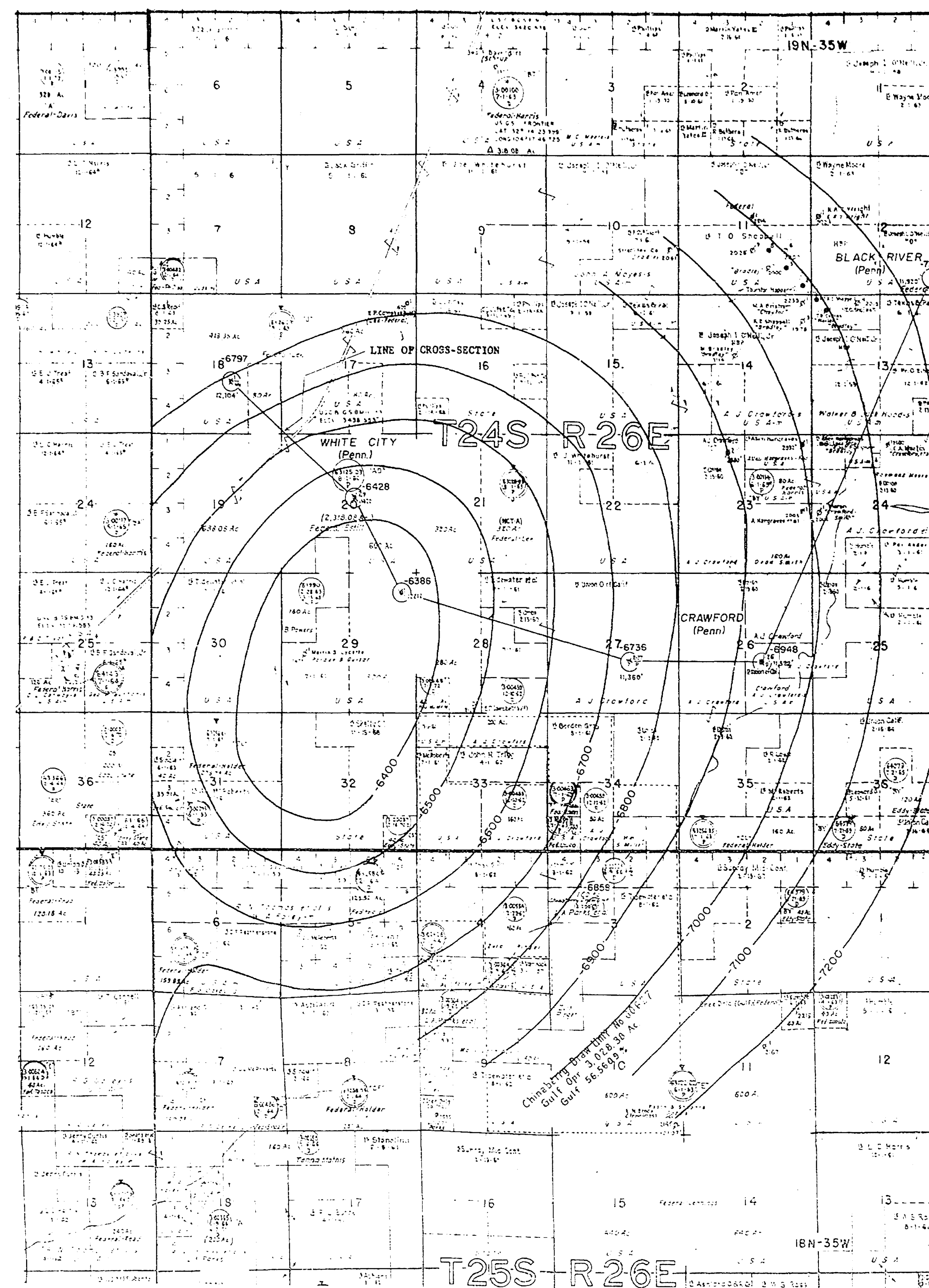


Case No.

2737

Large Exhibits





WHITE CITY (PENN.) GAS FOLD.

Eddy County, New Mexico

Scale: 1" = 3000'

Contoured: Top Stream

Interval: 100'

CASE NO. 2732 (Continued)

SMITH NO. _____

RILEY B. Maxwell COMPANY
ARLENE WICHITA FALLS HOURS PANHA

CORE ANALYSIS

COMPANY Gulf Oil Corporation
WELL No. 2
FIELD Undesignated
LOCATION 2400' Fm. & 2400' Fm. Sec. 20
COUNTY 2400' Fm. Sec. 20
STATE New Mexico
ELEVATION 3379' G.L. 3396' D.P. 3378' A.S.
INDUSTRY Water Base Mud
FORMATION
TYPE OF CORE Diamond (2-3/8")
ANALYST J.M. ST
LAB. NO. 8-256
DATE 7-25-49

PERMEABILITY predominantly through fractures.
** Sampler analyzed after initial report was issued.

TABULAR PRESENTATION									
FULL RINGIER CORE ANALYSIS									
DEPTH FEET	DEPTH FEET	DEPTH FEET	DEPTH FEET	DEPTH FEET	DEPTH FEET	DEPTH FEET	DEPTH FEET	DEPTH FEET	DEPTH FEET
1	9822.0-24.0	1.1	0.1	0.1	Trace	61.1			
2	9824.0-25.7	1.7	0.1	0.1	Trace	31.4			
3	9825.7-27.5	1.8	0.1	0.1	Trace	32.3			
4	9827.5-29.3	1.8	0.1	0.1	Trace	20.4			
5	9829.3-31.0	1.7	0.1	0.1	Trace	19.2			
6	9831.0-32.7	1.7	0.1	0.1	Trace	28.8			
7	9832.7-34.5	1.8	0.1	0.1	Trace	21.9			
8	9834.5-36.5	2.0	0.1	0.1	Trace	38.5			
9**	9850.0-51.0	0.9	0.1	0.1					
10**	9851.0-52.0	1.0	0.1	0.1					
11**	9852.0-53.0	0.9	0.1	0.1					
12**	9853.0-54.0	1.0	0.1	0.1					
13**	9854.0-55.0	1.0	0.1	0.1					
14	9862.0-63.0	1.0	0.1	0.1					
15	9863.0-64.7	1.7	0.1	0.1					
16	9864.7-66.2	1.5	0.1	0.1					
17	9866.2-67.7	1.5	0.1	0.1					
18	9867.7-69.0	1.3	0.1	0.1					
19	9868.0-70.0	1.0	0.1	0.1					
20	9870.0-71.0	1.0	0.1	0.1					
21	9871.0-73.0	2.0	0.1	0.1					
22	9873.0-74.0	1.0	0.1	0.1					
23	9874.0-75.0	1.0	0.1	0.1					
24	9875.0-76.0	1.0	0.1	0.1					
25	9876.0-77.0	1.0	0.1	0.1					
26	9877.0-78.0	1.0	0.1	0.1					
27	9878.0-79.0	1.0	0.1	0.1					
28	9879.0-80.0	1.0	0.1	0.1					
29	9880.0-81.0	1.0	0.1	0.1					
30	9881.0-82.1	1.1	0.1	0.1					
31	9883.1-84.2	2.1	0.1	0.1					
32	9885.2-85.6	1.4	0.1	0.1					
33	9886.6-87.0	1.4	0.1	0.1					
34	9887.0-88.0	1.0	0.1	0.1					
35	9887.0-88.0	1.0	0.1	0.1					

Circ. No. 2737 (continued)
Exhibit No.

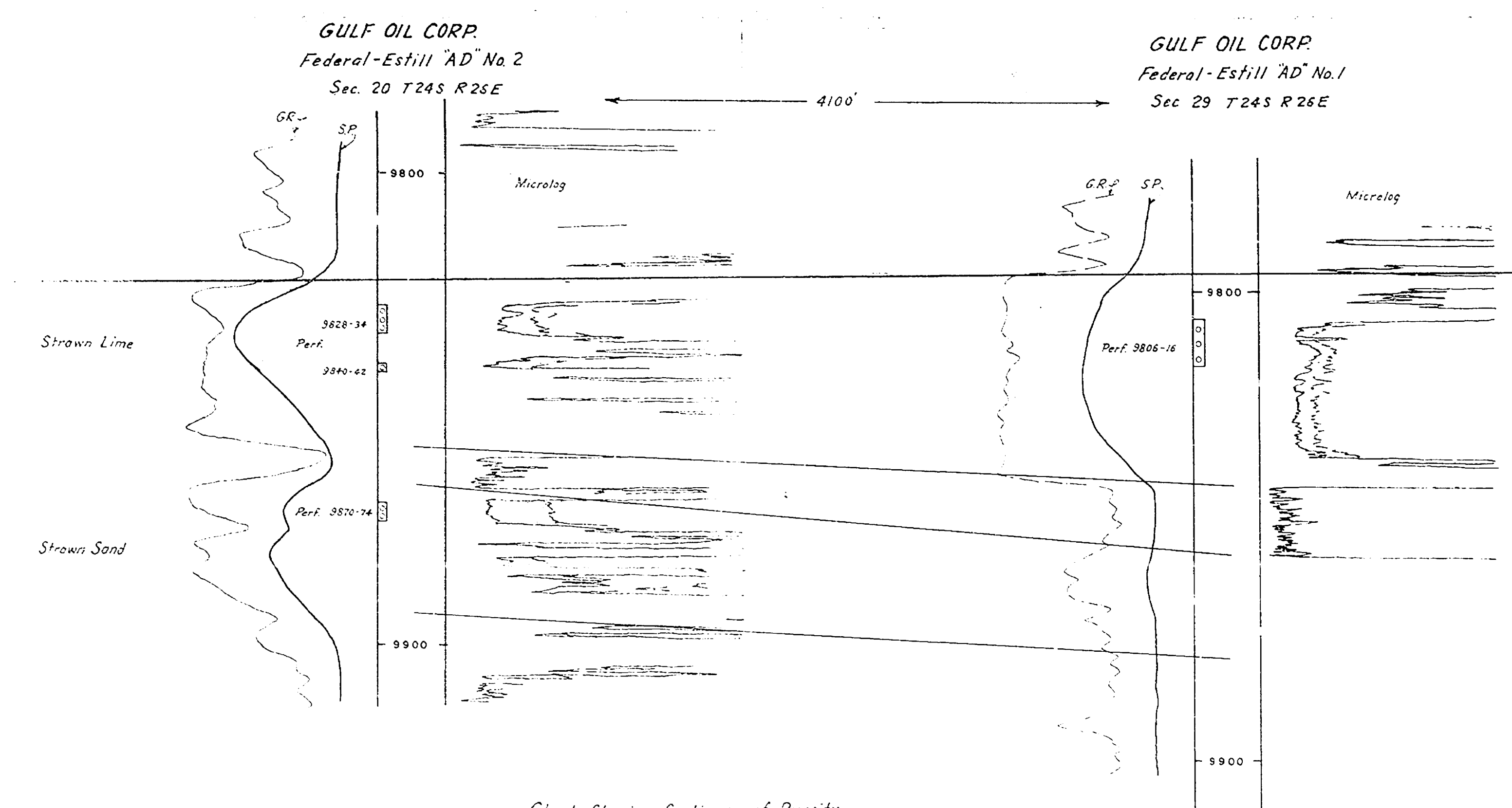


Chart Showing Continuity of Porosity
in the Strawn Lime Pay

Case No. 2737 (Continued)

Exhibit No. 5



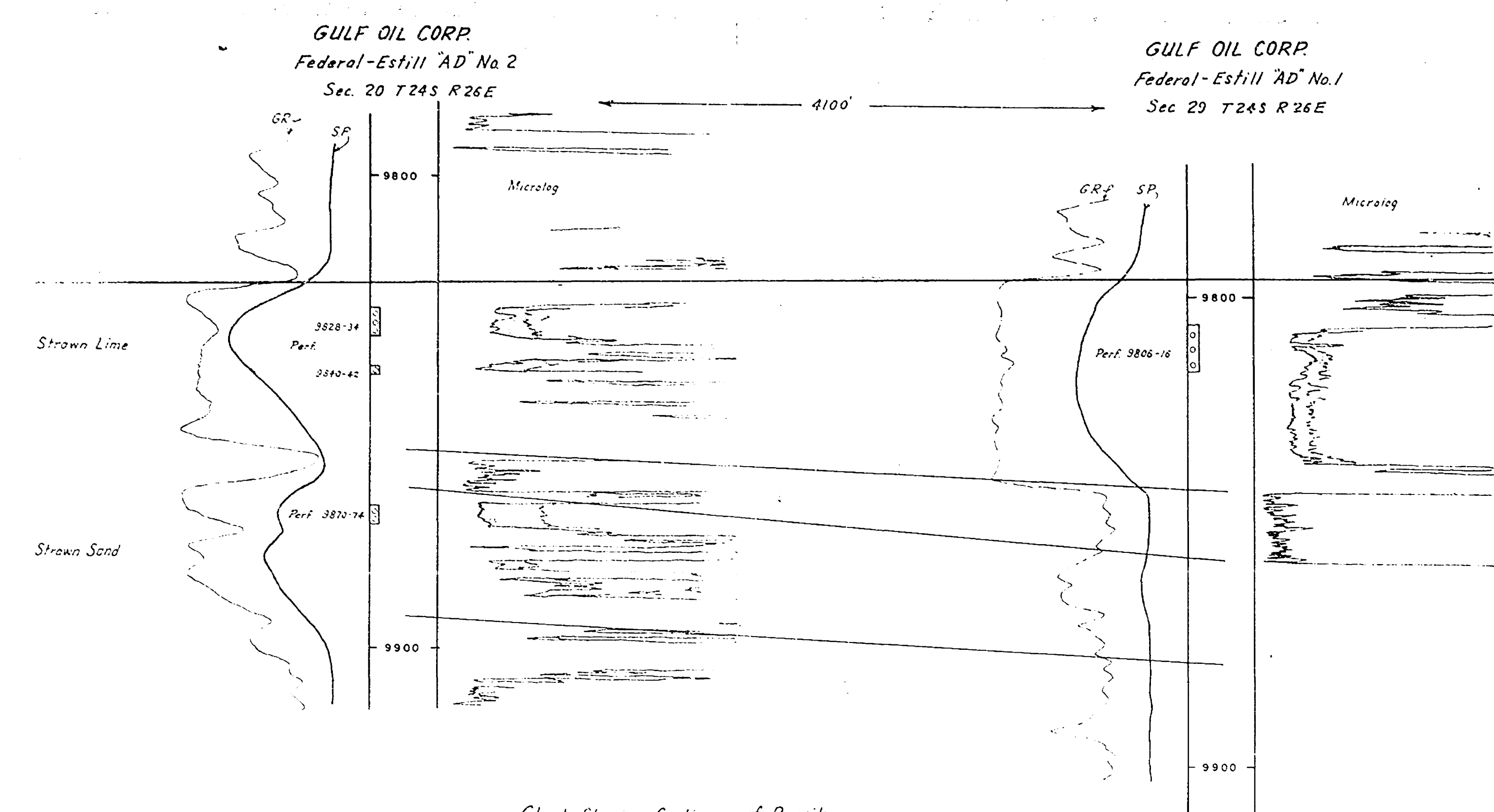
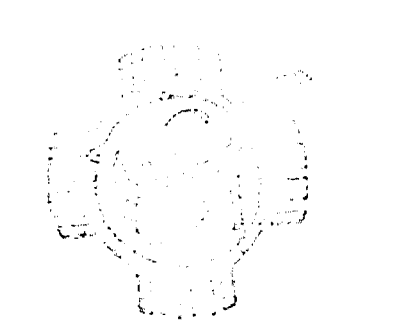


Chart Showing Continuity of Porosity in the Strawn Lime Pay

Case No. 2131 (continued)

Exhibit No. 5

Produced Pursuant to Court Order



Produced Pursuant to Court Order

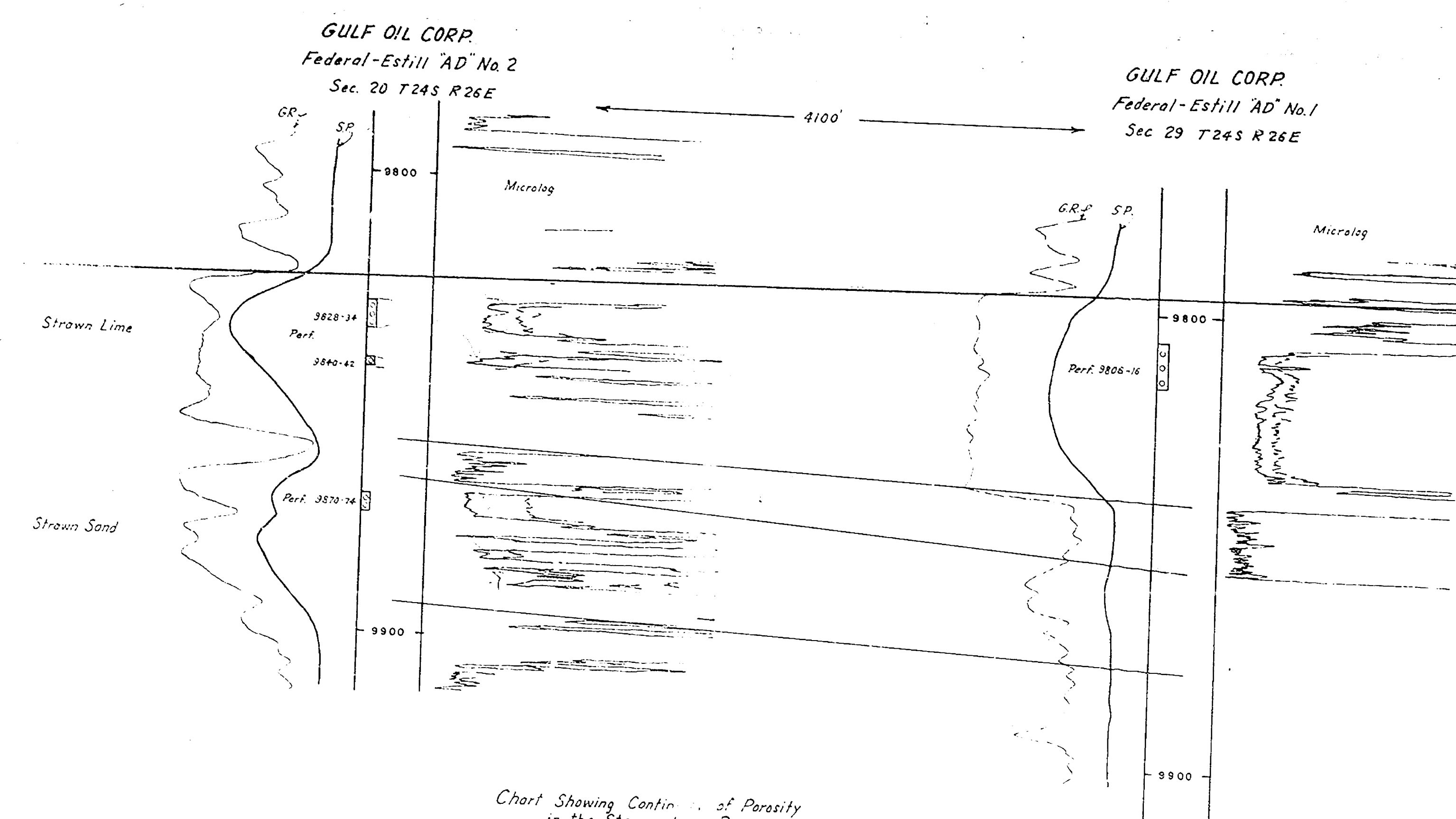
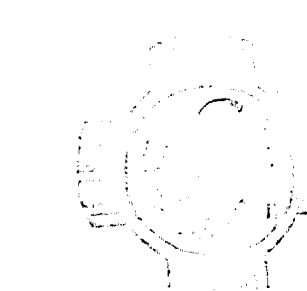


Chart Showing Continuity of Porosity
in the Strawn Lime Pay

Case No. 2737 (Continued)

Exhibit No. 5

U.S. GEOLOGICAL SURVEY



1:25,000 Scale

CORE ANALYSIS

COMPANY Gulf Oil Corporation ELEVATION 3379' G.L.; 3396' D.P.; 3398' K.S.
 FEE Federal-Estill "AD" WELL NO. 2 DRILLING FLUID Water Base Mud
 FIELD Undesignated FORMATION _____
 LOCATION 2600' FNL & 2440' FBL, Sec. 2. TYPE OF CORE Diamond (2-3/8")
T245, R268 ANALYST JOB, BT SERVICE CM
 COUNTY ddy STATE New Mexico LAB NO. R-266 DATE 7-23-60

THESE ANALYSES ARE BASED UPON ACCEPTED LABORATORY TECHNIQUES. THE OPINIONS EXPRESSED REPRESENT OUR BEST JUDGMENT ON THE INFORMATION AVAILABLE AT THE TIME OF ANALYSIS. THE ANALYSES WERE CONDUCTED IN ACCORDANCE WITH THE STANDARD OPERATING PROCEDURES OF THE U.S. ENVIRONMENTAL PROTECTION AGENCY.

B-BSS	F-FRACTURED	HEX	CONCRETE	GRAVELY MASH
D-DIG	P-PIN POINT POROSITY			
V-VOLCANIC	N-NOVELLUM			
M-MATERIAL	A-ATLANTIC			

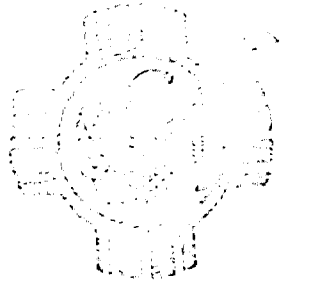
* Permeability predominantly through fractures.
** Samples analyzed after initial report was issued

GRAPHICAL PRESENTATION

FULL DIAMETER CORE ANALYSIS									
HOLE NO.	DEPTH METERS	SPECIMEN NO.	DIAMETER IN (mm)		SPL. NO.	SPL. NO.	SPL. NO.	SPL. NO.	SPL. NO.
			TOP	BOTTOM					
1	9822.0-26.0	1.1	<0.1	<0.1	Trace	61.1			
2	5826.0-23.7	3.1	0.28	0.4	Trace	31.4			
3	9825.7-27.5	6.8	0.4	0.3	Trace	32.3			
4	9827.9-29.3	7.1	0.6	0.4	Trace	20.6			
5	9829.3-31.0	5.7	0.2	0.1	4.3	19.2			
6	9831.0-32.7	4.7	0.1	<0.1	Trace	28.8			
7	9832.7-34.5	4.2	0.1	<0.1	0.3	21.9			
8	9834.5-36.5	3.6	28*	<0.1	Trace	36.5			
9	9836.0-38.0	3.1	<0.1	<0.1	Trace	38.0			
10	9837.5-39.5	2.6	<0.1	<0.1	Trace	39.5			
11	9839.0-41.0	2.1	<0.1	<0.1	Trace	41.0			
12	9840.5-42.5	1.6	<0.1	<0.1	Trace	42.5			
13	9842.0-44.0	1.1	<0.1	<0.1	Trace	44.0			
14	9843.5-45.5	0.6	<0.1	<0.1	Trace	45.5			
15	9845.0-47.0	0.1	<0.1	<0.1	Trace	47.0			
16	9862.0-63.0	2.4	0.4*	<0.1	0.0	76.4			
17	9863.0-64.7	5.8	5.9*	3.6	0.0	44.0			
18	9864.7-66.2	10.8	12*	3.4	0.0	51.4			
19	9866.2-67.7	10.6	10*	2.7	1.6	51.4			
20	9867.7-69.0	9.1	5.5	3.5	1.8	37.7			
21	9869.0-70.0	6.2	2.8	3.4	Trace	40.6			
22	9870.0-71.0	6.4	0.4	<0.1	Trace	31.6			
23	9871.0-73.0	6.9	1.7	1.3					
24	9873.0-75.0	3.3	<0.1	<0.1					
25	9875.0-77.0	2.6	<0.1	<0.1					
26	9877.0-79.0	6.1	1.6	1.6					
27	9879.0-81.0	5.2	5.5	5.0					
28	9881.0-83.0	10.1	139	17*					
29	9883.0-85.0	5.8	0.3	0.2					
30	9885.0-87.0	5.5	0.3	0.1					
31	9887.0-89.0	7.2	2.0	1.4	Trace	43.0			
32	9889.0-91.0	6.5	0.2	<0.1	Trace	39.4			
33	9891.0-93.0	6.0	0.1	0.1	2.7	59.0			
34	9893.0-95.0	5.5	0.6	0.1	Trace	50.0			
35	9895.0-97.0	4.7	<0.1	<0.1	3.5	65.5			
36	9897.0-99.0	3.5	<0.1	<0.1					

Case No. 2737 (Continued)

Exhibit No. _____

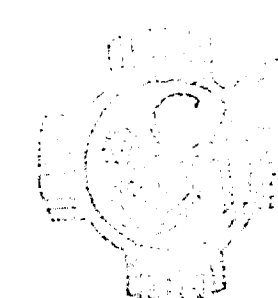
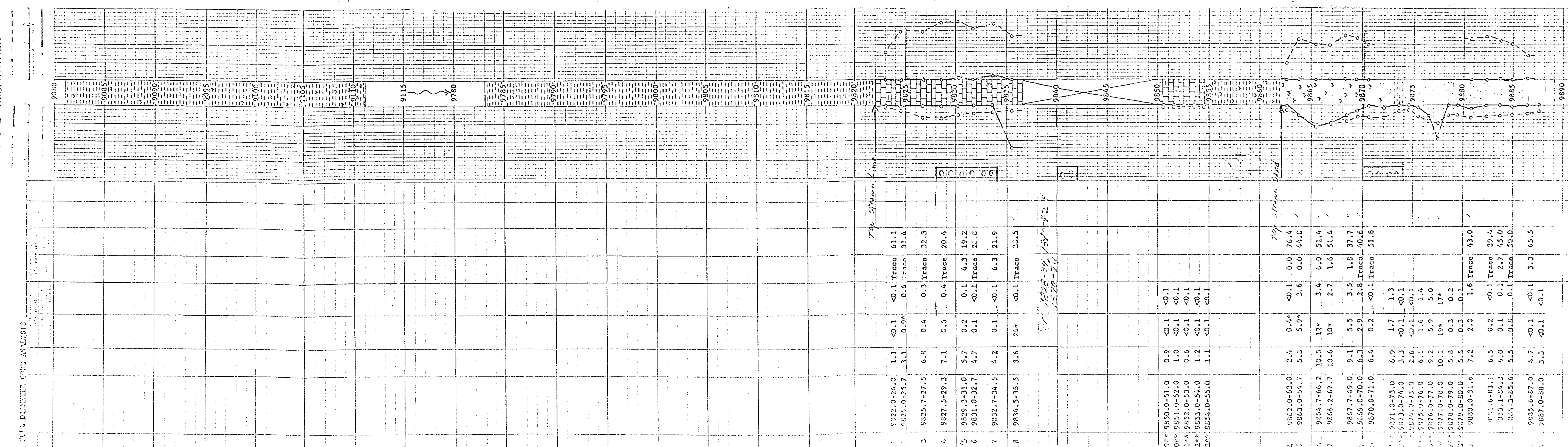


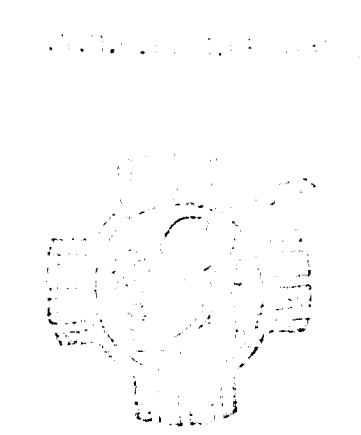
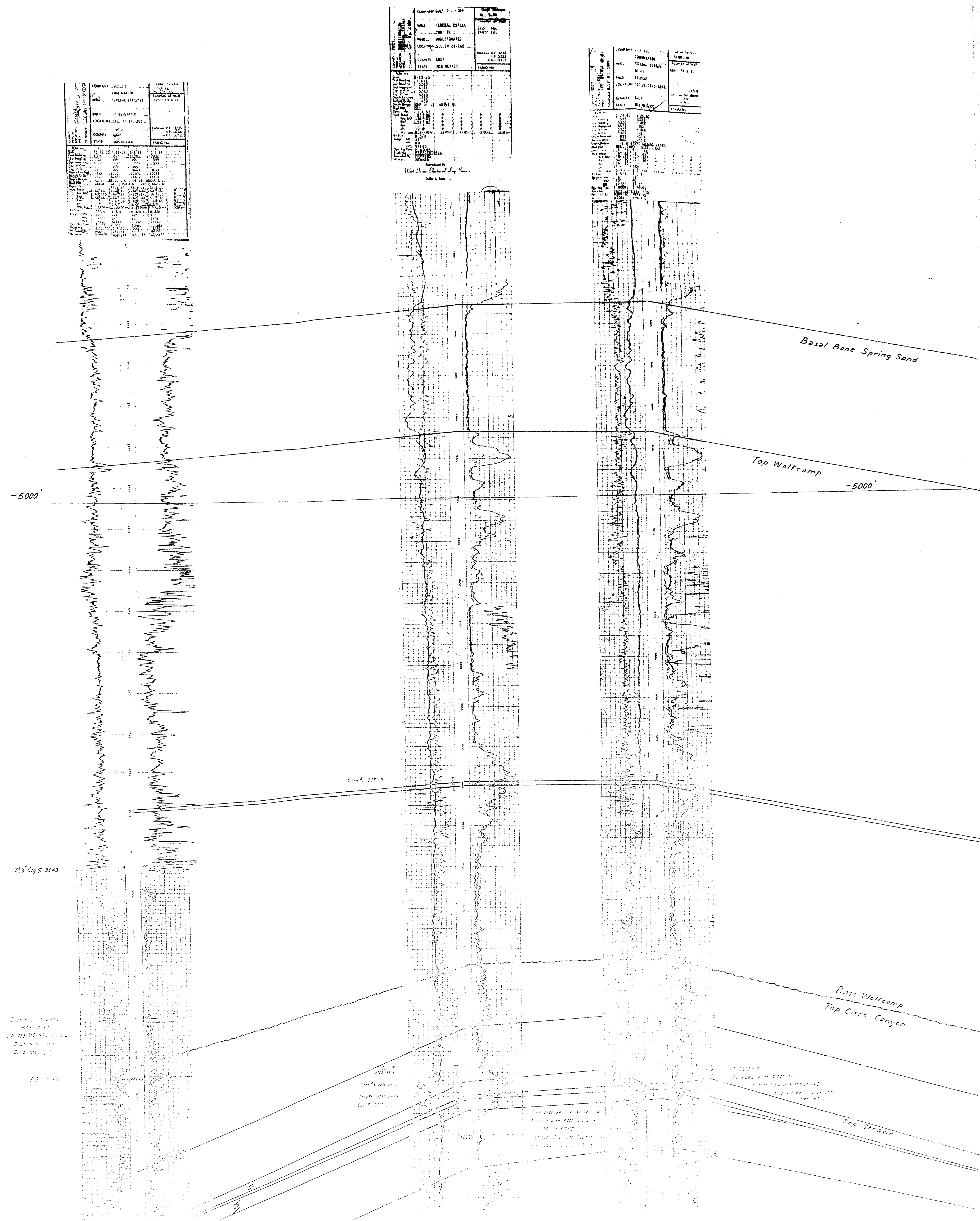
CORE ANALYSIS

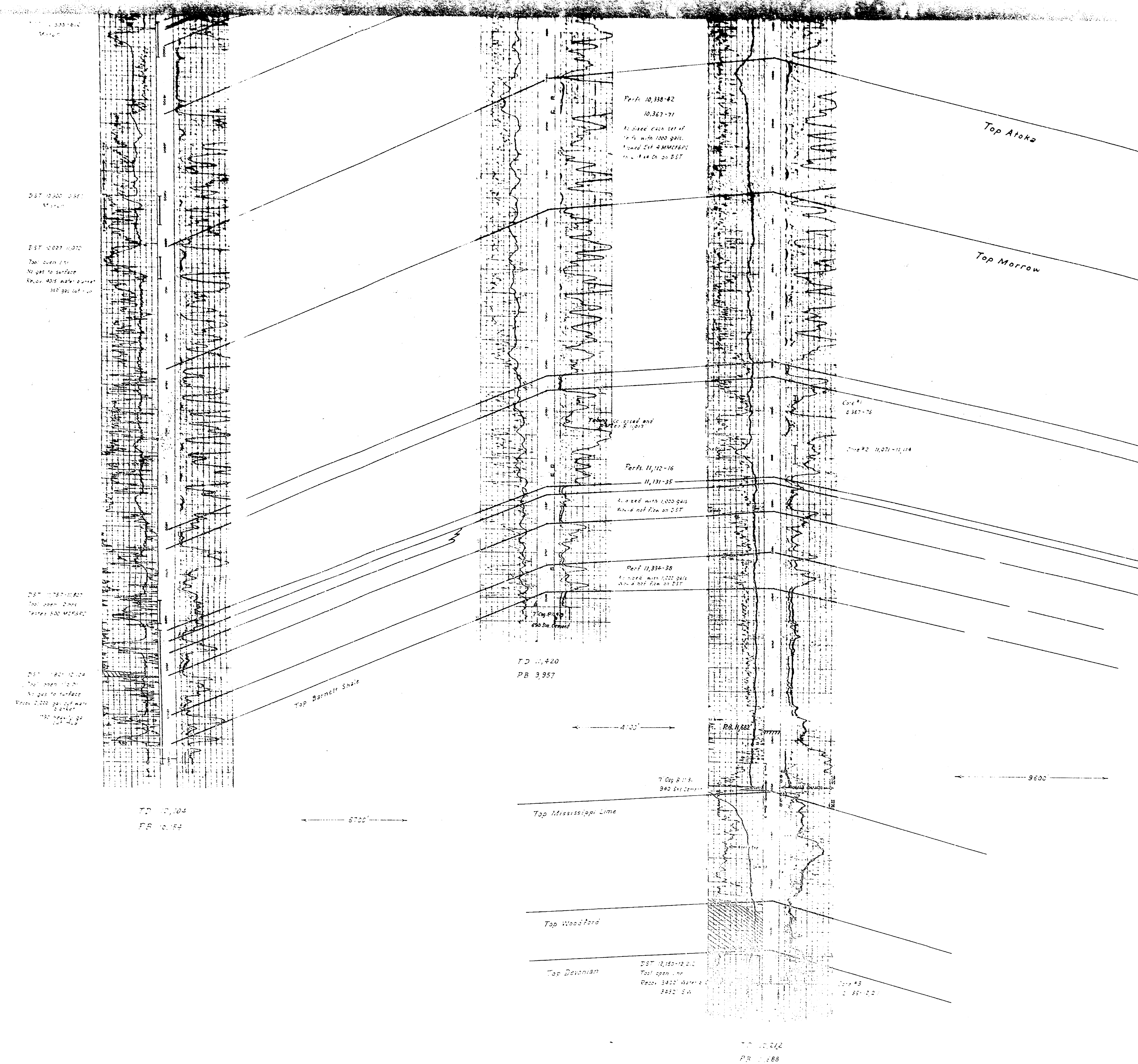
[illegible]

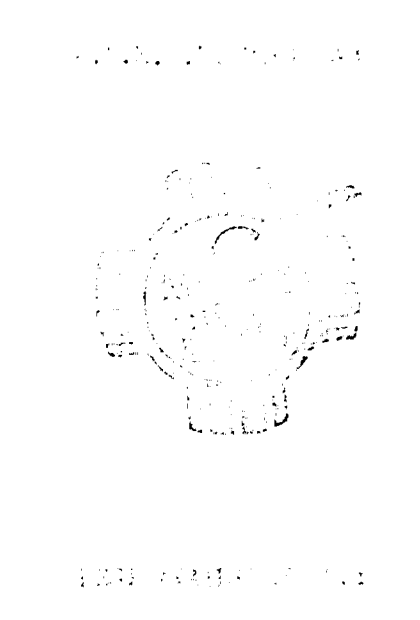
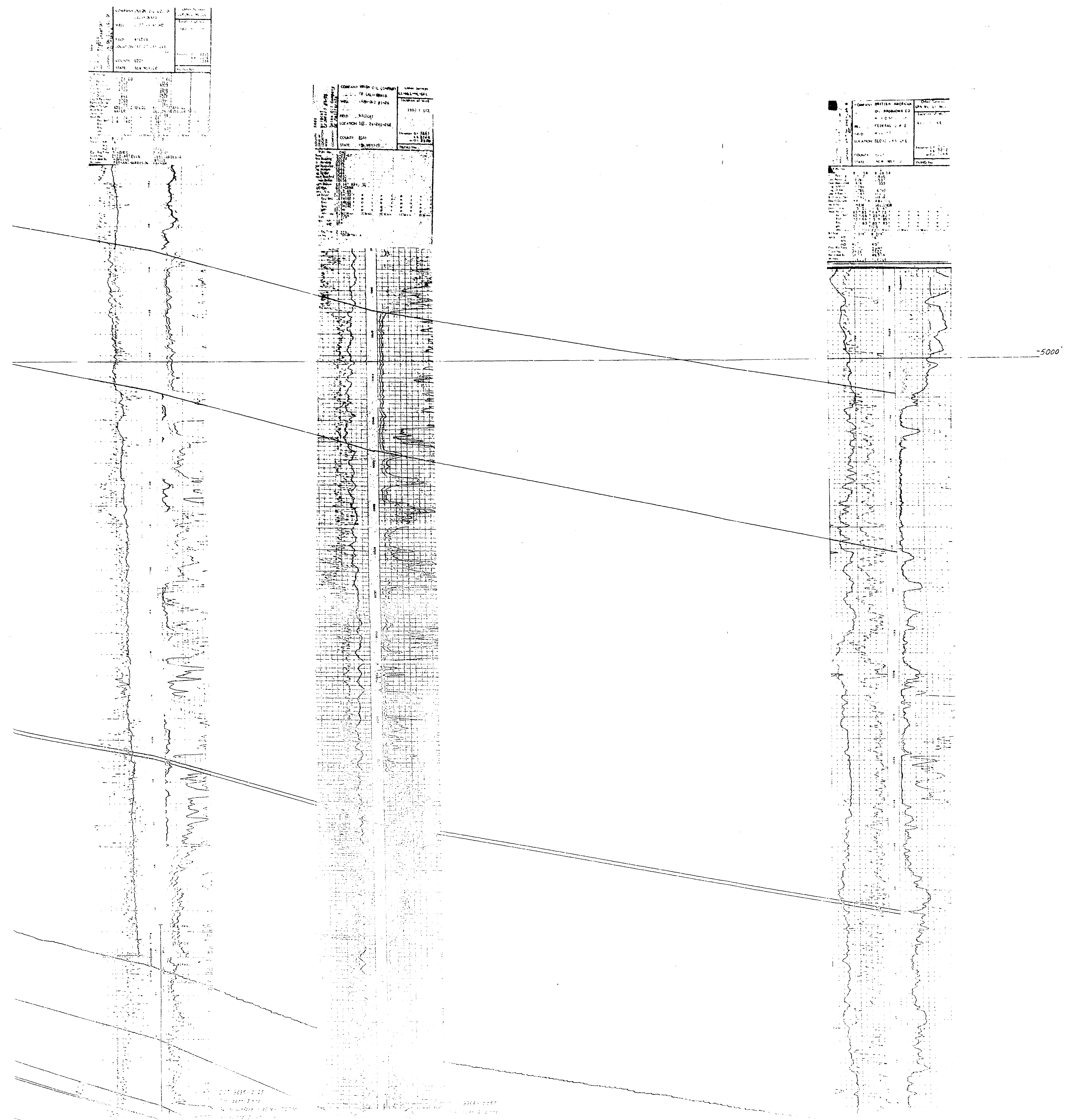
^a Perforability predominantly through fractures. ^b Sample analyzed after initial report was issued.

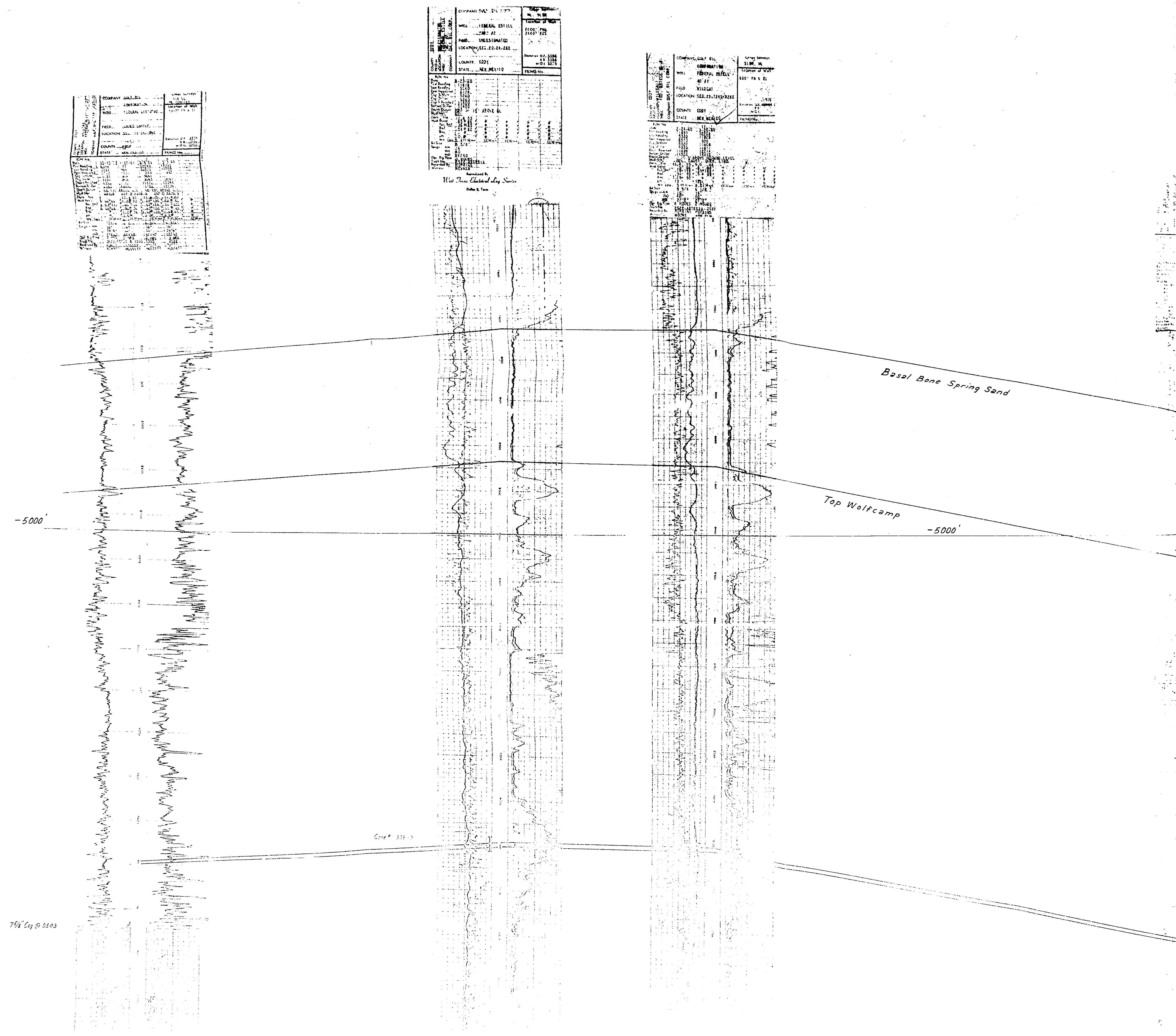
TABLEAU PRESENTATION GRAPHICAL PRESENTATION







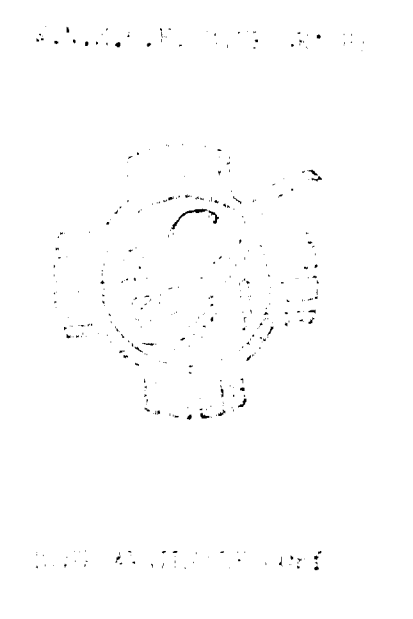


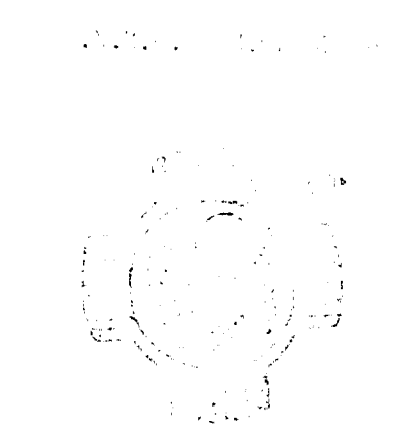
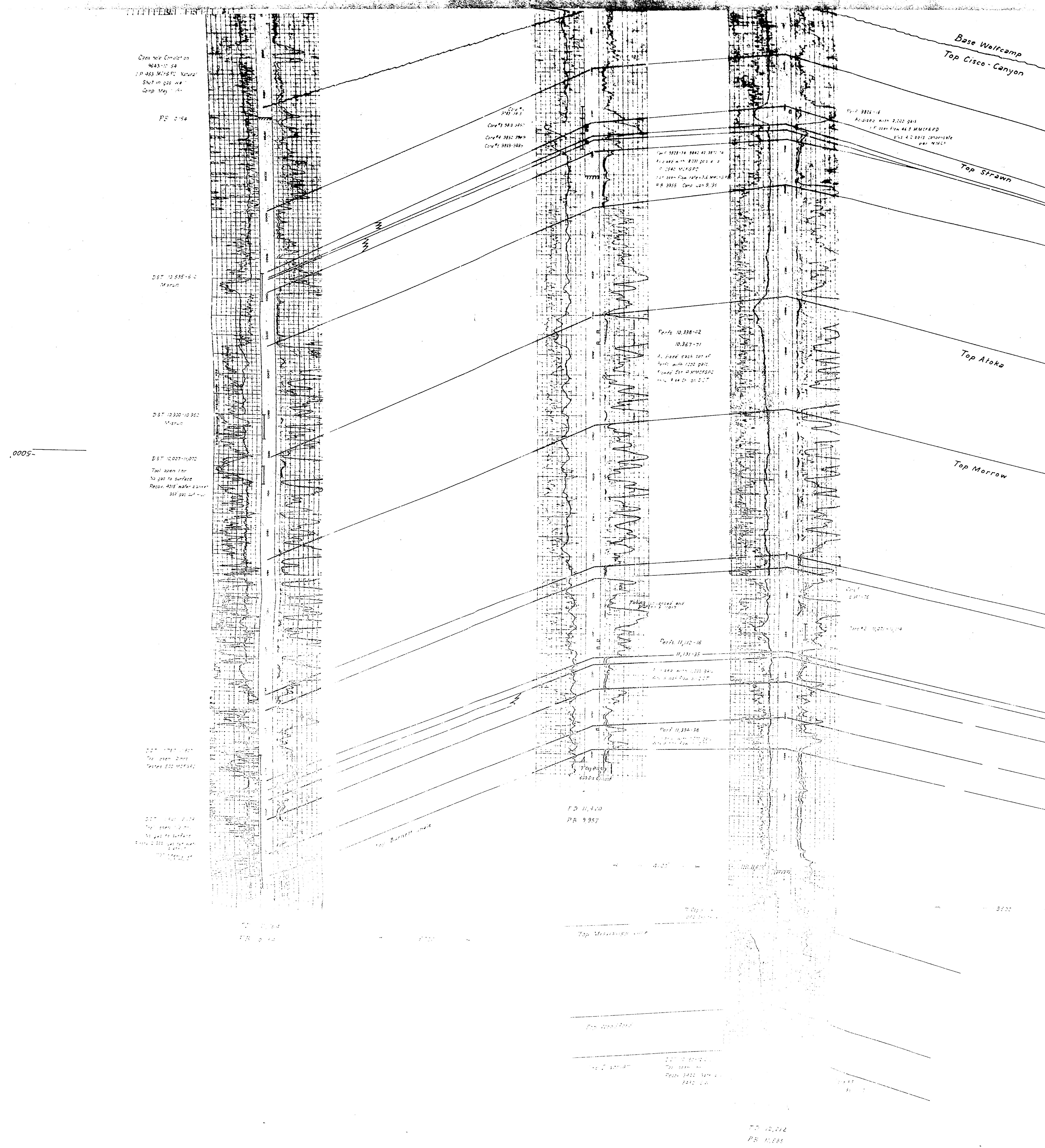


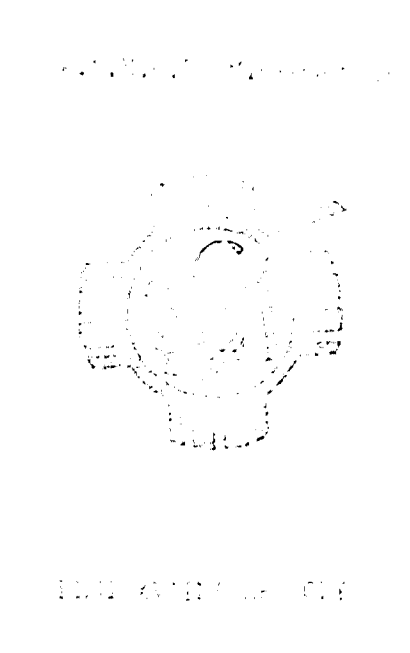
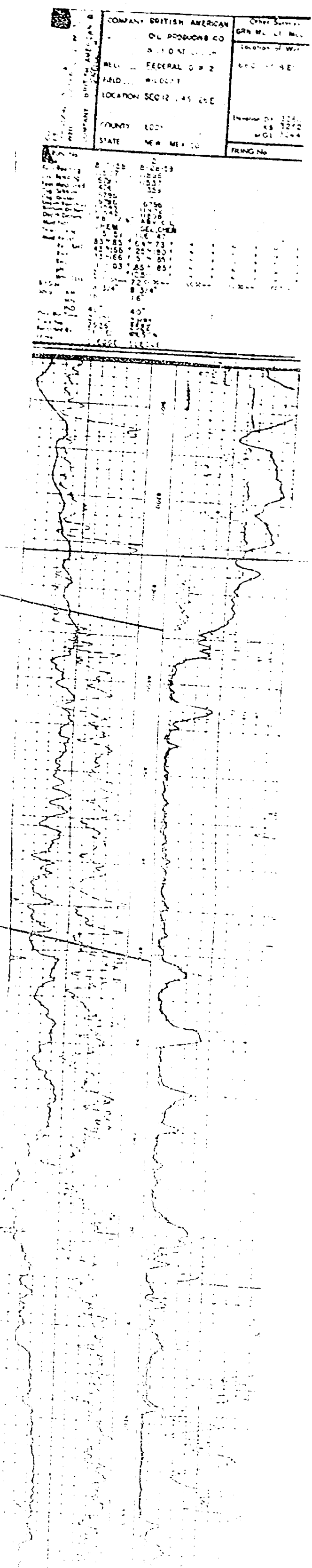
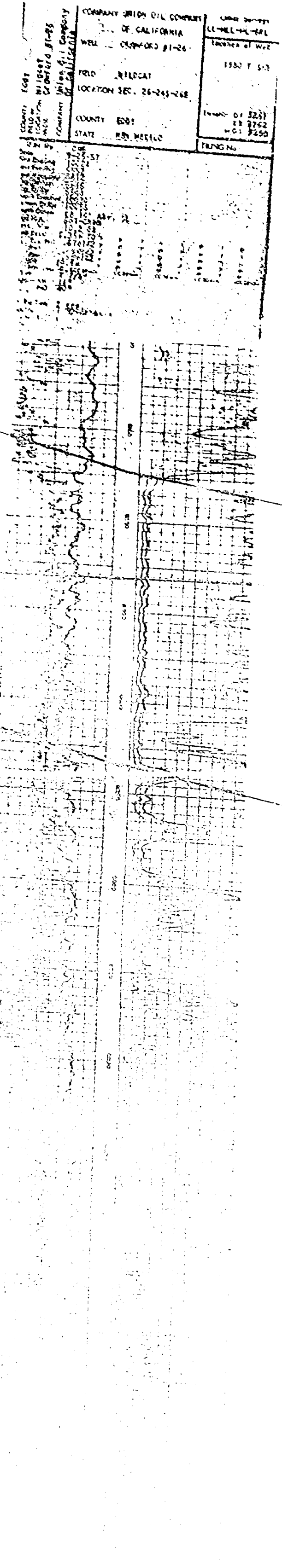
Well	Depth	Formation	Notes
1	0-10	Shale	
1	10-20	Sand	
1	20-30	Shale	
1	30-40	Sand	
1	40-50	Shale	
1	50-60	Sand	
1	60-70	Shale	
1	70-80	Sand	
1	80-90	Shale	
1	90-100	Sand	
1	100-110	Shale	
1	110-120	Sand	
1	120-130	Shale	
1	130-140	Sand	
1	140-150	Shale	
1	150-160	Sand	
1	160-170	Shale	
1	170-180	Sand	
1	180-190	Shale	
1	190-200	Sand	
1	200-210	Shale	
1	210-220	Sand	
1	220-230	Shale	
1	230-240	Sand	
1	240-250	Shale	
1	250-260	Sand	
1	260-270	Shale	
1	270-280	Sand	
1	280-290	Shale	
1	290-300	Sand	
1	300-310	Shale	
1	310-320	Sand	
1	320-330	Shale	
1	330-340	Sand	
1	340-350	Shale	
1	350-360	Sand	
1	360-370	Shale	
1	370-380	Sand	
1	380-390	Shale	
1	390-400	Sand	
1	400-410	Shale	
1	410-420	Sand	
1	420-430	Shale	
1	430-440	Sand	
1	440-450	Shale	
1	450-460	Sand	
1	460-470	Shale	
1	470-480	Sand	
1	480-490	Shale	
1	490-500	Sand	
1	500-510	Shale	
1	510-520	Sand	
1	520-530	Shale	
1	530-540	Sand	
1	540-550	Shale	
1	550-560	Sand	
1	560-570	Shale	
1	570-580	Sand	
1	580-590	Shale	
1	590-600	Sand	
1	600-610	Shale	
1	610-620	Sand	
1	620-630	Shale	
1	630-640	Sand	
1	640-650	Shale	
1	650-660	Sand	
1	660-670	Shale	
1	670-680	Sand	
1	680-690	Shale	
1	690-700	Sand	
1	700-710	Shale	
1	710-720	Sand	
1	720-730	Shale	
1	730-740	Sand	
1	740-750	Shale	
1	750-760	Sand	
1	760-770	Shale	
1	770-780	Sand	
1	780-790	Shale	
1	790-800	Sand	
1	800-810	Shale	
1	810-820	Sand	
1	820-830	Shale	
1	830-840	Sand	
1	840-850	Shale	
1	850-860	Sand	
1	860-870	Shale	
1	870-880	Sand	
1	880-890	Shale	
1	890-900	Sand	
1	900-910	Shale	
1	910-920	Sand	
1	920-930	Shale	
1	930-940	Sand	
1	940-950	Shale	
1	950-960	Sand	
1	960-970	Shale	
1	970-980	Sand	
1	980-990	Shale	
1	990-1000	Sand	

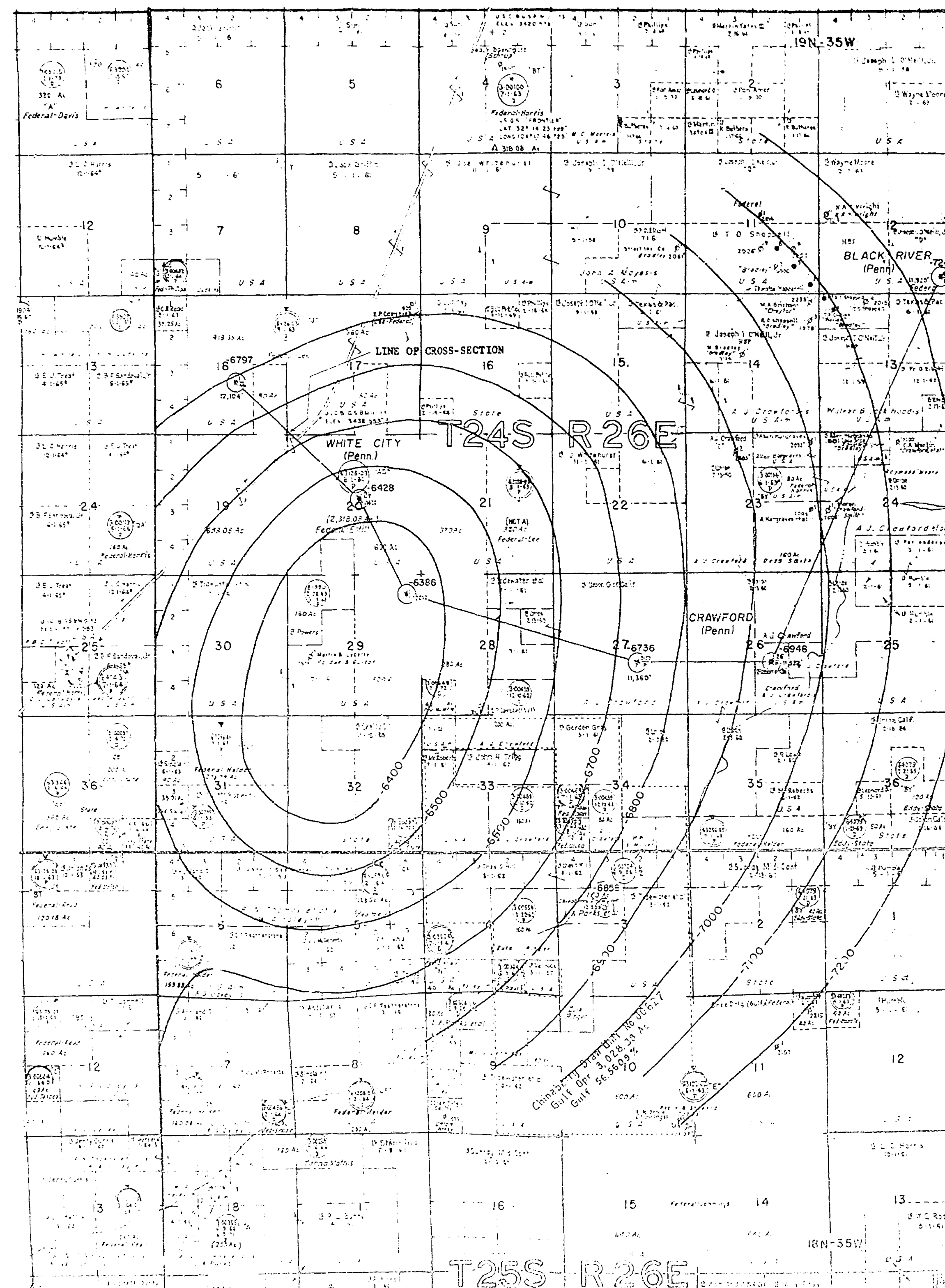
Well	Depth	Formation	Notes
2	0-10	Shale	
2	10-20	Sand	
2	20-30	Shale	
2	30-40	Sand	
2	40-50	Shale	
2	50-60	Sand	
2	60-70	Shale	
2	70-80	Sand	
2	80-90	Shale	
2	90-100	Sand	
2	100-110	Shale	
2	110-120	Sand	
2	120-130	Shale	
2	130-140	Sand	
2	140-150	Shale	
2	150-160	Sand	
2	160-170	Shale	
2	170-180	Sand	
2	180-190	Shale	
2	190-200	Sand	
2	200-210	Shale	
2	210-220	Sand	
2	220-230	Shale	
2	230-240	Sand	
2	240-250	Shale	
2	250-260	Sand	
2	260-270	Shale	
2	270-280	Sand	
2	280-290	Shale	
2	290-300	Sand	
2	300-310	Shale	
2	310-320	Sand	
2	320-330	Shale	
2	330-340	Sand	
2	340-350	Shale	
2	350-360	Sand	
2	360-370	Shale	
2	370-380	Sand	
2	380-390	Shale	
2	390-400	Sand	
2	400-410	Shale	
2	410-420	Sand	
2	420-430	Shale	
2	430-440	Sand	
2	440-450	Shale	
2	450-460	Sand	
2	460-470	Shale	
2	470-480	Sand	
2	480-490	Shale	
2	490-500	Sand	
2	500-510	Shale	
2	510-520	Sand	
2	520-530	Shale	
2	530-540	Sand	
2	540-550	Shale	
2	550-560	Sand	
2	560-570	Shale	
2	570-580	Sand	
2	580-590	Shale	
2	590-600	Sand	
2	600-610	Shale	
2	610-620	Sand	
2	620-630	Shale	
2	630-640	Sand	
2	640-650	Shale	
2	650-660	Sand	
2	660-670	Shale	
2	670-680	Sand	
2	680-690	Shale	
2	690-700	Sand	
2	700-710	Shale	
2	710-720	Sand	
2	720-730	Shale	
2	730-740	Sand	
2	740-750	Shale	
2	750-760	Sand	
2	760-770	Shale	
2	770-780	Sand	
2	780-790	Shale	
2	790-800	Sand	
2	800-810	Shale	
2	810-820	Sand	
2	820-830	Shale	
2	830-840	Sand	
2	840-850	Shale	
2	850-860	Sand	
2	860-870	Shale	
2	870-880	Sand	
2	880-890	Shale	
2	890-900	Sand	
2	900-910	Shale	
2	910-920	Sand	
2	920-930	Shale	
2	930-940	Sand	
2	940-950	Shale	
2	950-960	Sand	
2	960-970	Shale	
2	970-980	Sand	
2	980-990	Shale	
2	990-1000	Sand	

Well	Depth	Formation	Notes
3	0-10	Shale	
3	10-20	Sand	
3	20-30	Shale	
3	30-40	Sand	
3	40-50	Shale	
3	50-60	Sand	
3	60-70	Shale	
3	70-80	Sand	
3	80-90	Shale	
3	90-100	Sand	
3	100-110	Shale	
3	110-120	Sand	
3	120-130	Shale	
3	130-140	Sand	
3	140-150	Shale	
3	150-160	Sand	
3	160-170	Shale	
3	170-180	Sand	
3	180-190	Shale	
3	190-200	Sand	
3	200-210	Shale	
3	210-220	Sand	
3	220-230	Shale	
3	230-240	Sand	
3	240-250	Shale	
3	250-260	Sand	
3	260-270	Shale	
3	270-280	Sand	
3	280-290	Shale	
3	290-300	Sand	
3	300-310	Shale	
3	310-320	Sand	
3	320-330	Shale	
3	330-340	Sand	
3	340-350	Shale	
3	350-360	Sand	
3	360-370	Shale	
3	370-380	Sand	
3	380-390	Shale	
3	390-400	Sand	
3	400-410	Shale	
3	410-420	Sand	
3	420-430	Shale	
3	430-440	Sand	
3	440-450	Shale	
3	450-460	Sand	
3	460-470	Shale	
3	470-480	Sand	
3	480-490	Shale	
3	490-500	Sand	
3	500-510	Shale	
3	510-520	Sand	
3	520-530	Shale	
3	530-540	Sand	
3	540-550	Shale	
3	550-560	Sand	
3	560-570	Shale	
3	570-580	Sand	
3	580-590	Shale	
3	590-600	Sand	
3	600-610	Shale	
3	610-620	Sand	
3	620-630	Shale	
3	630-640	Sand	
3	640-650	Shale	
3	650-660	Sand	
3	660-670	Shale	
3	670-680	Sand	
3	680-690	Shale	
3	690-700	Sand	
3	700-710	Shale	
3	710-720	Sand	
3	720-730	Shale	
3	730-740	Sand	
3	740-750	Shale	
3	750-760	Sand	
3	760-770	Shale	
3	770-780	Sand	
3	780-790	Shale	
3	790-800	Sand	
3	800-810	Shale	
3	810-820	Sand	
3	820-830	Shale	
3	830-840	Sand	
3	840-850	Shale	
3	850-860	Sand	
3	860-870	Shale	
3	870-880	Sand	
3	880-890	Shale	
3	890-900	Sand	
3	900-910	Shale	
3	910-920	Sand	
3	920-930	Shale	
3	930-940	Sand	
3	940-950	Shale	
3	950-960	Sand	
3	960-970	Shale	
3	970-980	Sand	
3	980-990	Shale	
3	990-1000	Sand	



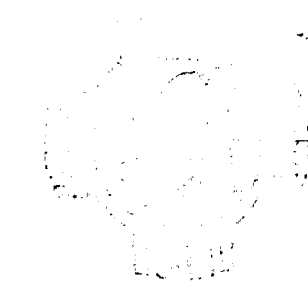


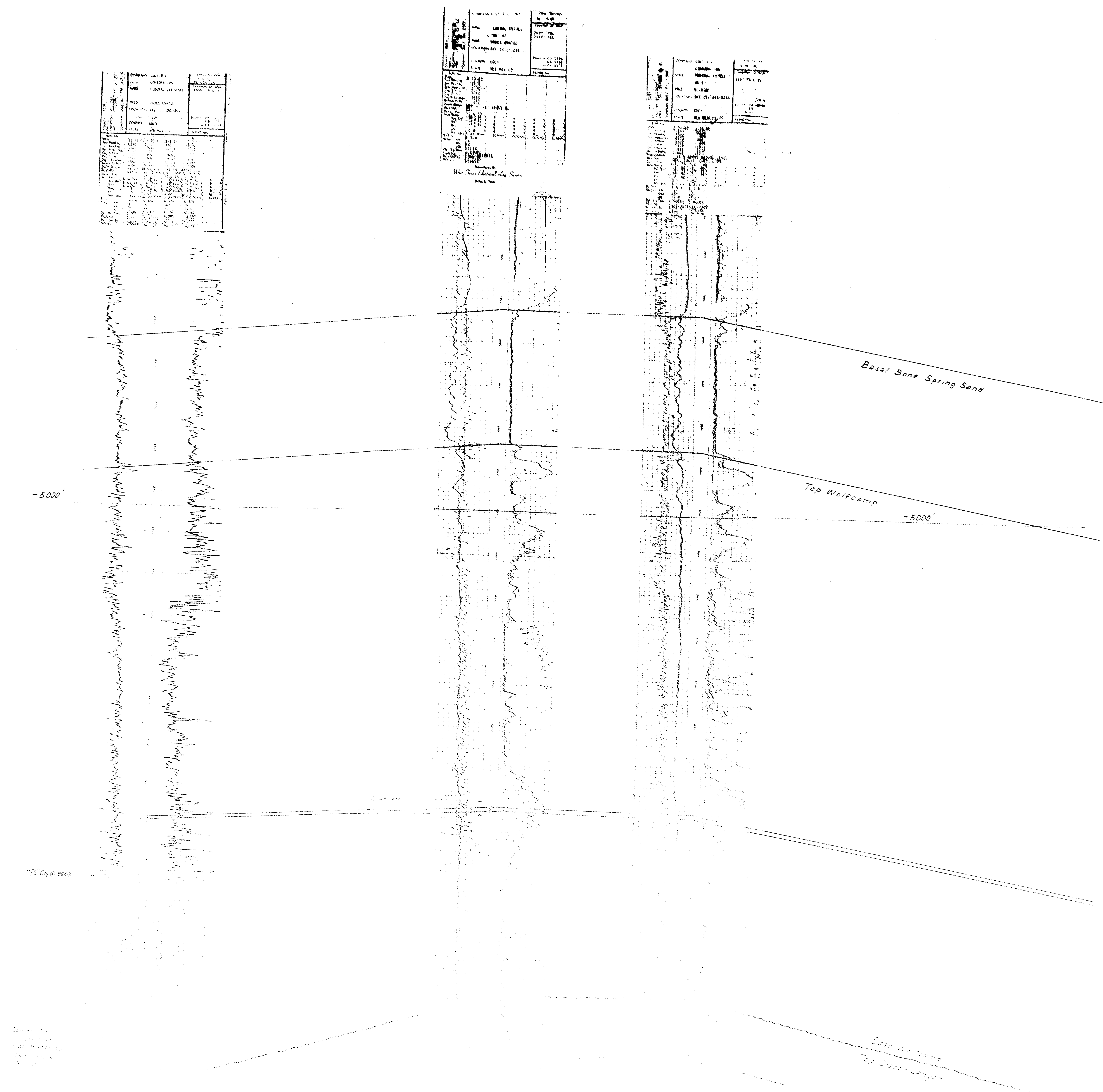


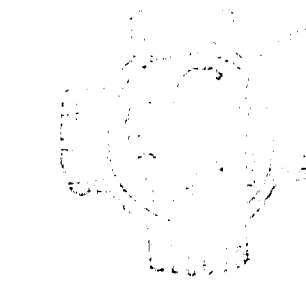


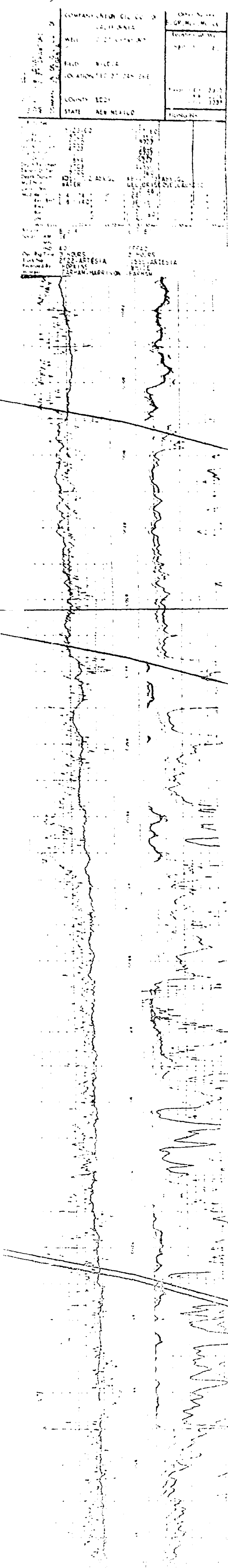
WHITE CITY (Perm.) GAS POOL.
 Paddy County, New Mexico
 Scale: 1" = 3500'
 Contoured: Top Meters
 Interval: 100'

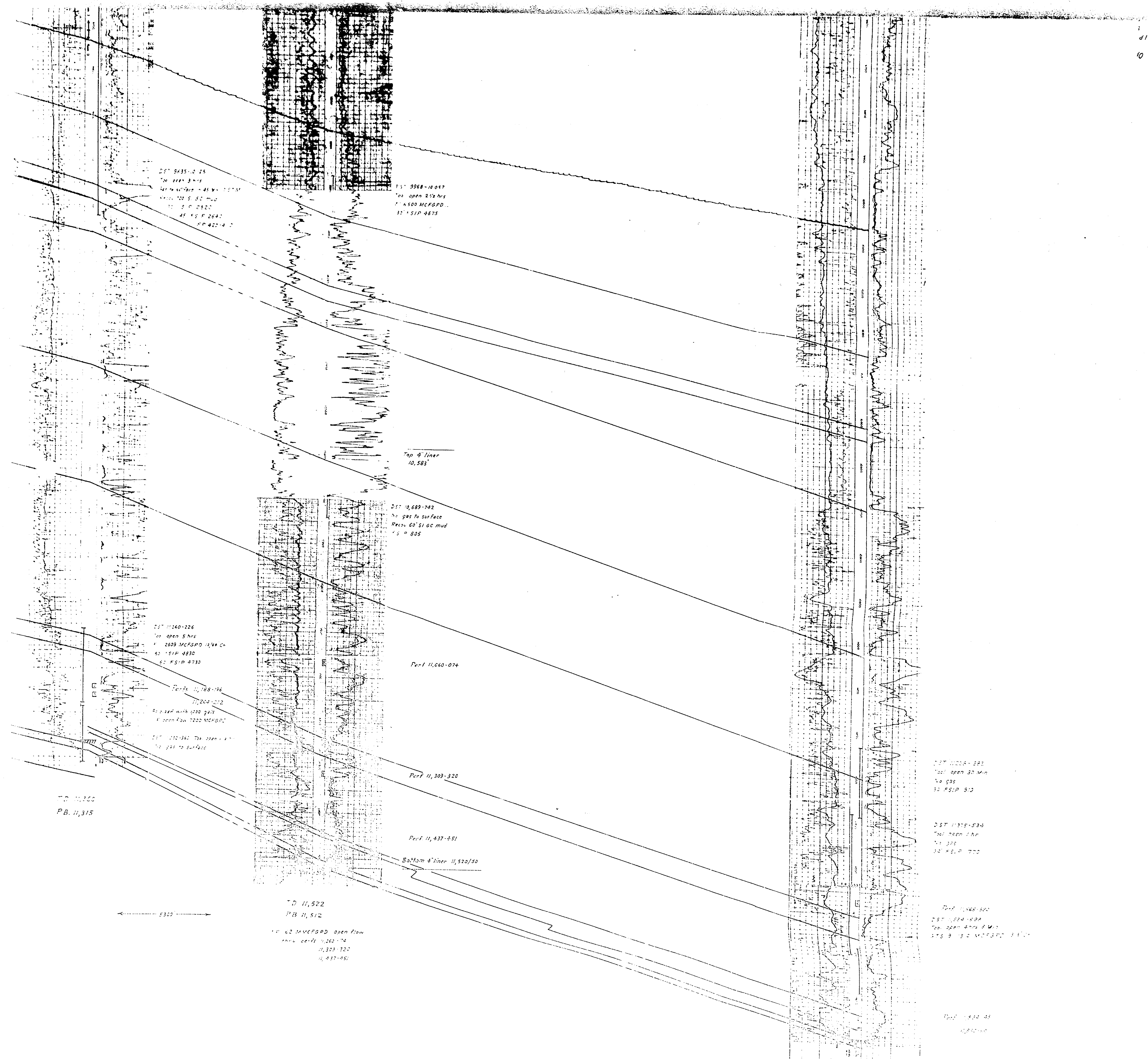
SHEET NO. 1237 (Continued)
 SHEET NO. 1











CROSS-SECTION

Vertical Scale: 1"=100'

Horizontal Scale: None (Distance between wells as indicated)

Case No. 2127, Stevensville

Exhibit No. _____



