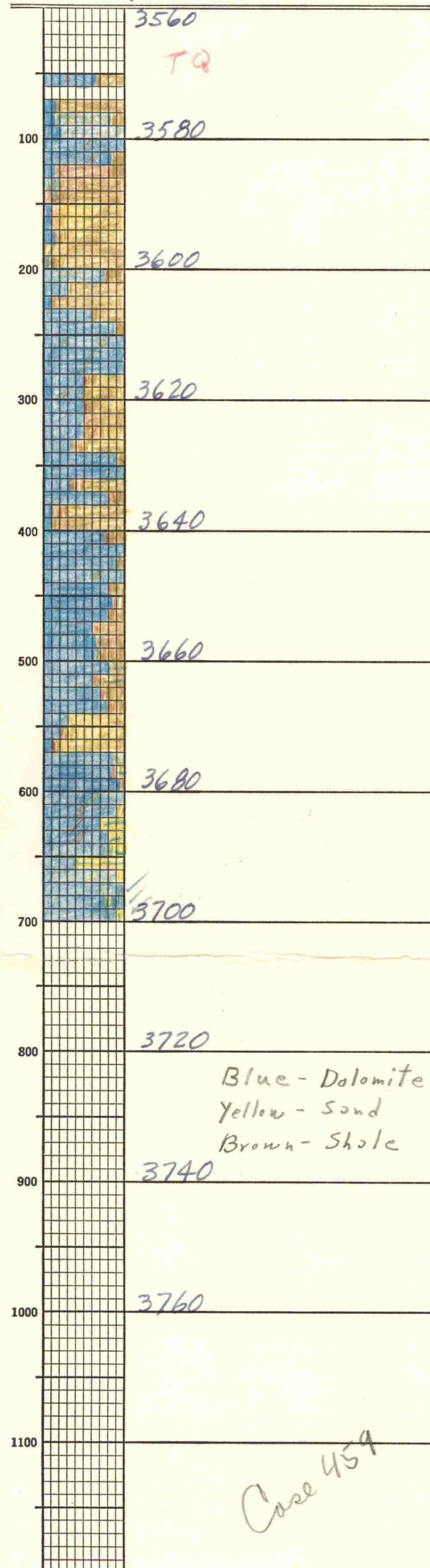


STATE H.M.	COUNTY Lea																	
BLOCK	SURVEY																	
SEC. 31																		
TWP. 24S	RGE. 38E																	
<table><tr><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr></table>																	COMMENCED	COMPLETED
	T. D.	TOOLS																
	CASING RECORD																	
	LOGGED	BY																
WELL NO. 2-R	REMARKS																	
LEASE Elliott - H																		
COMPANY Elliott Hall																		
ELEV.																		
PROD.																		



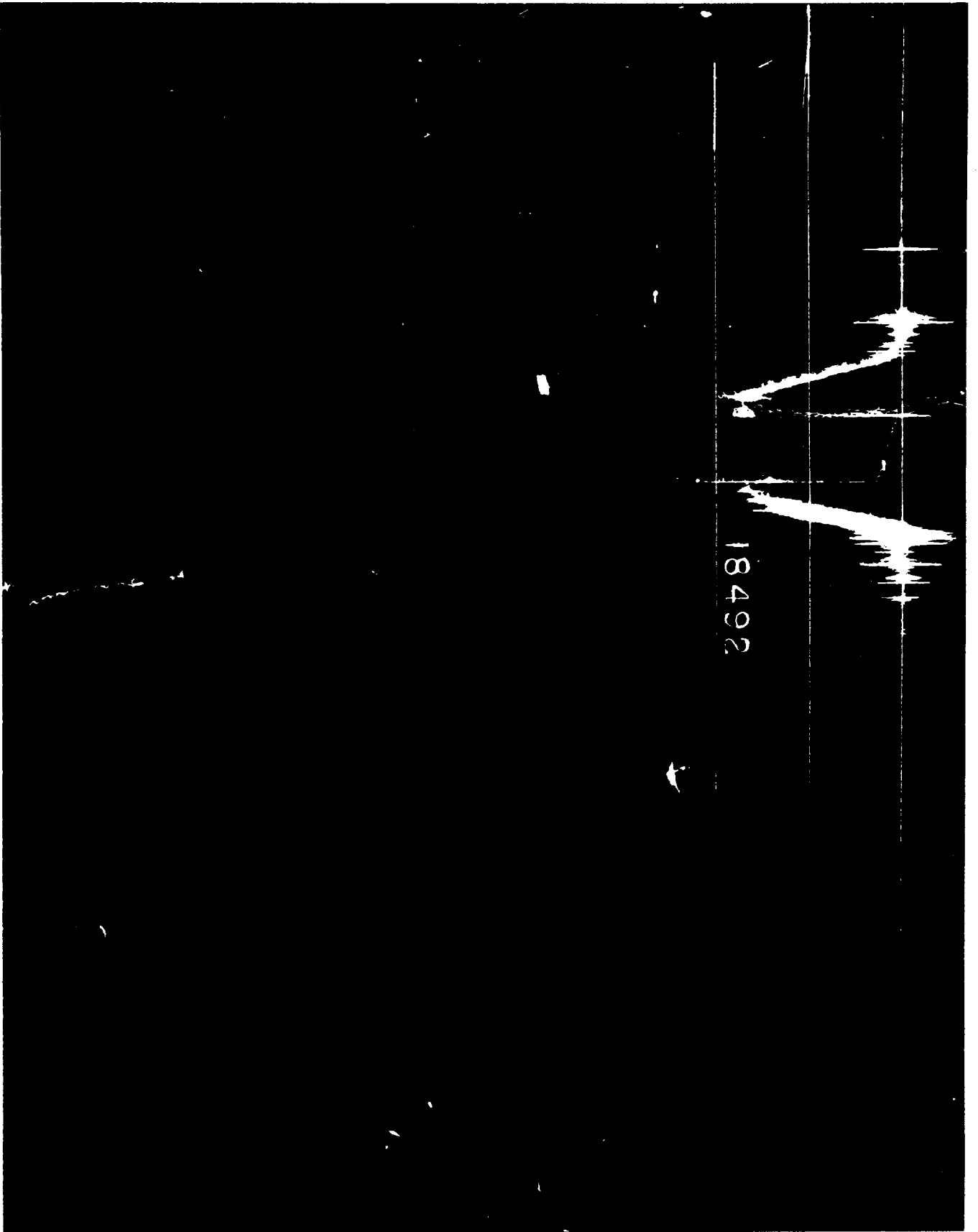
LOCATION		West Dollarhide		Date		12-23-51	
FIELD		Lea		Ticket No.		18492	
COUNTY		New Mexico		HOWCO District		Hobbs	
STATE		Two States Drlg. Co.		Kind of Job		Open Hole	
CONTRACTOR		Total Depth		Price		\$215.00	
MUD DATA		Top		Bottom		Second Packer Assembly	
Kind		Formation Tested		Queen Sands		Safety Joint	
Weight		lbs. gal.		Size Drill Pipe		Extra Folder Charge	
Viscosity		sec.		Size Bottom Choke		Shaffer Jars	
Filter Loss		in.		Size Tool Valve		6 1/4" x 472'	
Bt. P.R.D. No.		Blanked Off		Size Hook Wall Packer		4 1/2" Ex. Hole	
24		Hr. Clock No. 1598		Size D. E. Wall Packer		4 1/2" Ex. Hole	
Est. Gauge Depth Temp.		100		PRD Device No.		Total	
Pressure Readings		Field		Office Corrected		Witnessed By	
Initial Hydro Mud Pressure		1640		1696		F. D. Elliott	
Initial Flow Pres.		25		52		J. E. Carroll	
Tool Open		1 Hr.		oil & gas cut mud.		Tester	
Final Flow Pres.		165		189			
Time Closed In		15 Min.					
Closed in Pres.		280		269			
Final Hydro Mud Pressure		1640		1669		Rotary Table	
		Amount of Blanket		None		No. Folders Reproduced	
		All depths measured from				5	

PRESSURE

TIME

18492

Each Horizontal Line Equal to 1000 p.s.i.



LOCATION		Hole & Tool Data		Date	
FIELD		Hole & Tool Data		12-22-51	
COUNTY		Hole & Tool Data		Ticket No. 18006	
STATE		Hole & Tool Data		HOWCO District Hobbs	
CONTRACTOR		Hole & Tool Data		Kind of Job Open Hole	
MUD DATA		Hole & Tool Data		Price \$215.00	
Kind		Hole & Tool Data		Second Packer Assembly -	
Weight		Hole & Tool Data		Safety Joint \$ 25.00	
Viscosity		Hole & Tool Data		Extra Folder Charge -	
Filter Loss		Hole & Tool Data		Bowen Jars \$100.00	
Bt. P.R.D. No.		Hole & Tool Data		Total \$340.00	
Est. Gauge Depth Temp.		Hole & Tool Data		Witnessed By F. Elliott	
Pressure Readings		Hole & Tool Data		Tester F. W. Bridges	
Initial Hydro Mud Pressure		Hole & Tool Data		REMARKS:	
Initial Flow Pres.		Hole & Tool Data		Opened tool with good blow. Gas to surface in 18 minutes.	
Tool Open		Hole & Tool Data		Recovered 540' oil & gas cut mud.	
Final Flow Pres.		Hole & Tool Data		Amount of Blanket None	
Time Closed In		Hole & Tool Data		All depths measured from Rotary Table	
Closed in Pres.		Hole & Tool Data		No. Folders Reproduced 5	
Final Hydro Mud Pressure		Hole & Tool Data			

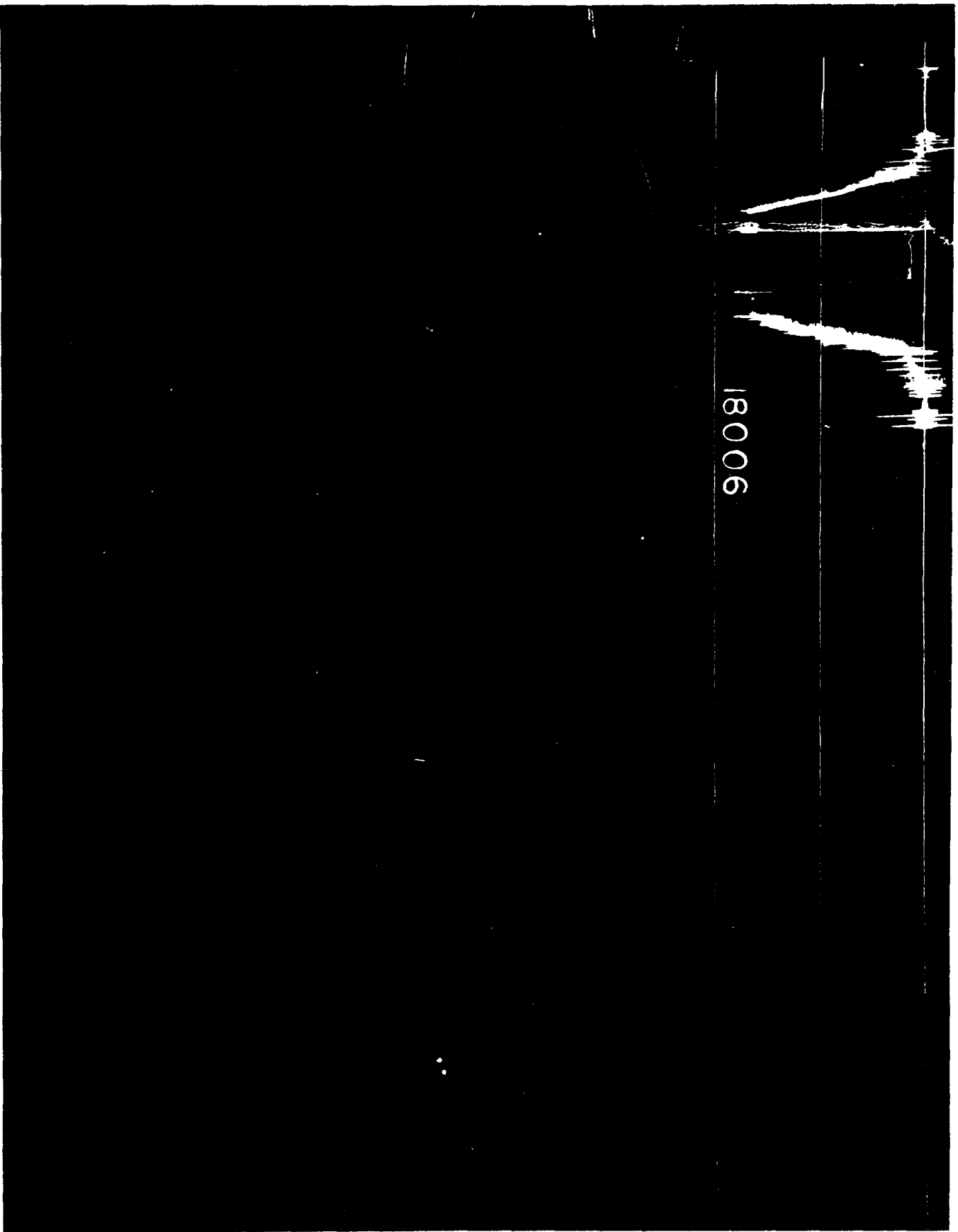


PRESSURE

TIME

18006

Each Horizontal Line Equal to 1000 p.s.i.



Elliott-Hall 54#2

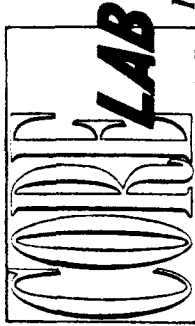
LANE RADIOACTIVITY LOG COMPANY WELLS

FILE NO.

Location of Well	COMPANY: ELLIOTT AND HALL		COMPANY: ELLIOTT AND HALL		
	WELL: FEDERAL ELLIOTT NO. 2-R		WELL: FEDERAL ELLIOTT NO. 2-R		
	FIELD: WEST DOLLARHIDE		FIELD: WEST DOLLARHIDE		
	COUNTY: LEA		COUNTY: LEA		
	STATE: N.M.		STATE: N.M.		
	LOCATION: 2310' FN & 660' FEL,		LOCATION: 2310' FN & 660' FEL,		
	SECTION 31, 24S, 38E, NMPM		SECTION 31, 24S, 38E, NMPM		
LOG MEAS. FROM	DERRICK FLOOR	ELEV. 3144'	LOG MEAS. FROM	DERRICK FLOOR	ELEV. 3144'
DRLG. MEAS. FROM	DERRICK FLOOR	ELEV. 3144'	DRLG. MEAS. FROM	DERRICK FLOOR	ELEV. 3144'
PERM. DATUM	5 1/2" BRADEN HEAD		PERM. DATUM	5 1/2" BRADEN HEAD	
ELEV. 3134.7'			ELEV. 3134.7'		
TYPE OF LOG	GAMMA RAY		TYPE OF LOG	NEUTRON	
RUN NO.	1 NW		RUN NO.	1 NW	
DATE	10-15-52		DATE	10-15-52	
TOTAL DEPTH (DRILLER)	STEAIN		TOTAL DEPTH (DRILLER)	STEAIN	
EFFECTIVE DEPTH (DRILLER)	3753'		EFFECTIVE DEPTH (DRILLER)	3753'	
TOP OF LOGGED INTERVAL	1400'		TOP OF LOGGED INTERVAL	1400'	
BOTTOM OF LOGGED INTERVAL	3750'		BOTTOM OF LOGGED INTERVAL	3750'	
TYPE OF FLUID IN HOLE	MUD"		TYPE OF FLUID IN HOLE	MUD"	
FLUID LEVEL	FULL		FLUID LEVEL	FULL	
MAXIMUM RECORDED TEMP.			MAXIMUM RECORDED TEMP.		
NEUTRON SOURCE STRENGTH & TYPE			NEUTRON SOURCE STRENGTH & TYPE		
SOURCE SPACING -- IN.			SOURCE SPACING -- IN.		
LENGTH OF MEASURING DEVICE -- IN.	36"		LENGTH OF MEASURING DEVICE -- IN.	36"	
O.D. OF INSTRUMENT -- IN.	3 5/8		O.D. OF INSTRUMENT -- IN.	3 5/8	
TIME CONSTANT -- SECONDS	4.0		TIME CONSTANT -- SECONDS	4.0	
LOGGING SPEED FT. MIN.	30-60		LOGGING SPEED FT. MIN.	30-60	
STATISTICAL VARIATION -- IN.			STATISTICAL VARIATION -- IN.		
SENSITIVITY REFERENCE	274		SENSITIVITY REFERENCE	275	
RECORDED BY	TAYLOR		RECORDED BY	TAYLOR	
WITNESSED BY	ELLIOTT		WITNESSED BY	ELLIOTT	

CASING RECORD

Petroleum Reservoir Engineering



FILE NO. VI-710 EC & S

DATE OFF 5-31-52

FORMATION AS NOTED

STATE NEW MEXICO DRLG. FLD. WATER BASE TUD

REMARKS	SAMPLED BY	CORE LABORATORIES, INC.	INC. 4-3/4"

Special Analysis

CORE REPORT

LIMESTONE

CONGLOMERATE

DOLOMITE

1001

[illegible]

PERMEABILITY, Maximum	MILLIDARCS	TOTAL WATER	PERCENT PORE SPACE
40	30	20	30
20	10	0	50
0	0	0	60
			40
			20

TOTAL WATER ○ ○ ○
PFRCENT PORE SPACE
30 50 40 20

LARGE FORMAT
EXHIBIT HAS
BEEN REMOVED
AND IS LOCATED
IN THE NEXT FILE

LARGE FORMAT
EXHIBIT HAS
BEEN REMOVED
AND IS LOCATED
IN THE NEXT FILE

LARGE FORMAT
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AND IS LOCATED
IN THE NEXT FILE