

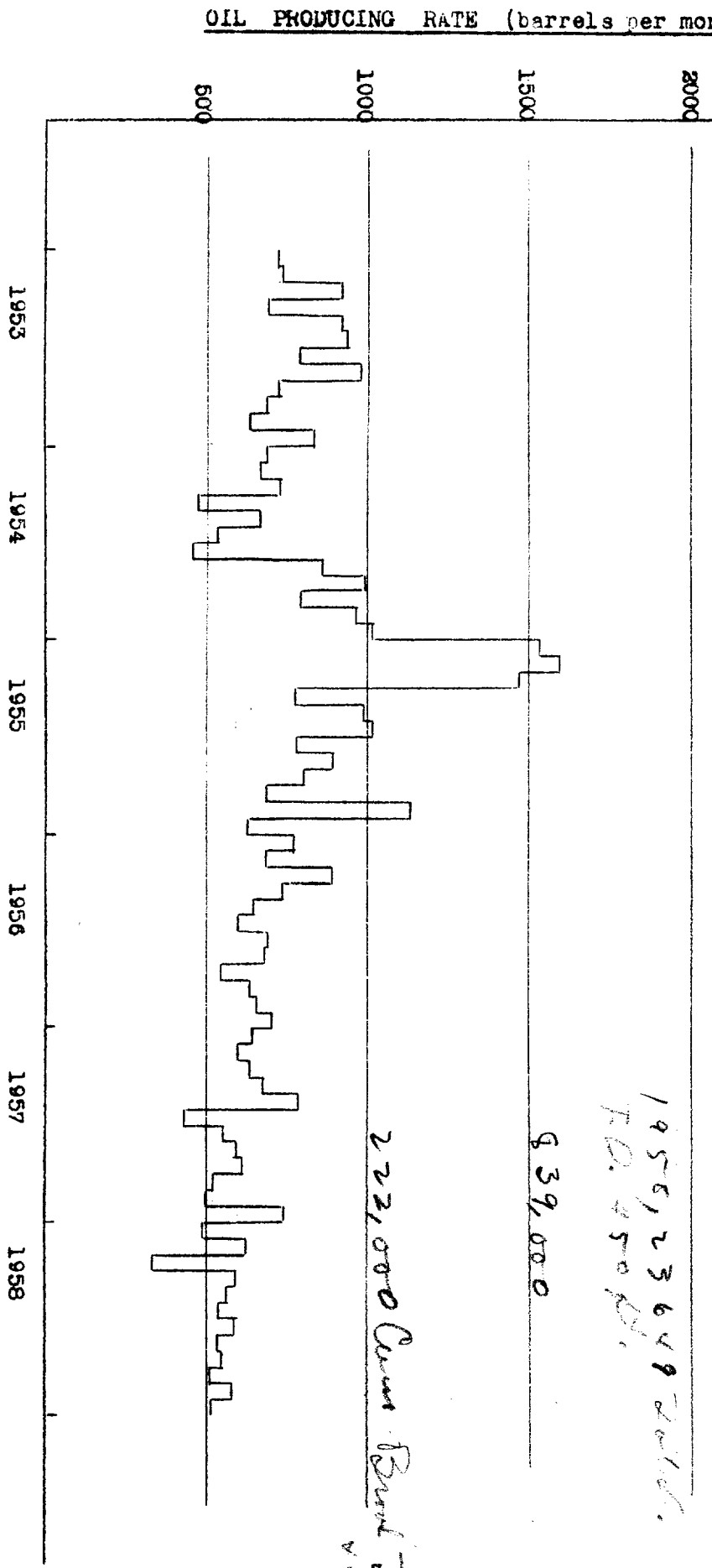
LEONARD LARCE * TOTAL PRODUCTION FROM EMPIRE FIELD PROPERTIES
(Brooks, Berry, Spurck, Saunders, & Travis lenses)

BEFORE EXAMINER UTZ
OIL CONSERVATION COMMISSION
CASE NO. 1814

1955, 23649 barrels.
T.D. 450 bbl.

839,000

223,000 Cum Brack Tank
+ 60000



LEONARD LATCH - TRAVEL & SUBSISTENCE EXPENSES - 1950 DATA

BILL NUMBER	CLASS	QUANTITY	CALCULATED		INITIAL	COMPL.	DATE	ALLOCATION	TOTAL PAY	TOTAL DEDUCT
			TOP	QUANTITY						
TRAVEL										
"	NO. 1	7" @ 412	25	31	150'		Sept. '50	3466	3030	440
"	NO. 2	7" @ 432	25	31	175'		Oct. '50	3462	3013	453
"	NO. 3	7" @ 435	25	31	173'		Nov. '50	3471	3021	454
"	NO. 4	7" @ 416	25	31	154'		Dec. '50	3470	3030	443
"	NO. 5	7" @ 420	25	31	158'		Jan. '51	3466	3030	446
"	NO. 6	7" @ 430	25	31	168'		Mar. '51	3466	3002	469
SAUNDERS B	NO. 1	5 1/2" @ 416	25	31	180'		Nov. '49	3475	3028	465
"	NO. 2	5 1/2" @ 435	20	31	235'		Aug. '50	3483	3028	490
SAUNDERS A	NO. 1	7" @ 402	50	31	37'		Dec. '49	3456	3044	436
"	NO. 2	7" @ 418	20	31	208'		Sept. '49	3459	3041	479
"	NO. 5	5 1/2" @ 457	20	31	277'		Jun. '50	3490	3014	488
"	NO. 6	5 1/2" @ 441	30	31	171'		Sept. '50	3487	3009	488
"	NO. 7	7" @ 419	30	31	159'		Dec. '50	3480	3034	463
"	NO. 8	5 1/2" @ 446	30	31	176'			3480	3034	474
"	NO. 9	5 1/2" @ 435	30	31	199'			3505		501

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BEFORE EXAMINER UTZ
CITY OF LOS ANGELES COMMISSION
CASE NO. 18143

LEONARD LATCH & BROOKS LEASE - WELL DATA

WELL NUMBER	CASING	CEMENT	CALCULATED		PAY	INITIAL POTENTIAL	COMPL. DATE	ELEVATION	TOP PAY (ABOVE SL)	TOTAL DEPTH
No. 1	6" @ 575	Unknown	---	617-28	85B/D	Dec. '38	3598	2991	638	
No. 2	6" @ 510	95 SK	480'	Plugged - Dry Hole					580	
No. 3	Dry Hole									
No. 4	5" @ 475	28 SK	85'	522-27	25B/D	May '41	3589	3007	516	
No. 5	5" @ 490	25 SK	100' Dry Hole						566	
No. 6	6" @ 505	10 SK	375' 3	430-45	(?)	Sept. '41	3538	3108	586	
No. 7	7" @ 506	20 SK	306'	527-35	40H/D	Nov. '41	3543	3016	541	
No. 8	6" @ 448	20 SK	848'	542-47	4H/D	Jan. '42	3549	3007	547	
No. 9	7" @ 597	50 SK	235'	599-601	45B/D	Jun. '50	3593	2999	635	
No. 10	7" @ 536	50 SK	172'	557-59	55B/D	Jul. '50	3559	3002	575	
No. 11	7" @ 607	50 SK	243'	614-20	5H/D	Aug. '50	3623	3009	649	
No. 12	7" @ 550	50 SK	194'	566-79	6H/D	Aug. '50	3582	3016	590	
No. 13	7" @ 606	50 SK	242'	608-15	25B/D	Sept. '50	3598	2990	628	
No. 14	7" @ 588	50 SK	194'	572-75	15B/D	Oct. '50	3579	3007	694	
No. 16	7" @ 580	55 SK	274'	537-45	20B/D	Nov. '50	3547	3010	800	
No. 17	7" @ 552	35 SK	278'	538-55	25H/D	Nov. '50	3568	3016	587	
No. 18	7" @ 558	35 SK	302'	557-81	5B/D	Mar. '51	3597	3040	604	
No. 20	5" @ 564	25 SK	381'	562-64	20B/D	Apr. '52	3568	3006	598	
No. 21	7" @ 565	25 SK	402'	601-04	20B/D	Jul. '52	3607	3008	620	
No. 22	7" @ 589	25 SK	406'	601-06	5B/D	Oct. '52	3599	2998	606	
No. 19	7" @ 558	50 SK	194'	577-81	5H/D	Mar. '51	3579	3002	604	

BEFORE EXAMINER UTZ
CPL CORRECTION ON COMPLETION
CASE NO. 1814

FEATHERSTONE BROOKS
WELL #22
ARTESIA, NEW MEXICO

LABORATORY CORE ANALYSIS

Sample Number	Depth Feet	Percent Porosity	Percent Saturation		Perm. Md.	Oil Content Hbbls/A. Ft.	Re-marks
			Oil	Water			
1	602.5	19.50			10.18		Liney
2	602.7	21.40	35.1	22.7	10.08	582	"
3	602.9	20.80	36.2	17.2	12.18	583	"
4*	603.3	23.05			12.08		Good Sand
5	603.6	20.25	48.8	37.0	14.72	767	"
6*	603.9	21.95			59.10		"
7	604.4	21.20	43.1	28.2	13.72	710	"
8	604.7	23.80			50.56		"
9	604.9	15.18	50.7	44.8	17.58	528	"
10*	605.4	28.00			49.80		"
11	605.7	19.88	29.2	45.9	48.10	450	"
12	606.2	11.62			5.12		"
13	606.5	8.74	39.5	60.5	2.14	268	Liney
14	606.7	7.63			5.28		"

* Samples under water flood.
Will report results later.

BEFORE EXAMINER UTZ
OIL CONSERVATION COMMISSION
EXHIBIT NO. 814
CASE NO. 5

FEATHERSTONE BROOKS

WELL #22

ARTESIA, NEW MEXICO

PRESSURE: 20 lbs./sq. in.
TIME ON: 2:00 PM 8/4/52

Sample Number	Depth	Dimension - CM			Percent Porosity	Perm. Md. (Air)	Flood Time	
		Length	O.D.	I.D.			Hrs.	Min.
4	603.4	6.69	5.48	1.01	23.05	12.08	4	25
6	604.0	6.70	"	"	21.95	59.10	9	25
8	604.7	6.70	"	"	23.80	50.58	9	25
10	605.3	6.66	"	"	28.00	49.80	22	45

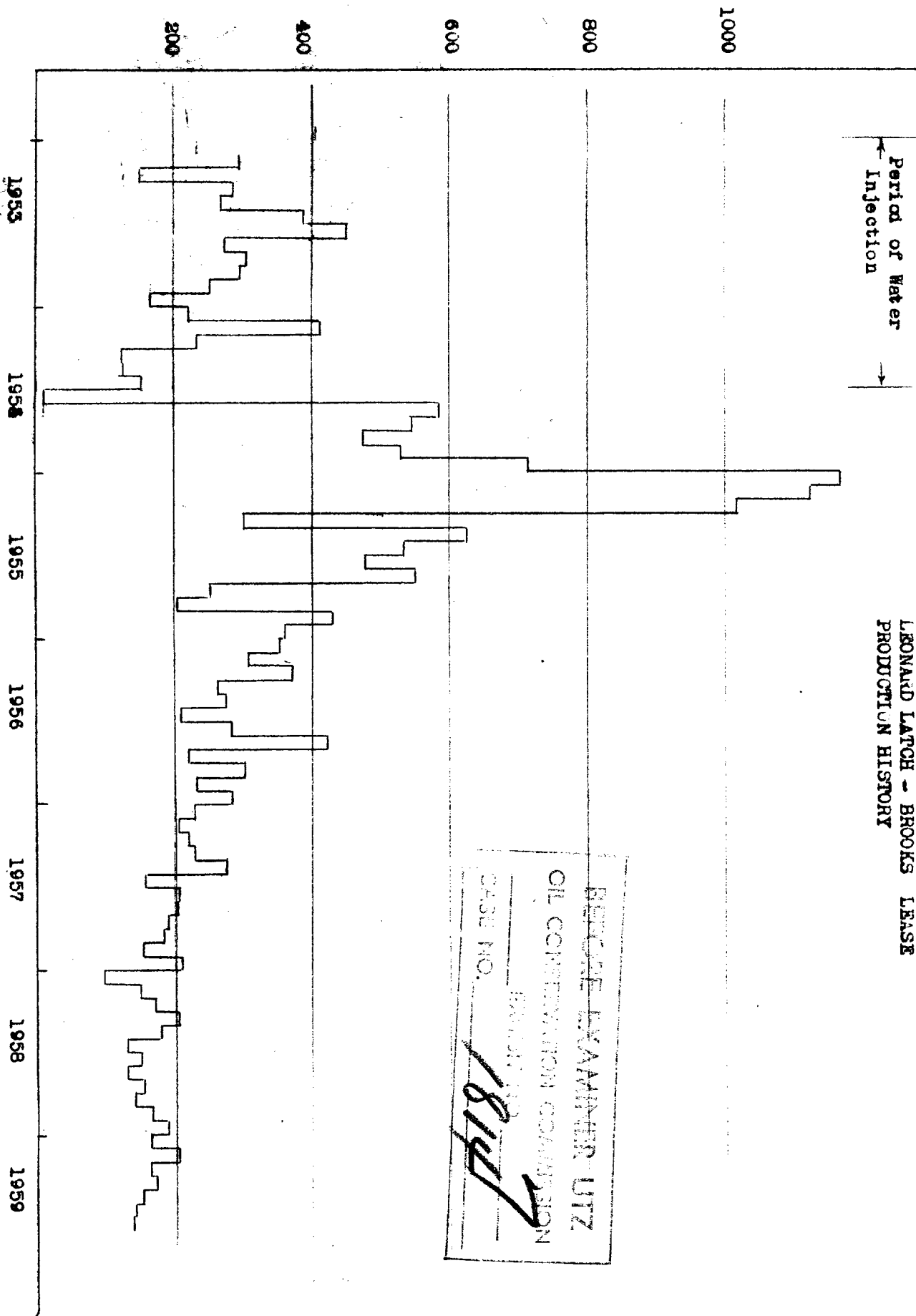
* Reduced to 10 lbs. at 4:50 PM 8/4/52 - See Flood Sheet

** Recovery (Oil) computed on initial saturation and final saturation on adjoining samples

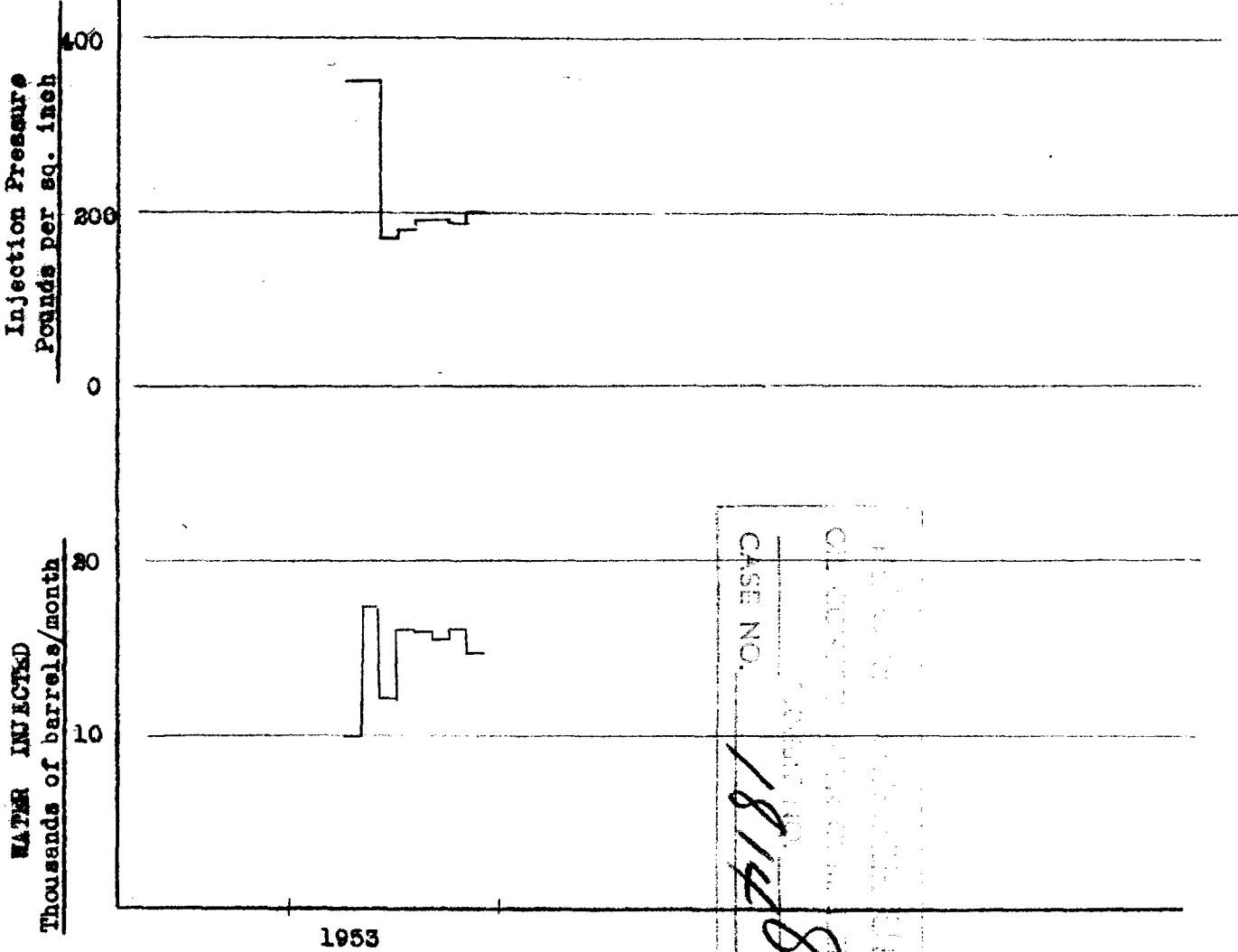
Sample Number	Pressure lbs./Sq. In.	Final Saturation		Oil Recovery**	
		Oil	Water	B/A.Ft.	Percent
4	20	17.2	80.2	276	52.5
6	"	22.0	68.5	392	54.9
8	"	14.8	82.5	437	68.5
10	"	12.8	67.6	250	74.8

BEFORE EXAMINER UTZ
OIL CORPORATION CONNECTION
CASE NO. 1814

OIL PRODUCING RATE (barrels per month)



LEONARD LATCH -BROOKS LEASE-EMPIRE FIELD
WATER INJECTION RATE & INJECTION PRESSURE



CASE NO. 18148
DATE 10/1/53
BY J. H. H. 112