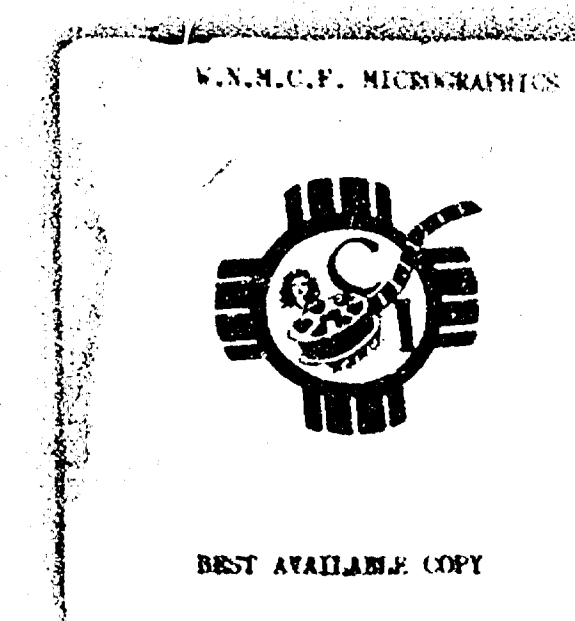


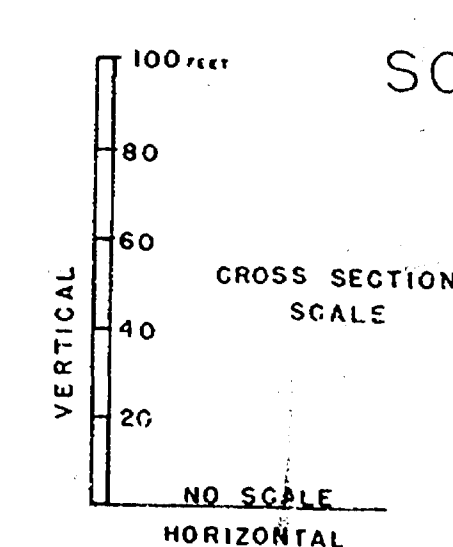
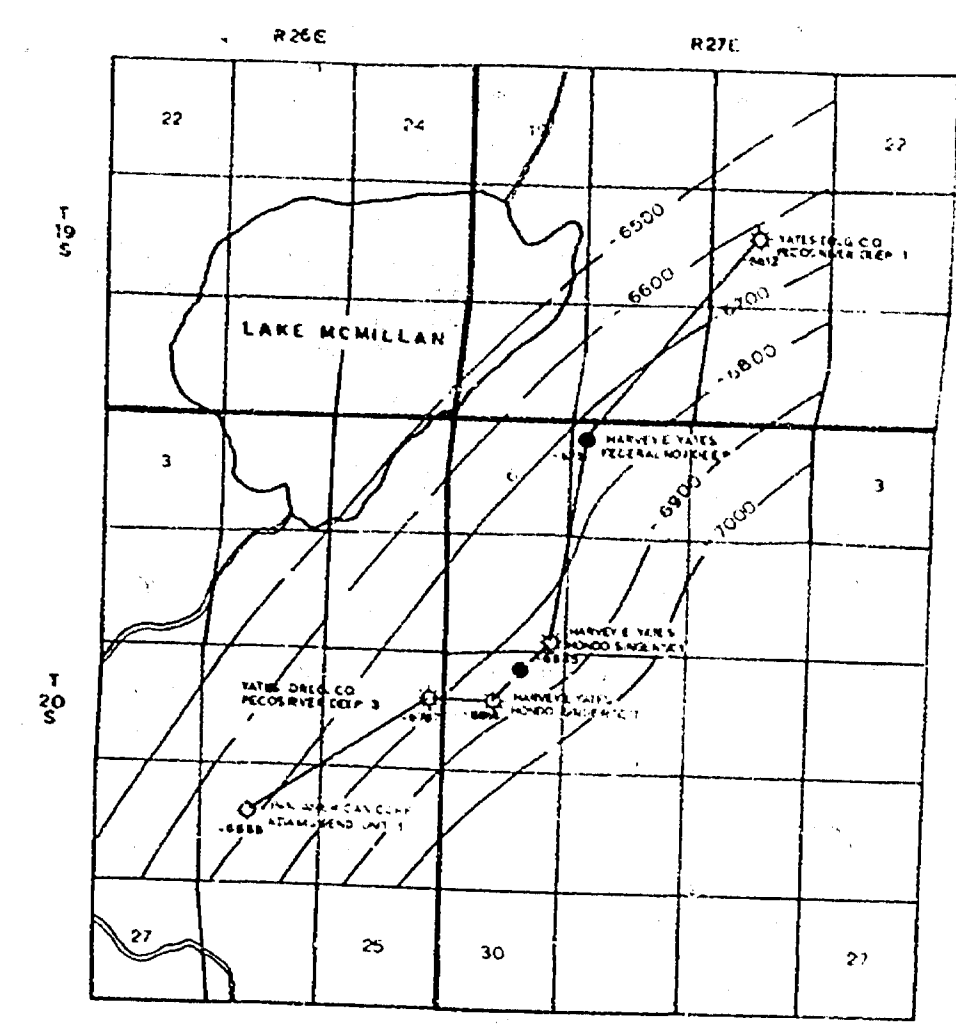
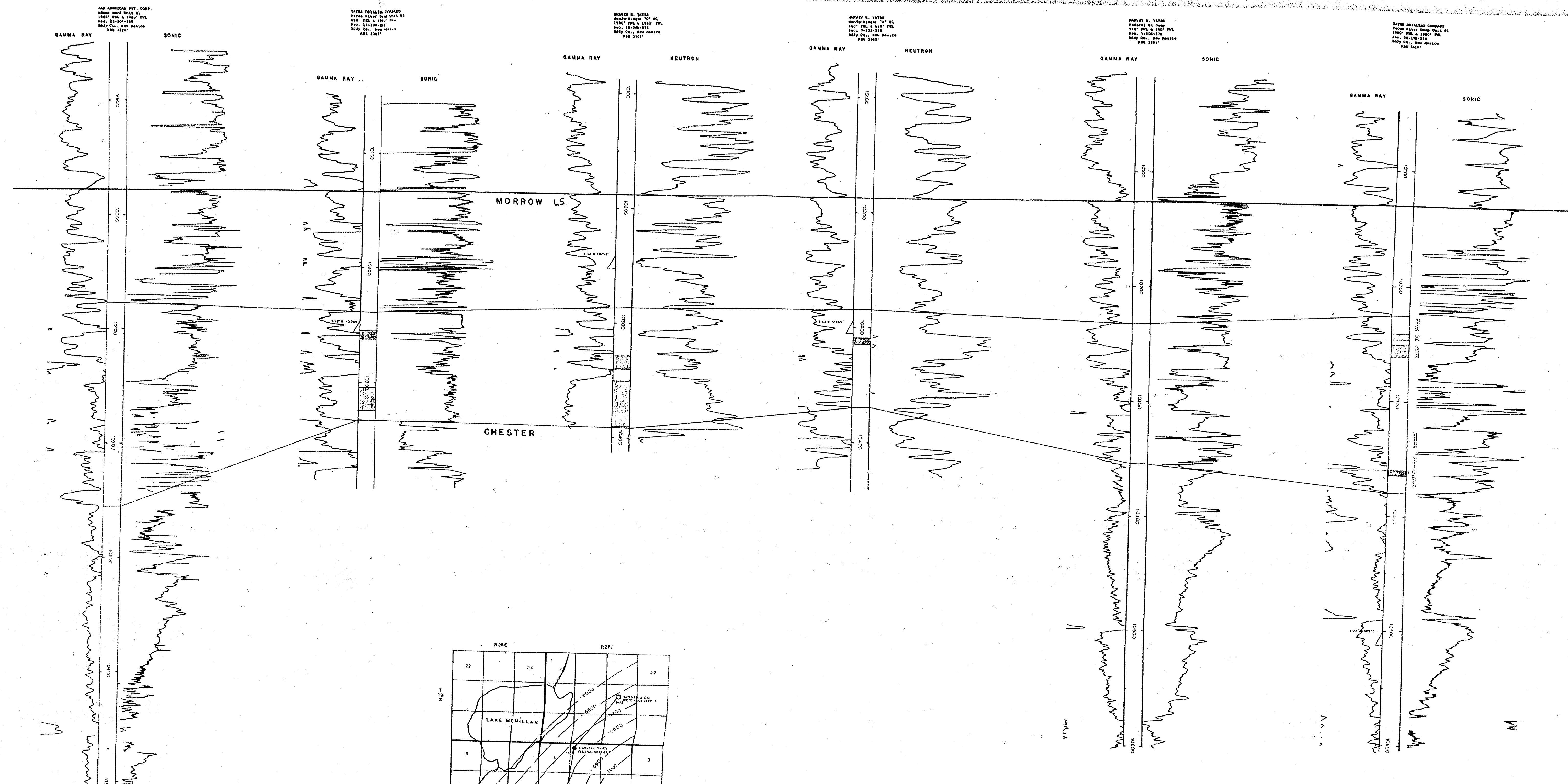
Case Number

3890

Large

Exhibits

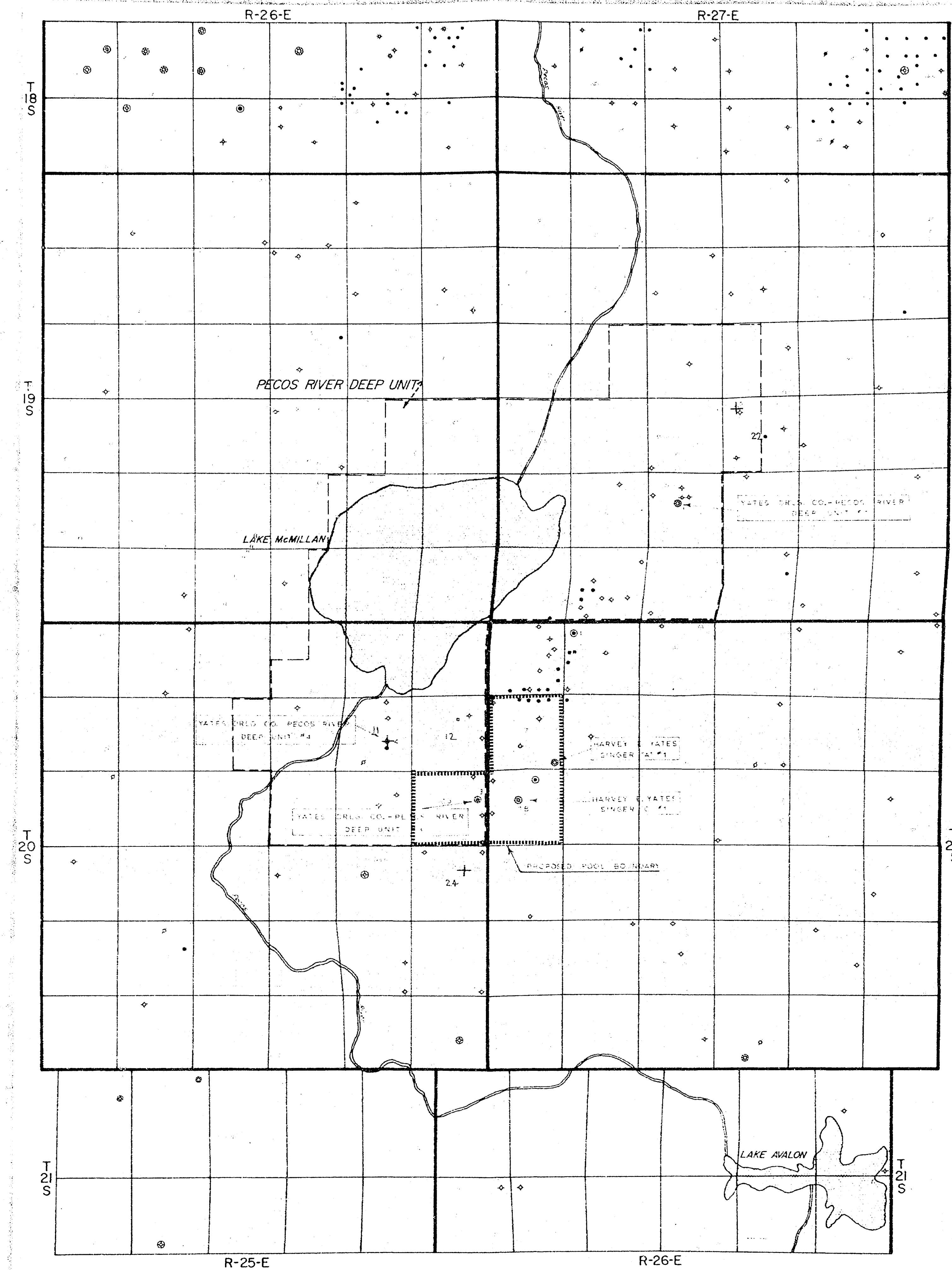




SOUTHWEST-NORTHEAST MORROW CROSS SECTION
LAKE MCMILLAN AREA

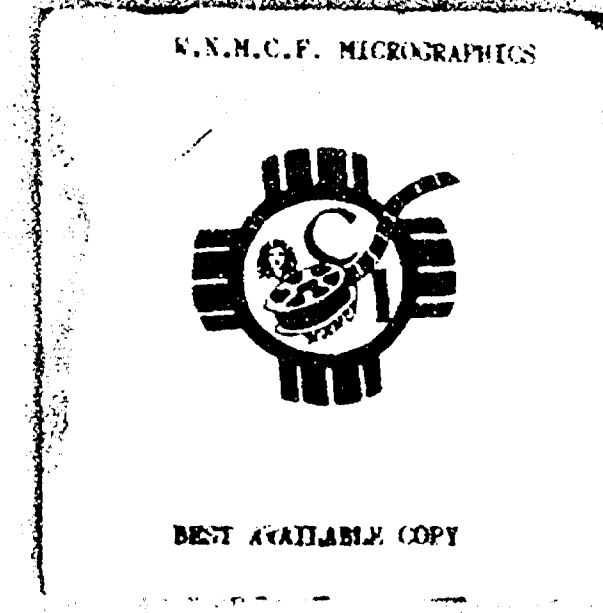
#12





✕ Dry or non-commercial in Marrow

PECOS RIVER DEEP UNIT
EDDY CO NEW MEXICO
Scale: 1" = 4,000'



MONTHLY PRODUCTION MONTECAL-MONROE GAS POOL									
HARVEY E. YATES			YATES DRILLING COMPANY						
MONROE SINGER "C" #1			PECOS R. DEEP UNIT #1		PECOS R. DEEP UNIT #3				
MO	BOE	BOE	BOE	BOE	BOE	BOE	BOE	BOE	BOE
1966									
June	155,703	936	5.0	8,494	34	60,040	305	5.7	
July	155,256	861	5.6	2,847	0	90,798	322	3.5	
Aug.	145,072	813	5.6	2,631	0	46,560	293	6.3	
Sept.	130,354	691	5.3	4,503	10	46,465	213	5.0	
Oct.	128,171	707	5.5	5,298	4	50,320	247	4.9	
Nov.	119,342	620	5.2	4,829	7	46,261	213	4.8	
Dec.	81,025	409	5.0	4,524	2	45,026	208	4.6	
	1,677,195	10,062		64,741	131	457,307	2,466		
1967									
Jan.	74,460	279	3.8	3,543	8	43,248	166	3.9	
Feb.	69,194	387	5.6	4,257	4	39,620	173	4.4	
Mar.	76,551	355	4.6	5,308	7	39,540	172	4.4	
Apr.	68,550***	513	7.5	5,432	7	39,648	113	3.8	
May	75,353	401	5.3	5,381	2	20,721	54	2.6	
June	67,469	190	2.8	3,990	6	9,503	3		
July	79,558	408	5.1	3,620	7	34,111	51		
Aug.	85,445	334	4.1	4,021	3	13,273	177		
Sept.	68,803	325	4.7	3,021	4	12,626	86		
Oct.	79,001	234	3.0	3,429	10	10,541	76		
Nov.	39,481	145	3.6	2,453	3	11,916	53		
Dec.	781,245	3,571		45,925	41	264,737	1,124		
Cumulative									
as of 12-1-67	3,311,025	20,180		171,456	457	922,317	4,707		

* Bbls. Dist./MCP originally 6.0
 ** Bbls. Dist./MCP originally 9.3
 *** Cumulative gas to 5/1/67 - 2,818,494 MCP.
 Harvey E. Yates - Monroe Singer "A" #1 is shut-in. Cumulative figures as of 6-1-66 are 33,555 MCP of gas and 93 bbls. oil.

Exhibit 2

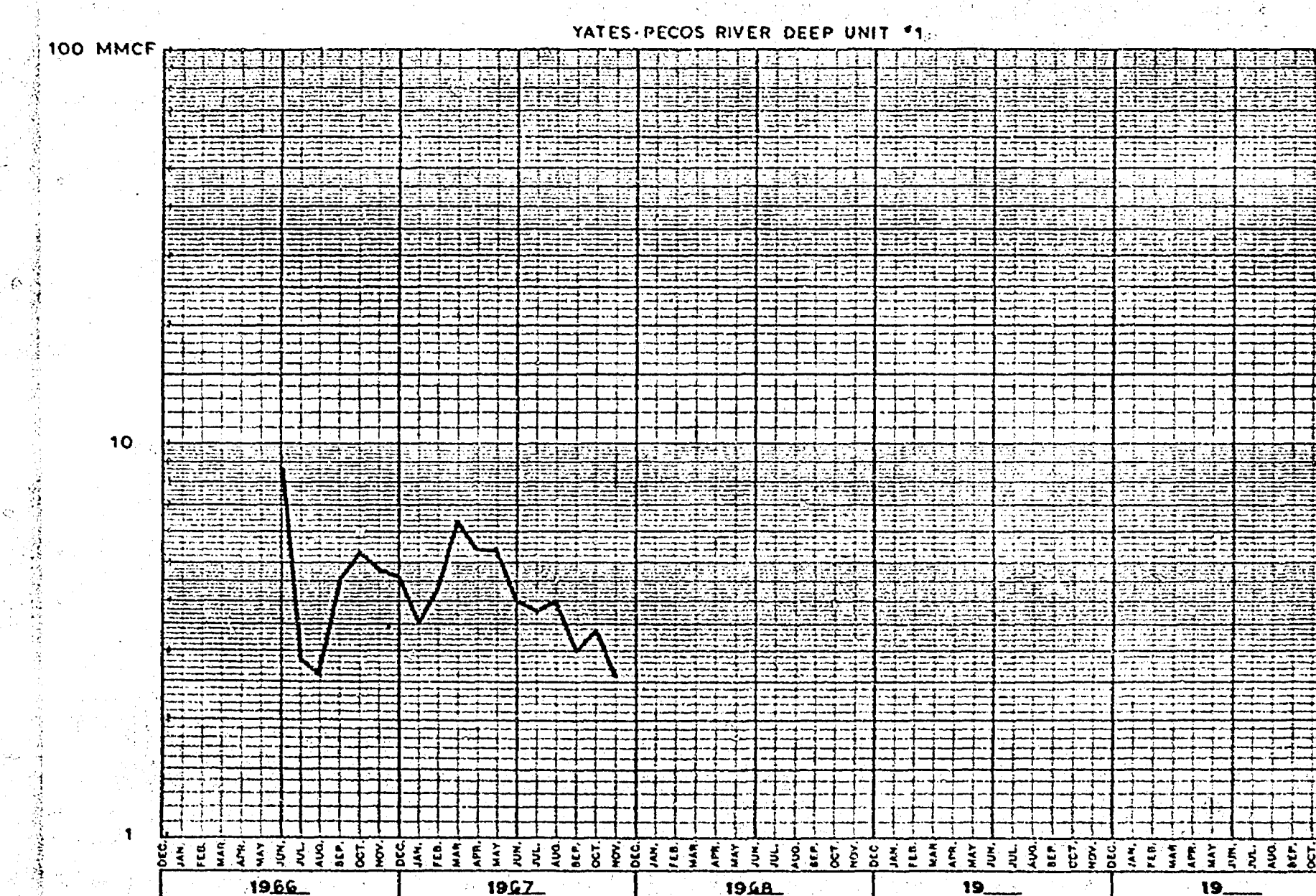
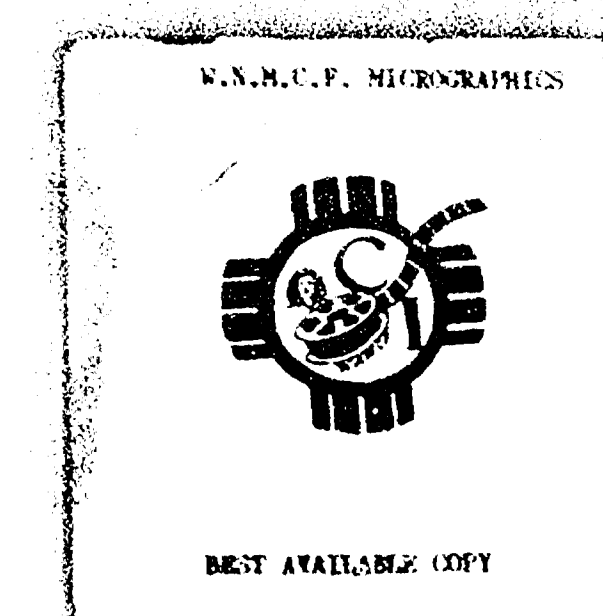


Exhibit 3

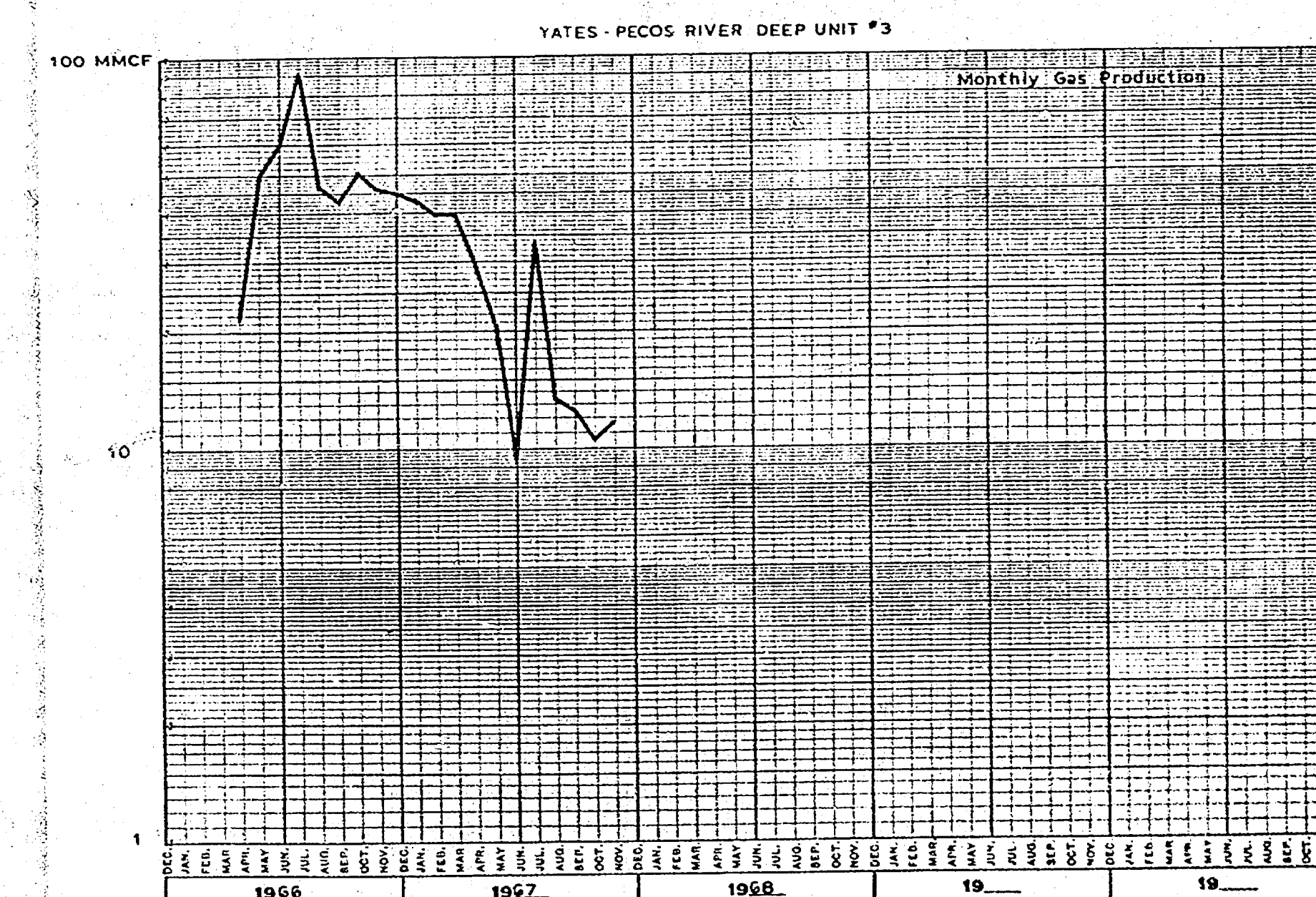
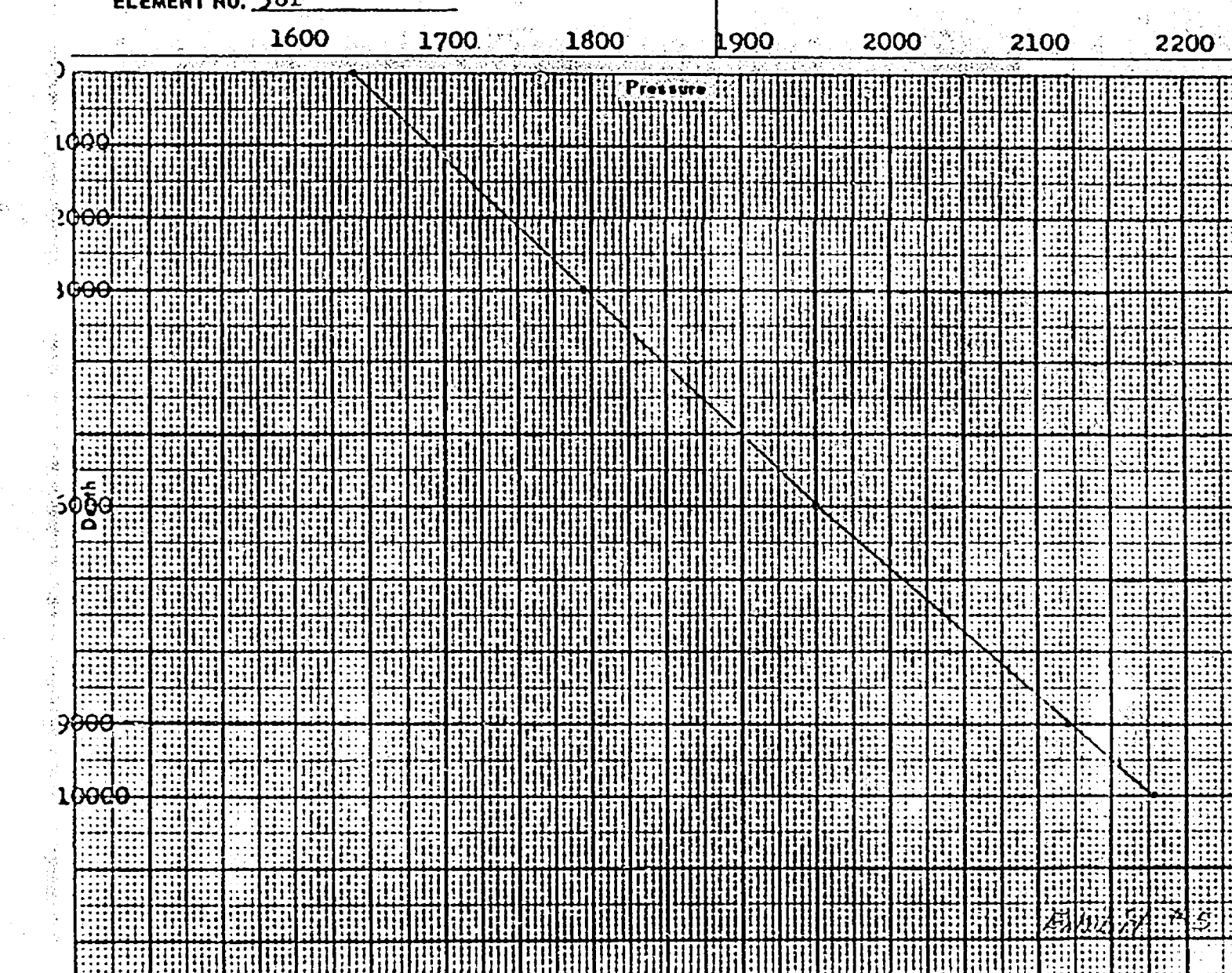


ARTESIA, N.M. **BENNETT WIRE LINE SERVICE** *HYDRA, N.M.*
 6057 MAIN ST. 305 McARTHUR *HY A/BGX/NDZ*
 PHONE SH. 6-3281 *HYDRA/RYA/BBST*

BOTTOM HOLE PRESSURE SURVEY REPORT

OPERATOR HARVEY H. YATES
 LEASE SINGOLD NO.
 WELL NO. 1
 FIELD 1
 DATE 4/21/67 TIME 10:00 AM
 STATUS Shut-in TEST DEPTH
 TIME 4.1 4.5 hrs LAST TEST DATE
 CAS. PRES. 1619 BHP LAST TEST
 TUB. PRES. 1619 BHP CHANGE
 ELEV. 173 FLUID TOP None
 DATUM 173 WATER TOP None
 TEMP. 173 RUN BY S.D. Benoit
 CLOCK NO. 32
 ELEMENT NO. 381

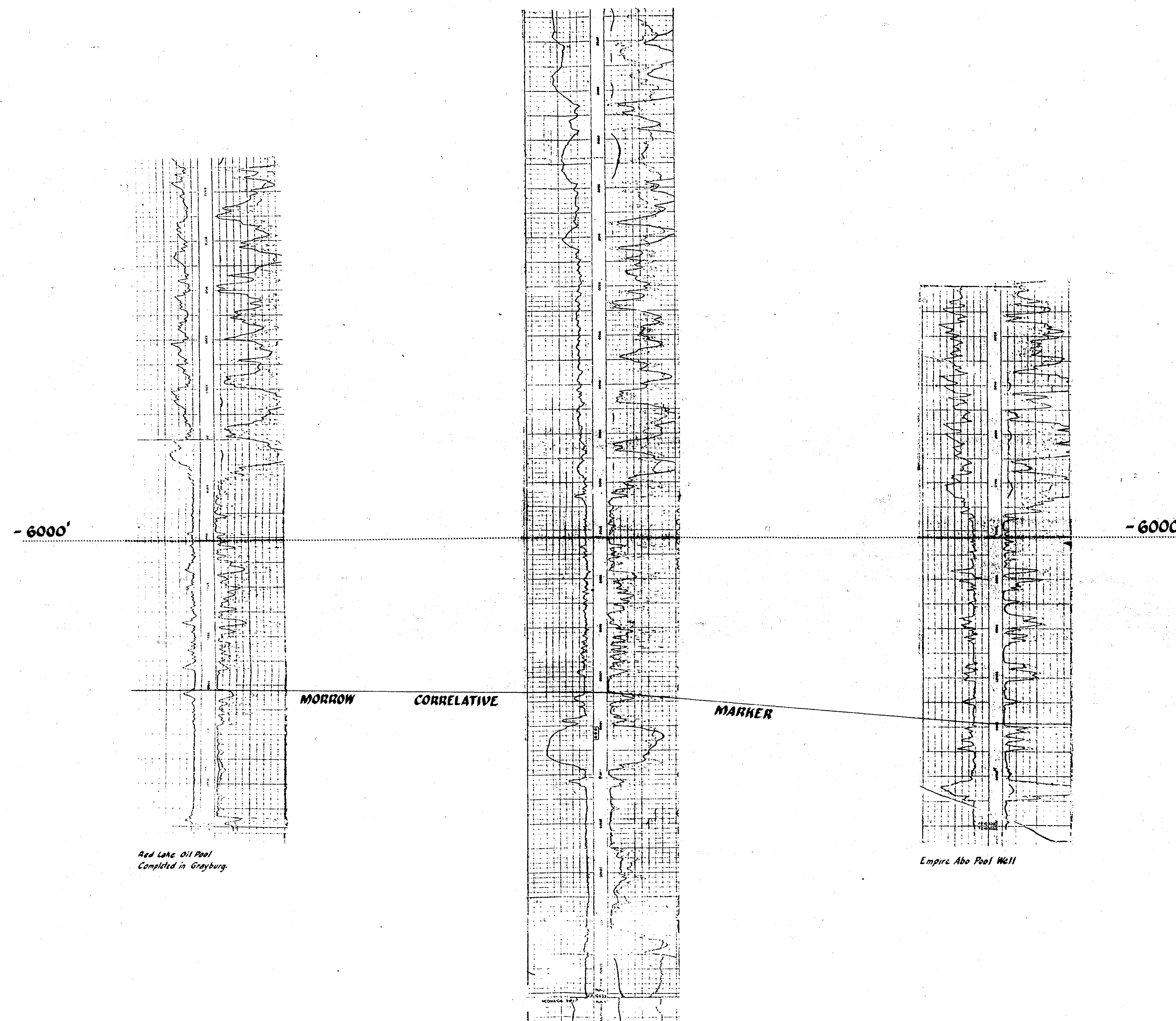
DEPTH	PRESSURE	GRADIENT
		lbs./100'
0 Ft.	1619 lbs.	
3000 "	1796 "	05.2
6000 "	1950 "	05.2
9000 "	2120 "	05.7
10000 "	2170 "	05.6



KERSEY & CO.
Red Lake Premier Sand Unit Well No. 11
 Elev. 3605'

PAN AM.
State Gas Unit 'B' No. 1
 Elev. 3715'

PAN AM.
State 'AE' No. 1
 Elev. 3715'



*Red Lake Oil Pool
 Completed in Grayburg*

Empire Abo Pool Well

*Empire Pennsylvania Gas Pool
 Perf. 10, 101-127
 Initial 401-8-53
 30 MMCFD + 26 BD/MMCF*

BEFORE EXAMINER UTZ
 OIL CONSERVATION COMMISSION
 Pan Am's EXHIBIT NO. 2
 CASE NO. 2890

**STRUCTURAL X-SECTION
 EMPIRE (PENNSYLVANIAN) POOL**
 EDDY CO., NEW MEXICO
 Vert. Scale: 1"=100'

