

Case No.
6984

Large Exhibits

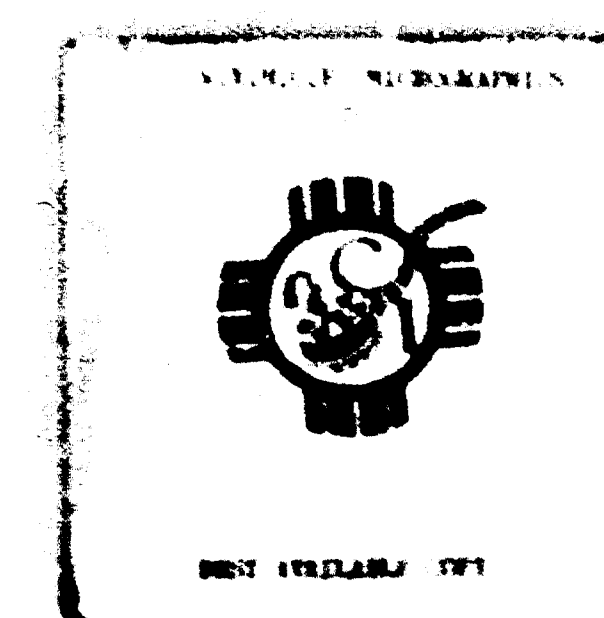


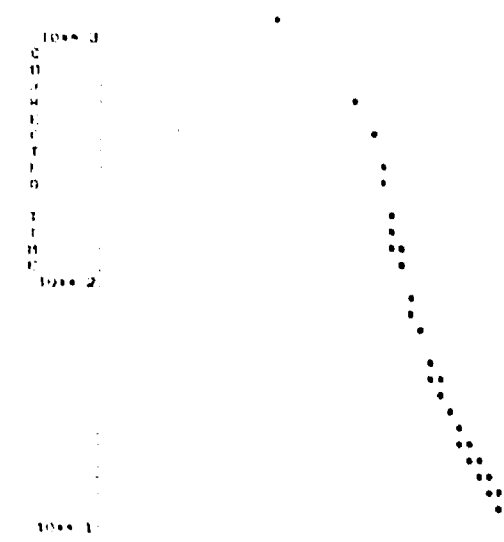
EXHIBIT A
VALUATION REPORT FOR
SITE NO. TWP 14S, R 24E
LIN COUNTY, NEW MEXICO

PRESSURE BUILD-UP ANALYSIS

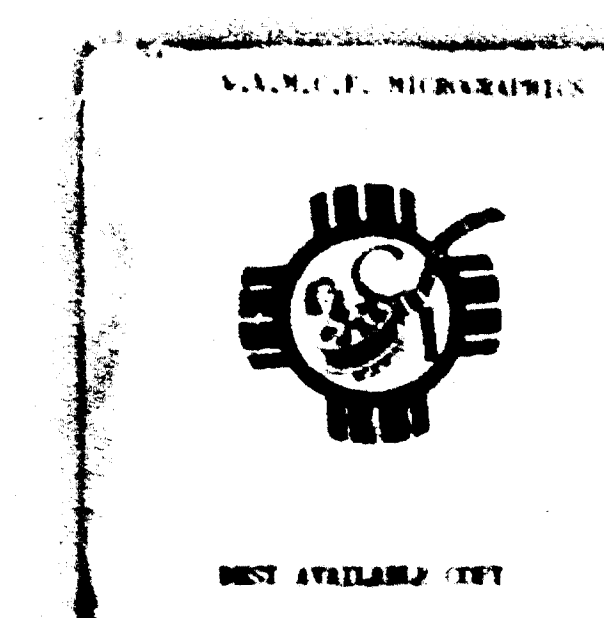
FEEDER USED	RADIUS FEET, F	DEPTH FOOT, F	K (IN/3)	P L NO. (F/3)	CONC. FT. %	DEPTH FOOT	AGE MONTH	
1	2	16	1742.2	0.04	0.17	154.4	3316	0594
2	3	20	1025.7	0.10	0.29	141.7	3444	A623
3	11	147	204.4	0.05	0.47	76.0	4012	4424
3	22	100	355.2	0.09	0.41	122.5	4201	4008

21.14		206.4		6.02		0.37		163.3		2.05	
CONCURRED						CONCURRED					
PAIR	PAIR	PAIR	PAIR	PAIR	PAIR	PAIR	PAIR	PAIR	PAIR	PAIR	PAIR
1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
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31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0
32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0

CORRECTED FOR AFTERLOW
CORRECTED FOR SUPERPOSITION

[illegible]

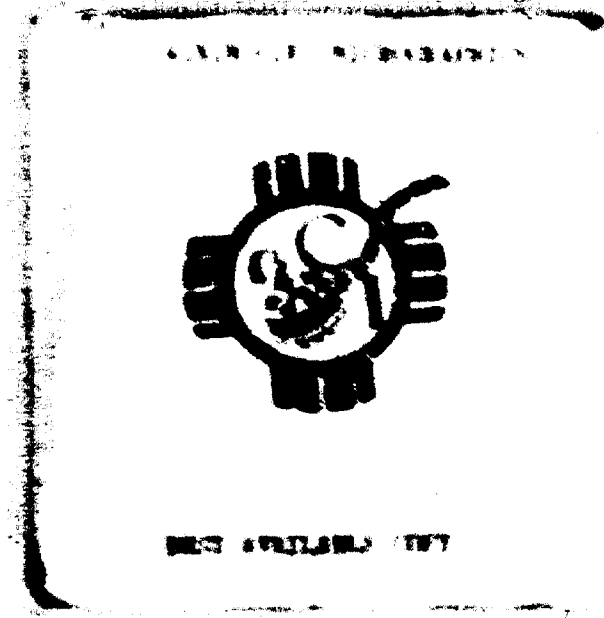
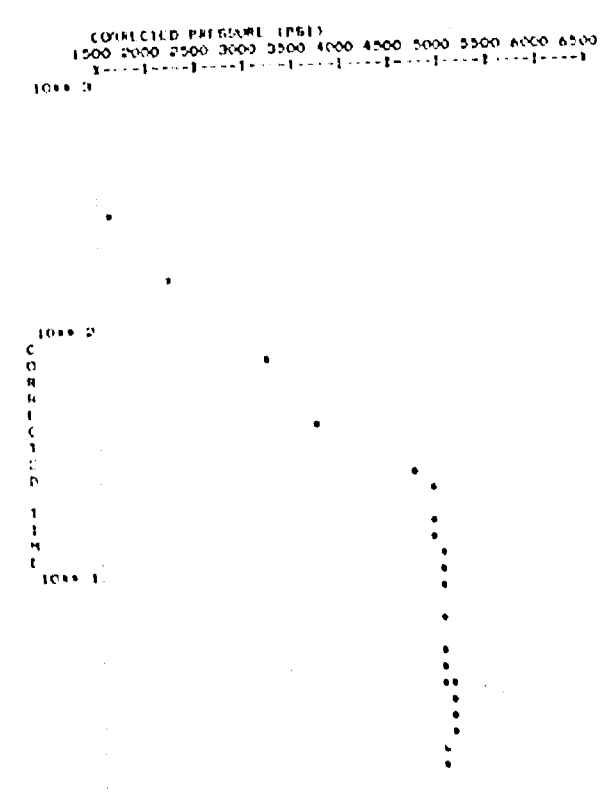
2600 2800 3000 3200 3400 3600 3800 4000 4200 4400 4600
CORRECTED PRESSURE (PSI)



STATION 10
 DATE: 10/10/66
 BY: J. L. BROWN

PRESSURE BUILD-UP ANALYSIS

TIME (HRS)	PRESSURE (PSI)	TIME (HRS)	PRESSURE (PSI)	TIME (HRS)	PRESSURE (PSI)
1.0	1000	1.0	1000	1.0	1000
2.0	1000	2.0	1000	2.0	1000
3.0	1000	3.0	1000	3.0	1000
4.0	1000	4.0	1000	4.0	1000
5.0	1000	5.0	1000	5.0	1000
6.0	1000	6.0	1000	6.0	1000
7.0	1000	7.0	1000	7.0	1000
8.0	1000	8.0	1000	8.0	1000
9.0	1000	9.0	1000	9.0	1000
10.0	1000	10.0	1000	10.0	1000
11.0	1000	11.0	1000	11.0	1000
12.0	1000	12.0	1000	12.0	1000
13.0	1000	13.0	1000	13.0	1000
14.0	1000	14.0	1000	14.0	1000
15.0	1000	15.0	1000	15.0	1000
16.0	1000	16.0	1000	16.0	1000
17.0	1000	17.0	1000	17.0	1000
18.0	1000	18.0	1000	18.0	1000
19.0	1000	19.0	1000	19.0	1000
20.0	1000	20.0	1000	20.0	1000
21.0	1000	21.0	1000	21.0	1000
22.0	1000	22.0	1000	22.0	1000
23.0	1000	23.0	1000	23.0	1000
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25.0	1000	25.0	1000	25.0	1000
26.0	1000	26.0	1000	26.0	1000
27.0	1000	27.0	1000	27.0	1000
28.0	1000	28.0	1000	28.0	1000
29.0	1000	29.0	1000	29.0	1000
30.0	1000	30.0	1000	30.0	1000
31.0	1000	31.0	1000	31.0	1000
32.0	1000	32.0	1000	32.0	1000
33.0	1000	33.0	1000	33.0	1000
34.0	1000	34.0	1000	34.0	1000
35.0	1000	35.0	1000	35.0	1000
36.0	1000	36.0	1000	36.0	1000
37.0	1000	37.0	1000	37.0	1000
38.0	1000	38.0	1000	38.0	1000
39.0	1000	39.0	1000	39.0	1000
40.0	1000	40.0	1000	40.0	1000
41.0	1000	41.0	1000	41.0	1000
42.0	1000	42.0	1000	42.0	1000
43.0	1000	43.0	1000	43.0	1000
44.0	1000	44.0	1000	44.0	1000
45.0	1000	45.0	1000	45.0	1000
46.0	1000	46.0	1000	46.0	1000
47.0	1000	47.0	1000	47.0	1000
48.0	1000	48.0	1000	48.0	1000
49.0	1000	49.0	1000	49.0	1000
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53.0	1000	53.0	1000	53.0	1000
54.0	1000	54.0	1000	54.0	1000
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56.0	1000	56.0	1000	56.0	1000
57.0	1000	57.0	1000	57.0	1000
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60.0	1000	60.0	1000	60.0	1000

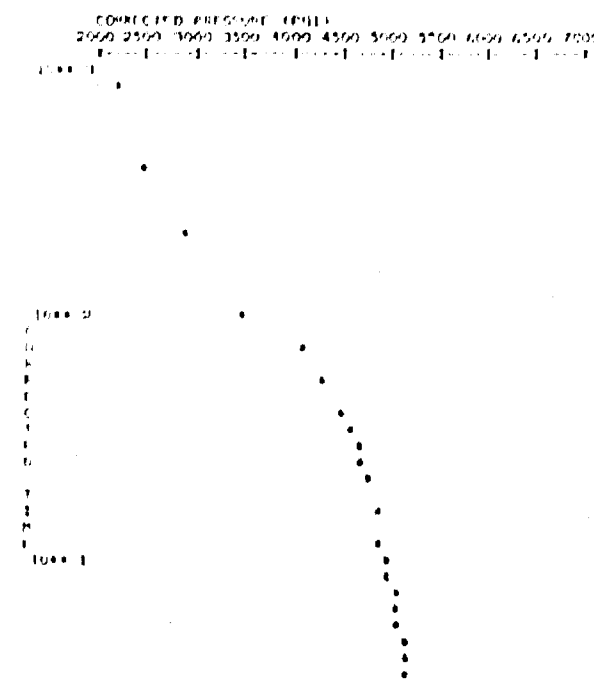


PROBING
 1000 PSI
 1000 PSI
 1000 PSI

PRESSURE BUILD-UP ANALYSIS

TIME (HRS)	PRESSURE (PSI)	TIME (HRS)	PRESSURE (PSI)	TIME (HRS)	PRESSURE (PSI)
0.0	1000	0.5	1000	1.0	1000
0.1	1000	0.6	1000	1.1	1000
0.2	1000	0.7	1000	1.2	1000
0.3	1000	0.8	1000	1.3	1000
0.4	1000	0.9	1000	1.4	1000
0.5	1000	1.0	1000	1.5	1000
0.6	1000	1.1	1000	1.6	1000
0.7	1000	1.2	1000	1.7	1000
0.8	1000	1.3	1000	1.8	1000
0.9	1000	1.4	1000	1.9	1000
1.0	1000	1.5	1000	2.0	1000

TIME (HRS)	PRESSURE (PSI)	TIME (HRS)	PRESSURE (PSI)	TIME (HRS)	PRESSURE (PSI)
2.0	1000	2.1	1000	2.2	1000
2.3	1000	2.4	1000	2.5	1000
2.6	1000	2.7	1000	2.8	1000
2.9	1000	3.0	1000	3.1	1000
3.2	1000	3.3	1000	3.4	1000
3.5	1000	3.6	1000	3.7	1000
3.8	1000	3.9	1000	4.0	1000
4.1	1000	4.2	1000	4.3	1000
4.4	1000	4.5	1000	4.6	1000
4.7	1000	4.8	1000	4.9	1000
5.0	1000	5.1	1000	5.2	1000



1000 PSI
 1000 PSI
 1000 PSI



2007-08-01

[illegible]

1 000 2000 3000 4000 5000 6000 7000 8000 9000 10000
CORRECTED PRESSURE (PSI)



EXHIBIT 2
PRODUCTION STATISTICS
AUSTIN MISSISSIPPIAN (GAS) FIELD
LEA COUNTY, NEW MEXICO
Ralph H. Vinay & Associates, Inc.
Engineering Consultants

Operator Lease	1979										1980				
	May	June	July	August	September	October	November	December	Totals for Year 1979	Cumulative Production 12-31-79	January	February	March	April	May
Adobe Oil & Gas Hannah #1															
Gas	27,625	15,853	16,077	13,838	12,678	16,168	8,182	14,560	119,221	119,221	11,378	6,658	8,229		
Oil	186	303	275	298	182	195	83	196	1,908	1,908	126	59	112		
Water	240	160	145	100	192	100	121	200	1,378	1,378	199	188	117		
State 16 #1															
Gas	22,812	9,605	6,384	1,879	5,735	8,232	5,076	4,412	67,596	69,505	3,167	2,716	3,381		
Oil	213		29			175	66	13	593	593	162	129	161		
Water	99	102	100	75	135	136	70	68	784						
State 16 #2															
Gas						19,559	15,375	8,077	43,892	43,892	3,139	6,608	6,110		
Oil						281	364		645	645		112	81		
Water						179	285	235	610	610	291	188	280		
Barney E. Yates Company Acuña Monticelli #1															
Gas												371	41,682		
Oil												13	1,117		
Water															
Yates Petroleum Corporation Barbee #1															
Gas													21,763		
Oil													741		
Water															

EXHIBIT 2



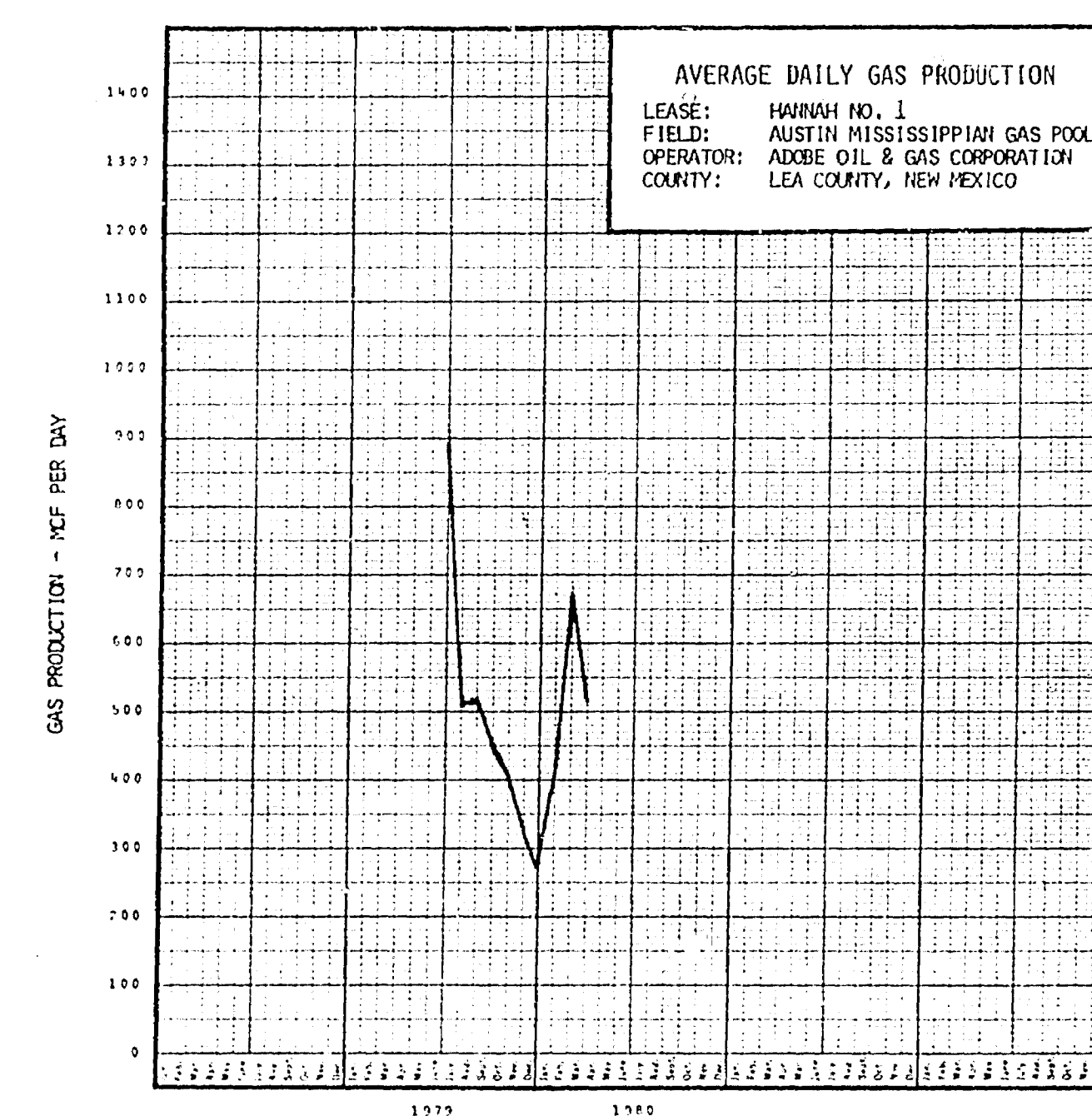


EXHIBIT 2A



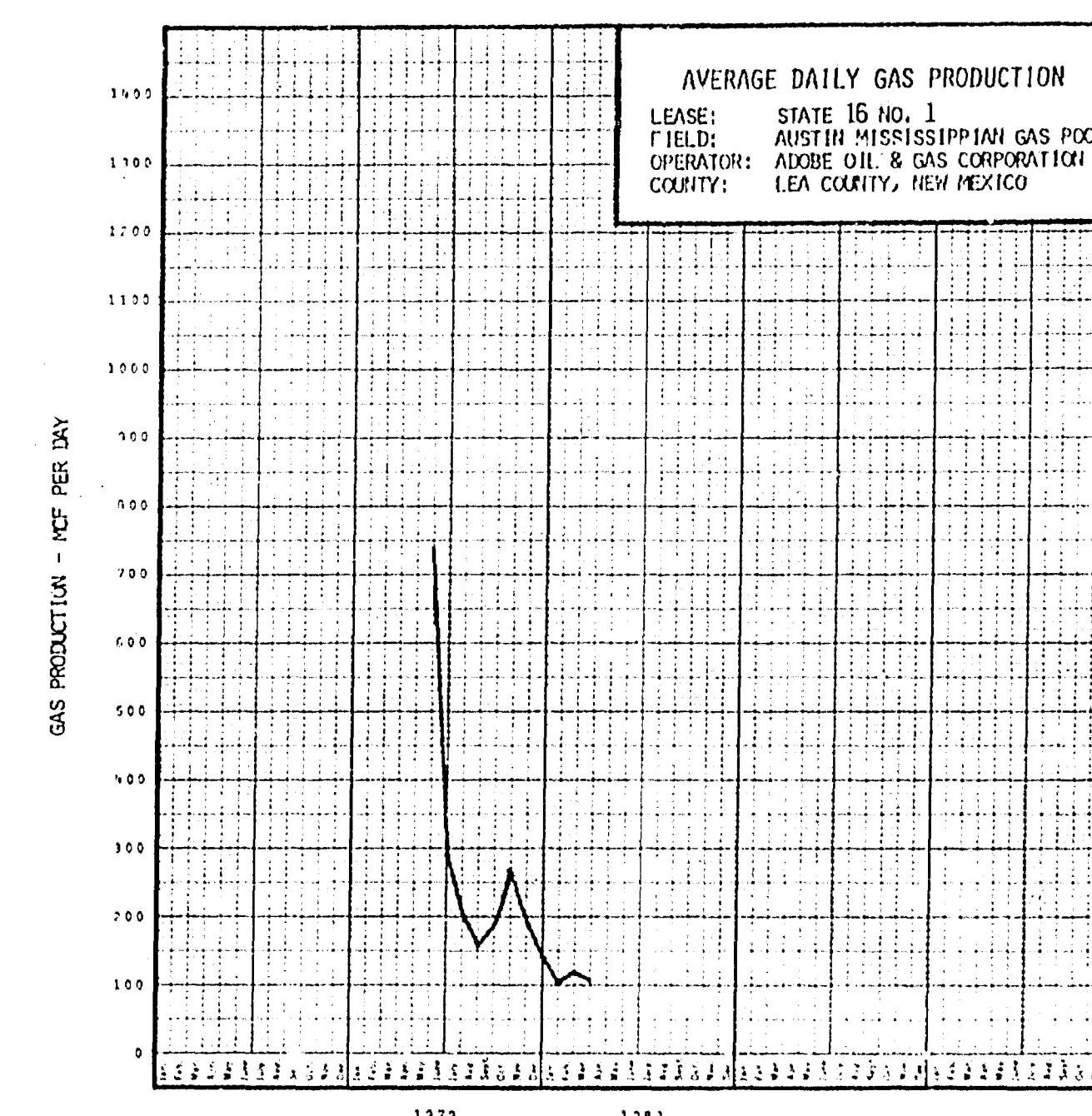


EXHIBIT 23



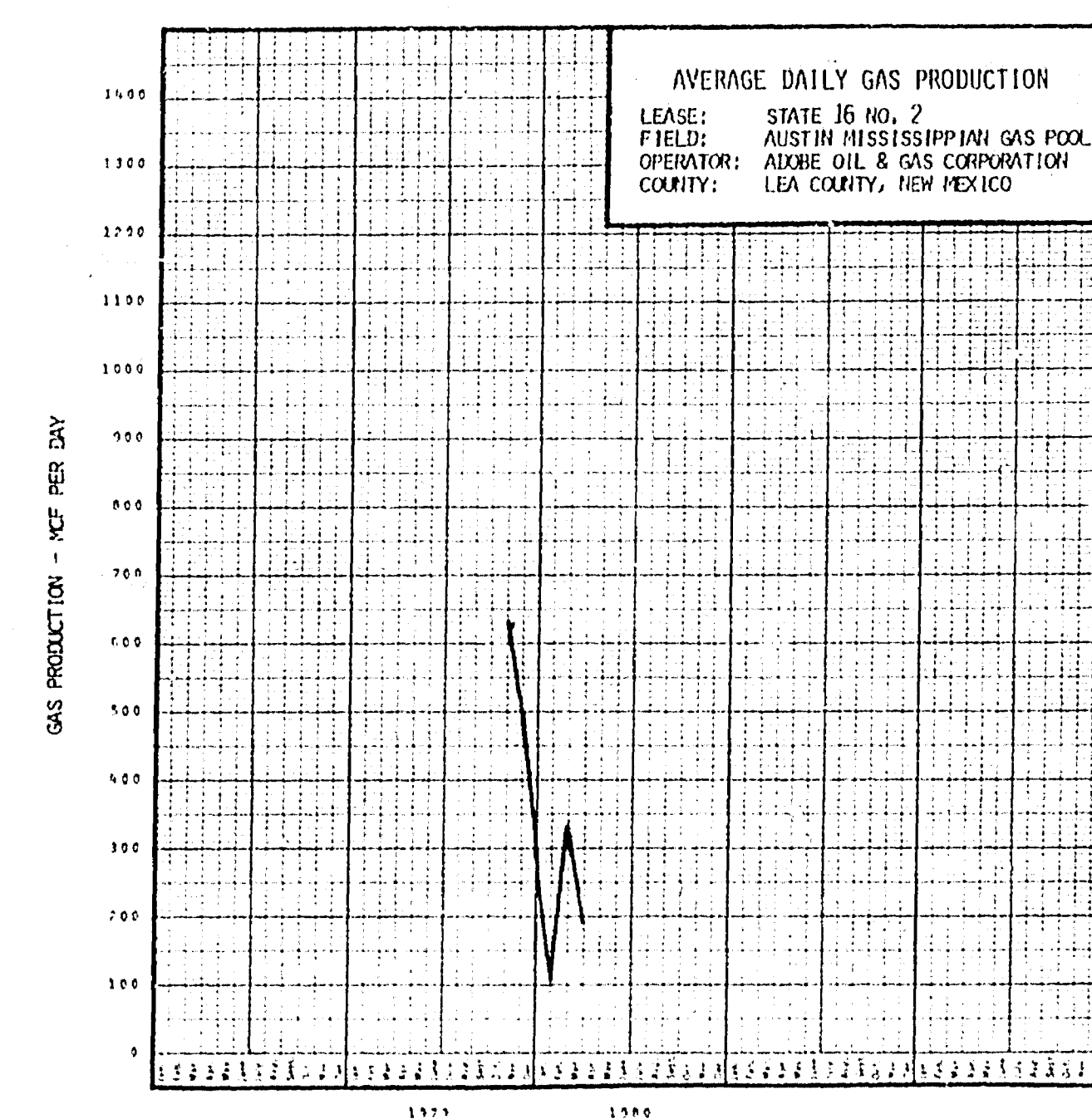
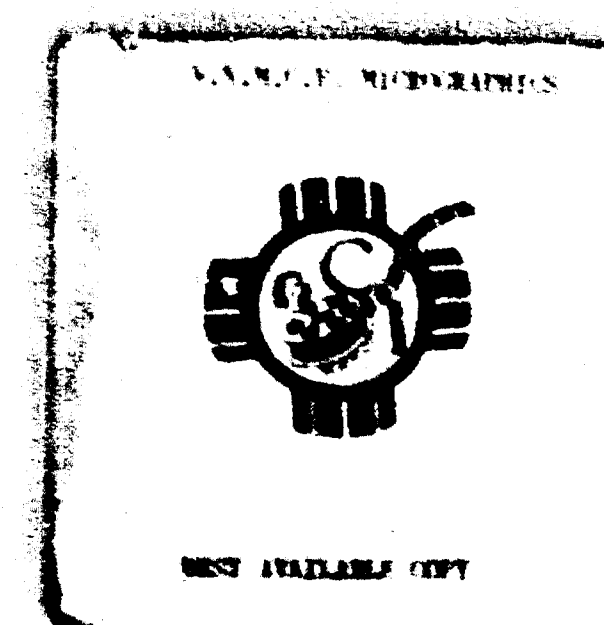


EXHIBIT 2c



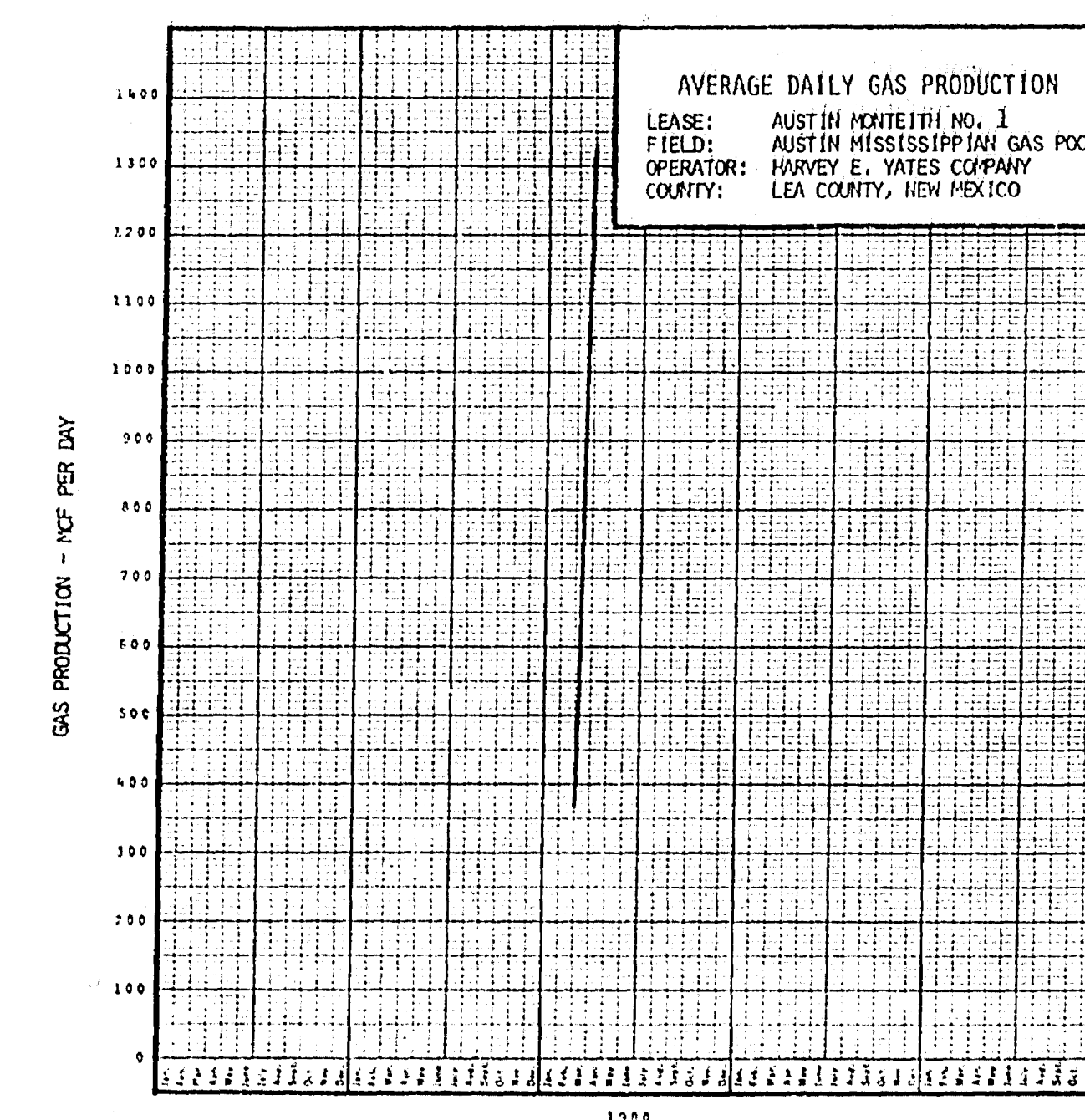
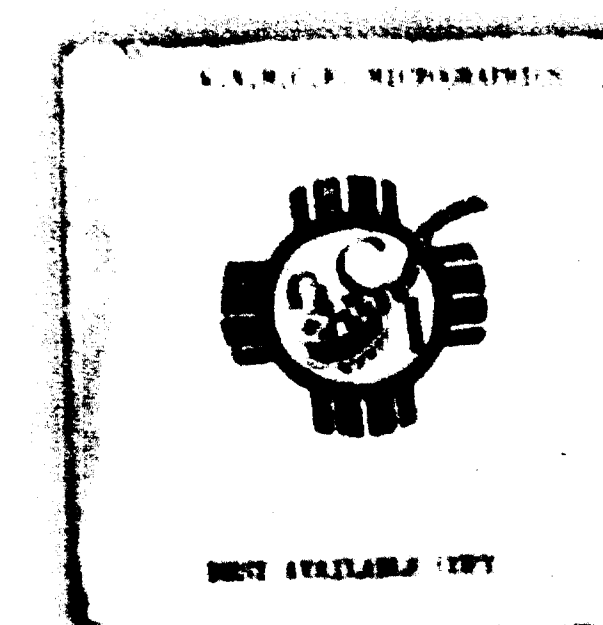


EXHIBIT 2 D



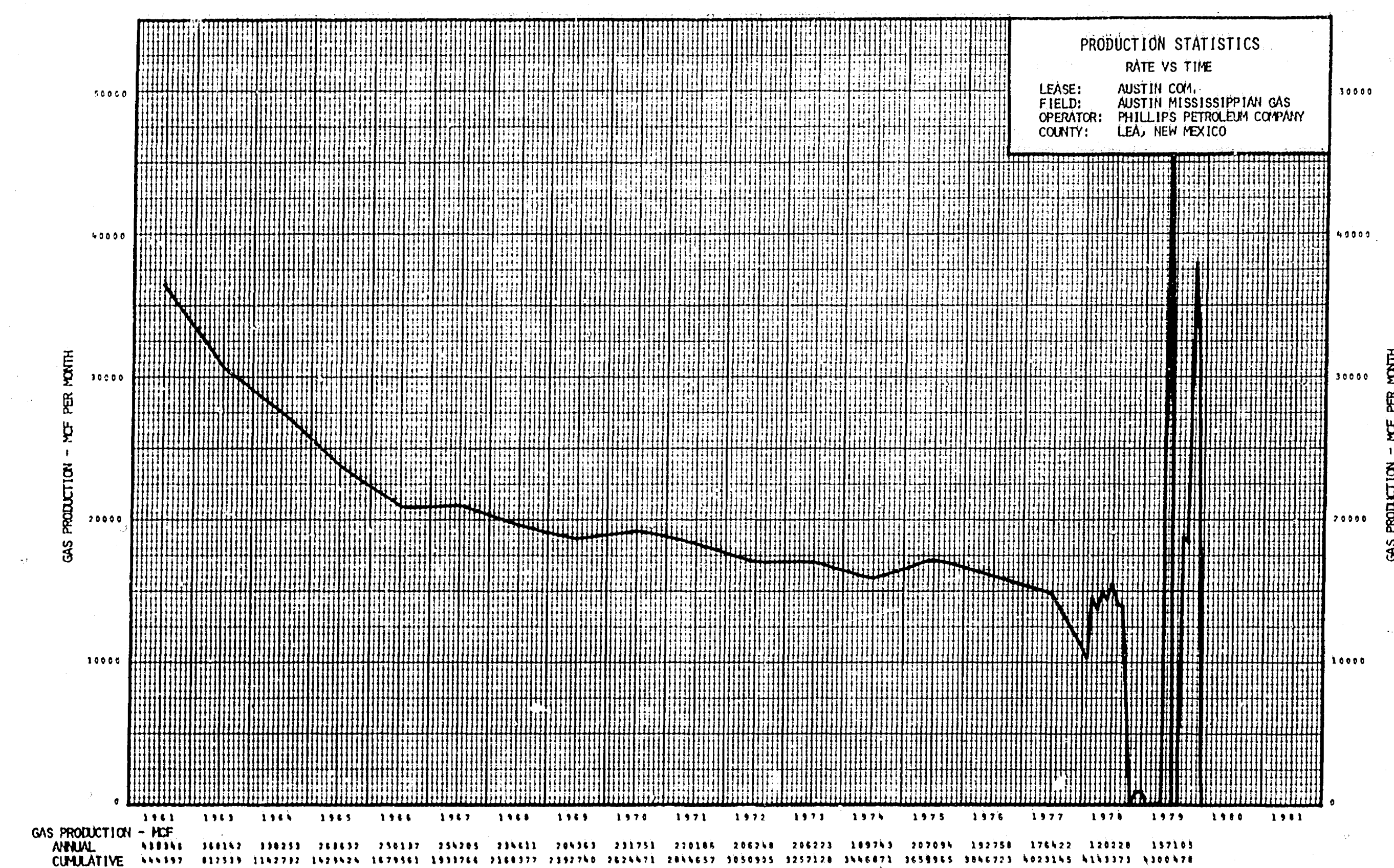
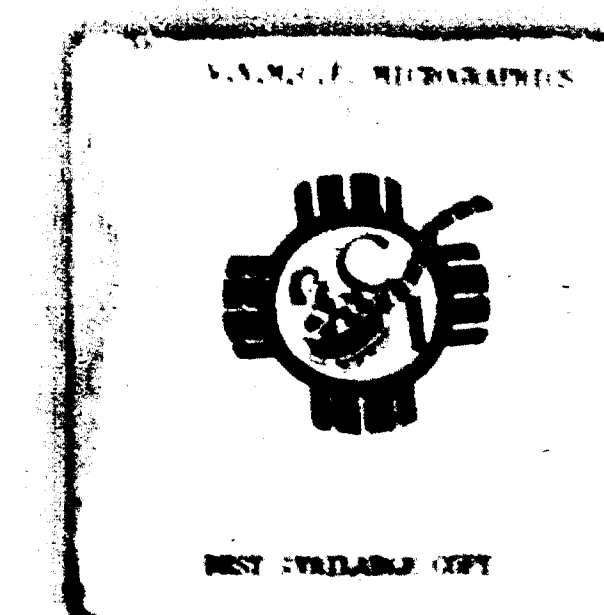
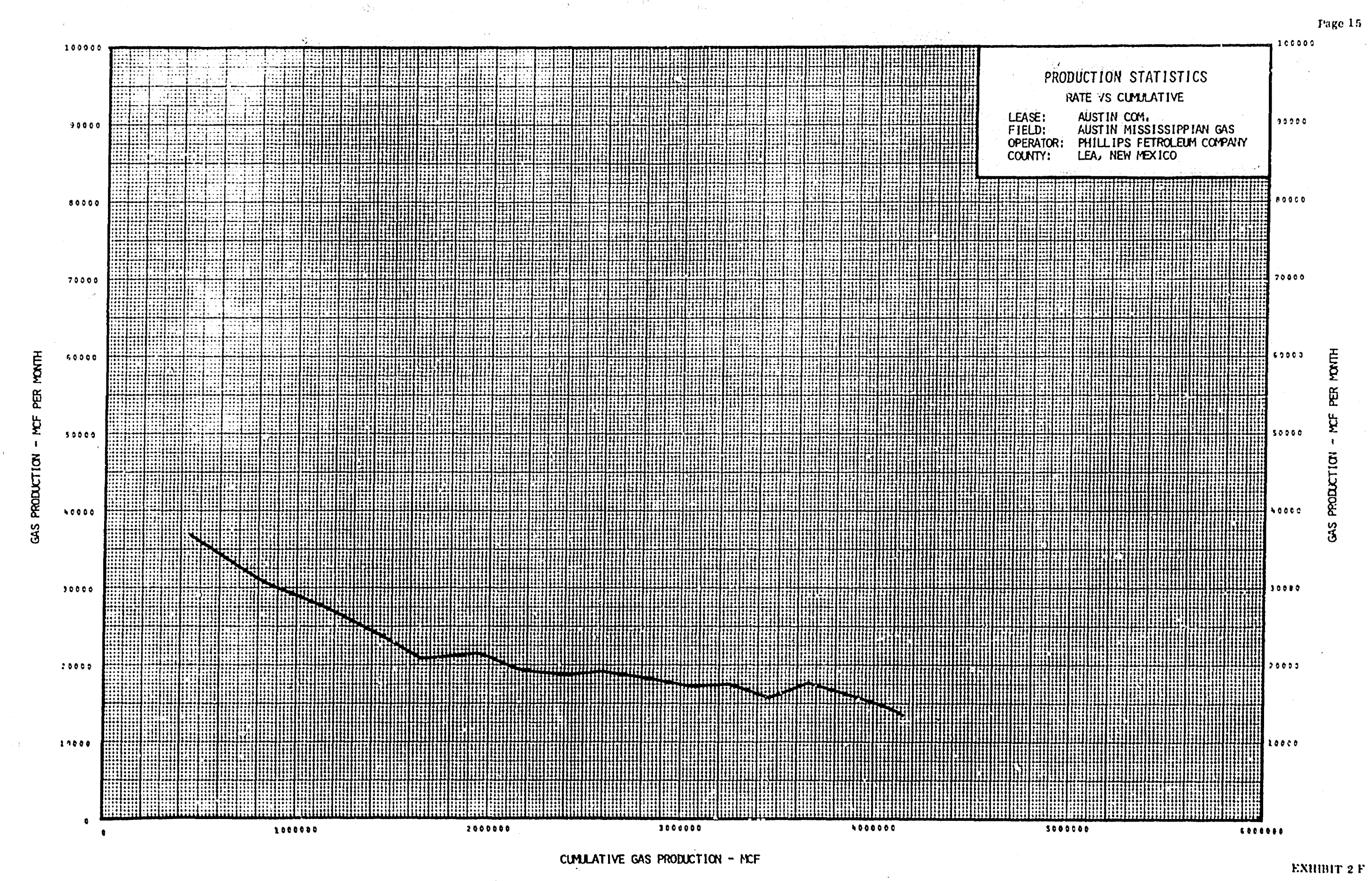


EXHIBIT 2 E





Return exhibit 3 1-F (80)
 EXHIBIT 1 F
 SOUTHERN UNION STATE 17
 DEC. 17, 1961, R. 20E
 LEA COUNTY, NEW MEXICO

PRESSURE DRAWDOWN ANALYSIS

POINTS USED	SLOPE PSI/CYCL	RADIUS REACHED FT	PORE VOLUME MD	HYDROCAR VOLUME	K (MD)	COMPL. EFF.
UNSTEADY-STATE ANALYSIS:						
1- 2	231.0	37.	5.675	4.197	0.05	221.6
SEMI-STEADY STATE ANALYSIS:						
2- 4	103.0		6.417	4.654		
POINT	HOURS	RATE	PRESSURE	DP/IN	PLOT	
1	1.00	907.0	3707.0	0.286	0.000	
2	2.00	1251.0	3554.0	0.329	0.210	
3	3.00	1087.0	3465.0	0.265	0.239	
4	4.00	2739.0	3348.0	0.226	0.329	



ANNEX 1
ASBESTOS - MONITORING PLAN REVISION
FOR THE 1997-1998 MONITORING PERIOD
PROVISIONS OF THE ASBESTOS MONITORING PLAN
CHARACTERISTICS, MONITORING, AND ANALYSIS OF MONITORING DATA
DATE: 1997-1998 MONITORING PERIOD
REVISION: 1997-1998 MONITORING PERIOD
Engineering Conditions

Chart Number	Chart Title	Chart Description	Chart Title	Chart Description	Chart Title	Chart Description	Chart Title	Chart Description	Chart Title	Chart Description
Chart 1	Chart 1 Title	Chart 1 Description	Chart 2	Chart 2 Title	Chart 2 Description	Chart 3	Chart 3 Title	Chart 3 Description	Chart 4	Chart 4 Title
Chart 5	Chart 5 Title	Chart 5 Description	Chart 6	Chart 6 Title	Chart 6 Description	Chart 7	Chart 7 Title	Chart 7 Description	Chart 8	Chart 8 Title
Chart 9	Chart 9 Title	Chart 9 Description	Chart 10	Chart 10 Title	Chart 10 Description	Chart 11	Chart 11 Title	Chart 11 Description	Chart 12	Chart 12 Title
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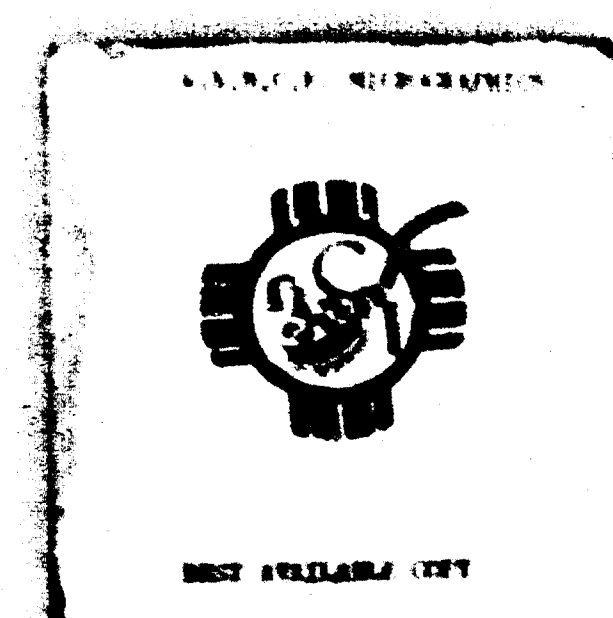
Additional Exhibit 3-1

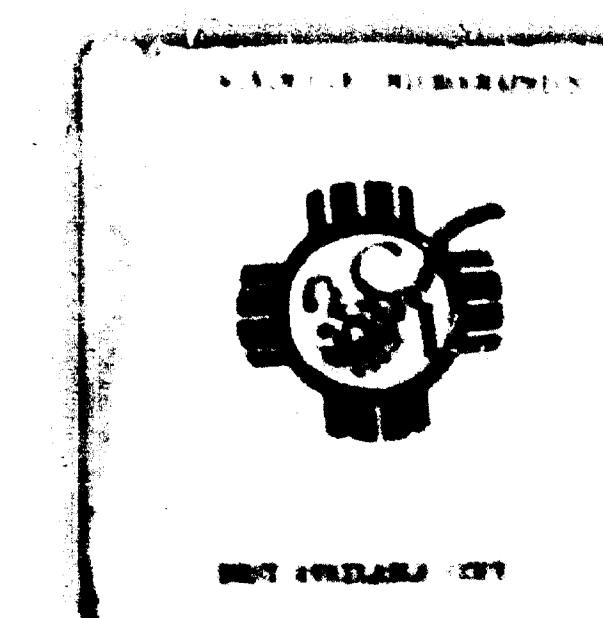


2015	1455	1100
2016	961	492
1989	974	836
1972	992	793
1968	945	163

*to the center
of the fountain*

*Waldendams
agrest c.h.h. 3-1*

Addendum 3-1★



SOUTHWESTERN LABORATORIES
FORT WORTH - DALLAS - HOUSTON - DULLES, VIRGINIA - TEXARKANA
CONSULTING, ANALYTICAL CHEMISTS
AND TESTING ENGINEERS

Midland Texas 7-2-80 File No. C-1990-20

Report of tests on Field
To Harvey E. Yates Date Rec'd 6-30-80

Received from
Identification Mark: Austin Wastleth No. 1, Separator Liquid, 6-26-80,
131 psi @ 80° F., Flashed to Atmos.

DISTILLATION, ASTM D-86

Percent Distilled	Observed Temperature* F
1st B.P.	108
5	160
10	195
20	202
30	220
40	240
50	260
60	288
70	322
80	364
90	454
95	538
	End Point

Percent Recovery 96.0
Percent Residue 1.5
Percent Loss 2.5
Gravity 0.711 * A.P.I. @ 60° F
Color lt. straw

Bar. Press. ---- 687 mm Hg

Joe Harvey Yates
Joe DeHaller
Joe R. Vinay

Lab. No. 44312

SOUTHWESTERN LABORATORIES

John H. Butler

EXHIBIT 3 E



SOUTHWESTERN LABORATORIES
FORT WORTH - DALLAS - HOUSTON - MIDLAND - BEAUMONT - TEXARKANA
CONSULTING, ANALYTICAL CHEMISTS
AND TESTING ENGINEERS

Midland, Texas 7-2-80 File No. C-1950-G

Report of tests on Fluid
To Harvey E. Yates Date Rec'd. 5-30-80
Received from
Identification Marks Austin Menthloth No. 1, Separator Liquid

PRESS. & TEMP.	TOTAL VOL. ml	GAS VOL. cu. ft. @ 60° F.	RESIDUE VOL. ml
133 psi @ 80° F.	508.0	0.238 @ 82.5° F.	490.0

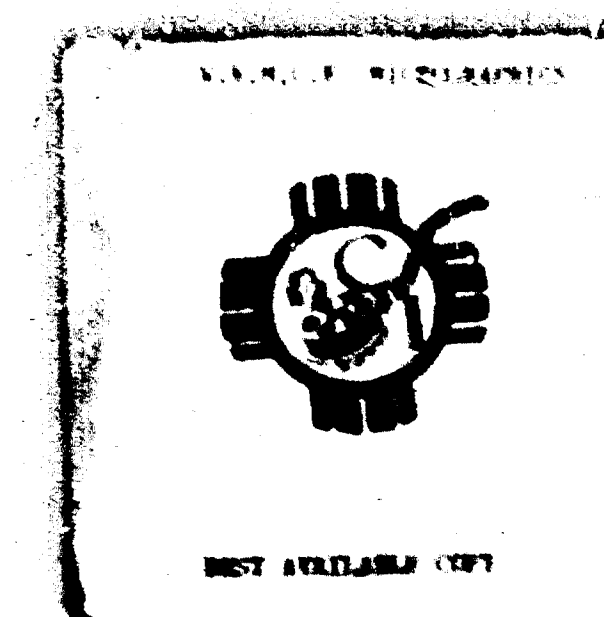
Joe Harvey E. Yates
Joe Refugio
Joe R. Vinay

SOUTHWESTERN LABORATORIES
John H. Batten

Lab. No. 44312

Our letters and papers are for the exclusive use of the client to whom they are addressed. The use of our names must receive our prior written approval. Our letters and reports apply only to the material tested and are not necessarily indicative of the quality of material or similar products.

EXHIBIT 3 F



SOUTHWESTERN LABORATORIES
FORT WORTH, DALLAS, HOUSTON, MEALAND, BEAUMONT, TEXARKANA
CONSULTING, ANALYTICAL CHEMISTS
AND TESTING ENGINEERS

Page 23

Midland Texas 7-2-80 File No. C-1950-M

Report of tests on Water
To Harvey E. Yates Date Rec'd. 6-30-80
Received from
Identification Marks Austin Hentleth (1), Separator Water,
6-26-80, Sampled by Tottolier

Calcium	mg/L	400
Magnesium		73
Sodium (Calc.)		4686
Iron		High, Greater than 5
Carbonate		None
Bicarbonate		362
Sulfate		186
Chloride		7801
Total Dissolved Solids (Calc.)		13327
Total Hardness (as CaCO ₃)		1299
Resistivity	0.390 @ 87° F.	
pH	6.22	

Joe Harvey E. Yates
Joe Tottolier
Joe H. Vinney
Lab. No. 31635

SOUTHWESTERN LABORATORIES
Jack H. Butler

This report is a summary of the results of the tests performed. The use of this report does not constitute an endorsement of the results or the methods used. The results are the property of the client and should not be used for any other purpose without the written consent of the client.

EXHIBIT 34

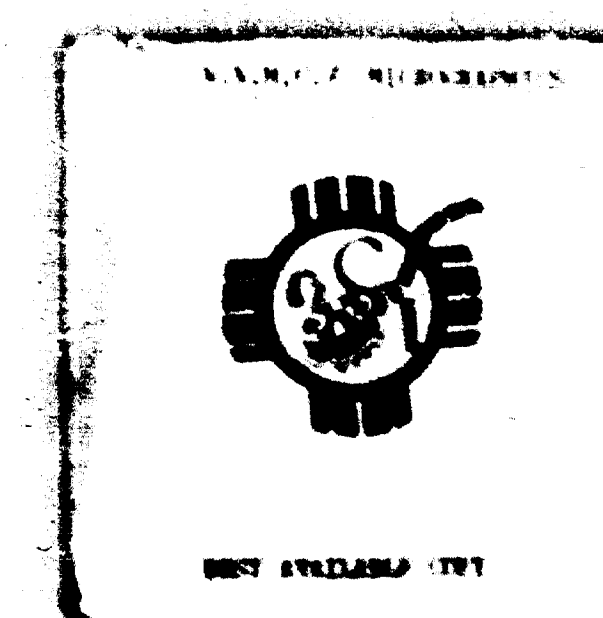
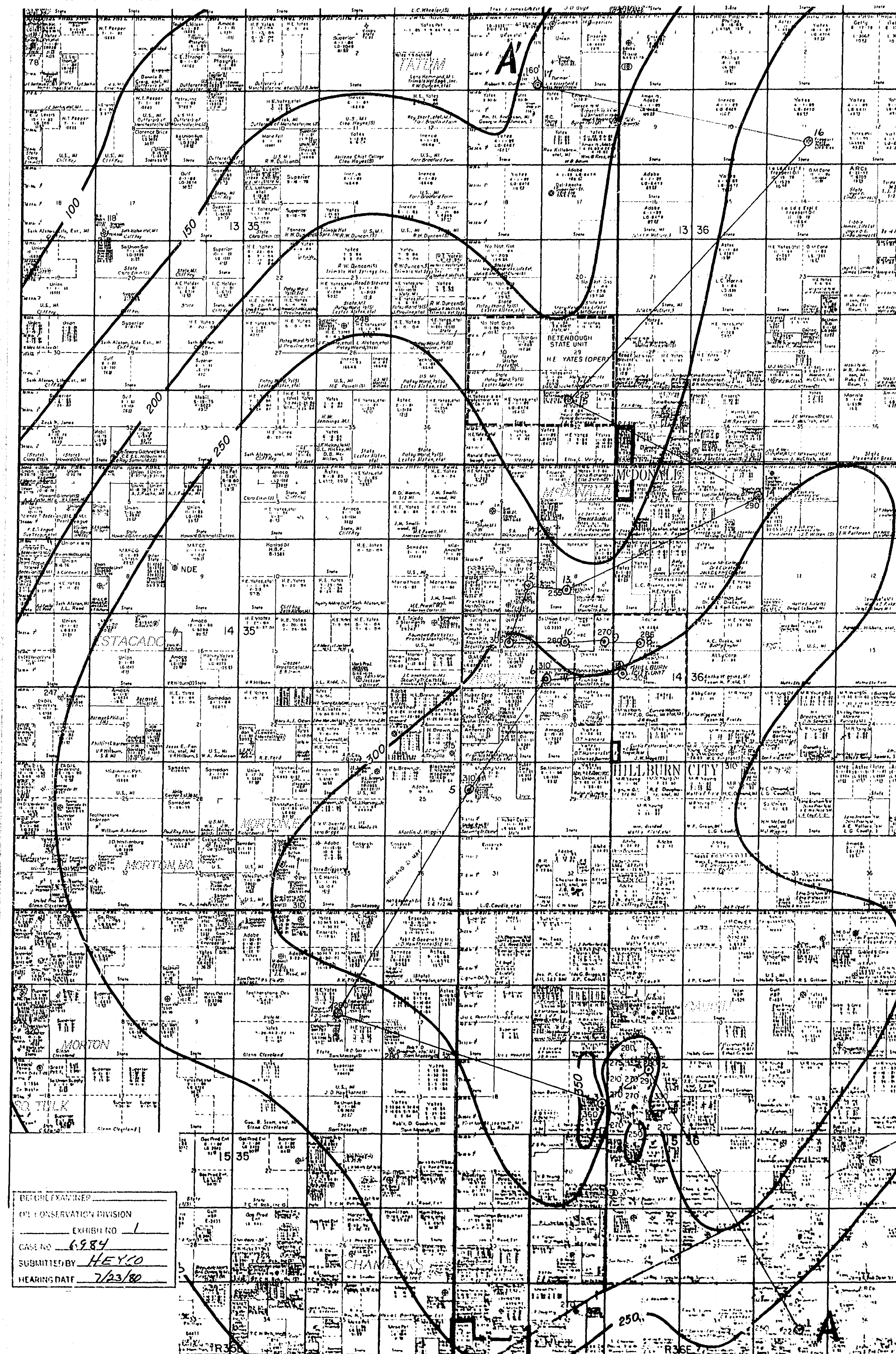
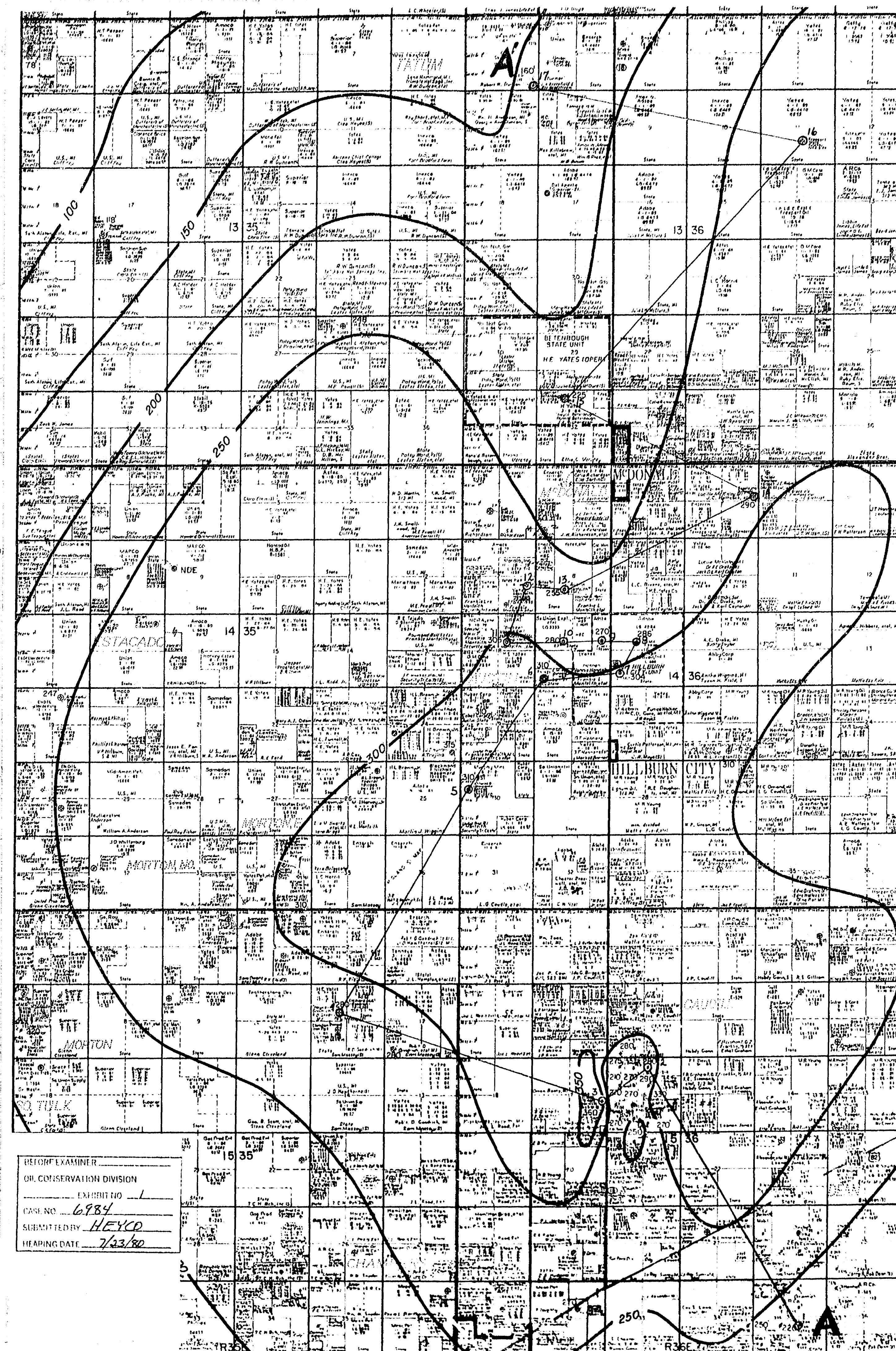


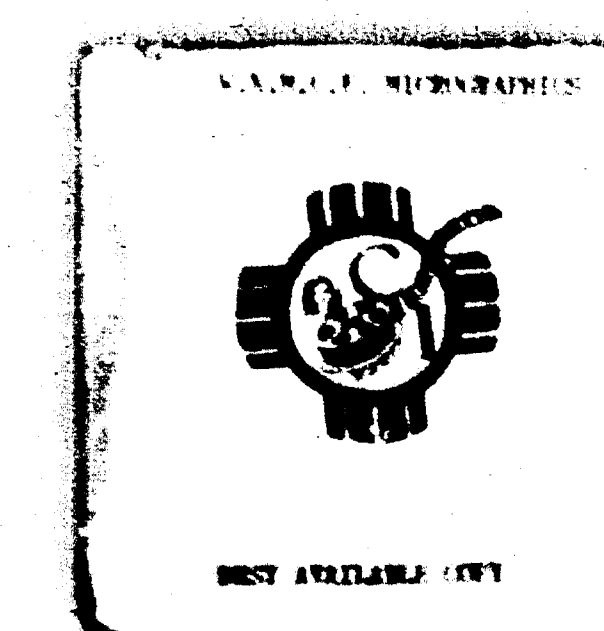
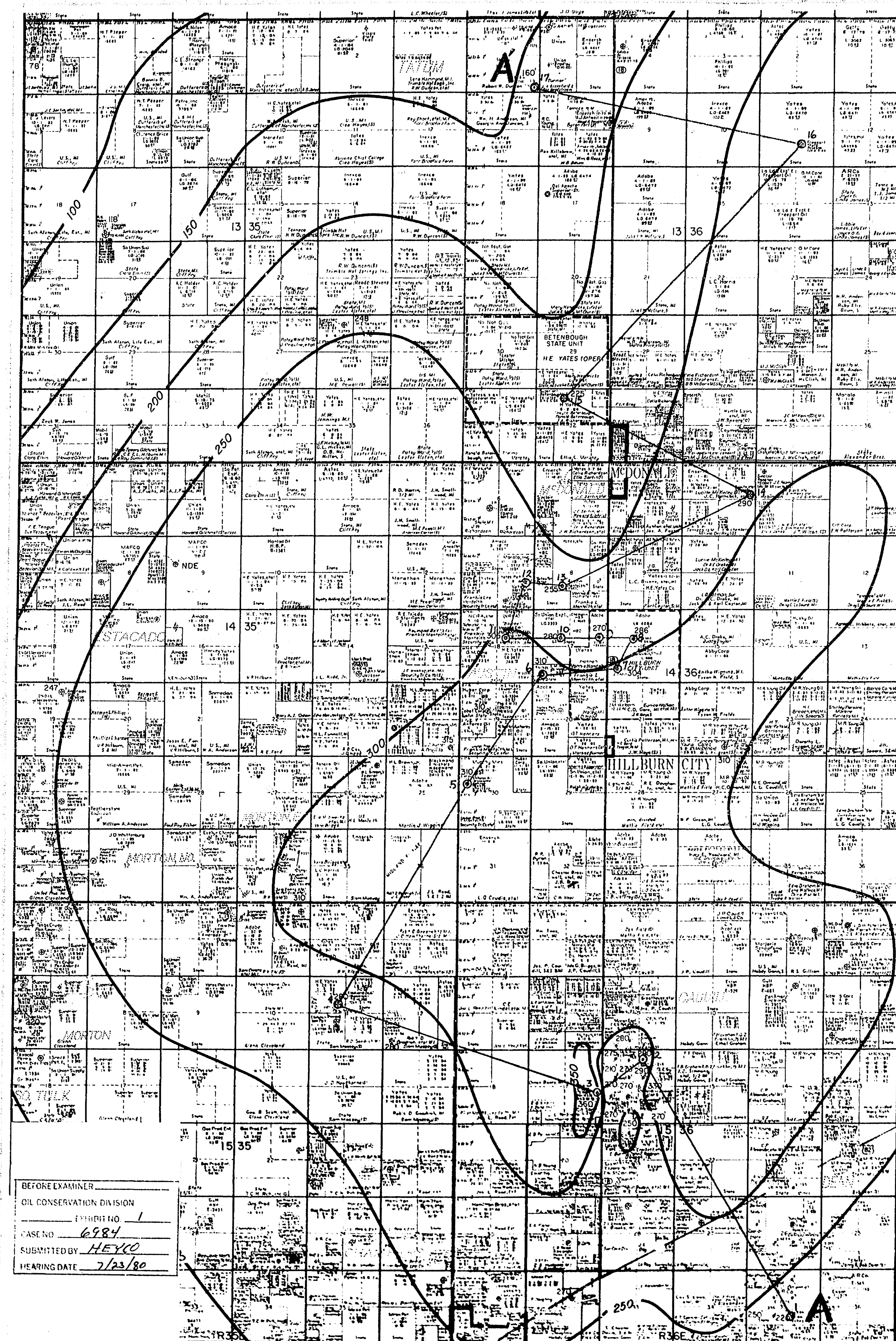
EXHIBIT 4
WELL DATA
MISSISSIPPI GAS POOL
LOA COUNTY, NEW MEXICO
Ralph W. Vinney & Associates, Inc.
Engineering Consultants

Field Operator	County and State Lease Name and Well Number	Legal Description	Elevation	Date of Completion or Recompletion	Total Depth and Plug Back	Casing Record			Producing Zone	Perforated Interval	Well Stimulation	Initial Potential Test Data										Gravity		Remarks	
						Size	Depth	Cement				Choke Size	Test Interval	Gas MCFD	Condensate BOPD	Gas-Oil Ratio	Water BOPD	Tubing Pressure	Bottom Hole Pressure	Casing Pressure	Gas Air = 1	Condensate API			
Austin Field	Los County, New Mexico																								
Adobe Oil & Gas Corp.	Hannah #1	Parcel H, Section 17, T-14-S, R-36-E	3954' GR	3-26-79	13,832'	13-3/8"	371'	450 Sx	Mississippi	13,397'-13,460'	Acidized w/4000 Gale 20% Acid	8/64"	00 Min	810	-	51262	-	2375	-	-	0.68	-	Flowed 2700 MCFOPD for 4 hours on 16/64" ch w/tubing pressure 1400 psi.		
					13,520'	8-5/8"	4,840'	1890 Sx				12/64"	60 Min	1480	-	-	-	2320	-	-	-	-			
					13,520'	5-1/2"	13,631'	1390 Sx				16/64"	60 Min	2895	-	-	-	2225	-	-	-	-			
State 16 #1	Parcel M, Section 16, T-14-S, R-36-E	3944' GR	4-29-78	13,770'	13-3/8"	368'	450 Sx	Mississippi	13,180'-13,281'	Acidized w/4000 Gale 15% Acid	7/64"	00 Min	710	-	-	-	2490	-	-	-	-	DST (Miss) 13,180', op 2 hrs, GTS & 103 MCFOPD 16/64" ch line to 300 MCFOPD 24/64" ch, rec 613' GCM (sample rec 7.32 CFQ @ 15000) ISIP 3824/hr, FP 232-2540, PSIP 4966/hr 4 hrs, HP 6375-8275, after perf flo @ 1800 MCFOPD 22/64" ch & 16 BC/4 hrs 45 min; flo @ 300 MCFOPD & 11 BC/10 hrs 10/64" ch, D @ 1100 MCFOPD 10/64" ch TT 22154			
				13,687'	9-5/16"	4,661'	1800 Sx				8/64"	60 Min	890	-	-	-	2405	-	-	-	-				
				13,687'	5-1/2"	13,770'	1000 Sx				9/64"	60 Min	980	-	-	-	2315	-	-	-	-				
State 16 #2	Parcel F, Section 16, T-14-S, R-36-E	3945' GR	9-11-79	13,875'	13-3/8"	389'	425 Sx	Mississippi	13,288'-13,373'	Acidized w/4000 Gale Acid	18/64"	-	1150	-	-	-	2200	-	-	-	-	DST (Miss) 13,270-13,360', op 2 hrs 20 min w/strong blow GTS/71 min @ 2250 MCFOPD thru 1/2" ch; TP 3408 stat 4 1670 MCFOPD of FF, rec 240' cond & CLOCM 1 hr ISIP 5934, FP 555-774 4 hr PSIP 5209, HP 6427-8470, DTH 185'			
				13,400'	8-5/8"	4,075'	2200 Sx				14/64"	19 Hrs	707	30	-	-	1100	-	-	-	-				
				13,400'	5-1/2"	13,875'	1750 Sx				8/64"	13 Hrs	1125	34	-	-	1800	-	-	-	-				
Phillips Petroleum Company	Austin Com.	Parcel M, Section 17, T-14-S, R-36-E	3970' DF	7-12-57	14,750'	13-3/8"	392'	375 Sx	Mississippi	13,194'-13,208'	-	-	CAOP	4925	152	-	-	-	-	-	-	52.0	DST (Miss) 13,195-13,305', op 2 hrs 35 min, rate 1541 MCFOPD, rec 650' dial, gr 49", 1316' GCWB & 316' GCM, FP 23108, SIP 53138 perf 13,214-248', 13,270-280' (Miss) flow 46 BD 8 hrs 1/4" ch, gas vol 3152 MCFOPD, flow 8 BD/hr, gas vol 3785 MCFOPD, 3/8" ch		
					13,290'	9-5/8"	4,650'	710 Sx				-	-	-	-	-	-	-	-	-	-	-			
					13,290'	7	12,195'	580 Sx				-	-	-	-	-	-	-	-	-	-	-			
Harvey E. Yates Company	Austin-Monketh #1	Parcel K, Section 8, T-14-S, R-36-E	3960' GR	7-20-79	14,000'	13-3/8"	368'	400 Sx	Mississippi	13,380'-13,381'	Natural	32/64"	24 Hrs	1211	-	-	-	500	-	-	-	-	DST (Miss) 13,231-1400' op 3 hrs 35 min, rec 518' cond & 1000' OM, 1 hr 56 min ISIP 57854, FP 2271-1244 4 hr PSIP 5709, HP 6558-6458, DHT 188'		
					13,478'	8-5/8"	4,650'	1630 Sx				-	-	-	-	-	-	-	-	-	-	-			
					13,700'	5-1/2"	14,000'	1750 Sx				-	-	-	-	-	-	-	-	-	-	-			
Barbee "LL" #1	Parcel G, Section 18, T-14-S, R-36-E	3970' GR	11-29-79	13,930'	13-3/8"	397'	400 Sx	Mississippi	13,380'-13,381'	Natural	1/2 "	24 Hrs	1075	4	26800	-	178	-	-	-	-	No DST was run on Mississippi formation			
				13,700'	8-5/8"	4,650'	2350 Sx				-	-	-	-	-	-	-	-	-	-	-				
				13,700'	4-1/2"	13,638'	1150 Sx				-	-	-	-	-	-	-	-	-	-	-				

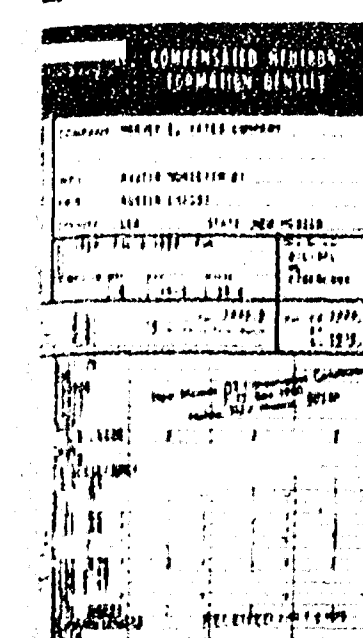




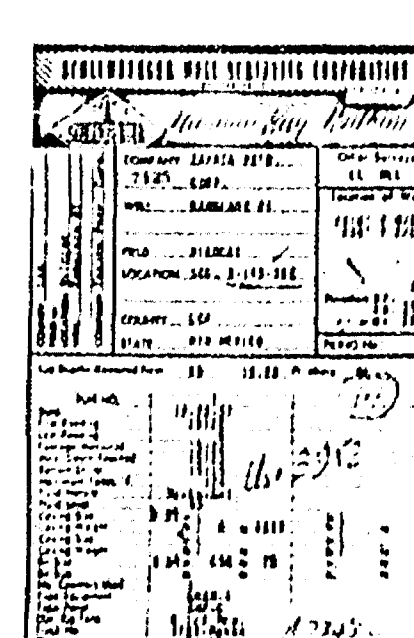




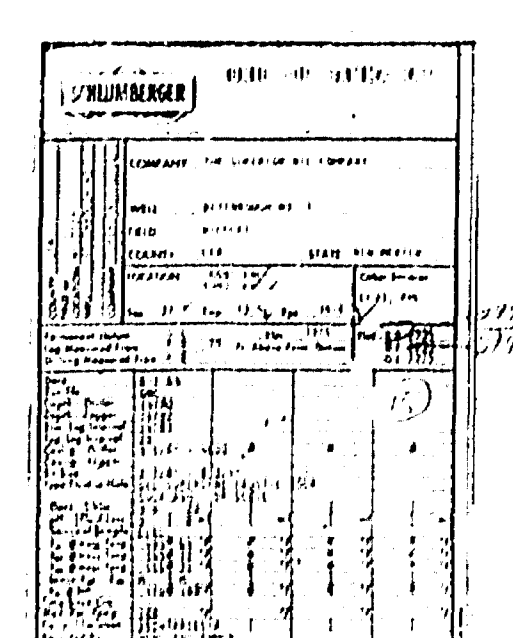
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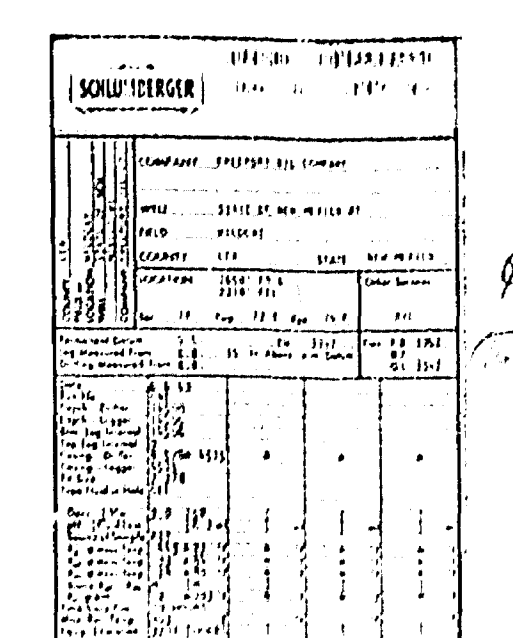
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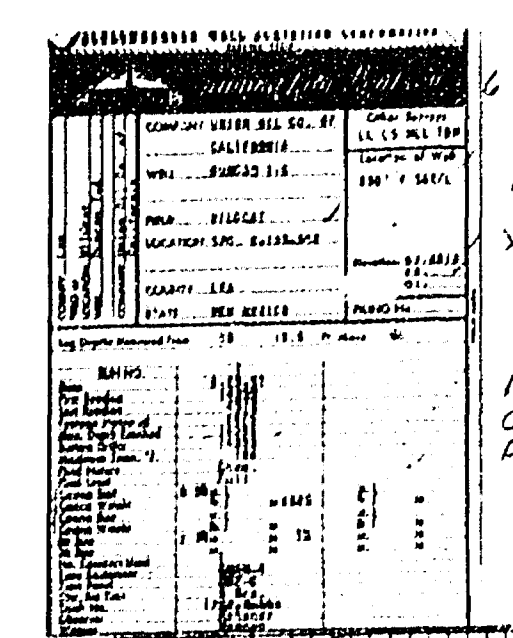
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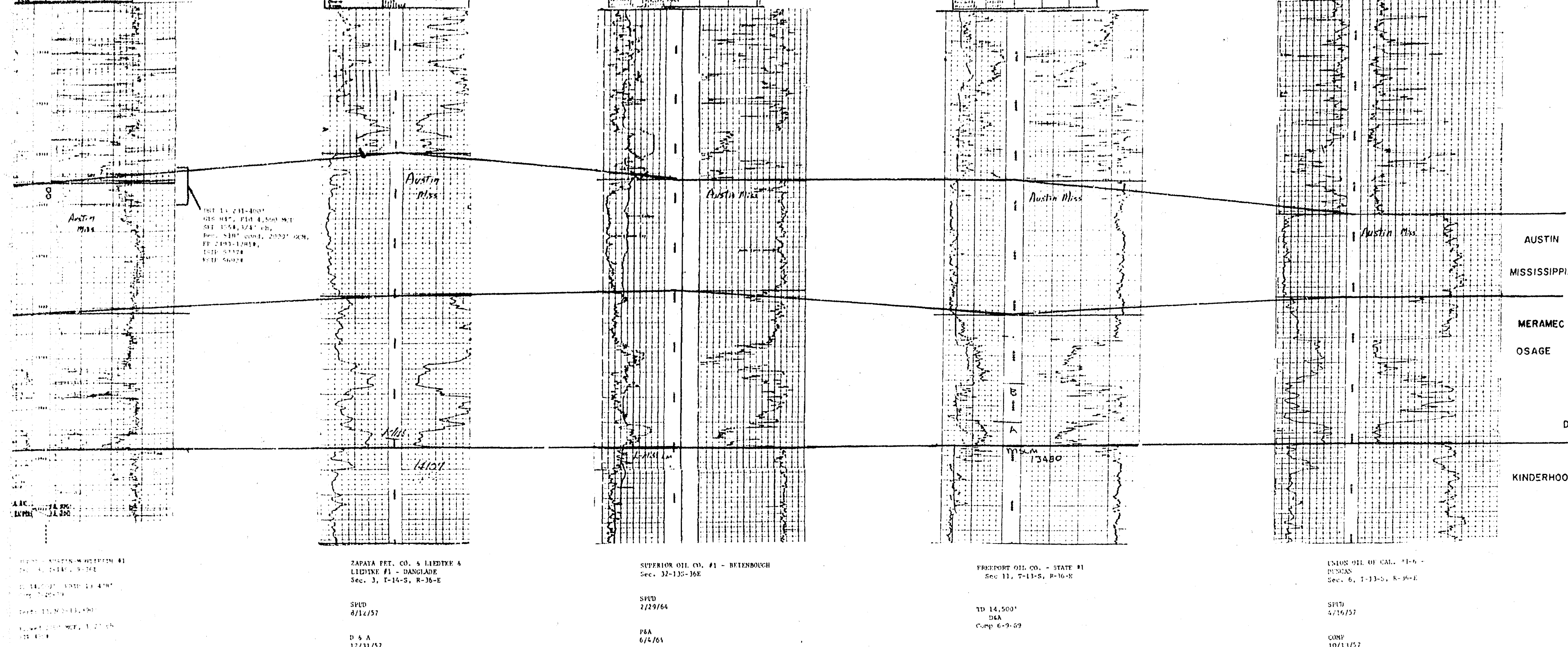
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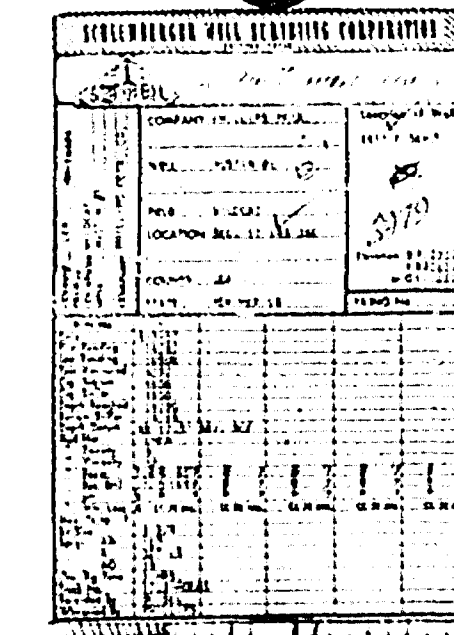
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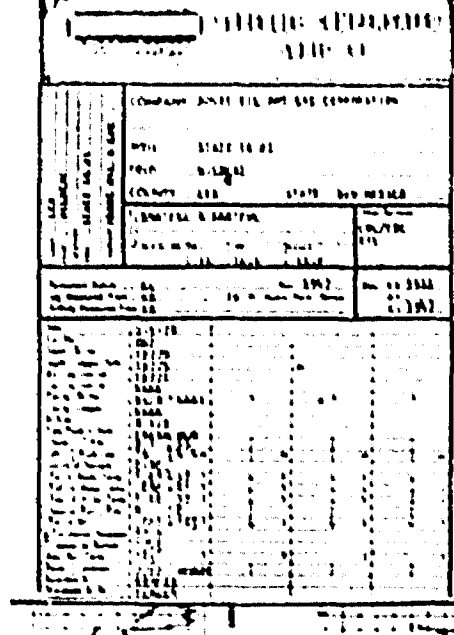
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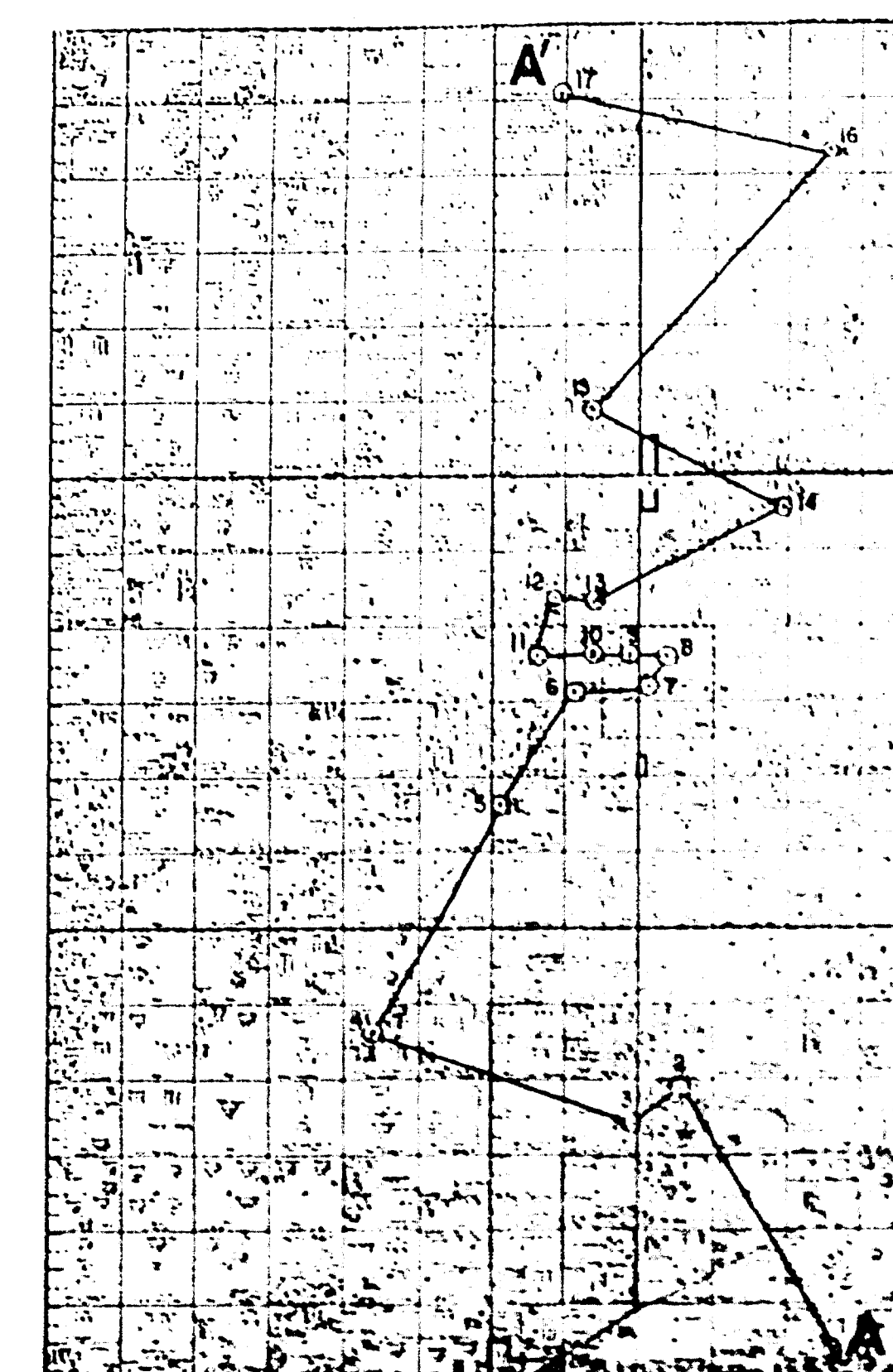
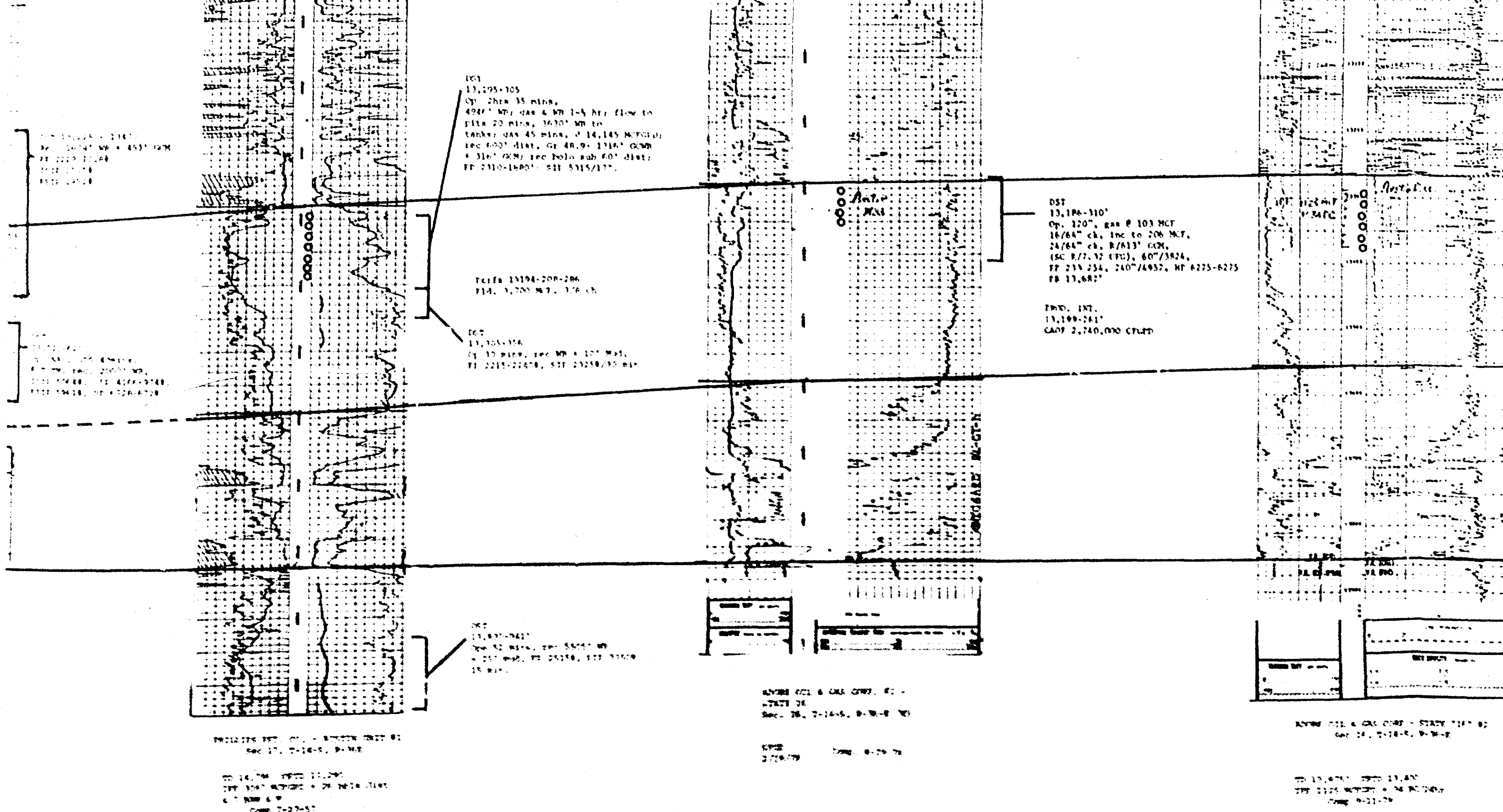
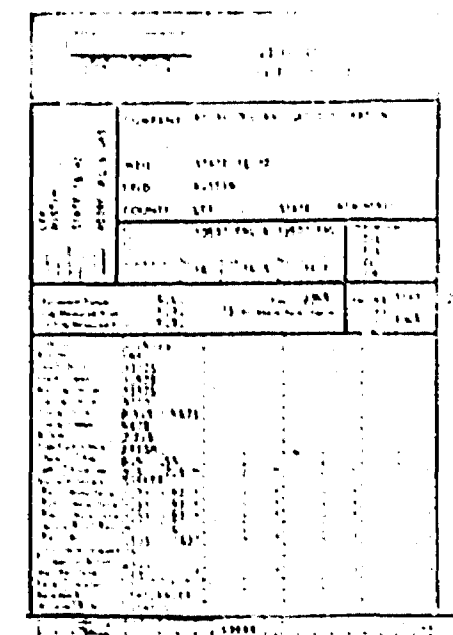
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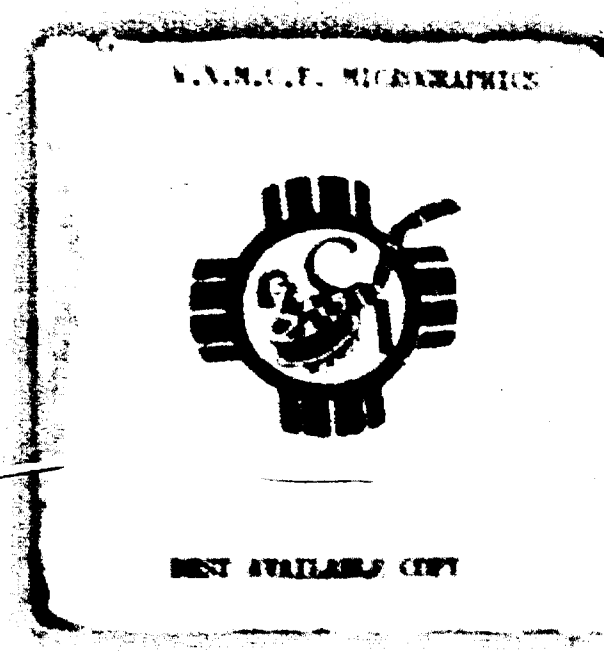
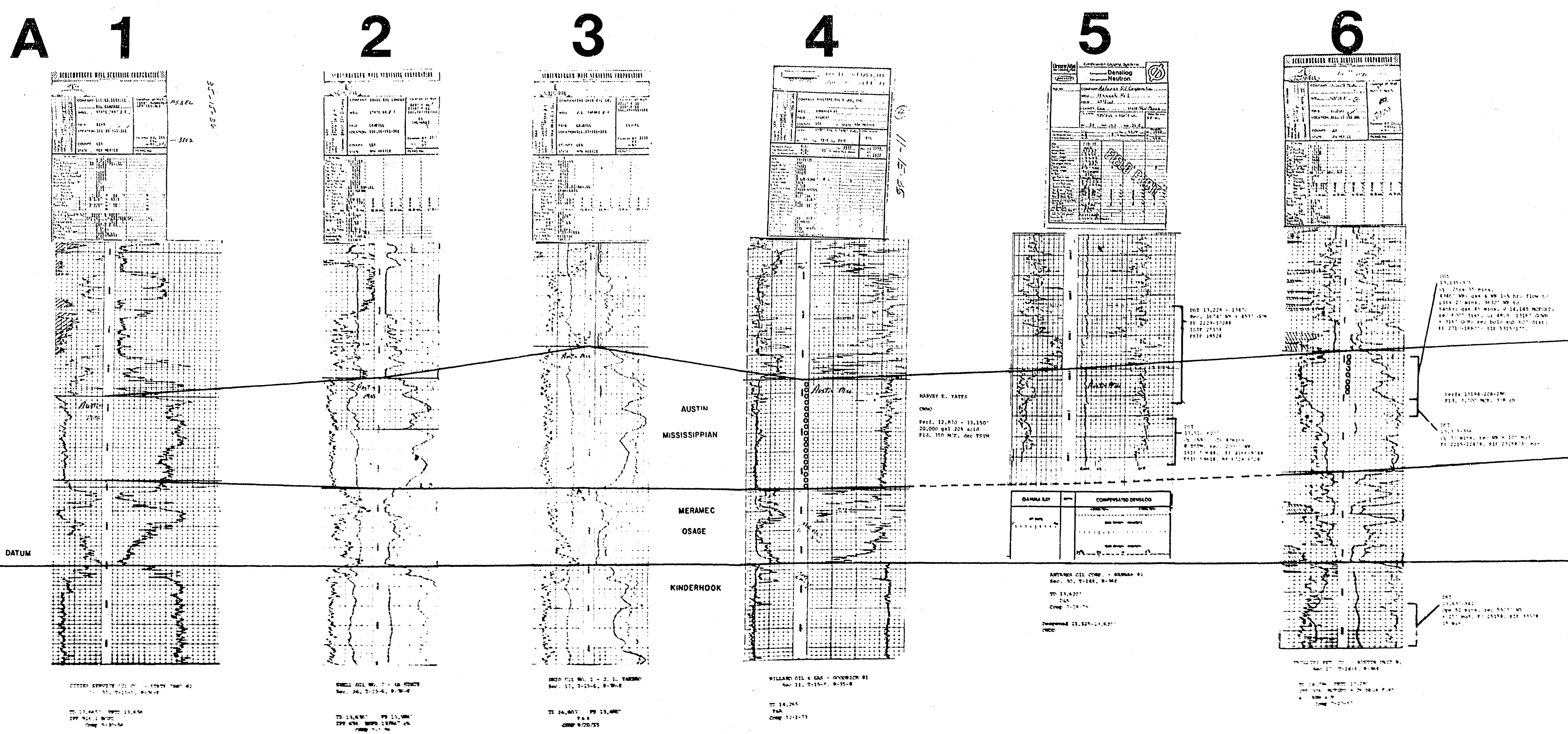
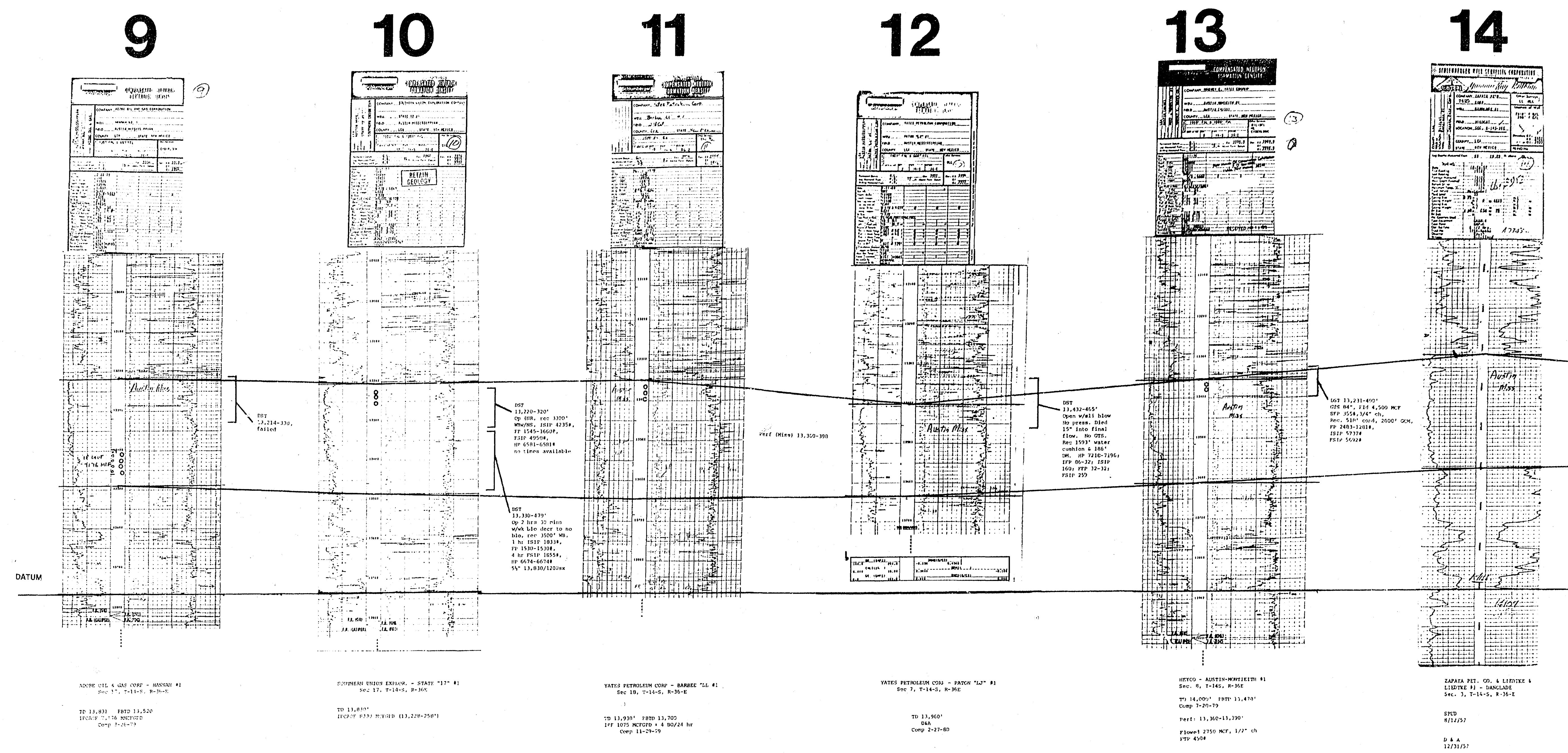
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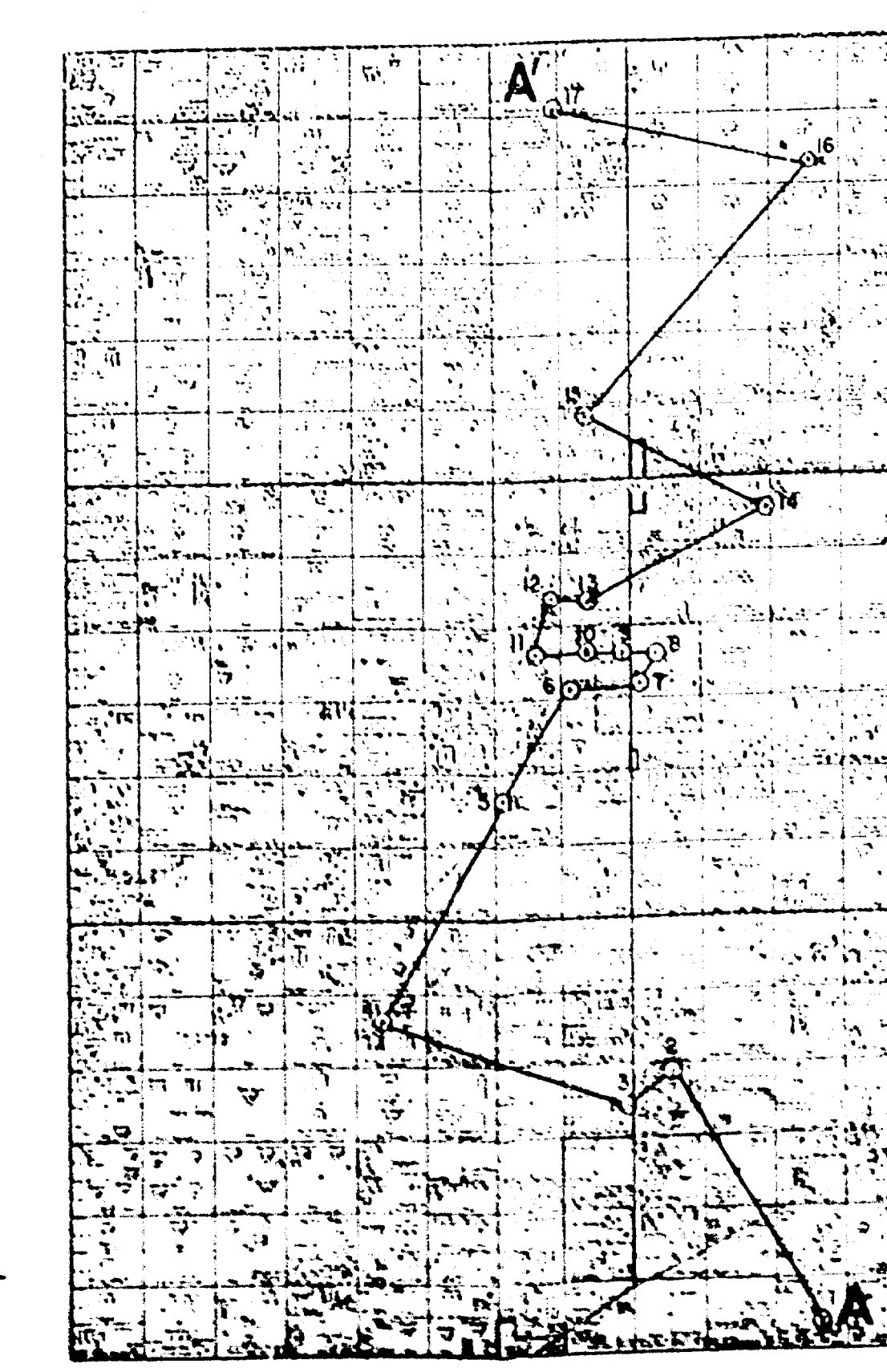
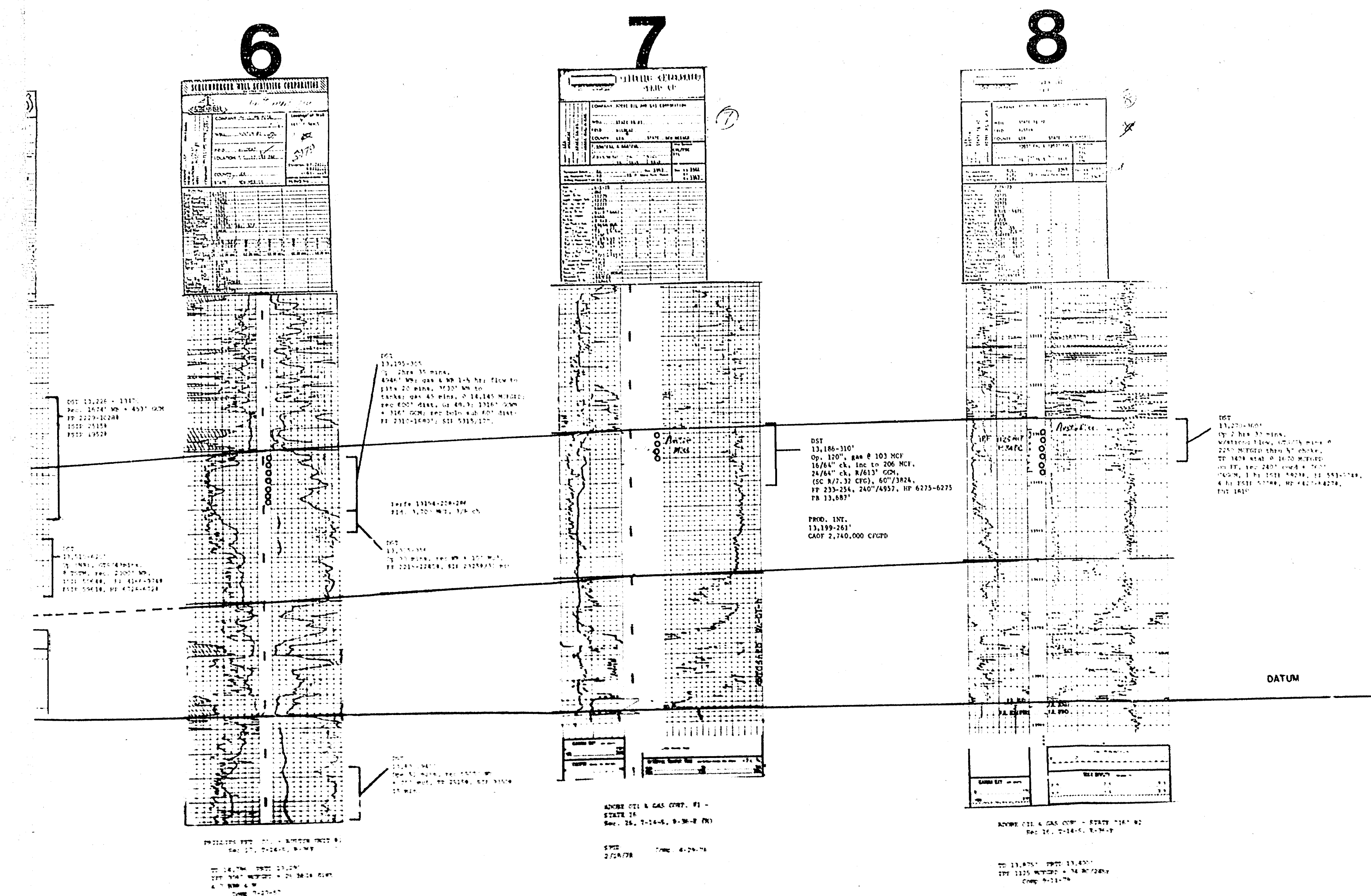
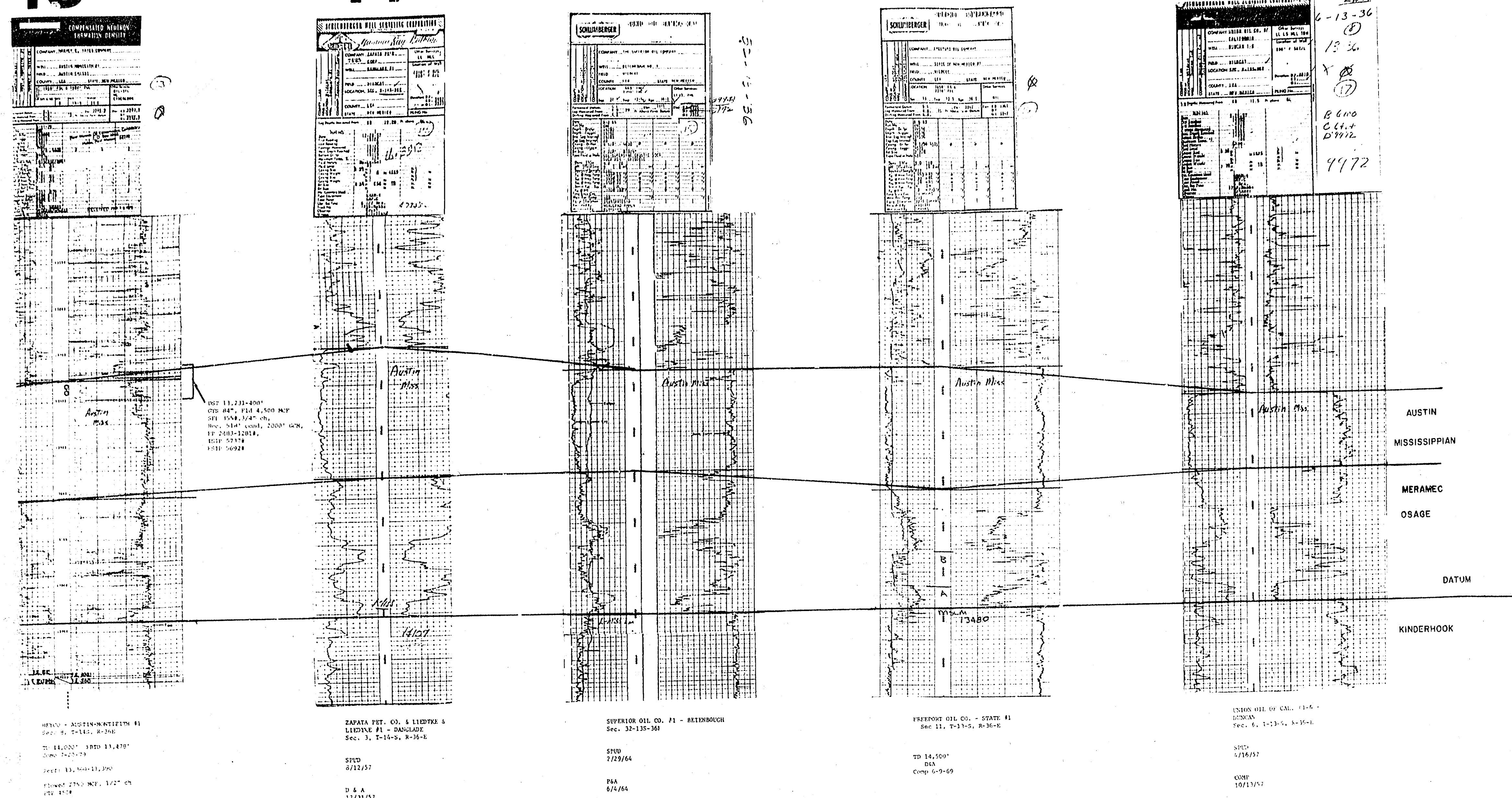
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HARVEY E. YATES COMPANY
ROSWELL, NEW MEXICO
AUSTIN - MISSISSIPPIAN
STRATIGRAPHIC CROSS-SECTION
LEA COUNTY, NEW MEXICO



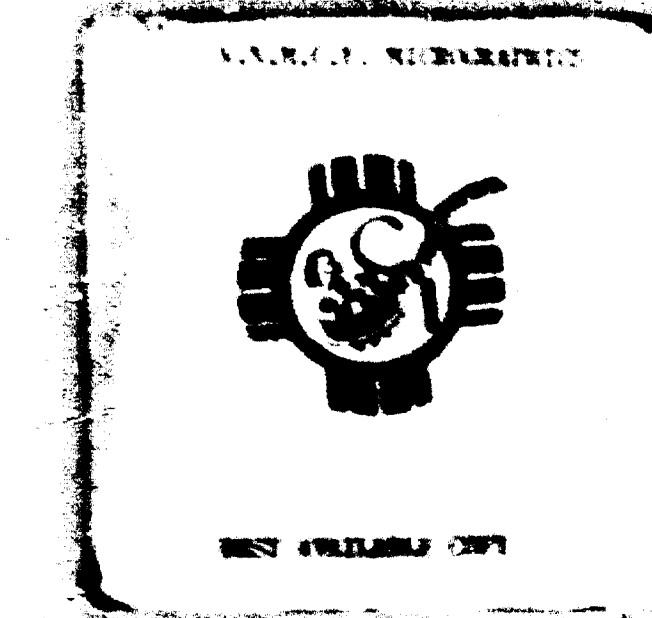


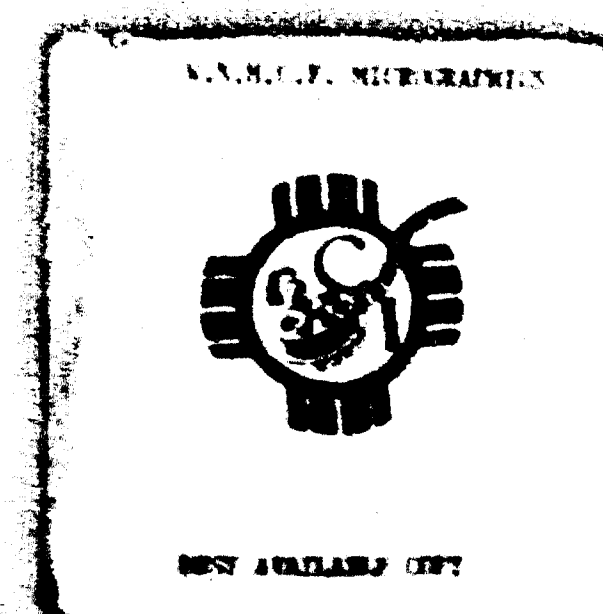
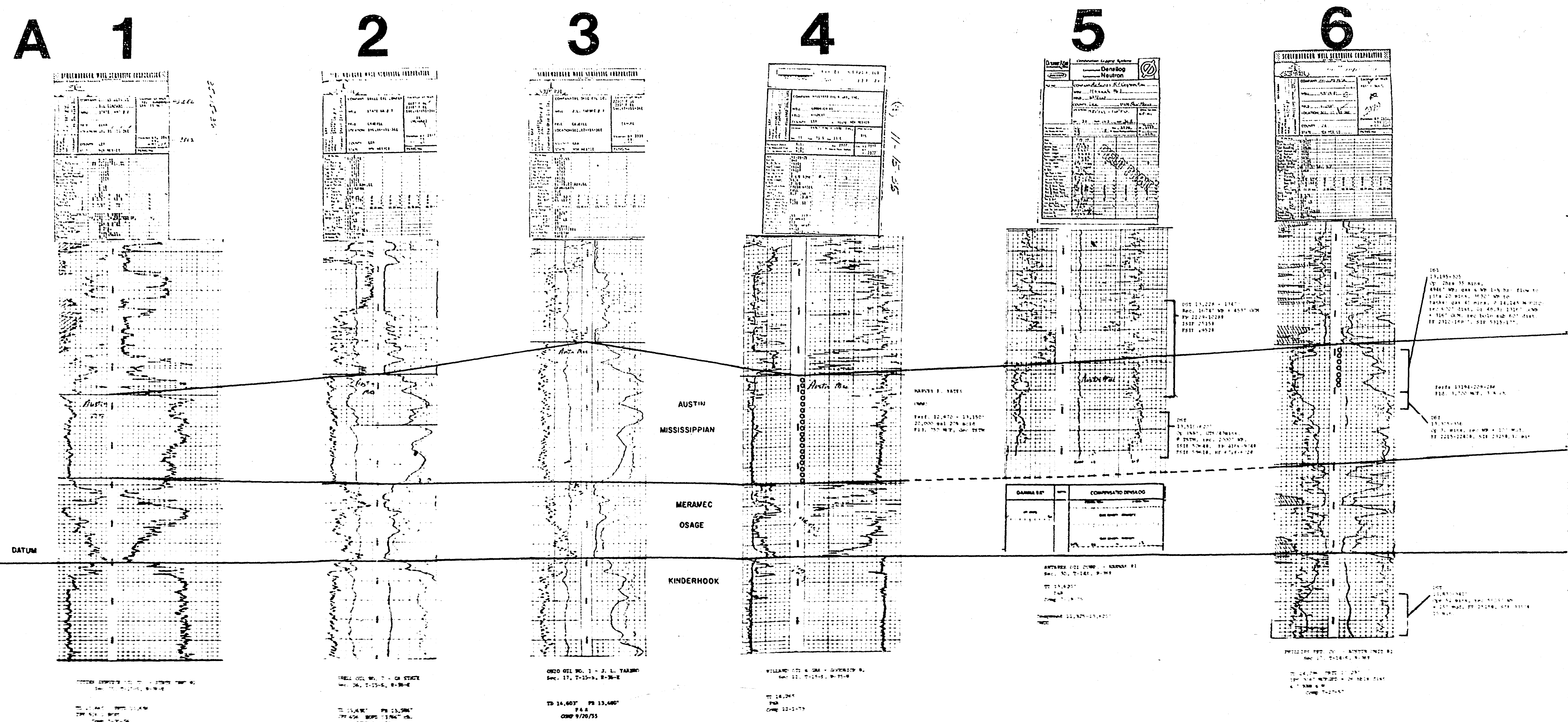
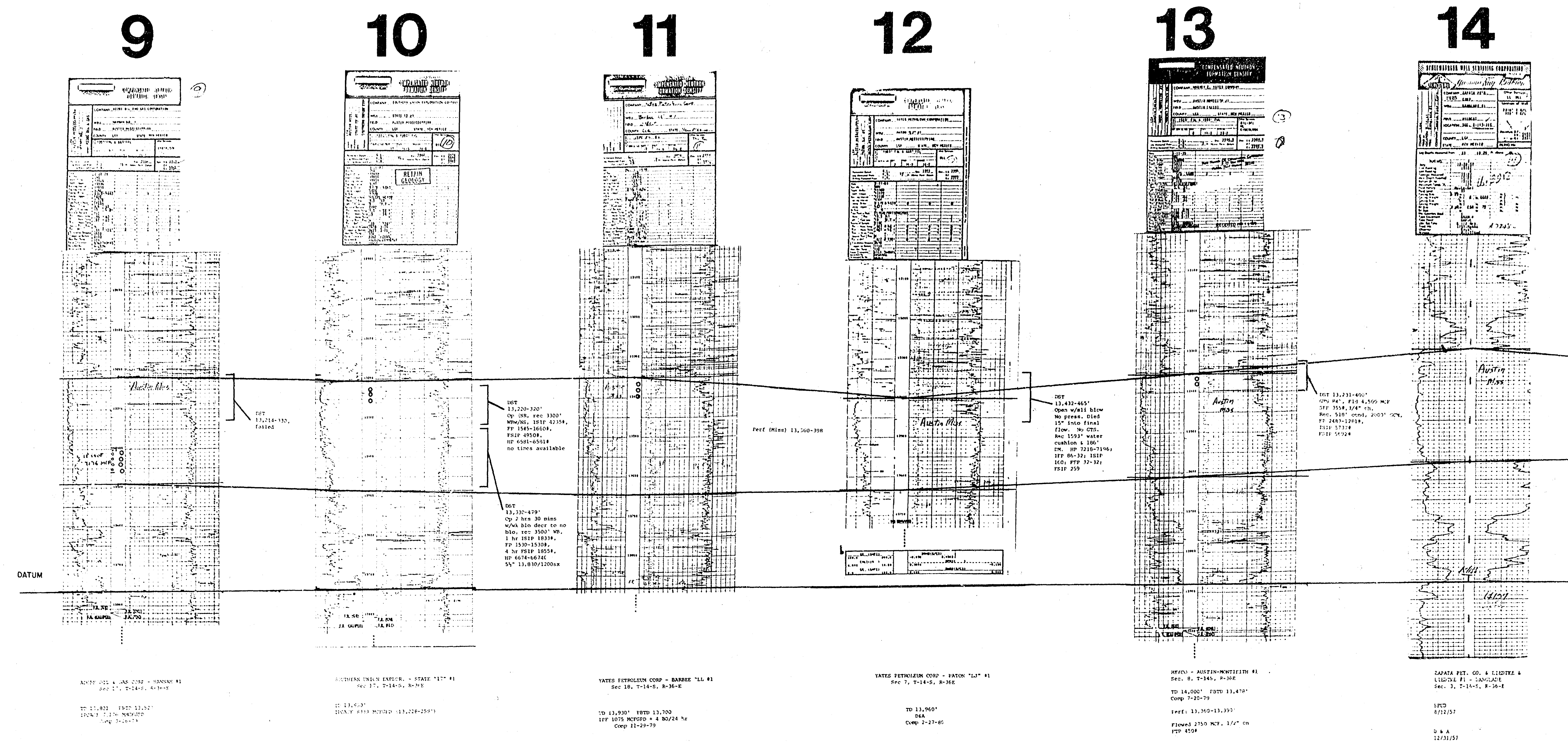
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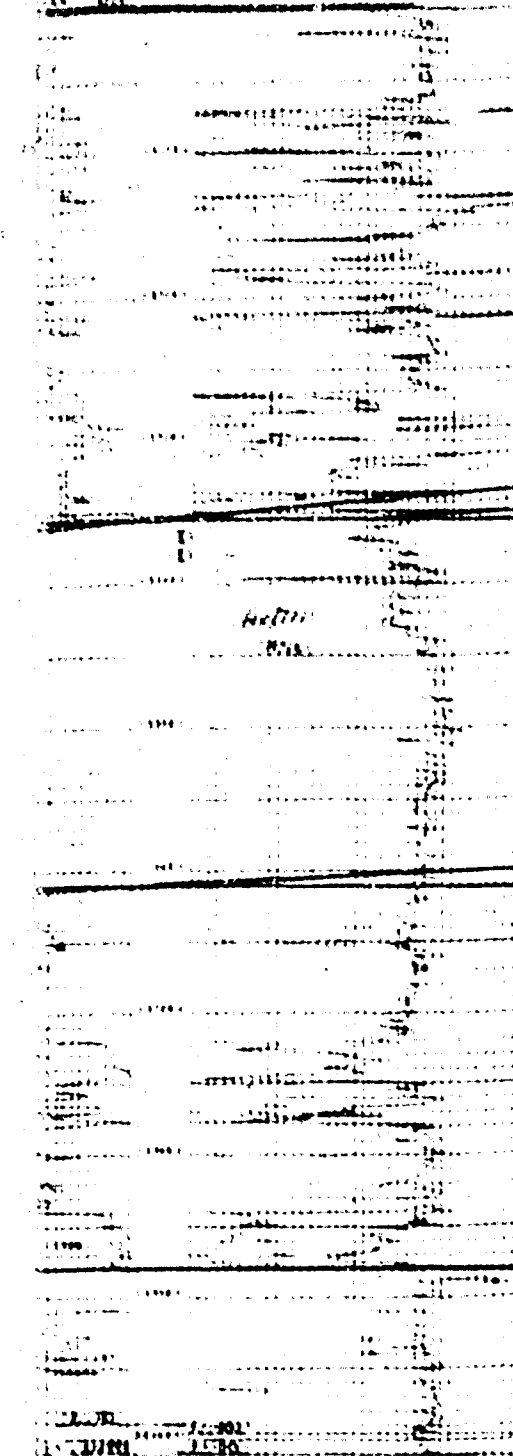
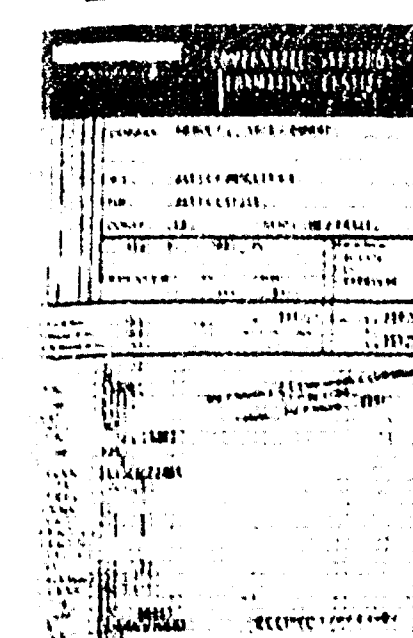
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HARVEY E. YATES COMPANY
ROSWELL, NEW MEXICO
AUSTIN - MISSISSIPPIAN
STRATIGRAPHIC CROSS-SECTION
LEA COUNTY, NEW MEXICO



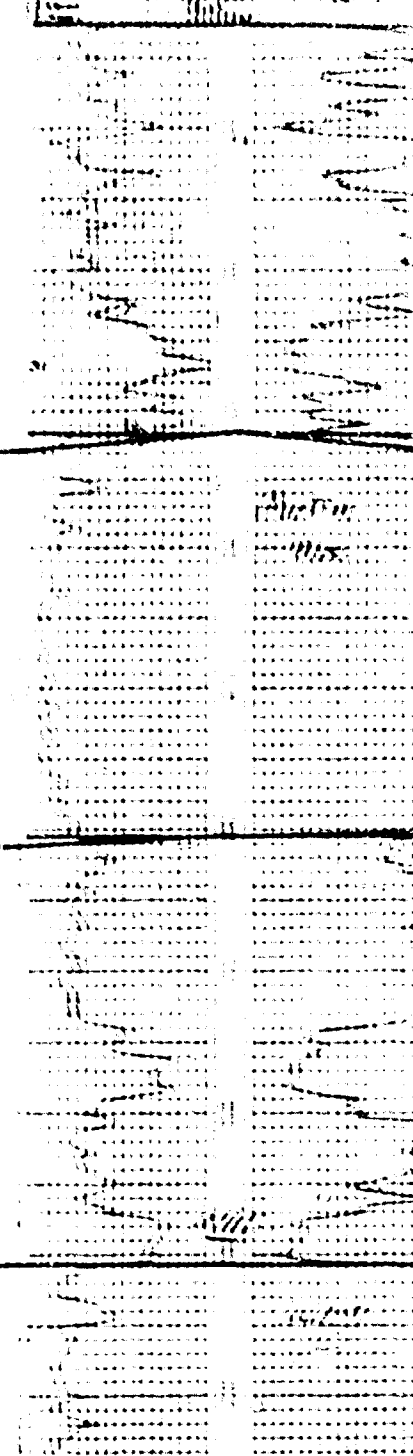
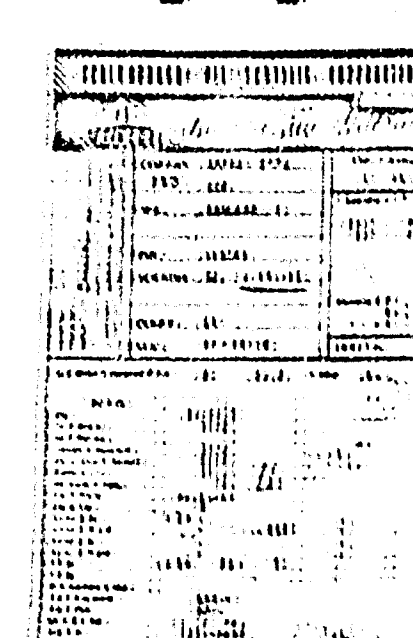


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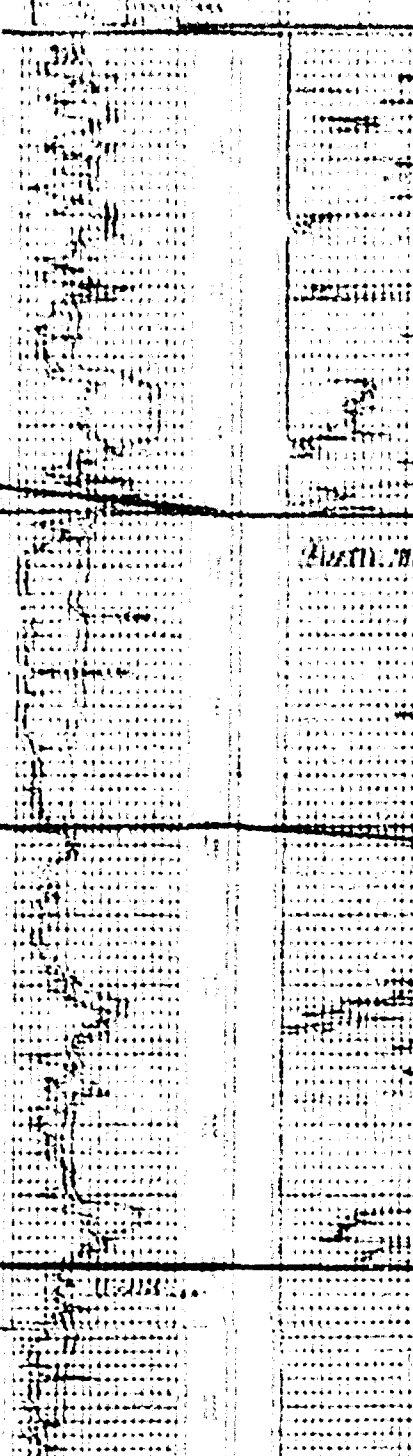
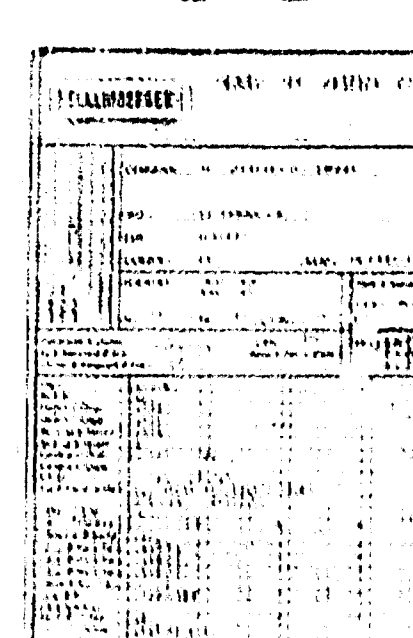
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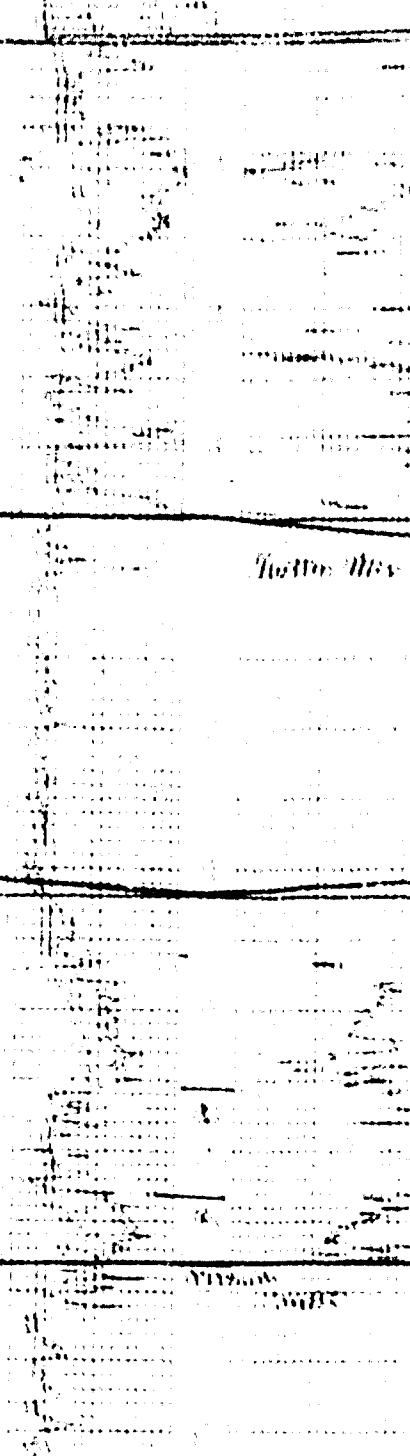
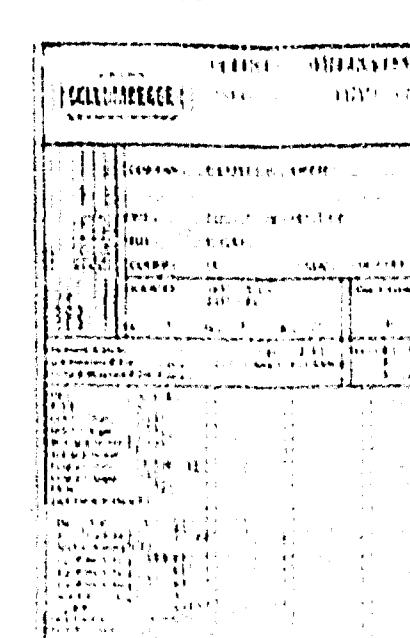
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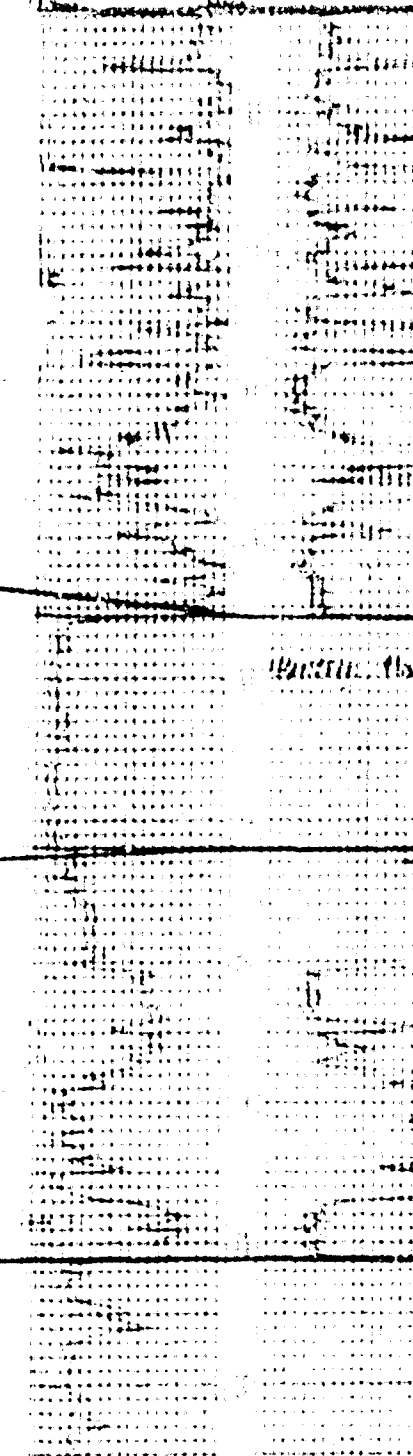
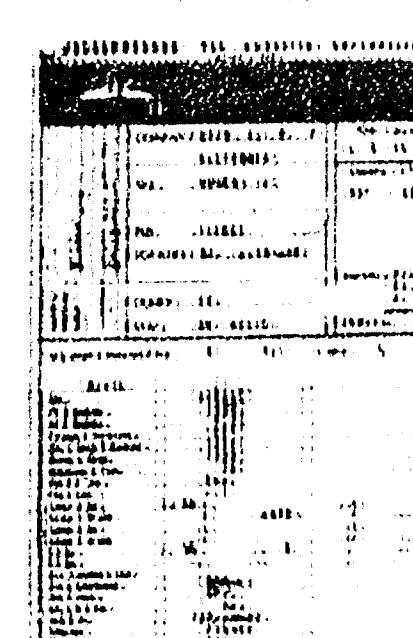
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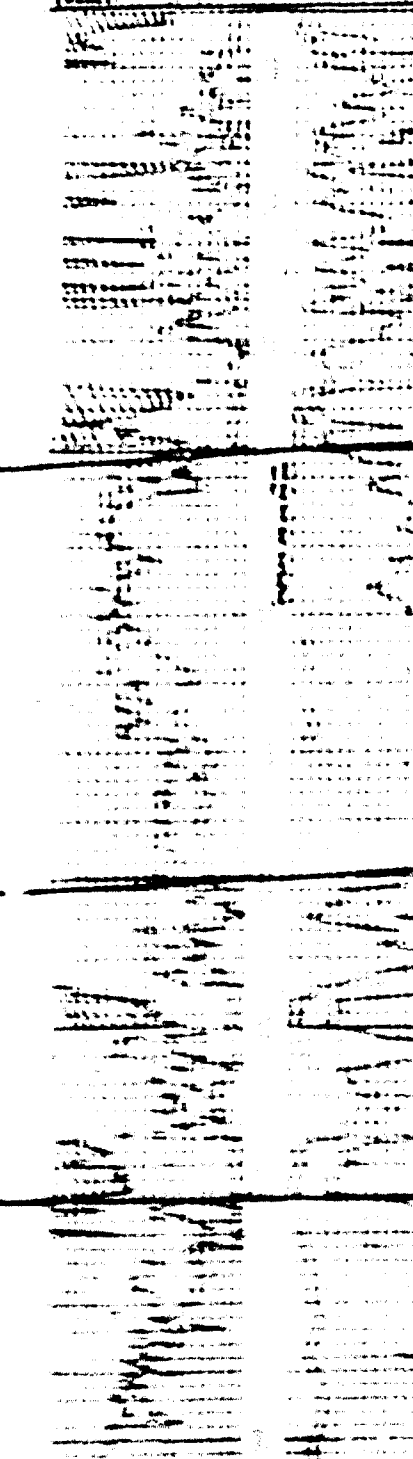
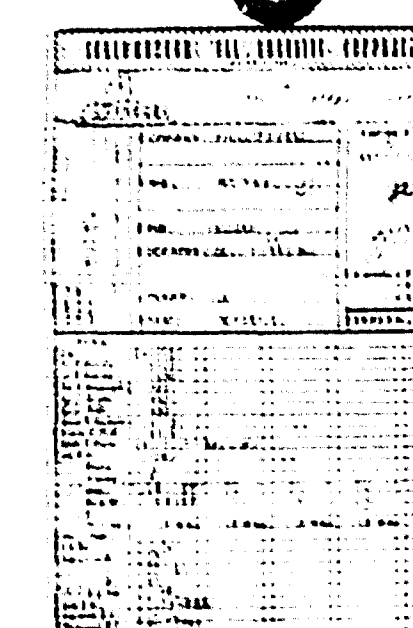
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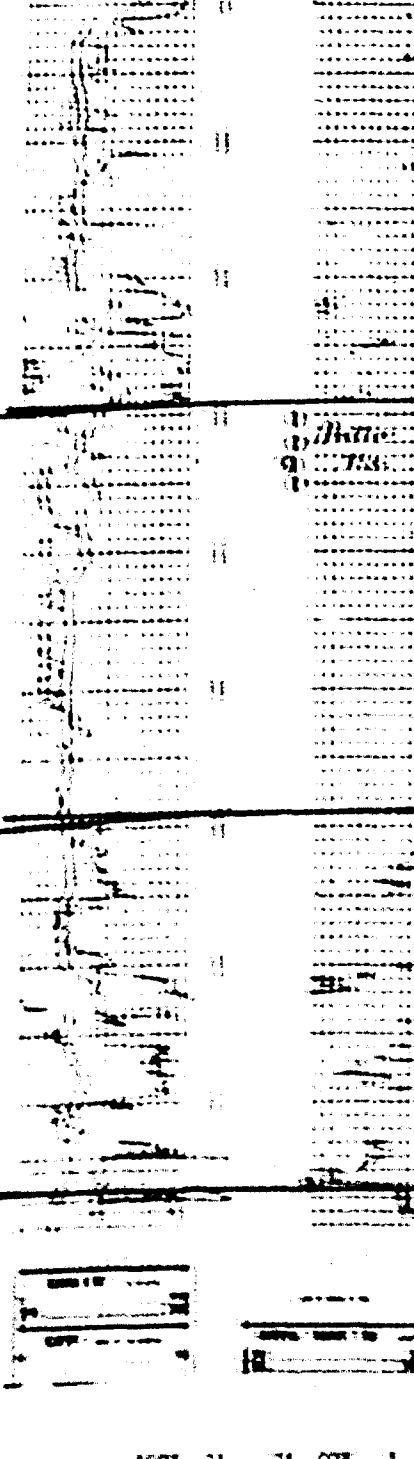
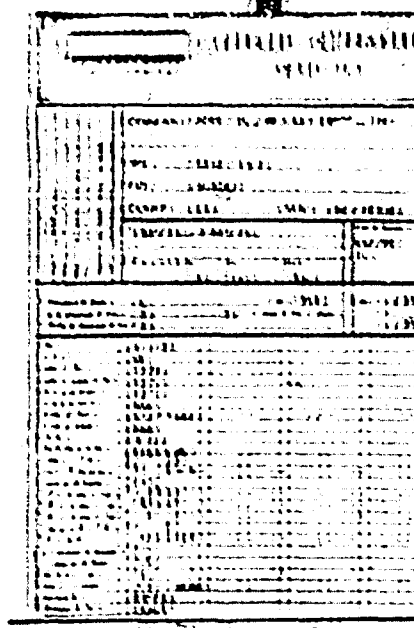
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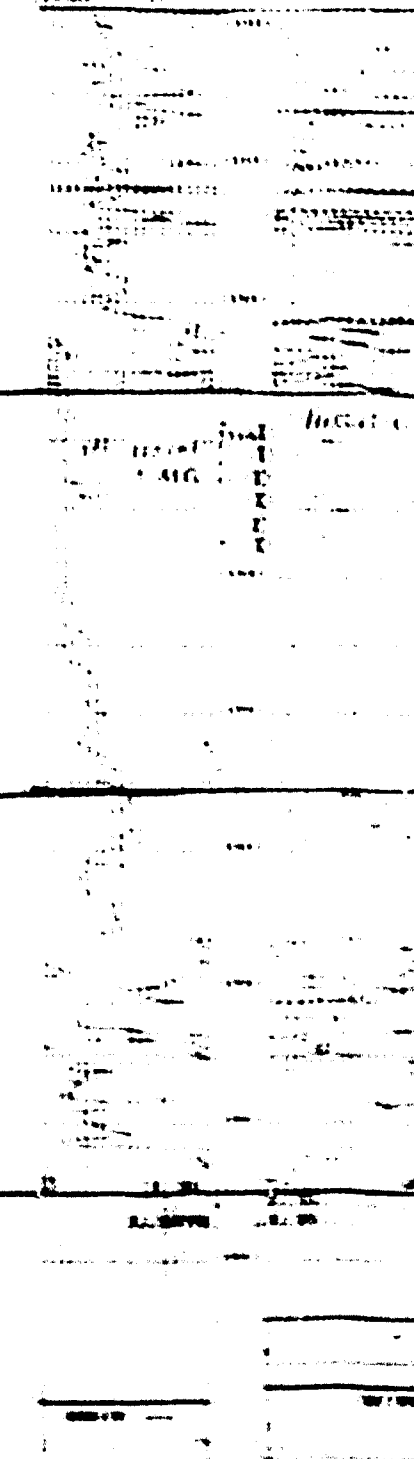
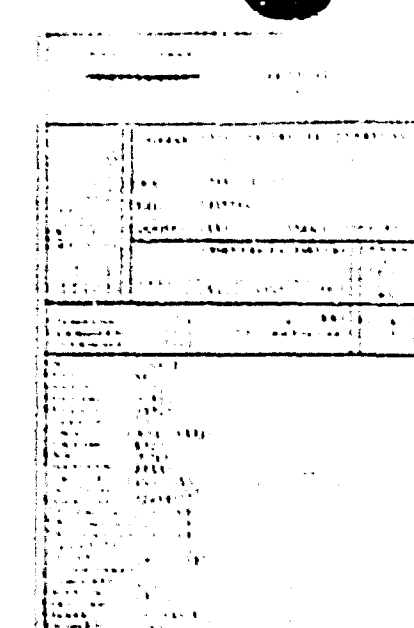
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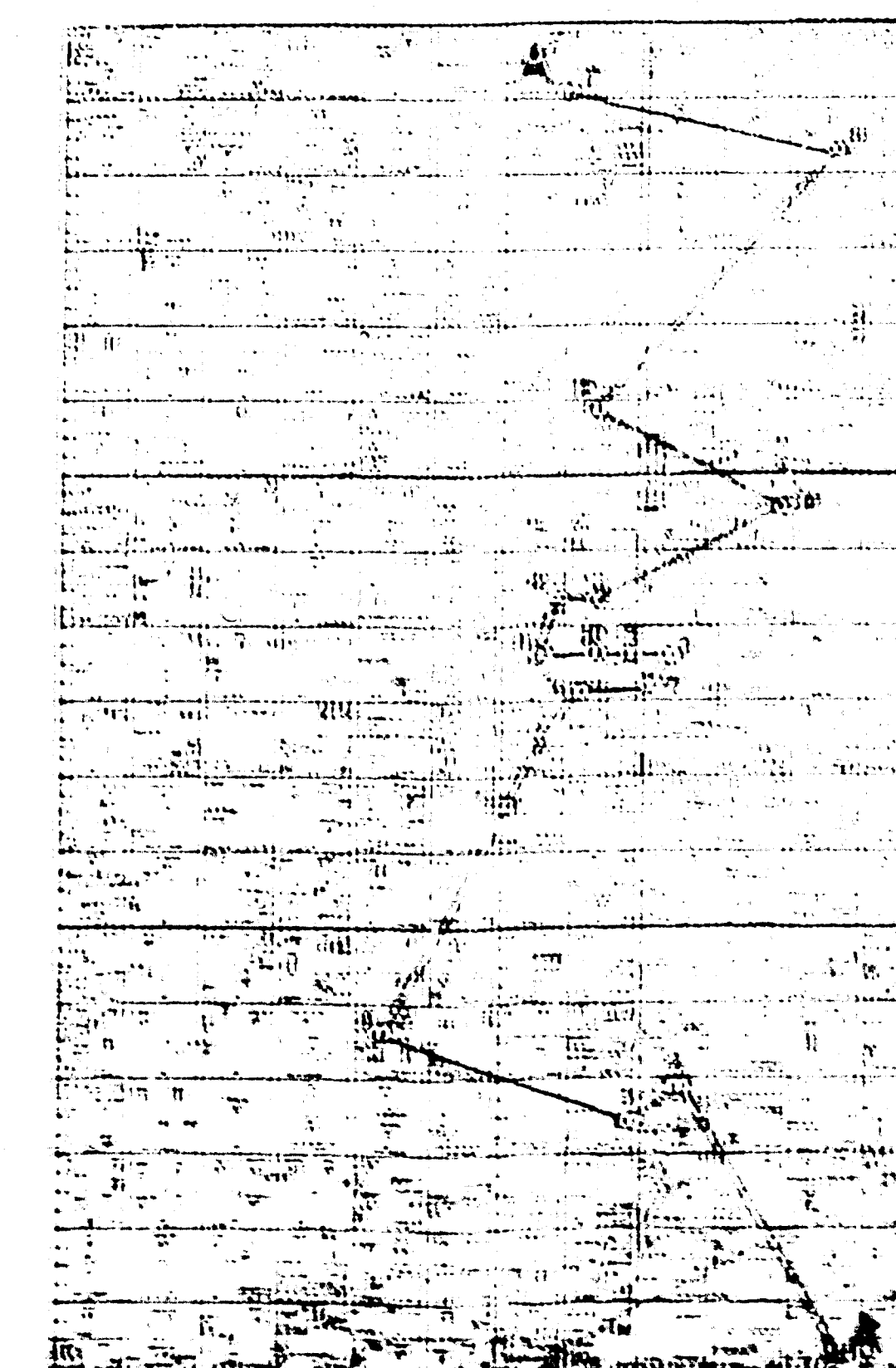


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WELL 8
DATE 10-1-55
LOG BY J. H. HARRIS
LOG NO. 8-1



HARRIS & SONS COMPANY
NEWELL, NEW MEXICO
WELL 13
DATE 10-1-55
LOG BY J. H. HARRIS
LOG NO. 13-1

