRENGTH & TYPE		3.75	
SOURCE SPACING-IN.		30	
LENGTH OF MEASURING DEVICE-IN.		2 5/8	
O.D. OF INSTRUMENT-IN.		2 5/8	
TIME CONSTANT-SECONDS		20-40	
LOGGING SPEED FT./MIN.		20	
STATISTICAL VARIATION-IN.		0.45	
SENSITIVITY REFERENCE		275	
RECORDED BY		H. WARD	
WITNESSED BY		M. STEVENSON	
CASING RECORD		BORE HOLE	
FROM 0' TO 3110'		FROM 0' TO 3110'	
7 7/8" 0' TO 3110'		7 7/8" 0' TO 3110'	
1 1/2" 0' TO 3110'		1 1/2" 0' TO 3110'	
REMARKS OR OTHER DATA		REMARKS OR OTHER DATA	
GAMMA RAY		NEUTRON	
RADIATION INTENSITY INCREASES		RADIATION INTENSITY INCREASES	
100 C.P.M.		100 C.P.M.	
0 - 2,400		0 - 16,200	
4.0"		4.5"	
TOP OF ARTESIAN QUEEN RED SAND		TOP OF ARTESIAN QUEEN RED SAND	
4 1/2"		4 1/2"	
BASE OF ARTESIAN QUEEN RED SAND		BASE OF ARTESIAN QUEEN RED SAND	
R.D. - 3109'		R.D. - 3109'	
T.D. - 3111'		T.D. - 3111'	



RADIOACTIVITY LOG WELEX JET SERVICES, Inc.			
Location of Well		FILE NO.	
COMPANY	CONTINENTAL OIL COMPANY	WELL	STATE R - 34 No. 4
WELL	STATE R - 34 No. 4	COUNTY	12A
FIELD	CAPROCK QUEEN	STATE	NEW MEXICO
COUNTY	12A	LOCATION	660' PNL & 1980' PNL OF SEC.
LOCATION	660' PNL & 1980' PNL OF SEC.		
LOG MEAS. FROM	1' ABOVE ROTARY TABLE	ELEV. 4426'	
DEPT. MEAS. FROM	KELLY HUSKINS	ELEV. 4426'	
PERM. DATUM	GROUND LEVEL	ELEV. 4415'	
TYPE OF LOG		GAMMA RAY	
RUN NO.		1	
DATE		6/29/55	
JOB NO.		441-85	
TOTAL DEPTH (DRILLER)		3110	
EFFECTIVE DEPTH (DRILLER)		3110	
TOTAL DEPTH (R/A LOG)		3111	
TOP OF LOGGED INTERVAL		300	
BOTTOM OF LOGGED INTERVAL		3109	
TYPE OF FLUID IN HOLE		OIL	
FLUID LEVEL		292	
MAXIMUM RECORDED TEMPERATURE		800 N	
NEUTRON SOURCE STRENGTH & TYPE		3.75	
SOURCE SPACING-IN.		20	
LENGTH OF MEASURING DEVICE-IN.		2 5/8	
O.D. OF INSTRUMENT-IN.		2 5/8	
TIME CONSTANT-SECONDS		10.0	
LOGGING SPEED FT./MIN.		20-40	
STATISTICAL VARIATION-IN.		0.45	
SENSITIVITY REFERENCE		275	
RECORDED BY		HOWARD	
WITNESSED BY		W. STEVENSON	
CASINO RECORD		BORE HOLE	
INTERVAL		INTERVAL	
SIZE-NO. WIRE	FROM	SIZE-NO. WIRE	FROM
1 5/8	0 TO 3083'	3 7/8	0 TO 3111'
1 1/2	0 TO 3083'	3 7/8	0 TO 3111'
	TO		TO
	TO		TO
REMARKS OR OTHER DATA			
DERIVATION FLOOR ELEVATION: - 1020'			
GAMMA RAY		NEUTRON	
RADIATION INTENSITY INCREASES		RADIATION INTENSITY INCREASES	
180 C.P.M.		1800 P.M.	
2.400		16.200	
4.0		4.5	
TOP OF ARTESIA QUEEN RED SAND		TOP OF ARTESIA QUEEN RED SAND	
4 1/2		4 1/2	
BASE OF ARTESIA QUEEN RED SAND		BASE OF ARTESIA QUEEN RED SAND	
180 C.P.M.		1800 P.M.	
2.400		16.200	
4.0		4.5	
R.D. - 3109'		R.D. - 3109'	
		T.D. - 3111'	



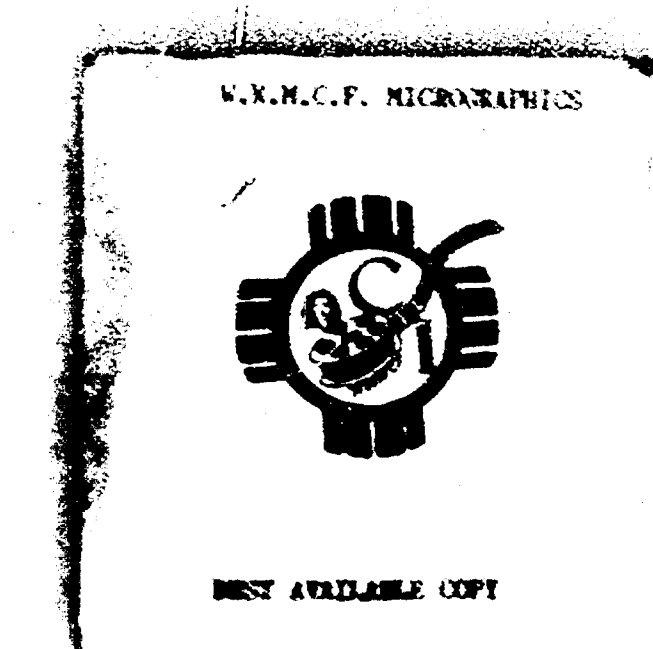


CONTINENTAL OIL COMPANY
PRODUCTION DEPARTMENT
CARROCK QUEEN FIELD AREA
GRANT COUNTY, NEW MEXICO

LEASE PLAT

EAST QUEEN POOL UNIT BOUNDARY

SCALE: 1" = 2000'



RADIOACTIVITY LOG
WELEX JET SERVICES, Inc.

Location of Well: COMPANY CONTINENTAL OIL COMPANY
WELL STATE R - M. NO. 4
FIELD CAIROCK CURRY
COUNTY IKA STATE TEXAS
LOCATION 6601 PUL & 12801 FEL OF SEC.
M, T - M, R - 31.

LOG MEAS. FROM 1' ABOVE ROTARY TABLE ELEV. 11185'
DREG. MEAS. FROM KELLY BUSHING ELEV. 11185'
PERM. DATUM GROUND LEVEL ELEV. 1115'

TYPE OF LOG	GAMMA RAY	NEUTRON
RUN NO.	1	1
DATE	5/28/55	5/28/55
JOB NO.	111-405	111-405
TOTAL DEPTH (DRILLER)	3110	3110
EFFECTIVE DEPTH (DRILLER)	3110	3110
TOTAL DEPTH (R/A LOG)	3111	3111
TOP OF LOGGED INTERVAL	300	300
SECTION OF LOGGED INTERVAL	3109	3109
TYPE OF FLUID IN HOLE	OIL	OIL
FLUID LEVEL	292	292
MAXIMUM RECORDED TEMPERATURE		800.0
NEUTRON SOURCE STRENGTH & TYPE		3.75
SOURCE SPACING-IN.	30	10
LENGTH OF MEASURING DEVICE-IN.	2 5/8	2 5/8
O.D. OF INSTRUMENT-IN.	10.0	2.0
TIME CONSTANT-SECONDS	20-40	20-40
LOGGING SPEED FT./MIN.	5	20
STATISTICAL VARIATION-IN.	0.45	0.25
SENSITIVITY REFERENCE	275	275
RECORDED BY	HOWARD	HOWARD
WITNESSED BY	MS. STEVENSON	

CASING RECORD		BORE HOLE	
DATE	WELL RECORD	DATE	WELL RECORD
7 5/8	0 to 3121'	7 7/8	0 to 3111'
5 1/2	0 to 3083'	7 7/8	0 to 3111'
	to 3111'		to 3111'
	to 3111'		to 3111'

DERIVATION OF DATA: REMAINS OR OTHER DATA

GAMMA RAY

RADIATION INTENSITY INCREASES

180 CPM

0 - 2.400

4.0

NEUTRON

RADIATION INTENSITY INCREASES

180 CPM

0 - 16.200

4.5

TOP OF ARTESIAN QUEEN RED SAND

4 1/2'

BASE OF ARTESIAN QUEEN RED SAND

180 CPM

0 - 2.400

4.0

0 - 16.200

4.5

BEFORE EXAMINER NUTTER

R.D. 3109

CASE NO. 2597

R.D. 3109

T.O. 3111

