Case No
5152

Large Exhibits

W.N.M.C.F. MICROGRAPHICS

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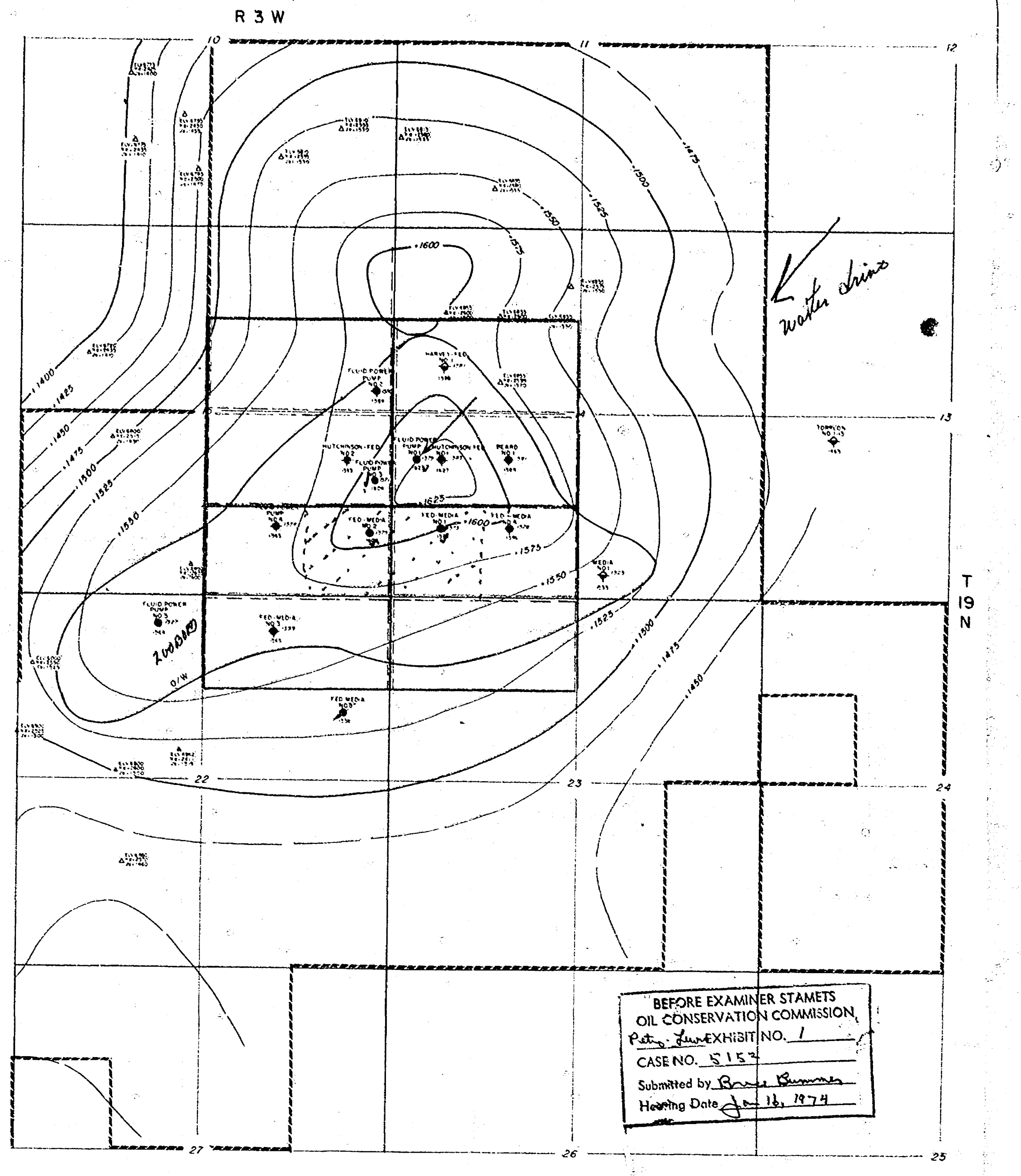

BEFORE EXAMINER STAMETS
OIL CONSERVATION COMMISSION
Petg. Lue EXHIBIT NO. 1
CASE NO. 5153
Submitted by Bruce Bumme
Hearing Date Jan 16, 1974

LEGEND

✦ ABANDONED WELL (4)
◆ TEMP. ABANDONED WELL (7)
● PRODUCING WELL (5)
ϕ GALLUP DISPOSAL WELL (1)

● 1527 ABOVE SEA DEPTH OF ENTRADA OIL-WATER CONTACT
1554 ABOVE SEA DEPTH OF ENTRADA TOP
FLUID POWER PUMPED ACREAGE

EXPLANATION
Kd - DAKOTA SANDSTONE
Je - ENTRADA SANDSTONE

NOTE
MAP COMPILED FROM SUBSURFACE & SURFACE GEOLOGY

△ PROJECTED DEPTHS FROM FORMATIONS ON SURFACE

MEDIA DOME FIELD

SANDOVAL COUNTY, NEW MEXICO

ENTRADA STRUCTURE MAP

CONTOUR INTERVAL = 25'

GEOLOGY BY G.M.M. & B.L.S.
DATE JAN. 14, 1974
FUSSELMAN, WINN & MADDEN
CASPER, WYOMING

N.M.O.C.F. MICROGRAPHICS

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MEDIA DOME FIELD
SANDOVAL COUNTY
NEW MEXICO

DATE	FEDERAL MEDIA #1 PRODUCTION BOPM	BWPM	WATER OIL RATIO	FEDERAL MEDIA #2 PRODUCTION BOPM	BWPM	WATER OIL RATIO	FLUID POWER PUMP #1 PRODUCTION BOPM	BWPM	WATER OIL RATIO	FLUID POWER PUMP #3 PRODUCTION BOPM	BWPM	WATER OIL RATIO	FLUID POWER PUMP #5 PRODUCTION BOPM	BWPM	WATER OIL RATIO	TOTAL ENTRADA PRODUCTION PRODUCTION BOPM	BWPM	WATER OIL RATIO	CUMULATIVE OIL
April, '69	846	0	--													846	0	--	846
May, '69	1,260	0	--													1,260	0	--	2,106
June, '69	2,681	3,800	1.42	2,681	3,800	1.42										5,362	7,600	1.42	7,468
July, '69	2,881	3,000	1.04	2,882	3,000	1.04										5,763	6,000	1.04	13,231
August, '69	3,000	3,200	1.07	3,000	3,200	1.07										6,000	6,400	1.07	19,231
September, '69	2,674	2,750	1.03	2,673	2,750	1.03										5,347	5,500	1.03	24,578
October, '69	2,238	2,300	1.03	2,237	2,300	1.03										4,475	4,600	1.03	29,053
November, '69	679	700	1.03	680	700	1.03										1,359	1,400	1.03	30,412
December, '69	1,673	560	.33	1,674	1,700	1.02										3,347	2,260	.68	33,759
January, '70	1,695	---	--	0	0	--										1,695	0	--	35,454
February, '70	1,265	400	.32	0	0	--										1,265	400	.32	36,719
March, '70	2,475	800	.32	0	0	--										2,475	800	.32	39,194
April, '70	773	250	.32	0	0	--										773	250	.32	39,967
May, '70	2,174	725	.33	0	0	--										2,174	725	.33	42,141
June, '70	646	300	.46	0	0	--										646	300	.46	42,787
July, '70	2,896	1,400	.48	0	0	--										2,896	1,400	.48	45,683
August, '70	2,720	1,350	.50	0	0	--										2,720	1,350	.50	48,403
September, '70	2,443	1,200	.49	0	0	--										2,443	1,200	.49	50,846
October, '70	2,484	1,200	.48	0	0	--										2,484	1,200	.48	53,330
November, '70	173	80	.46	0	0	--										173	80	.46	53,503
December, '70	1,741	850	.49	0	0	--										1,741	850	.49	55,244
January, '71	103	50	.49	0	0	--										103	50	.49	55,347
February, '71	0	0	--	0	0	--										0	0	--	55,347
March, '71	914	450	.49	327	0	--										1,241	450	.36	56,588
April, '71	2,166	10,830	5.00	780	3,900	5.00										2,946	14,730	5.00	59,534
May, '71	2,728	13,640	5.00	1,188	5,940	5.00										3,916	19,580	5.00	63,450
June, '71	2,145	10,725	5.00	2,621	13,105	5.00										4,766	23,830	5.00	68,216
July, '71	2,524	10,100	4.00	2,627	10,500	4.00										5,151	20,600	4.00	73,367
August, '71	2,420	9,780	4.04	2,840	11,360	4.00										5,260	21,140	4.02	78,627
September, '71	2,495	9,980	4.00	2,522	10,090	4.00										5,017	20,070	4.00	83,644
October, '71	2,937	11,750	4.00	3,057	12,225	4.00										5,994	23,975	4.00	89,638
November, '71	2,595	7,785	3.00	3,583	10,750	3.00	3,368	?	?							9,546	18,535	1.94	99,184
December, '71	3,503	10,500	3.00	3,503	10,500	3.00	10,691	?	?							17,097	21,000	1.23	116,281
January, '72	3,512	10,535	3.00	3,512	10,535	3.00	6,813	20,440	3.00							13,837	41,510	3.00	130,118
February, '72	2,874	8,622	3.00	3,241	9,723	3.00	9,855	29,565	3.00							15,970	47,910	3.00	146,088
March, 72	2,558	8,874	3.00	2,958	8,874	3.00	9,027	27,000	3.00							14,943	44,828	3.00	161,031
April, '72	5,011	15,030	3.00	3,098	9,295	3.00	9,385	28,155	3.00	2,017	6,050	3.00				19,511	58,530	3.00	180,542
May, '72	4,856	14,570	3.00	3,935	11,800	3.00	9,940	29,820	3.00	1,761	5,280	3.00				20,492	61,470	3.00	201,034
June, '72	3,779	11,339	3.00	3,275	9,825	3.00	5,942	17,826	3.00	1,401	4,203	3.00				14,397	43,191	3.00	215,431
July, '72	4,455	13,365	3.00	3,329	9,987	3.00	7,575	22,725	3.00	2,039	18,350	9.00	448	4,030	9.00	17,846	78,457	4.40	233,277
August, '72	4,392	13,176	3.00	4,098	12,294	3.00	7,919	23,757	3.00	2,035	21,015	10.33	687	6,183	9.00	19,431	76,425	3.93	252,708
September, '72	4,711	14,133	3.00	3,403	10,209	3.00	7,704	23,112	3.00	1,473	13,257	9.00	539	4,851	9.00	17,830	65,562	3.68	270,538
October, '72	3,891	11,675	3.00	2,902	8,700	3.00	0	0	--	1,800	16,200	9.00				8,593	36,575	4.26	279,131
November, '72	3,356	10,070	3.00	1,746	5,240	3.00	3,283	9,850	3.00	1,691	15,200	9.00				10,076	40,360	4.01	289,207
December, '72	1,244	3,730	3.00	3,648	10,940	3.00	7,637	22,900	3.00	1,698	15,280	9.00				14,227	52,850	3.71	303,434
January, '73	219	657	3.00	3,590	10,770	3.00	8,340	25,020	3.00	1,461	13,149	9.00				13,610	49,596	3.64	317,044
February, '73	3,381	10,143	3.00	3,182	9,546	3.00	7,577	22,731	3.00	283	2,547	9.00				14,423	44,969	3.12	331,467
March, '73	1,301	3,903	3.00	1,657	4,971	.65	3,901	11,703	3.00	8	72	9.00				6,867	20,649	3.01	338,334
April, '73	2,470	7,410	3.00	1,821	5,463	3.00	2,943	8,829	3.00	104	936	9.00				7,338	22,638	3.09	345,672
May, '73	2,143	6,429	3.00	3,095	9,285	3.00	8,164	24,492	3.00	0	0	--				13,402	40,206	3.00	359,074
June, '73	3,067	28,600	9.33	3,396	32,625	9.61	6,561	56,000	8.54	851	25,650	30.14				13,905	143,305	10.31	372,979
July, '73	3,273	27,900	8.52	2,804	25,900	9.24	5,724	50,000	8.74	84	1,350	16.07				12,376	105,533	8.53	385,355
August, '73	2,744	21,285	7.76	2,113	20,350	9.63	4,968	41,782	8.43	2,871	66,186	23.05	74	10,730	145.00	12,783	160,441	12.55	398,138
September, '73	3,028	26,403	8.58	2,931	27,589	9.41	6,395	62,095	9.71	3,993	83,160	20.83	79	7,223	91.43	16,494	207,051	12.55	414,632
October, '73	2,549	28,339	11.12	3,133	28,453	9.08	7,001	62,416	8.92	3,931	95,258	24.23				16,700	215,053	12.88	431,332
November, '73	3,129	30,595	9.78	3,062	27,700	9.05	9,321	68,769	7.38	3,391	92,573	27.30				18,903	219,637	11.62	450,235
December, '73	2,961	43,536	14.70	1,300	10,462	8.04	16,325	104,453	6.40	1,565	49,637	31.72	1,773	2,490	1.40	23,924	210,578	8.80	474,159
CUMULATIVE OIL	139,251			110,104			185,759			34,757			3,600			474,159			
CUMULATIVE WATER		494,045			434,026			833,620			545,353			35,507			2,344,640		
WATER OIL RATIO			3.55			3.94			4.49			15.69			9.86			4.94	

Change in June represents better operating control & measurement not real

BEFORE EXAMINER STAMETS
OIL CONSERVATION COMMISSION
Petro-Lewis EXHIBIT NO. 3
CASE NO. 5152
Submitted by Bruce Bummer
Hearing Date Jan. 16, 1974

N.M.O.C.C. MICROGRAPHICS
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Average BOP Per Day - FPP-1 + FPP-3

	Calendar Days	BOP FPP-1	BOP Per Day	BOP FPP-3	BOP Per Day	BOP FPP-1+3	BOP Per Day FPP-1+3
10/1 - 12/31/71	92	13459	146.3			13459	146.3
Leap year 1/1 - 3/31/72	91 ~~90~~	25295	282.4 ~~[illegible]~~			25295	~~[illegible]~~ 282.4
4/1 - 6/30/72	91	25267	277.6	5179	56.9	30446	334.6
7/1 - 9/30/72	92	23198	252.2	5547	60.3	28742	312.4
10/1 - 12/31/72	92	10920	118.7	5189	56.4	16109	175.1
1/1 - 3/31/73	90	19818	220.2	1752	19.5	21570	239.7
4/1 - 6/30/73	91	17668	194.2	189	2.1	17857	196.2
7/1 - 9/30/73	92	17087	185.7	6948	75.5	24035	261.2
10/1 - 12/31/73	92	32647	354.9	8887	96.6	41534	451.5
1/1 - 3/31/74	90	35143	390.5	8729	97.0	43872	487.5
4/1 - 6/30/74	91	39585	435.0	9352	102.8	48937	537.8
7/1 - 9/30/74	92	36090	392.3	6314	68.6	42404	460.9
10/1 - 12/31/74	92	29839	324.3	2354	25.6	32193	349.9
1/1 - 3/31/75	90	20489	227.7	3083	34.3	23572	261.9
4/1 - 6/30/75	91	21013	230.9	2114	23.2	23127	254.1

Allowable 347

FPP-1 10/1/73 - 6/30/75 - 21 Months - Allowable or greater 12 months
7/1/74 - 6/30/75 - 12 months - " " " 3 months

FPP-1+3 10/1/73 - 6/30/75 - 21 Months - " " " 15 months
7/1/74 - 6/30/75 - 12 " - " " " 6 months

BEFORE EXAMINER NUTTER
OIL CONSERVATION COMMISSION
R+M EXHIBIT NO. 3
CASE NO. 5152

N.M.C.F. MICROGRAPHICS
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BEFORE EXAMINER NUTTER
OIL CONSERVATION COMMISSION
EXHIBIT NO.
CASE NO.

N.M.O.C.D. MICROGRAPHICS

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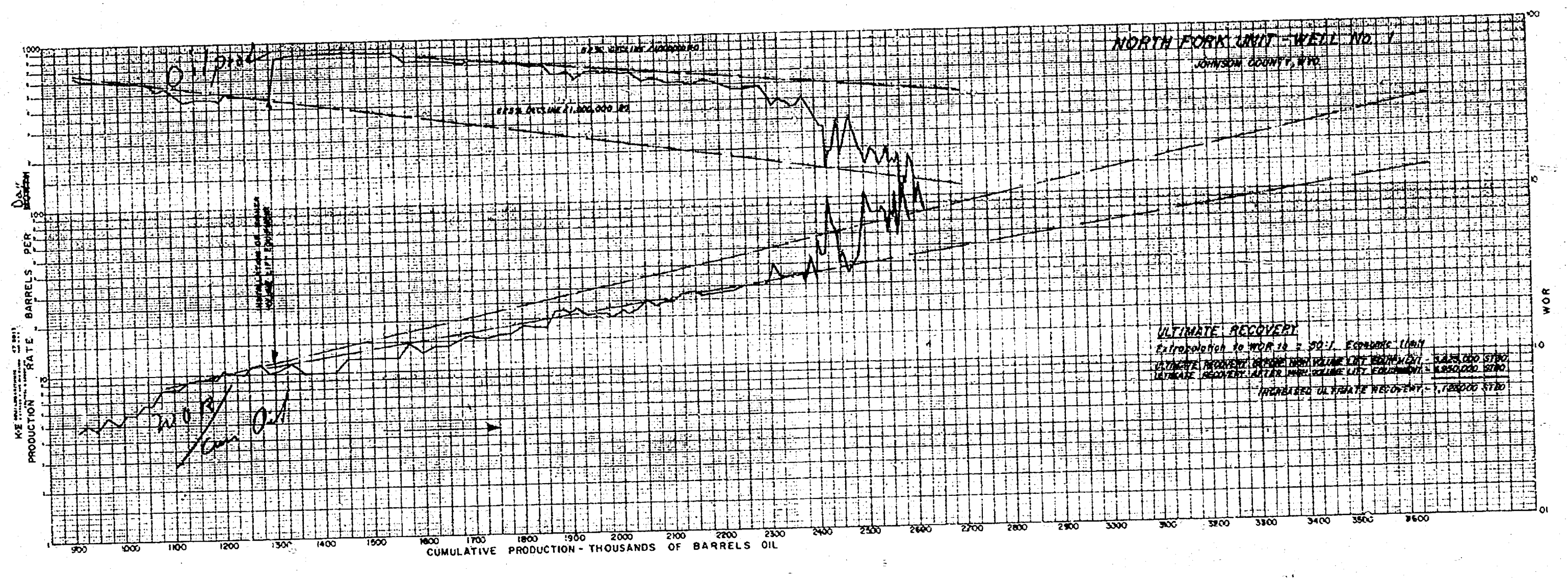

BEFORE EXAMINER STAMETS
OIL CONSERVATION COMMISSION
Appl. Lewis EXHIBIT NO. 5
CASE NO. 5152
Submitted by Bruce Bummer
Hearing Date Jan. 16, 1974

N.M.O.C.C. MICROGRAPHICS
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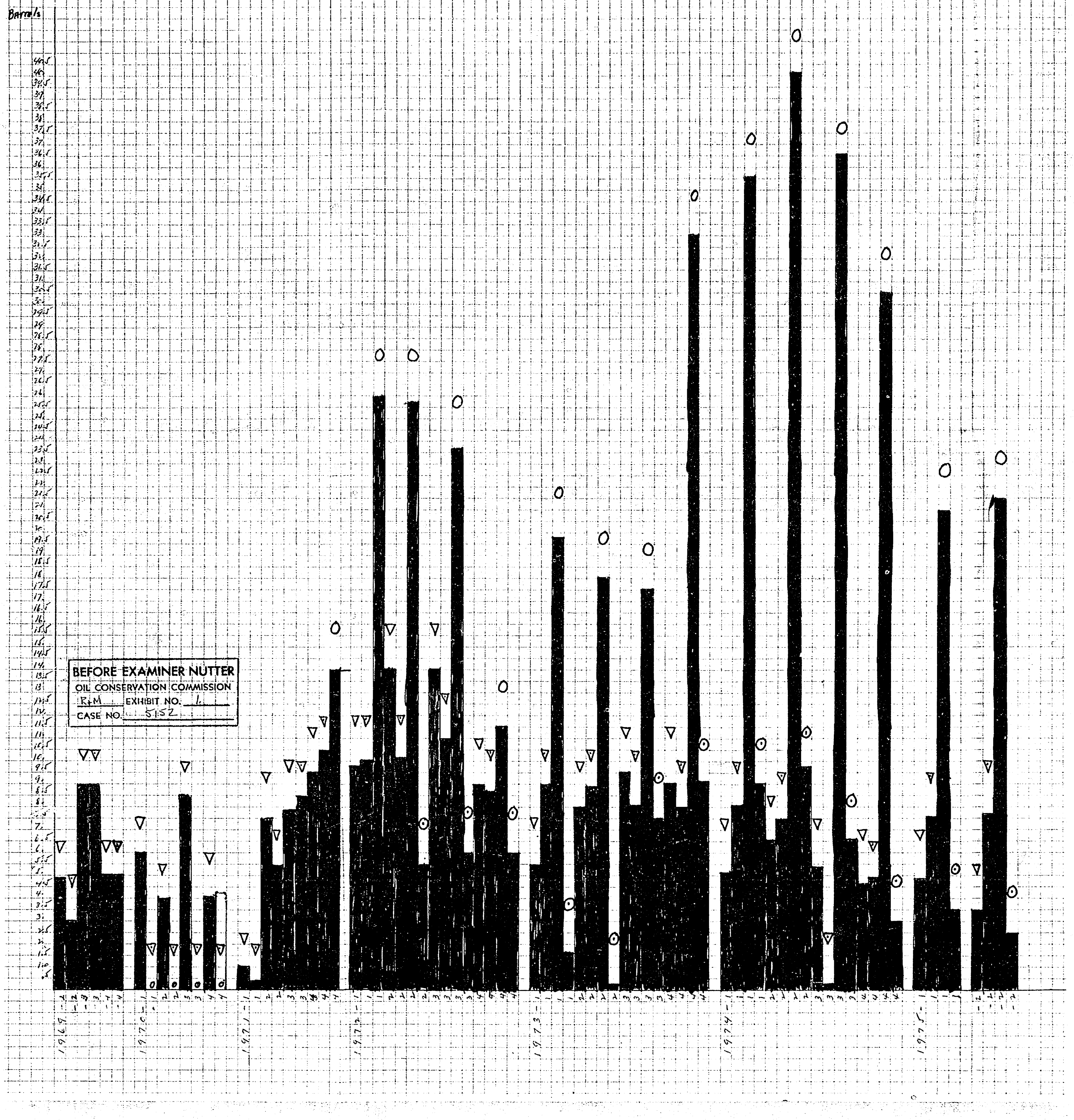
Oil Produced, Barrels in Thousands, Inception Thru 6/30/75, By Quarters

FM-1 Turquoise ▽
FM-2 Red ▽
FPP-1 Black ○
FPP-3 Green ⊙



BEFORE EXAMINER NUTTER
OIL CONSERVATION COMMISSION
R+M EXHIBIT NO. 1
CASE NO. 5152

N.M.O.C.C. MICROGRAPHICS
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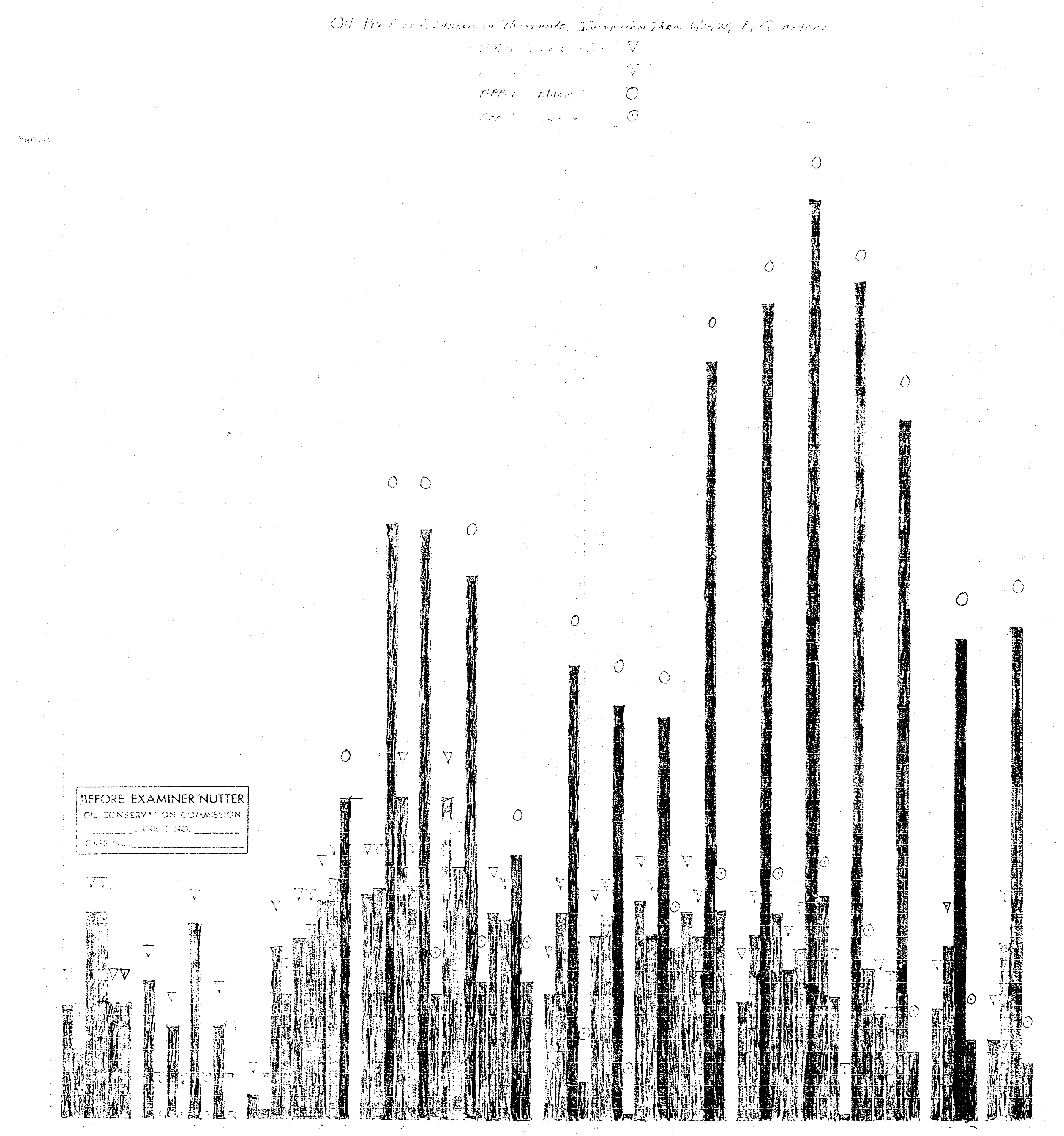

BEFORE EXAMINER NUTTER
OIL CONSERVATION COMMISSION
EXHIBIT NO. ______
CASE NO. ______

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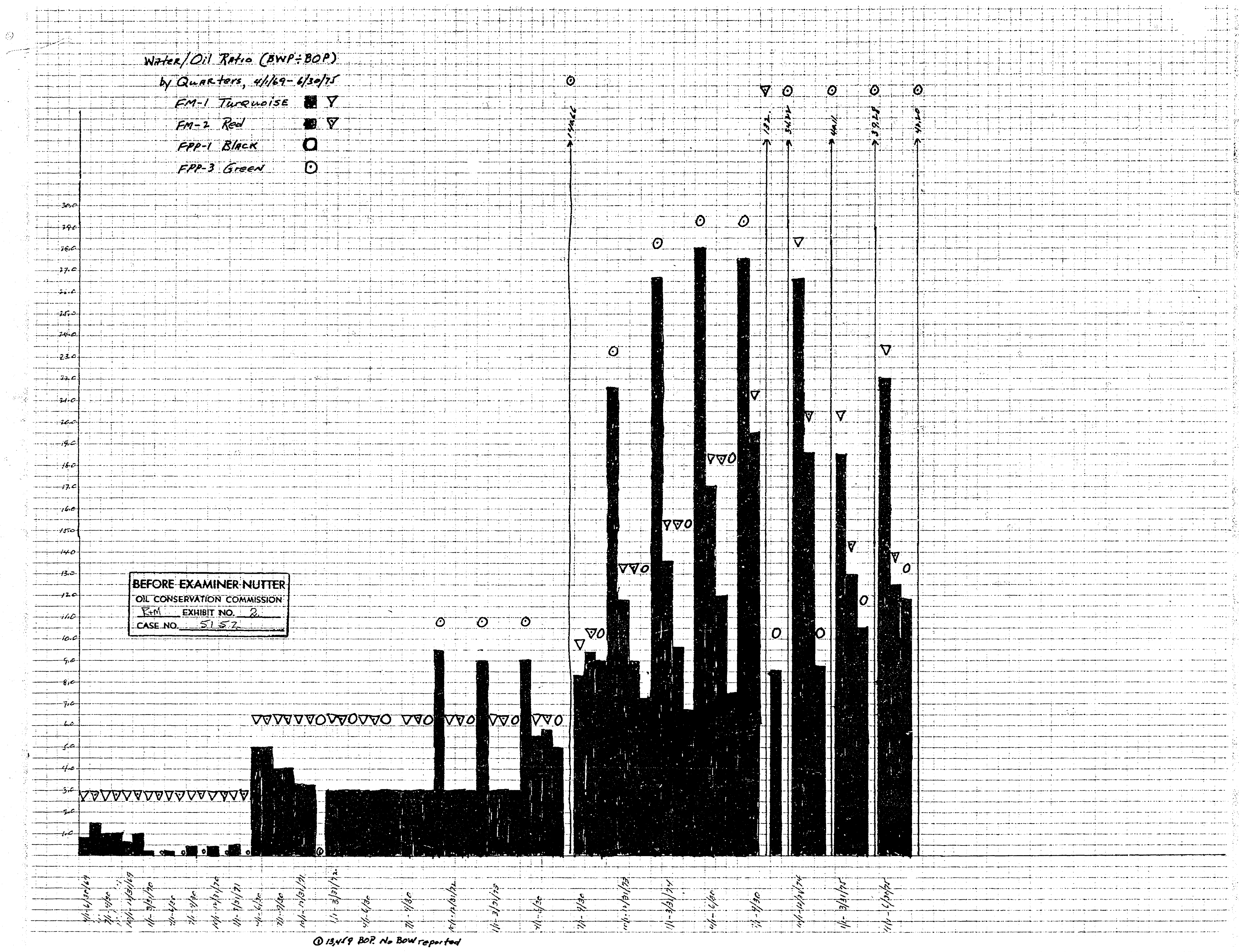

Water/Oil Ratio (BWP÷BOP)
by Quarters, 4/1/69 - 6/30/75

FM-1 Turquoise ■ ▽
FM-2 Red ■ ▽
FPP-1 Black ○
FPP-3 Green ⊙

① 13,459 BOP. No BOW reported

BEFORE EXAMINER NUTTER
OIL CONSERVATION COMMISSION
R+M EXHIBIT NO. 2
CASE NO. 5152

N.M.O.C.C. MICROGRAPHICS

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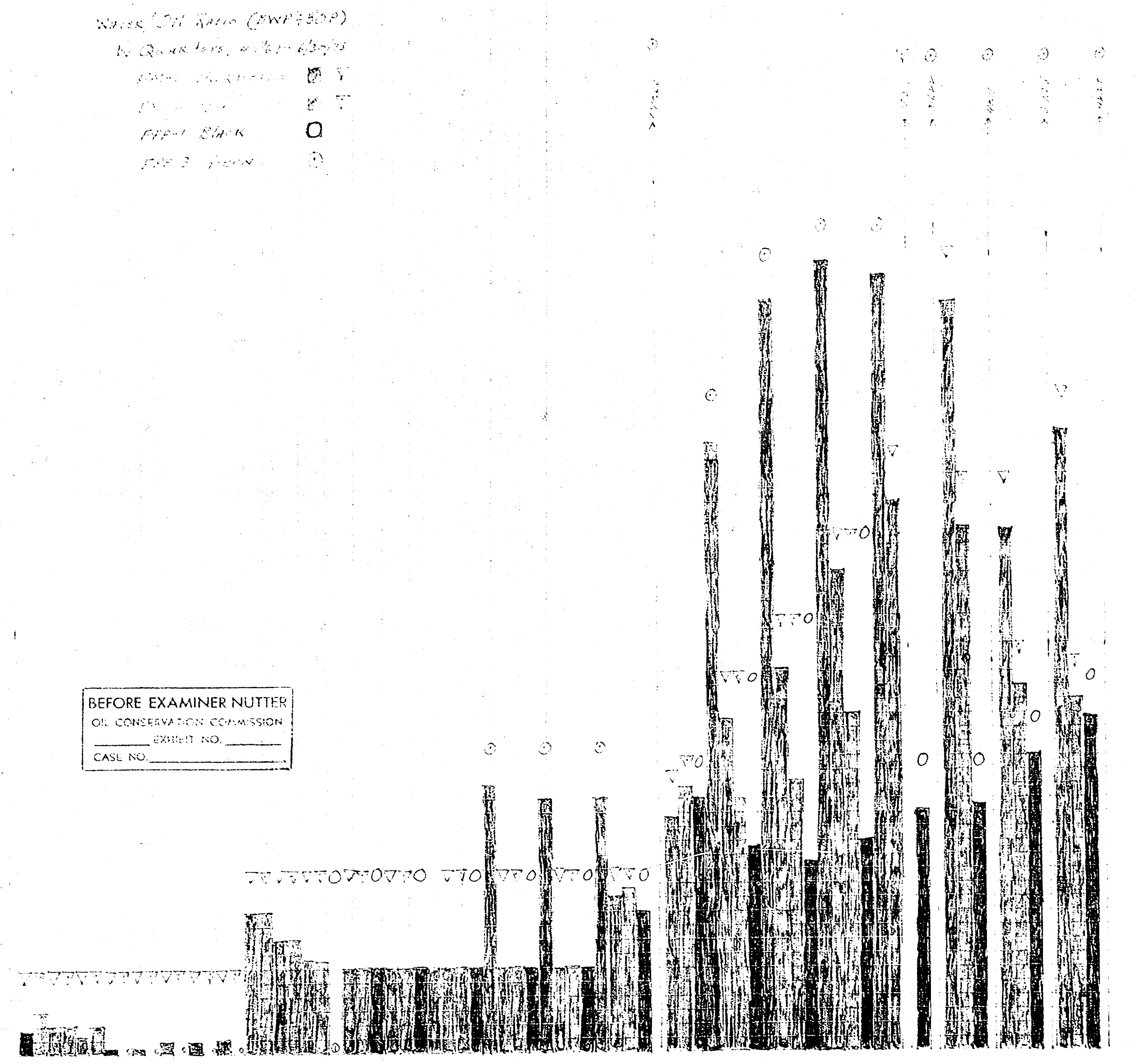

BEFORE EXAMINER NUTTER
OIL CONSERVATION COMMISSION
________ EXHIBIT NO. ________
CASE NO.________________

① 13,549 BOP. No BOW reported