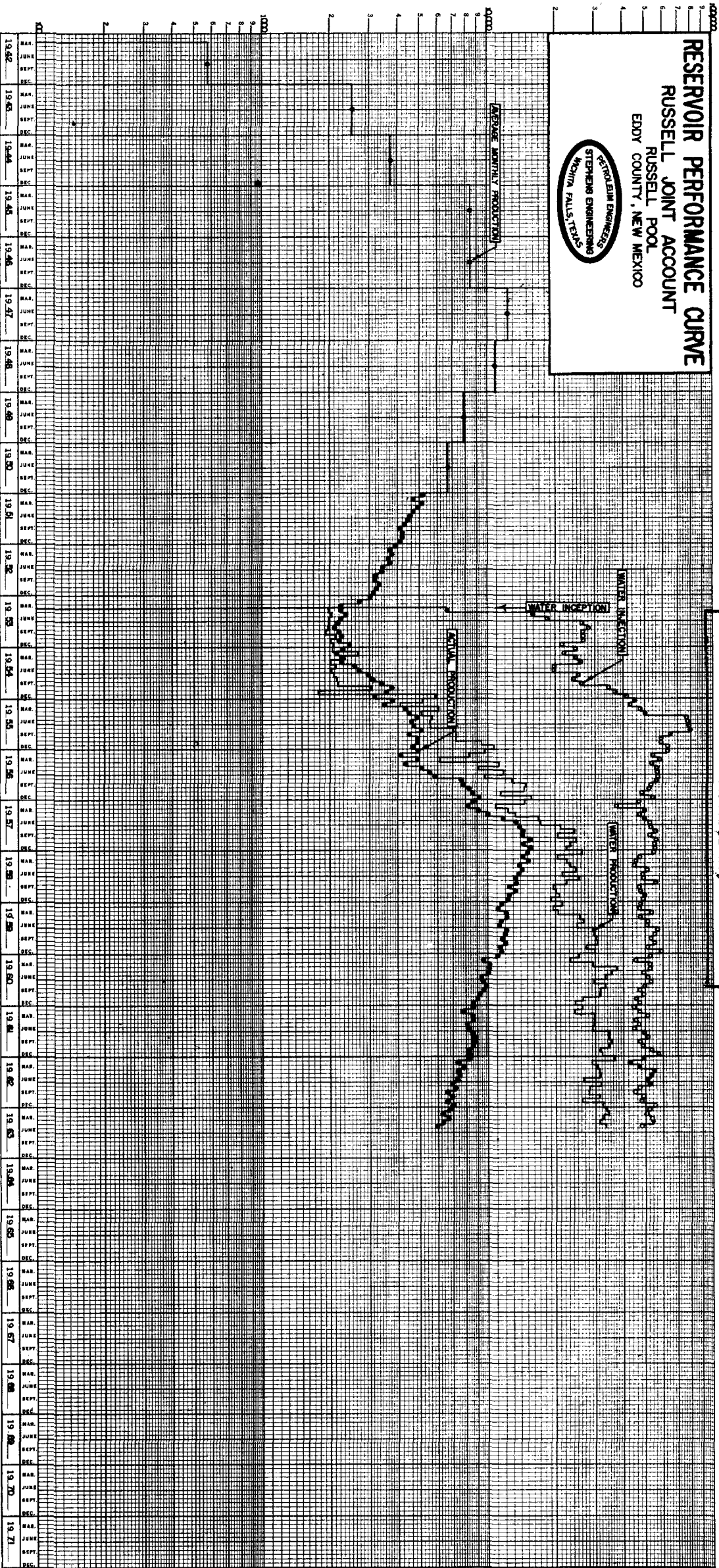


OIL and WATER PRODUCTION , WATER INJECTION — BARRELS PER MONTH



RESERVOIR PERFORMANCE CURVE
RUSSELL JOINT ACCOUNT
RUSSELL POOL
EDDY COUNTY, NEW MEXICO

BEFORE EXAMINER NUTTER
OIL CONSERVATION COMMISSION
EXHIBIT NO. 2
CASE NO. 28479

EXHIBIT "B"

OPERATOR Neil H. Wills LEASE Russell Pool

Water Flood Started April, 19 53

PRODUCTION DATA					
Water Input Month Bbls.	Overall Input W/O Ratio	Mo. Prod. W/O Ratio	Mo. Prod. Water Bbls.	Monthly Prod. Oil & Water Bbls.	Accum. Water Prod. Bbls.
48,138	5.73	5.60	33,264	39,204	-

AVERAGE DAILY OIL PRODUCTION 94.7 BBLs. PRIOR TO FLOODING
AVERAGE DAILY OIL PRODUCTION 191.6 BBLs. (THIS MONTH)

Oil Prod. Month Bbls. *	Oil Prod. Month By Flooding Est. Bbls.	Oil Prod. Month Normal Recovery During Flood Est. Bbls.	Accum. Prod. By Flooding Est. Bbls.	Accum. Prod. by Normal Recov. During Flooding Est. Bbls.	Accum. Prod. Prior To Flooding Bbls.	Total Accum. Prod. Bbls.
5,940	5,940	0	824,528	152,687	842,221	1,819,436

TOTAL ACRE FEET IN PROJECT 8511
TOTAL ACRE FEET UNDER FLOOD 8511
PRODUCTION PER ACRE FOOT PRIOR TO FLOODING 98.84 BBLs.
NORMAL PRODUCTION PER ACRE FOOT DURING FLOODING 17.94 BBLs.
PRODUCTION PER ACRE FOOT BY FLOODING 96.88 BBLs.
TOTAL PRODUCTION PER ACRE FOOT 213.66 BBLs.

WATER INJECTION DATA								
Input Well No.	Avg. Press. Lbs.	Total Water Inj. Bbls.	Avg. Daily Input Bbls.	Rec. Daily Input Bbls.	Accum. Tot. Water Injected Bbls.	Acre Feet Invaded 100 % Eff.	Recom. Daily Input Next Month Bbls.	Remarks
2	677	1,995	64.4	60	143,281	-	60	
5	677	2,368	76.4	200	558,995	-	200	
6	536	2,167	69.9	75	168,987	-	75	
8	677	1,226	39.5	70	178,416	-	70	
10	677	297	10.0	40	164,302	-	40	
14	677	1,192	38.5	100	22,312	-	100	
15	677	1,231	39.7	100	50,985	-	100	
17	677	123	4.0	20	32,380	-	20	
18	677	360	11.6	20	59,907	-	20	
19	677	2,444	78.8	90	315,075	-	90	
21	677	981	31.6	100	216,491	-	100	
23	677	1,816	58.6	130	390,860	-	130	
25	677	208	6.7	50	28,052	-	50	
26	677	347	11.2	50	27,113	-	50	
27	677	1,610	51.9	60	105,090	-	60	
28	677	31	1.0	60	61,642	-	60	

BEFORE EXAMINER NUTTER

OIL CONSERVATION COMMISSION

EXHIBIT NO. 3

CASE NO. 2027

BEFORE EXAMINER NUTTER
OIL CONSERVATION COMMISSION
EXHIBIT NO. 3
CASE NO. 2027

TOTAL
* NOTE: Daily Gauges, not E.B. Production

OPERATOR Neil H. Wills LEASE Russell Pool

Water Flood Started April, 19 53

WATER INJECTION DATA								
Input Well No.	Avg. Press. Lbs.	Total Water Inj. Bbls.	Avg. Daily Input Bbls.	Rec. Daily Input Bbls.	Accum. Tot. Water Injected Bbls.	Acre Feet Invaded 100 % Eff.	Recom. Daily Input Next Month Bbls.	Remarks
29				0	67,923	-	0	
30	677	256	8.3	40	66,368	-	40	
T2	677	1,977	63.8	50	71,286	-	50	
T3	677	704	22.7	60	23,400	-	60	
T4				0	20,862	-	0	
T6	677	998	32.2	30	49,314	-	30	
T8	677	4,470	144.2	105	369,331	-	105	
T12	677	4,813	155.3	190	634,270	-	190	
T13	677	2,841	91.6	100	210,260	-	100	
T14	677	3,965	127.9	170	604,846	-	170	
T15	677	676	21.8	40	43,901	-	40	
T17	677	380	12.3	50	50,336	-	50	
T18	509	2,836	91.5	100	366,019	-	100	
T21	677	1,474	47.5	45	211,792	-	45	
T22	677	411	13.3	55	89,190	-	55	
C2	676	3,404	109.8	75	82,643	-	75	
C4	677	537	17.3	40	98,657	-	40	

MONTHLY WATER FLOOD REPORT

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Neil H. Wills

OPERATOR Russell Pool

LEASE

May, 1963

INDIVIDUAL WELL TESTS						Pump Capacity	CUMULATIVE OIL PROD.. BBLs	REMARKS *
WELL NO.	TEST	OIL BBL	WATER BBL	TOTAL FLUID BBL	WOR			
1	Previous	9	47	56	81			March Test
	This Mo.	7	48	55	81			
3	Previous	4	49	53	96			
	This Mo.	4	42	46	96			
4	Previous	3	0	3	65			November Test
	This Mo.	NT						
7	Previous	15	159	174	180			March Test
	This Mo.	7	107	114	180			
9	Previous	7	15	22	76			
	This Mo.	10	13	23	76			
11	Previous	41	50	91	144			
	This Mo.	42	67	109	144			
12	Previous	5	48	53	71			
	This Mo.	3	41	44	71			
13	Previous	9	20	29	96			
	This Mo.	9	42	51	96			
16	Previous	14	42	56				March Test
	This Mo.	9	106	115				
20	Previous	10	4	14	59			
	This Mo.	11	4	15	59			
22	Previous	11	22	33	132			
	This Mo.	11	20	31	132			
T1	Previous	6	14	20	41			
	This Mo.	6	14	20	41			
T7	Previous	3	12	15	41			March Test
	This Mo.	NT						
T9	Previous	8	57	65	77			
	This Mo.	4	60	64	77			
T10	Previous	19	60	79	126			
	This Mo.	20	59	79	126			
T11	Previous	10	73	83	144			
	This Mo.	10	71	81	144			
T16	Previous	20	238	258	285			
	This Mo.	20	230	250	285			

	PREVIOUS MONTH	THIS MONTH
Total Oil Tests		
Total Water Tests		
Total Fluid Tests		
Avg. Prod. WOR		

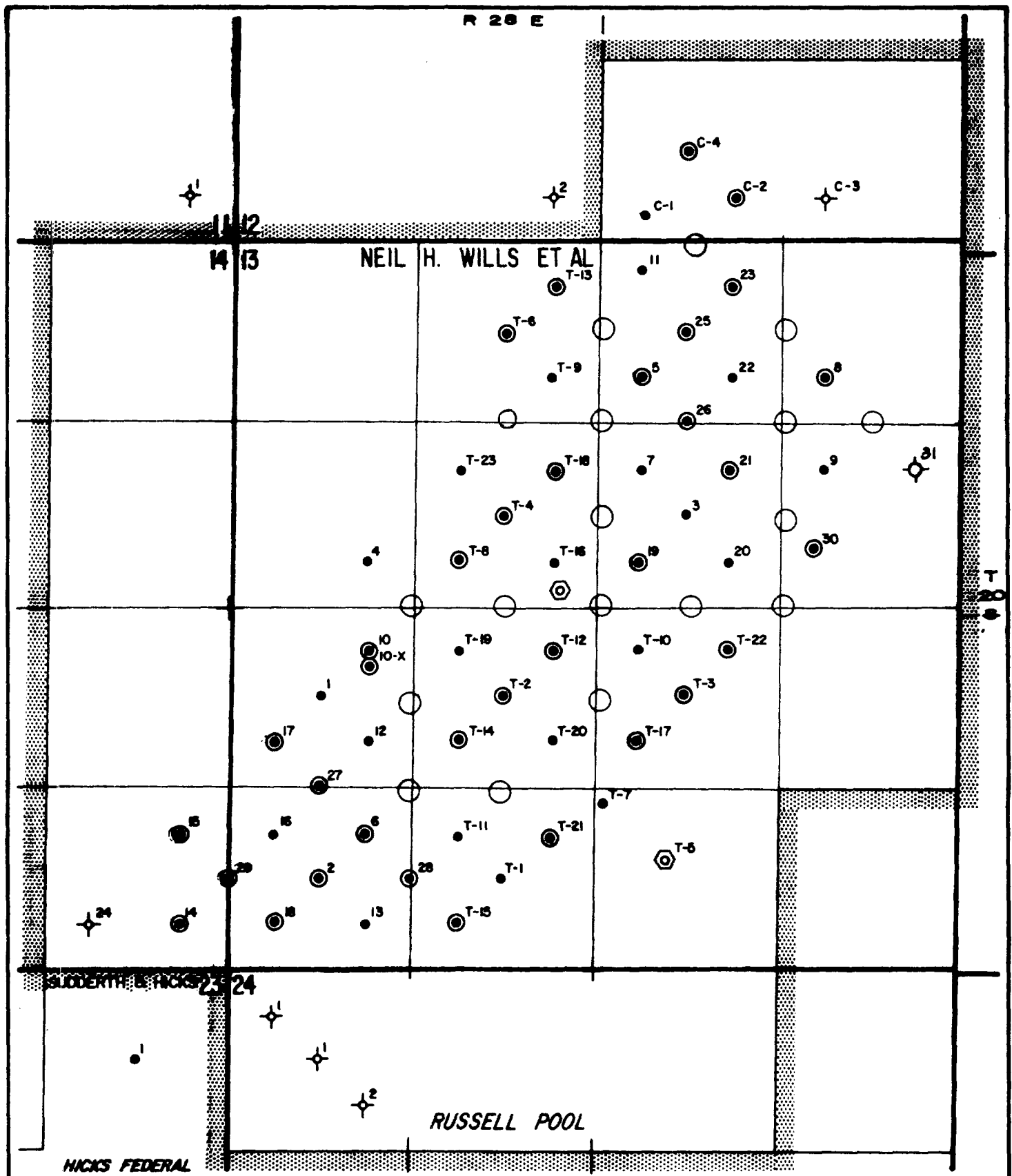
* Remarks includes pump efficiency, partial water analysis, etc.

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LEASE

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P. O. Box 2249 — Phone 723-2167



- LEGEND**
- PRODUCING OIL WELL
 - WATER INJECTION WELL
 - ⊙ WATER SUPPLY WELL
 - ✦ DRY HOLE
 - ▨ LEASE AREA

NEIL H. WILLS ET AL
RUSSELL POOL
EDDY COUNTY, NEW MEXICO



○ 18-proposed locations
EXHIBIT "A"

BEFORE EXAMINER NUTTER
FOR CONSERVATION COMMISSION
 EXHIBIT NO. 2847
 CASE NO. 2847