

Case No.

459

Large Exhibits

File # 441 5472

LANE RADIOACTIVITY LOG WELLS

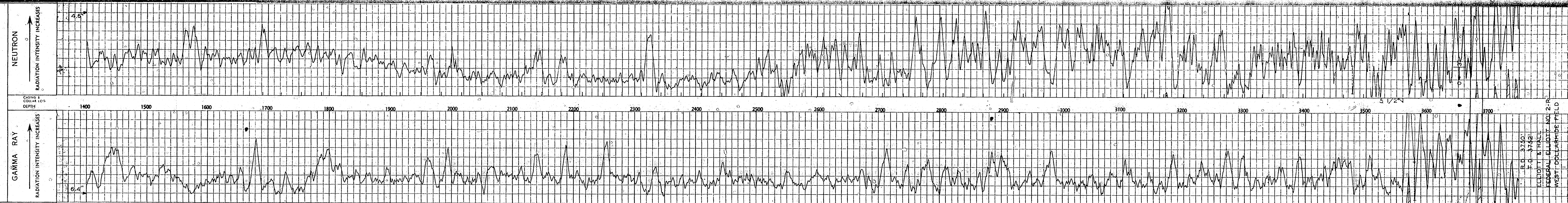
COMPANY V&X

Location of Well	COMPANY: ELLIOTT AND HALL WELL: FEDERAL ELLIOTT NO. 2-R FIELD: WEST DOLLARHIDE COUNTY: LEA STATE: N.M. LOCATION: 2510' FN & 680' FEL, SECTION 31, 24S, 38E, NMPM	FILE NO. COUNTY: LEA LOCATION: WEST DOLLARHIDE STATE: N.M.
LOG MEAS. FROM	DERRICK FLOOR	ELEV. 3144'
ORIG. MEAS. FROM	DERRICK FLOOR	ELEV. 3144'
PERM. DATUM	5 1/2" BRADEN HEAD	ELEV. 3134.7'
TYPE OF LOG	GAMMA RAY	NEUTRON
RUN NO.	1	1
DATE	10-15-52	10-15-52
TOTAL DEPTH (DRILLER)	3753'	3753'
EFFECTIVE DEPTH (DRILLER)	3753'	3753'
TOP OF LOGGED INTERVAL	1400'	1400'
BOTTOM OF LOGGED INTERVAL	3750'	3750'
TYPE OF FLUID IN HOLE	MUD	MUD
FLUID LEVEL	FULL	FULL
MAXIMUM RECORDED TEMP.		
NEUTRON SOURCE STRENGTH & TYPE		600N
SOURCE SPACING - IN.		8.25
LENGTH OF MEASURING DEVICE - IN.	36"	36"
O.D. OF INSTRUMENT - IN.	3 5/8	3 5/8
TIME CONSTANT - SECONDS	4.0	3.2
LOGGING SPEED FT. MIN.	30-60	30-60
STATISTICAL VARIATION - IN.		
SENSITIVITY REFERENCE	274	275
RECORDED BY	TAYLOR	TAYLOR
WITNESSED BY	ELLIOTT	ELLIOTT

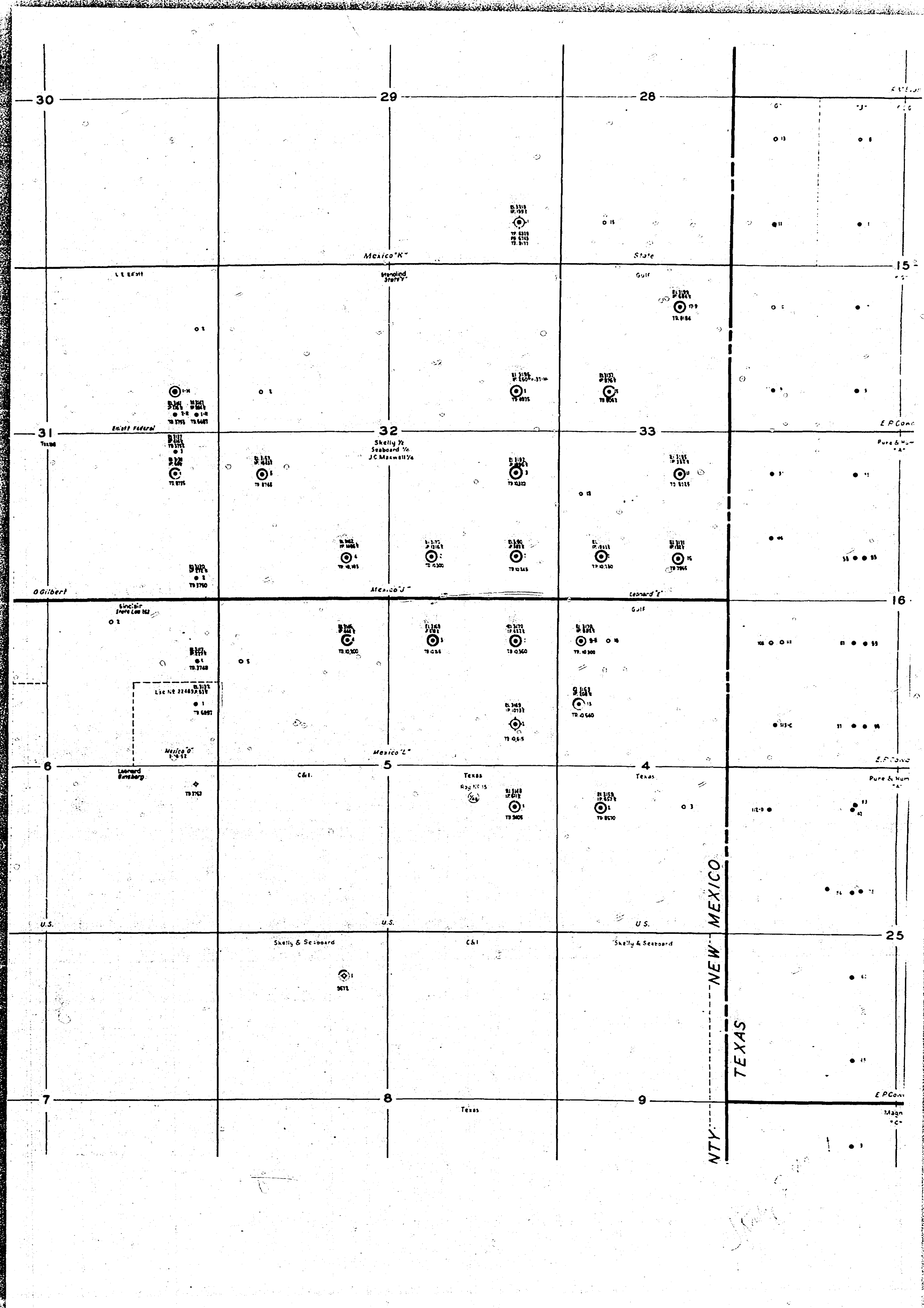
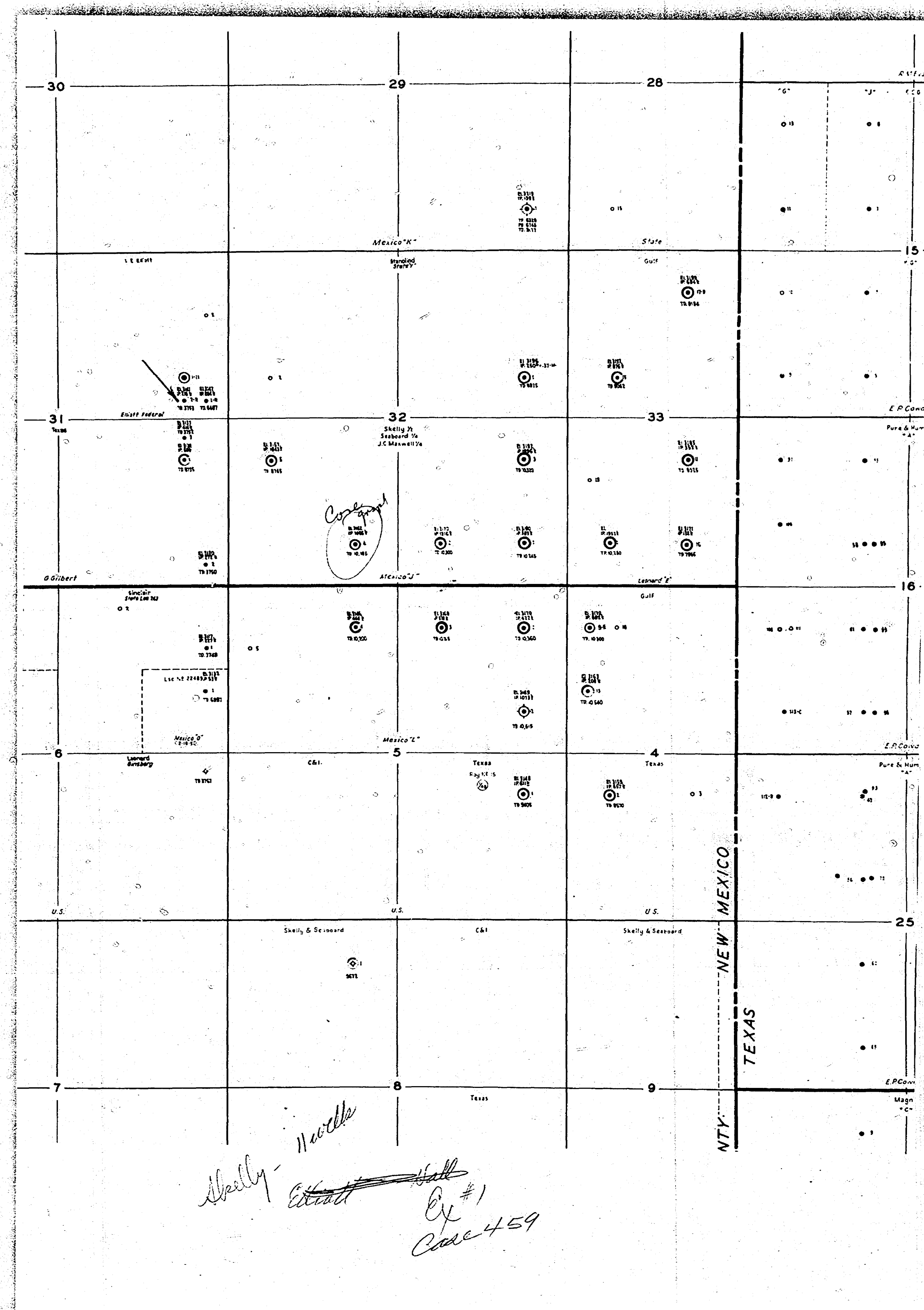
CASING RECORD			
RUN NO.	BIT SIZE	CASING	WT.-LB.
1	4 3/4" OH	5 1/2"	
			FROM WELL RECORD
			SURF. TO 3560'
			3560' TO 3753'
			TO
			TO
			TO
			TO
			TO
			TO

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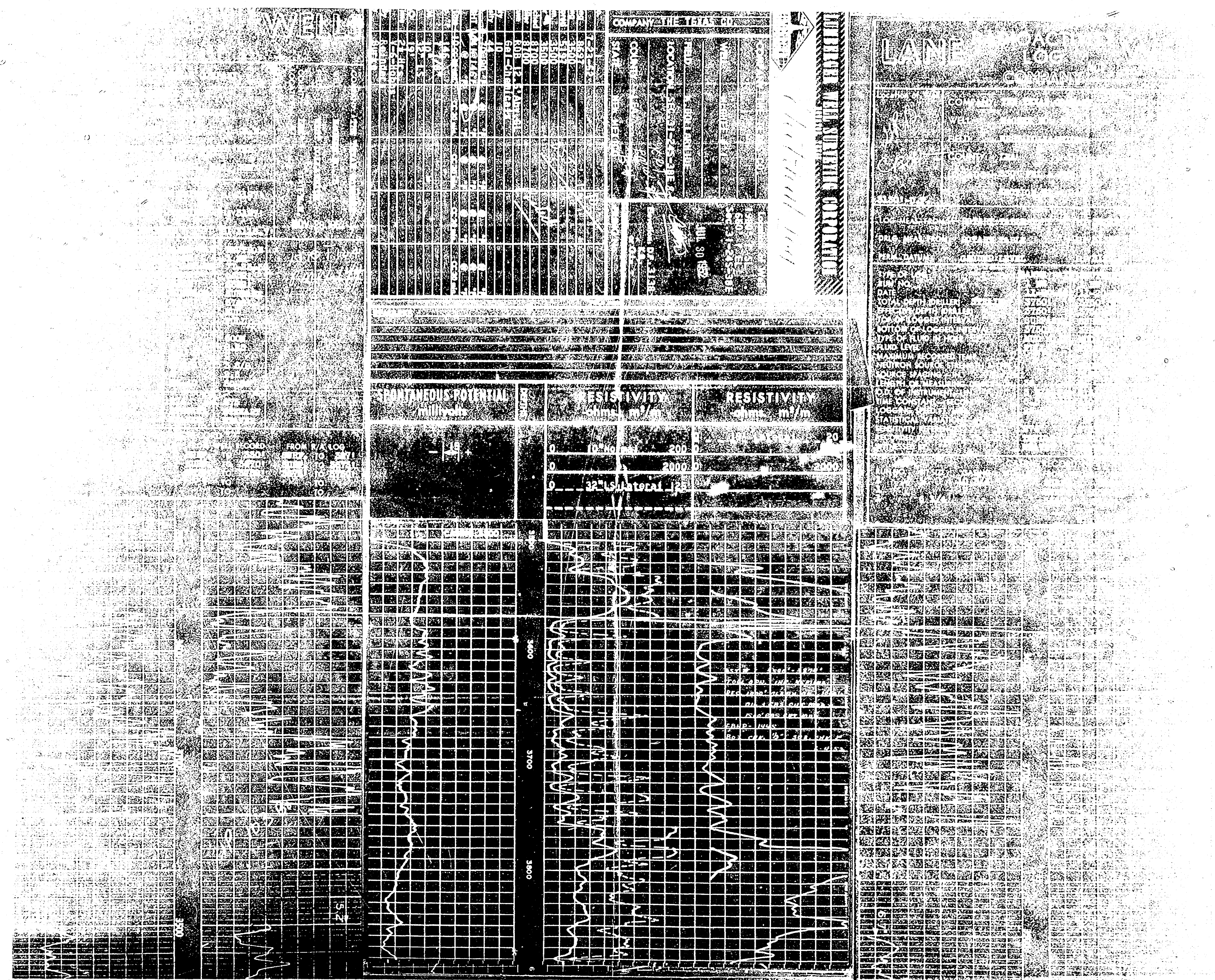
REMARKS OR OTHER DATA



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Skelly 42
Case 459

FORM 62

CORE LABORATORIES, INC. **CORE LAB** Petroleum Reservoir Engineering

COMPANY SKELLY OIL COMPANY DATE ON 1-21-52 FILE NO. UL-710 FC & S
WELL HEATCO-1-1 DATE OFF 5-3-52 ENGRS. SHIRHAN
FIELD WEST MEXICAN FORMATION AS NOTED ELEV. 1182' 12
COUNTY SEA STATEMENT RECORDING F.D. WATER BASE 10 CORES SECTION 5-1/2" x 1/2"
LOCATION REMARKS: SAMPLED BY CORE LABORATORIES, INC. 1-3/5"

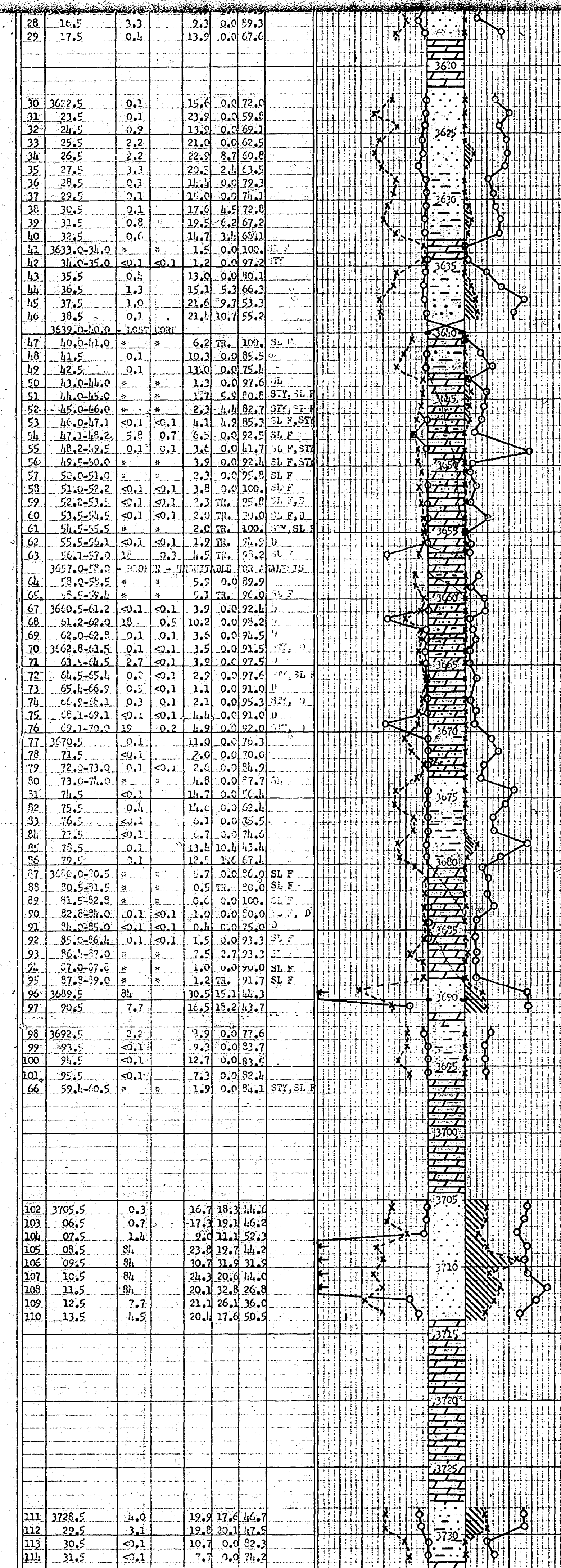
Special Analysis
CORE REPORT

SAND ☒ LIMESTONE ☐ CONGLOMERATE ☐ CHERT ☐
SHALE ☐ DOLOMITE ☐

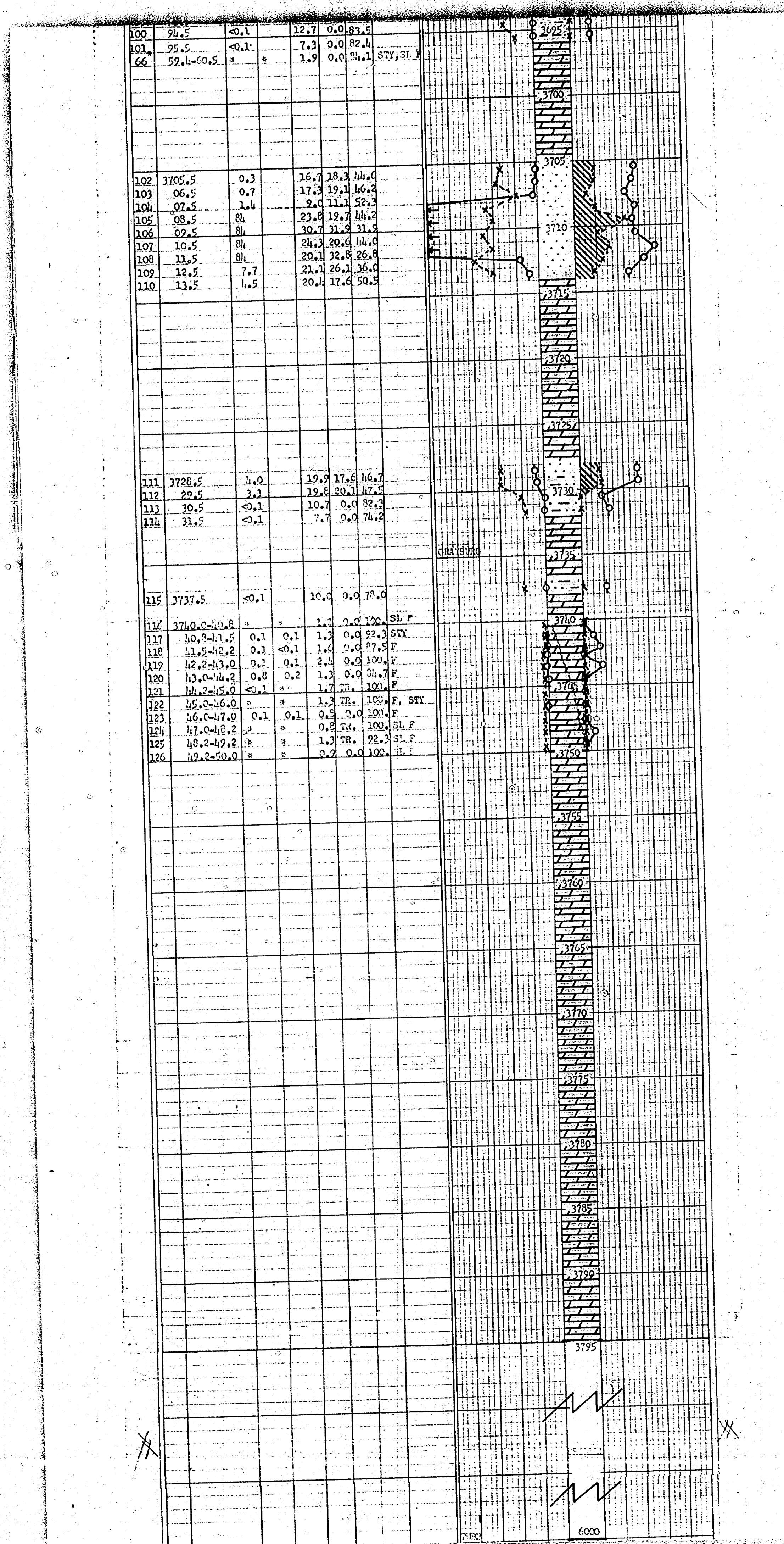
PERMEABILITY, Millidarcies 0.0 TOTAL WATER C-0 0
POROSITY, % 0 OIL SATURATION, % 0

DEPTH, FEET	PERMEABILITY, MILLIDARCIES	POROSITY, %	OIL SATURATION, %
10 3975.5	0.1	11.7	10.1
2 3945	0.1	10.5	10.7
3 3945	0.1	13.3	14.5
4 3945	0.1	11.1	9.0
5 3945	0.1	6.6	0.0
6 3945	0.1	5.8	0.0
7 3945	0.1	11.1	0.0
8 3945	0.1	11.2	0.0
9 3945	0.1	10.7	0.0
10 3945	0.1	9.5	0.0
11 3945	0.1	13.3	14.5
12 3945	0.1	10.5	10.7
13 3945	0.1	10.5	10.7
14 3945	0.1	10.5	10.7
15 3945	0.1	12.0	0.0
16 3945	0.1	6.2	0.0
17 3945	0.1	1.5	0.0
18 3945	0.1	1.5	0.0
19 3945	0.1	1.5	0.0
20 3945	0.1	1.5	0.0
21 3945	0.1	1.5	0.0
22 3945	0.1	1.5	0.0
23 3945	0.1	1.5	0.0
24 3945	0.1	1.5	0.0
25 3945	0.1	1.5	0.0
26 3945	0.1	1.5	0.0
27 3945	0.1	1.5	0.0
28 3945	0.1	1.5	0.0
29 3945	0.1	1.5	0.0
30 3945	0.1	1.5	0.0
31 3945	0.1	1.5	0.0
32 3945	0.1	1.5	0.0
33 3945	0.1	1.5	0.0
34 3945	0.1	1.5	0.0
35 3945	0.1	1.5	0.0
36 3945	0.1	1.5	0.0
37 3945	0.1	1.5	0.0
38 3945	0.1	1.5	0.0
39 3945	0.1	1.5	0.0
40 3945	0.1	1.5	0.0
41 3945	0.1	1.5	0.0
42 3945	0.1	1.5	0.0
43 3945	0.1	1.5	0.0
44 3945	0.1	1.5	0.0
45 3945	0.1	1.5	0.0
46 3945	0.1	1.5	0.0
47 3945	0.1	1.5	0.0
48 3945	0.1	1.5	0.0
49 3945	0.1	1.5	0.0
50 3945	0.1	1.5	0.0
51 3945	0.1	1.5	0.0
52 3945	0.1	1.5	0.0
53 3945	0.1	1.5	0.0
54 3945	0.1	1.5	0.0
55 3945	0.1	1.5	0.0
56 3945	0.1	1.5	0.0
57 3945	0.1	1.5	0.0
58 3945	0.1	1.5	0.0
59 3945	0.1	1.5	0.0
60 3945	0.1	1.5	0.0
61 3945	0.1	1.5	0.0

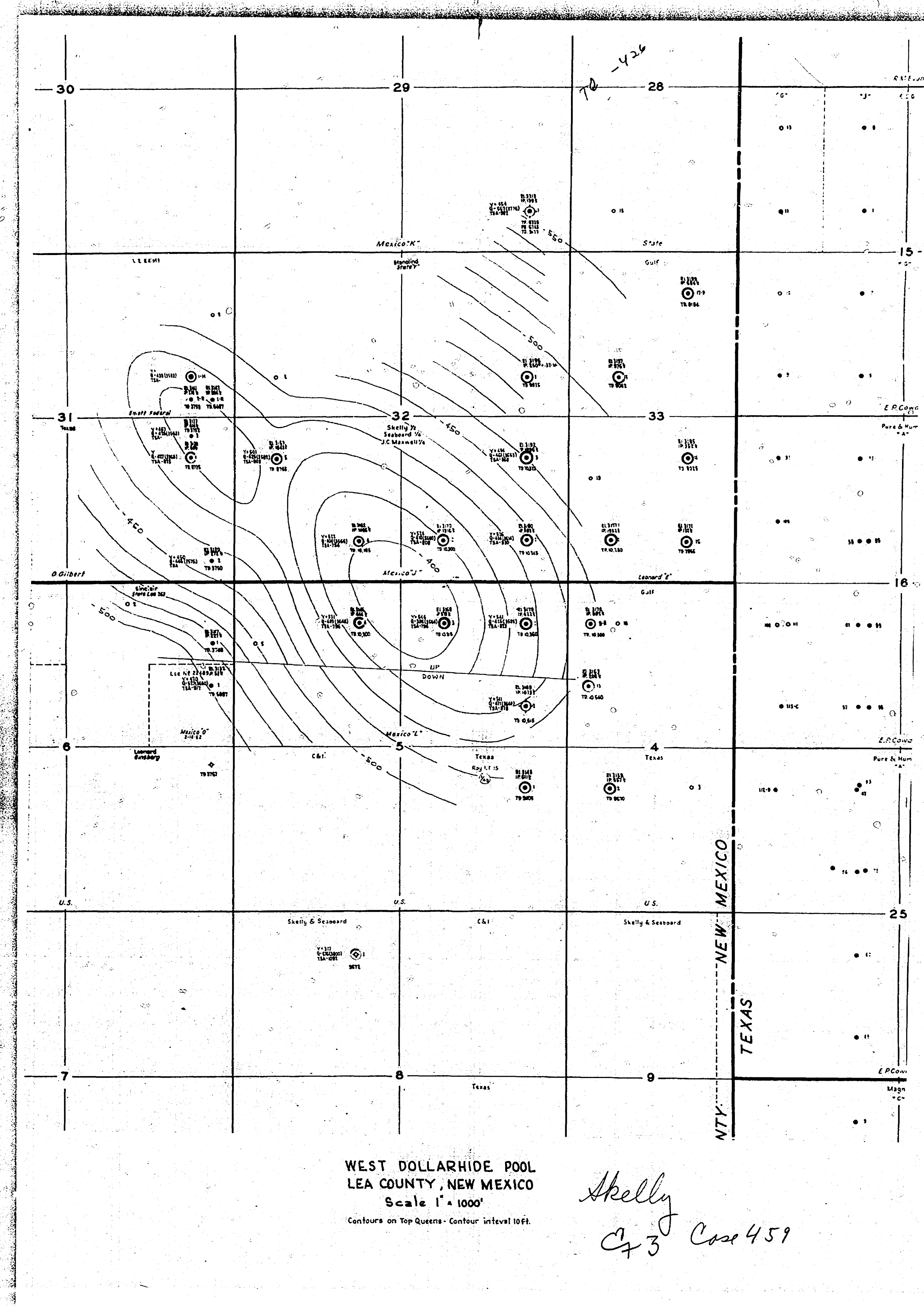
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CORE LABORATORIES, INC. *Petroleum Reservoir Engineering*

FORM 6-2

COMPANY **SHELL OIL COMPANY** DATE ON **5-1-52** FILE NO. **W-720 EC 3 N**
 WELL **WILCOX 35** DATE OFF **5-1-52** ENGRS. **SPRUELL**
 FIELD **1000 WILCOX** FORMATION **AS NOTED** ELEV. **3367.17'**
 COUNTY **ISA** STATE **NEW MEXICO** P.D. **WATER PASS 300** CORES **MEASURED 5-1/8" &**
 LOCATION **REMARKS** **SAMPLED BY CORE LABORATORIES, INC. 1-1-52**

Special Analysis

CERE REPORT

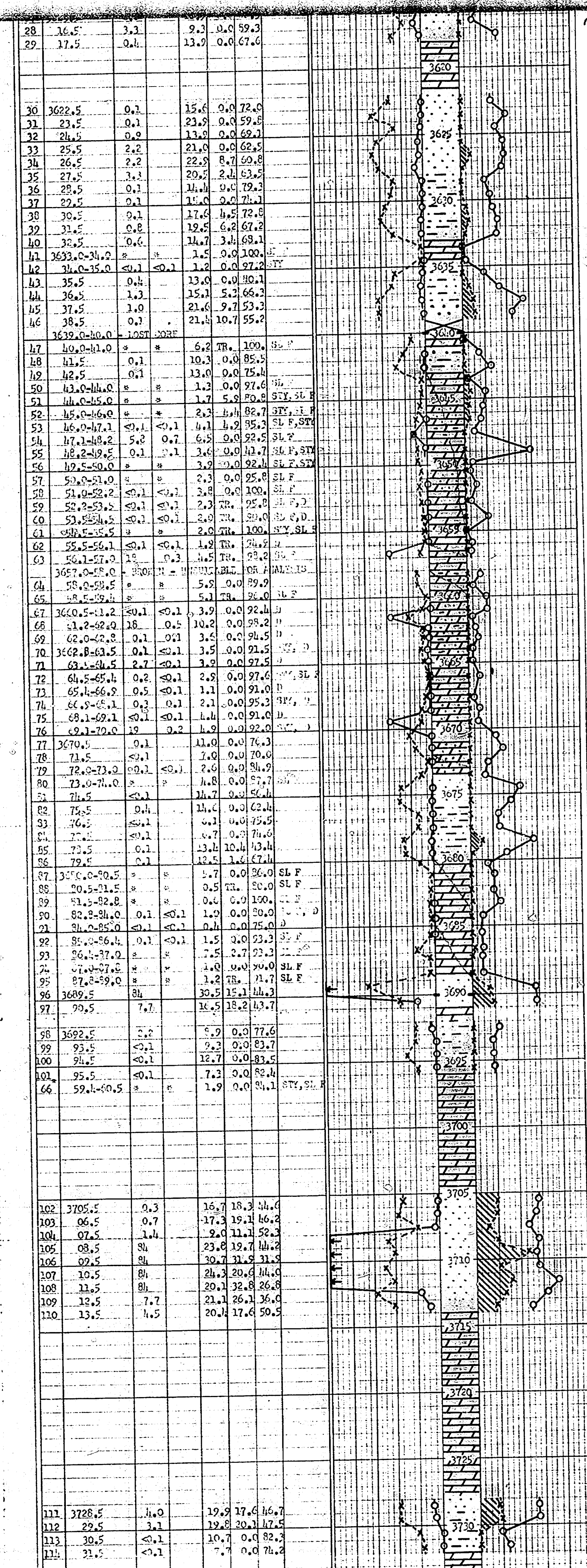
BAND ☒ LIMESTONE ☒ CONGLOMERATE ☒
 SHALE ☒ DOLOMITE ☐

CHERT ☐

PERMEABILITY METHOD G-0
 10 50 20 10 0
 TOTAL WATER 0.0
 PERCENT FREE WATER
 50 60 40 30 20 10 0

CORRELATION DEPTH FEET	FORMATION CORRELATION FEET	PERCENT SAND	PERCENT GRAVEL	PERCENT SILT	PERCENT CLAY	VISUAL TEXTURE TYPE	POROSITY X-X-X PERCENT	OIL SATURATION X-X-X PERCENT
1	3595.5	0.1	10.5	10.3	31.5			
2	3605	<0.1	10.5	10.7	59.5			
3	3715	0.1	11.5	10.5	59.5			
4	3815	<0.1	10.1	0.6	69.5			
5	3825	<0.1	10.5	0.6	77.5			
6	3915	<0.1	9.8	0.6	89.5			
7	3915	<0.1	11.1	0.6	10.5			
8	3925	<0.1	11.1	0.6	55.5			
9	3935	<0.1	10.1	0.6	75.5			
10	3945	<0.1	9.5	0.6	59.5			
11	3955	0.5	10.5	3.8	25.5			
12	3965	0.1	10.5	0.6	39.5			
13	3975	0.1	12.6	0.6	59.5			
14	3985	0.1	15.0	0.6	59.5			
15	3995	<0.1	11.8	0.6	59.5			
16	4000.0-4010.1	<0.1	<0.1	6.0	0.6	29.5		
17	4010.1-4025	22	23	7.5	0.6	59.5		
18	4025.0-4035	0.1	<0.1	1.0	0.6	14.5		
19	4035.0-4050	0.1	0.1	5.0	0.6	59.5		
20	4050.0-4065	0.1	<0.1	2.0	0.6	14.5		
21	4065.0-4075	0.1	<0.1	2.0	0.6	14.5		
22	4075.0-4090	19	0.7	3.0	0.6	35.5		
23	4090.0-4105	0.1	0.1	0.6	0.6	14.5		
24	4105.0-4115	8	3.8	0.6	14.5			
25	4115.0-4120	0.1	0.1	0.6	0.6	14.5		
26	4120.5	<0.1	15.0	0.6	14.5			
27	4125.5	0.6	12.0	0.6	59.5			
28	4135	3.3	9.5	0.6	59.5			
29	4145	0.6	13.0	0.6	67.5			
30	4152.5	0.1	15.0	0.6	75.5			
31	4215	0.1	23.0	0.6	59.5			
32	4215	0.2	13.0	0.6	59.5			
33	4215	0.2	13.0	0.6	69.5			
34	4215	2.2	22.0	8.7	69.5			
35	4215	3.2	22.0	2.4	69.5			
36	4215	0.1	11.0	0.6	79.5			
37	4215	0.1	12.0	0.6	75.5			
38	4215	0.1	12.0	0.6	75.5			
39	4215	0.1	12.0	0.6	69.5			
40	4215	0.6	13.0	3.0	65.5			
41	4233.0-4240	8	3.0	0.6	100.0			
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