

YEAR	COOPER			JAL			LYNN		
	NO. WELLS	WATER BBLS.	OIL BBLS.	NO. WELLS	WATER BBLS.	OIL BBLS.	NO. WELLS	WATER BBLS.	OIL BBLS.
1934	22	no rpt.	324710	30	no rpt.	775096	3	no rpt.	12635
1935	82	2901890	2499512	44	2401895	1222712	3	51537	26788
1936	89	15030776	2888008	48	8764043	855235	3	272490	25617
1937	86	15404465	2237933	33	6369118	499722	11	216763	101808
1938	93	22404787	1682178	24	5735849	271675	16	308932	295299
1939	93	19718658	1379726	25	4528287	207395	26	402528	271593
1940	97	16114950	1151957	19	3871676	164454	32	444523	299676
1941	87	16707986	1032739	18	2162822	129471	29	833554	347384
8 mo. 1942	89	8175415	494552	18	653958	63849	28	624013	162640
		116458927	13691315		34487648	4189609		3154340	1543440

Decline of water production in the Jal Field as shown on Graph D-3 coincides with abandonment of certain oil wells. Decline of oil production within the Jal and Cooper Fields, as shown on Graph D-3 and Graph D-1, coincides with a period of one year of occurring with the greatest yearly increase of water.

Attempted remedial work in the three dolomitic limestone fields has often proven unsuccessful and ultimately led to complete abandonment. Both from a geologic study and results of remedial work it can be stated that oil, gas and water are so closely associated within a common reservoir that the segregation of one from the other two is very difficult and certainly economically unjustified.

Appended hereto will be found a partial list of remedial work performed in sand and dolomitic-limestone fields.

C.P. Miller
G.H. Gray
W.D. Mitchell

TYPICAL REMEDIAL RESULTS--SAND FIELDS

HARDY

Gulf Oil Corp. No. 1 Mattern C 18-21S-37E

1941 set packer @ 3730 2000 acid below

Before gas-oil ratio 23958

After " " 3998

PENROSE

Continental Elliott Bø9 No. 1 9-22S-37E

1938 packer @ 3504

Before gas-oil ratio 35454

After " " " 18231

1940

WORK PERFORMEDTEST AFTER

Acid 1000 gal. (3640-3714) Oil 31 Gas MCF 824

Shot 30 qts. (3714-3724) " 23 " 961

Set pkr. 13 times in zone
(3550-3480) " 12½ " 971 best test1500 gal. formation plug
(csg-3556) " 4 " 848

Shut well in account of high gas-oil ratio

Continental Elliott A-15 No. 2 15-22S-37E

1938 packer @ 3554;

Before gas-oil ratio 35000

After " " " 14000

Reset packer 3638

Before gas-oil ratio 14000

After " " " 16663

Present gas-oil ratio 24320

MATTIX

Repollo Oil Co. Mosely #4 34-24S-37E

1940 shlt 200 qts. 3355-3435 (lower pay)

solid stemming; packer @ 3324

Before workover 30 oil; gas-oil ratio 44000

After workover 72 " " " 19153

Present production 11 " " " 59978

Anderson Prichard Oil Co. State A #1 32-24S-37E

1941 Shot 90 qts. 3510-3540 solid stemming

Before 65 oil; gas-oil ratio 27000

After 61 " " " 7885

Now " " " 37301

Anderson Prichard State A No. 2 32-24S-37E

1941 set pkr. 4 times with no beneficial results

Shot 120 qts. 3507.34 solid stemming

Before 105 oil; 1040 MCF gas

After 108 " 7350 gas-oil ratio

Now 31482 " " "

Stanolind Oil & Gas C. Meyers A-2 22-24S-37E

1941 treated with 1500 gal. formation plug

Before gas-oil ratio 37000

After " " " 16000

Since increased gas-oil ratio 39780 now

SKELLY

Anderson Prichard Blinbry No. 1 29-23S-37E

March 1941 set packer @ 3540 - no change in

oil or gas production - no suitable packer seat
was available below 3540, therefore, further
attempts were not made.

Present gas-oil ratio 20799

DISCUSSION OF SAND AREA REMEDIAL WORK

Examination of remedial work aimed at reducing gas-oil ratios in the sand areas revealed that:

1. The close association of the gas with oil in the gas expansion type reservoir in narrow producing zones has offered little or no chance for the successful application of mechanical separation methods.
2. A large percentage of the wells were shot heavily on completion to obtain production from the tight formation, therefore, mechanical control is impossible.
3. In general, the few jobs that have been effective or partially effective have only been temporarily so.

TYPICAL REMEDIAL RESULTS DOLOMITIC LIME FIELDS

COOPER

Phillips Pet. C.D. Woolworth #12 26-24-36

1941 T.D. 3325

Packer 3311 - after GL above packer 50 bbl water/hr

Packer 3264 - after GL above packer 54 bbls water/hr

Retainer 3237 and 100 sax cement. After swabbed dry
200 acid after - no oil, gas or water S.I.

Gulf Oil Corp. Arn. Ramsey #2 2-25S-36E

1941 Squeezed 150 sax below retainer @ 3411

Before GL 25 oil; 10000 water

After pumped 10 oil; 10 water

3000 acid; pumped 21 oil; 120 water

Amerada Pet. Corp. Everett #2 34-24-36

1941 3350 PBTD

50 sax below retainer @ 3275

Before making 100% water

After swabbed dry - shut in and abandoned

Gulf Oil Corp. G.E. Cooper No. 1 11-24S-36E

Completed 8-9-35 Initial potential 1122 oil; no water
on 11-14-35 started making 100% water and died.

Perf. upper zone to obtain more gas and put on gas
lift. Made 121 oil.

Present production 70 oil; 5400 water on gas lift.

If shut in the well must be flowed from one to two
weeks before oil is obtained

JAL

Continental C. Sholes B 13-25S-36E

Completed 2-26-33 initially no water

5-5-33 30% water

5-11-33 20% "

10-8-33 25% "

10-13-33 35% "

12-7-33 50% "

12-31-33 75% "

1-6-34 80% "

3-19-34 80% "

3-25-34 PB 15 sax, 3370-3343

5-4-34 test 70 oil 36% water

5-21-34 PB 20 sax, 3343-3315

6-28-34 90 bbls. fluid; 100% water

S.I. PB for gas well

LYNN

Shell Oil Co. Whitten No. 1 33-23S-36E

1940 packer @ 3578 reduced gas-oil ratio
from 5100 to 731

Continental Farney A No. 2 5-23S-36E
1941 before 13 oil; 7 water; 23618 gas-oil ratio
Packer set @ 3734
Below packer 0 oil; 4 water; 186 MCF
Above packer 41 oil; 7 water; 30488 gas-oil ratio
Packer 3660
Below 0 oil; 12 water; 200 MCF
Above 38 oil; 17 water; 24200 gas-oil ratio
Now 12 oil; no water; 38075 gas-oil ratio

DISCUSSION OF REMEDIAL RESULTS IN THE COOPER, LYNN AND JAL FIELDS

The study of numerous remedial jobs performed in the dolomitic lime fields in the southern portion of the county of which a few typical examples have been outlined above, brings forth the general conclusions:

1. The particular fields are characterized by early water invasion, control of which has been proven futile in the history of many wells. Water shut off has been accomplished almost universally at the cost of the entire oil production capacity of the well, resulting in many abandonments.
2. High gas-oil ratios in these fields are the necessary evil which must accompany natural flow of large fluid volumes only a small portion of which is oil.

Fields in Lea County New Mexico which are, within this report, considered to have made the nearest approach of any to depletion are:

1. Sand Pay types
 - a. Hardy
 - b. Mattix
 - c. Penrose
 - d. Skelly
2. Dolomitic limestone pay type
 - a. Cooper
 - b. Jal
 - c. Lyhn

Monthly production decline curves which show the calculated average field decline for the Hardy Field (Graph A-1); the Mattix Field (Graph A-2); the Penrose Field (Graph A-3) and the Skelly Field (Graph A-4) reflect the future recoverable oil (depleted to a monthly rate of 90 barrels) from these fields. The figures obtained are as follows:

<u>FIELD</u>	<u>FUTURE RECOVERABLE OIL PER ACRE (BBL)</u>	<u>FUTURE RECOVERABLE OIL PER 40 ACRES</u>
Hardy	163	6520 bbls.
Mattix	216	8640
Penrose	158	6320
Skelly	346	13840

Average per acre recovery for each of the above listed fields, and its age as of July 1, 1942 is as follows:

<u>FIELD</u>	<u>PER ACRE RECOVERY TO 7-1-42</u>	<u>AGE OF FIELD AS OF 7-1-42</u>
Hardy	882 bbls.	6½ yrs.
Mattix	1055 "	7 "
Penrose	974 "	6½ "
Skelly	883 "	6½ "

The calculated ultimate recovery from these fields, based upon the foregoing tabulations is as follows:

<u>FIELD</u>	<u>TOTAL PER ACRE RECOVERY</u>
Hardy	1045 bbls.
Mattix	1271 "
Penrose	1132 "
Skelly	1229 "

Although reservoir pressure data on the above listed fields is not as complete as can be desired, that which is available shows an average decline of 900 pounds to date with an average reservoir pressure of 500 pounds remaining.

Reservoir conditions within the Mattix Field are believed to be representative of those in the other three sand fields being considered. Therefore, a condition within the field can be accepted for the others.

Calculations show that within the Mattix Field 83 percent of ultimate oil recovery has been obtained with 68 percent of the effective reservoir pressure drop.

Production - Gas-oil ratio curves of the Hardy Field (Graph C-1), the Mattix Field (Graph C-2), the Penrose Field (Graph C-3) and the Skelly Field (Graph C-4) show, with exception of the Skelly Field, a definite downward trend in the total volume of gas being produced although gas-oil ratios are increasing. Such condition suggests a much more rapid depletion of oil than gas and when considered in light of the fact that, as stated above, 83 percent of the ultimate oil recovery has been made with 68 percent of the effective reservoir pressure, it leads to the question as to whether or not the rate of gas production and corresponding reservoir pressure drop will materially affect ultimate recovery of oil.

The ability of each field to produce is reflected graphically by allowable development curves on the Hardy Field (Graph B-1), Mattix Field (Graph B-2), Penrose Field (Graph B-3) and Skelly Field (Graph B-4). These curves show the continuous decline of the daily top allowable per well; the average daily allowable per marginal well and the rapidly approaching marginal condition of all the sand fields.

A tabulation is presented herewith to show the relationship of water to total fluid produced to date in each of the sand fields.

	<u>JULY 1, 1942</u>			
	<u>TOTAL OIL</u>	<u>TOTAL WATER</u>	<u>TOTAL FLUID</u>	<u>% OF WATER TO TOTAL FLUID</u>
Hardy	4,232,924	34,066	4,266,990	0.7
Mattix	6,581,969	127,647	6,709,616	1.9
Penrose	7,362,993	73,507	7,436,500	0.98
Skelly	2,895,123	45,104	2,940,227	<u>1.53</u>
			Ave.	1.27

Estimated average field reservoir pressure drop = 900 pounds

The relationship of water produced to total fluid together with consideration of the reservoir pressure drop justifies the opinion that the sand fields are dominantly volumetric drive reservoirs.

An exact count of the number of sand field wells which have been shot is not readily available. However, it is believed that 75 percent of total completions is a conservative estimate.

In as much as calculations have shown that 17 percent of the future recoverable oil can be produced by 32 percent of the effective remaining reservoir energy, it is apparent that a surplus of flowing energy exists. However, it is also apparent that the future recoverable oil is so small that the expenditure necessary for remedial work in pay sections that have been shot is not economically justified.

If, as stated above, the relationship of water produced to total fluid together with consideration of reservoir pressure drop can be used as a means of identifying the type of reservoir drive within a field it is then evident, as shown by the following tabulation, that the Cooper, Jal and Lynn dolomitic-limestone fields are dominantly hydrostatic drive reservoirs.

	<u>SEPTEMBER 1, 1942</u>			
	<u>TOTAL OIL</u>	<u>TOTAL WATER</u>	<u>TOTAL FLUID</u>	<u>% WATER TO TOTAL FLUID</u>
Cooper	13,691,315	116,458,927	130,150,242	89.48
Jal	4,189,609	34,487,648	38,677,257	89.16
Lynn	1,543,440	3,154,340	4,697,780	<u>67.14</u>
			Ave.	81.92

Estimated average field reservoir pressure drop = 150 pounds

Production- Development curves on the Cooper Field (Graph D-1) the Lynn Field (Graph D-2) and the Jal Field (Graph D-3) show the rapid rate of increase of water during the early lives of the dolomitic-limestone fields. Such an increase possibly reflects the inability of operators to segregate, by remedial work, water from the oil.

A tabulation is herewith presented to show water and oil production per well per year in the three dolomitic-limestone fields.

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1938 packer @ 3504

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After " " " 18231

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WORK PERFORMEDTEST AFTER

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Shot 30 qts. (3714-3724) " 23 " 961

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(3550-3480) " 12½ " 971 best test

1500 gal. formation plug

(csg-3556) " 4 " 848

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Continental Elliott A-15 No. 2 15-22S-37E

1938 packer @ 3554;

Before gas-oil ratio 35000

After " " " 14000

Reset packer 3638

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After " " " 16663

Present gas-oil ratio 24320

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1940 shlt 200 qts. 3355-3435 (lower pay)

solid stemming; packer @ 3324

Before workover 30 oil; gas-oil ratio 44000

After workover 72 " " " 19153

Present production 11 " " " 59978

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1941 Shot 90 qts. 3510-3540 solid stemming

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After 61 " " " 7885

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Shot 120 qts. 3507.34 solid stemming

Before 105 oil; 1040 MCF gas

After 108 " 7350 gas-oil ratio

Now 31482 " " "

Stanolind Oil & Gas C. Meyers A-2 22-24S-37E

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After " " " 16000

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oil or gas production - no suitable packer seat

was available below 3540, therefore, further

attempts were not made.

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Examination of remedial work aimed at reducing gas-oil ratios in the sand areas revealed that:

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1941 T.D. 3325

Packer 3311 - after GL above packer 50 bbl water/hr

Packer 3264 - after GL above packer 54 bbls water/hr

Retainer 3237 and 100 sax cement. After swabbed dry
200 acid after - no oil, gas or water S.I.

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1941 Squeezed 150 sax below retainer @ 3411

Before GL 25 oil; 10000 water

After pumped 10 oil; 10 water

3000 acid; pumped 21 oil; 120 water

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1941 3350 PBTD

50 sax below retainer @ 3275

Before making 100% water

After swabbed dry - shut in and abandoned

Gulf Oil Corp. G.E. Cooper No. 1 11-24S-36E

Completed 8-9-35 Initial potential 1122 oil; no water
on 11-14-35 started making 100% water and died.

Perf. upper zone to obtain more gas and put on gas
lift. Made 121 oil.

Present production 70 oil; 5400 water on gas lift.

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5-11-33 20% "

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10-13-33 35% "

12-7-33 50% "

12-31-33 75% "

1-6-34 80% "

3-19-34 80% "

3-25-34 PB 15 sax, 3370-3343

5-4-34 test 70 oil 36% water

5-21-34 PB 20 sax, 3343-3315

6-28-34 90 bbls. fluid; 100% water

S.I. PB for gas well

LYNN

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1940 packer @ 3578 reduced gas-oil ratio
from 5100 to 731

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1941 before 13 oil; 7 water; 23618 gas-oil ratio
Packer set @ 3734
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Above packer 41 oil; 7 water; 30488 gas-oil ratio
Packer 3660
Below 0 oil; 12 water; 200 MCF
Above 38 oil; 17 water; 24200 gas-oil ratio
Now 12 oil; no water; 38075 gas-oil ratio

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2. High gas-oil ratios in these fields are the necessary evil which must accompany natural flow of large fluid volumes only a small portion of which is oil.

MONUMENT -CONTD.

COMPANY LEASE TEXAS-CONTD.	WELL UNIT	S.T.R.	REQUESTED DAILY	NOMINATION MONTHLY	PENALIZED TO	GAS-OIL RATIO	GAS VOLUME	WATER	REMARKS
Weir	1 E	23-19-36	4	120		45300	5436	3	
TOTAL	27			12660	12210	10000	122150	7966	

TABLE NO. 3
MARGINAL WELLS AS SUBMITTED BY THE OPERATORS NOVEMBER, 1942

COMPANY LEASE	WELL	UNIT	S.T.R.	REQUESTED DAILY	NOMINATION MONTHLY	MONUMENT		GAS-OIL RATIO	GAS VOLUME	WATER	REMARKS
						PENALIZED TO	TO				
AMERADA PET. CORP.											
Weir A	1	L	25-19-36	4	120			3214	386		Gas lift & flow
ANDERSON PRICHARD OIL CORP.											
Britt B	1	N	5-20-37	23	690			37058	25570		Exemption
CITIES SERVICE OIL CO.											
Persons	1	P	27-19-36	12	360			750	270	22	Gas lift
CONTINENTAL OIL CO.											
State A	1	I	7-19-37	19	570			400	228		Gas lift
State A	1	M	26-19-36	25	750			38681	29011	25	Exemption
GULF OIL CORP.											
Hatchett	1	L	33-19-37	33	990			2124	2103	46	
"	2	E	33-19-37	8	240			1400	336	71	Pump
Smith	1	H	34-19-36	14	420			28580	12004	35	Exemption
"	2	A	34-19-36	10	300			9740	2922	339	Exemption
Weir	1	A	35-19-36	17	510			5270	2688	229	
Weir B	1	J	26-19-36	8	240			3258	782	31	
Whitmire	2	B	8-20-37	22	660	300		22973	6892	27	
GREAT WESTERN PROD. CO.											
Bordages	2	F	33-19-37	15	450			1211	545	15	Pump
"	1	D	33-19-37	12	360			1074	387		
HUMBLE OIL & RFG. CO.											
State D	1	H	20-19-37	25	750			2165	1624	18	Pump
"	2	A	20-19-37	20	600			2040	1224	19	Pump
OHIO OIL CO.											
McGrail	3	H	27-19-37	19	570			2220	1607		
REPOLLO OIL CO.											
Williams	1	A	33-19-37	21	630			387	244	89	Pump
SKELLY OIL CO.											
Christmas	1	M	25-19-36	8	240			5964	1431		
Monstate	1	P	13-19-36	18	540			5763	3112	1867	Pump
STANOLIND OIL & GAS CO.											
Gilluly A	4	B	24-20-36	17	510			5207	2656		
SUN OIL CO.											
Maveety	6	B	35-19-36	7	210			260	55		
THE TEXAS CO.											
State J	1	K	24-19-36	20	600			10042	6025		
"	2	N	24-19-36	10	300	210		30697	6446	177	

COMPANY	LEASE	WELL UNIT S.T.R.	MONUMENT-CONVD.				PLANT	MO.	DAILY DAILY		REMARKS
			AUG. MO.	OPERATORS	GAS	PLANT			WATER	METHOD ALLOW. ALLOW.	
			PROD. GAS VOL MCF	REPORTED GAS VOL MCF	VOL MCF	OPERAT. G.O.R.	G.O.R.	PROD.	PROD.	MARG. PENALIZED	
TURNER, FRED		1 L 2-20-36	720	561	137	570	190	F			
State A		73	46310					7774			
TOTAL		72	45985	138436		3010					
		29 identical wells	27309	43097	64046	1573	2345				

SINGLE WELL UNITS WITH GAS-OIL RATIO IN EXCESS OF 4000 (LATEST TESTS)

	WELL UNIT S.T.R.	MO.	PROD. GAS VOL MCF	REPORTED GAS VOL MCF	VOL MCF	OPERAT. G.O.R.	PLANT	MO.	DAILY DAILY		REMARKS
									WATER	METHOD ALLOW. ALLOW.	
			PROD. GAS VOL MCF	REPORTED GAS VOL MCF	VOL MCF	OPERAT. G.O.R.	G.O.R.	PROD.	PROD.	MARG. PENALIZED	
AMERADA PET. CORP.											
Adkins	1 M 5-20-37	496	61007			122997	5030	33	4092		Shut In
Gaither	1 I 34-19-36	893			4492			814	4092		Shut In
ANDERSON PRICHARD OIL CO.											
Britt B	1 N 5-20-37	1182	41370			35000		117	4092		Shut In
CONTINENTAL OIL CO.											
Britt B	1 C 8-20-37	367	18350			50000		82	4092		Shut In
Britt B	1 N 10-20-37	895	17546			19605		209	4092		Shut In
GULF OIL CORP.											
Bates	1 P 26-19-37	909			7572		8330	491	4092		Marg. 17 bbl.
Weir	1 A 35-19-36	510			4542		8905	460	4092		
PHILLIPS PET. CO.											
Culp	1 D 19-19-37	717			8032		11202	365	4092		
OSLEY OIL CO.											
Brutfield	1 H 32-19-37	821			9684		11795	347	4092		
KELLY OIL CO.											
Christmas	1 M 25-19-36	212			5990		28254	144	4092		Marg 8 bbl.
SUN OIL CO.											
Barr	1 M 24-19-36	124	5642			45500		90	4092		Marg 6 bbl.
TOTAL	11	7126	143915		40312			3152	45012	14280	
		7126			184227	25853					

If these wells limited to the gas volume prod. based upon top allow. (33 bbls. approx.) times 1 days times 4000 gas-oil ratio or 4,092,000 cu/ft. gas per month there is an approximate gas volume saving per month of 45012 139215 4491 r saving per operating day of

TABLE 4
COMPARISON BETWEEN OPERATORS AND GASOLINE PLANT
GAS VOLUMES ON SINGLE WELL UNITS
EUNICE FIELD

COMPANY LEASE	WELL NO.	S.T.R.	AUG. MONTHLY PROD.	OPERATORS GAS VOL.	OPERATORS GAS OIL RATIO	PLANT CALC. GOR	MONTHLY WATER PROD.	METHOD PROD.	DAILY ALL. MARG. WELLS	DAILY ALL PENALIZED WELL
ATLANTIC										
Coleman	1 C	17-21-36	824	550	668	921	-	F		
State D	1 J	20-21-36	1115	1470	318	1092	-	F		
" J	1 H	29-21-36	1183	917	775	4085	296	P		
" L	1 E	11-21-36	1071	2097				F		
"	2 F	22-21-36	1056	1987	56			F		
"	5 O	3-21-36	564	1168				GL		
CITIES SERVICE										
Felton	1 C	28-21-36	300	9690	32300	63100	10	F	14***	
CONTINENTAL										
Lockhart B	1 D	13-21-36	1027	410	400		558	GL		
Elliot St. A 1	B	26-20-36	778	4863	6250		500	P		
Getty	A 1 A	19-21-36	388	252	650		40	F		
"	B 1 A	16-21-36	767	729	950	231		F		
"	C 1 H	16-21-36	758	3334	4398	3938		F		
"	D 1 H	32-20-37	166	156	942		22	F	7	
GULF										
Felton	1 P	28-21-36	1083	5859	5410	26466	24100	F		
Janda B	1 J	32-21-36	567	1762	3107	21890	15934	GL	19	
" D	1 T	2-21-36	434	5425	8352	7705		F	14***	
Leok	1 B	14-21-36	703	2294	7796	8993		F	23***	
W.A. Ramsey	2 M	27-21-36	1021	715	700			F		
Bell Ramsey	2 M	33-20-37	557	1294	2324		31	P	16	
White B	1 P	35-20-36	243	7193	30715	2156		F	26	8*
HUMBLE										
State C	1 A	29-21-36	1021	420	411	368	54	F		
MIDCONTINENT										
Reeves	1 D	29-20-37	247	6960	26695	24081		F		10*
PHILLIPS										
Edna St.	1 D	30-20-37	764	7240	9477	15232		F	22***	
Hudson	1 B	30-20-37	287	573	1996		287	P	12	
Mex	2 A	30-20-37	391	1888	4828	6041		F	16	
Quapaw	1 P	19-20-37	435	299	687	1989	9	F	16	

TABLE NO. 4 CONT'D

COMPANY	WELL	NO.	S.T.R.	AUG. MONTHLY PROD.	OPERATORS REPORTED GAS VOL.	GASOLINE PLANT GAS VOL.	OPERATORS GAS OIL RATIO	PLANT CALC. GOR.	MONTHLY WATER PROD.	METHOD PROD.	DAILY ALL MARG. WELLS	DAILY ALL. PENALIZED WELL
POLLARD	St. 1	L	29-21-36	176					16	P	14	
REPOLLID												
Berry an	1	O	11-21-36	668	588	3544	880	5305	15	F	21	
Roach	3	E	21-20-37	1054	542	636	514	603		F		
State 193	1	L	30-20-37	1056	3136	225	2970	213	166	F		
Ida White	1	I	35-20-36	529	7188	5251	13588	9926	104	F	25	19*
SHELL												
State B	1	D	29-21-36	1102	483	2187	439	1976	2520	P		
" N	1	I	24-21-35	256	710		27383		2	F	7	
SKELLY												
Adkins	1	C	10-21-36	758	580	519	765	856		F		
Akens	1	J	3-21-6	729	461	413	632	567		F		
Coleman	1	D	17-21-36	582	660	591	1134	1015		F		
State C	1	C	29-21-36	1038	2947		2743		52	F		
" G	1	J	30-20-37	586	3445	20510	5879	35000	12	F	20	
STANDARD												
Texas St. 2	1	O	20-21-36	907	2698	2215	2975	2442		F		
STANOLIND												
State J	1	E	22-21-36	1055	565		536			F		
TIDENWATER												
Marshall	1	G	13-21-36	53	81	1521				F	3	
State G	1	H	21-21-36	854	1028	30	8348		366	P		31*
TWO STATES												
Atha	1	N	31-21-36	498	2271	4563			332	F	18	
State	1	F	11-21-36	952	1137	1018	1194		1069	F		
TOTAL	44 wells			30599								
	43 "			30423	97965		3220					
	30 identical wells			23299	83228	144670	3572	6209				
						BOTH MONUMENT AND EUNICE						
TOTAL	117 wells			76909								
	115 wells			76408	236401		3093					
	59 identical wells			50608	126325	208716	2496	4124				
						SINGLE WELL UNITS WITH GAS-OIL RATIO IN EXCESS OF 6500 (TOTAL TESTS)						
						PENALIZED ALL GAS VOL. NON MARG. G.O.R.						
CITIES SERVICE												
Felton	1	C	28-21-36	300		18930		63100	105			6650

TABLE NO. 5
TENTATIVE TRANSFER OF ALLOWABLE FROM A HIGHER GAS-OIL RATIO WELL TO A LOWER GAS-OIL RATIO WELL ON TWO WELL UNITS
EUNICE

COMPANY LEASE	WELL UNIT	S.T.R.	AUG.		MO.		WATER BBLs.	METHOD	OIL	G.O.R.	GAS MCF	WATER BBLs.	REMARKS
			PROD. BBLs.	GAS MCF	PROD. BBLs.	GAS MCF							
ATLANTIC RFG. CO.													
Houston	1	D	880	383	435	46	GL	1905	435	830	100		
"	2	E	1025	552	539	342	GL						
State B	1	8-21-36	1231	6827	5546		F						Cannot make top allow (23 bbls)
"	2	"	610M	559	917		F						
"	C 1	5-21-36	990	4788	4836		F	2209	4836	10700			Capable of 31 bbls.
"	2	X	1219	8077	6626		F						
"	E 1	"	1413	5638	3990		F	2309	3990	9220			
"	2	T	896M	4768	5321		F						
"	G 1	"	1064	5363	5040	68	F						
"	2	V	1064	4010	3769		F	2128	3769	8020			
"	K 1	6-21-36	1482	738	498	165.	GL						no trans. ratio same
"	2	S	640	314	491		P	1699	1171	1988			
"	L 3	"	849	994.	1171		F						
"	4	"	850	3426	4031	9	F						
"	M 1	36-20-36	1067	3962	3713		F	2134	1179	2516			#1 7 bbls. #2 25 penal. to 9 bbls. Nov. rpt. 29,518 G.O.R.
"	2	J	1067	1258	1179		F						
"	O 1	32-20-37	250M	228	912		GL						
"	2	D	313M	9240	2952		P						
"	P 1	25-20-36	1034	1206	1165		F	2089	1165	2440			
"	2	C	1055	5022	4760		F						
CITIES SERVICE OIL CO.													
State G	1	U	1079	159	147		F	2158	147	318			
"	2	V	1079	1283	1189		F						
CONTINENTAL OIL CO.													
Meyers B	1	X	741	1890	2551		F						Nov. 12000 ratio Cannot make all.
"	2	P	739	1128	1527		F	1480	1527	2260			Nov. 9600 ratio Cannot make all.
DRILG. & EXPLORATION CO.													
State F	1	E	588	4704	8000		F						
"	2	L	900	6120	6800		F						

EUNICE-CONT'D.

COMPANY LEASE	WELL UNIT	S.T.R.	AUG. PROD. BBLs.	MO. GAS. MCF	G.O.R.	WATER BBLs.	METHOD PROD.	OIL	G.O.R.	GAS MCF	WATER BBLs.	REMARKS
ELLIOTT												
Elliot	1	I	26-20-36	838	3520	4200	100	GL				Can not make allow.
"	2	J	"	837				P				" " "
GULF OIL CORP.												
Bell	1	O	8-21-36	1064	2149	2020	28	F				
"	2	P	"	1071	1605	1499	126	F	2135	1499	3210	252
" B	1	X	6-21-36	1070	4570	4271		F				Nov. ratio 18,316
"	2	Q	"	1071	3877	3620		F	2141	3620	7754	
" D	1	T	"	1054	991	940	531	F				
"	2	O	"	1055	579	549	374	F	2109	549	1158	748
" E	1	D	11-21-36	1055	4876	4622		F	2108	4622	9752	
"	2	C	"	1053	6318	6800		F				
Butler	1	O	19-20-37	812M	1107	1363	72	F				Marg. well 28
"	2	J	"	796M	2277	2860	62	F				" " 27
Graham St. E	1	W	6-21-36	1048	3524	3363		F				
"	2	R	"	1041	1064	1025		F	2089	1025	2140	
Janda	1	P	20-21-36	1010	478	473		F	2019	473	955	
"	2	I	"	1009	1317	1305		F				
Orcutt B	1	G	5-21-36	1050	1376	1310		F	2100	1310	2752	
"	2	H	"	1050	1701	1620		F				No transfer--too much water
A. Ramsey D	1	D	33-21-36	1040	4015	3861	7600	GL				
"	2	A	"	1040	7713	7416	6300	GL				
Reeves	1	L	29-20-37	449M	563	1254		P				Marginal 14 bbls.
"	2	E	"	130M	78	600		P				" 5 "
PHILLIPS PET. CO.												
New	1	A	26-20-36	422M	3323	7875		F				" 16 "
"	2	H	"	383M	15376	40147		F				" 14 "
REPOLLO OIL CO.												No advantage
Houston	1	C	7-21-36	1053	1000	950	122	F				
"	2	F	"	1054	1028	975	341	F				
State "196"	1	M	32-20-37	411	19714	47965	62	F				Marginal 12 bbls.
"	2	L	"	410M	19672	47980	6	F				Penal. to 5
White	1	P	24-20-36	1054	2161	2050	31	F				
"	2	I	"	1054	2171	2060	31	F				

EUNICE-CONTD.

COMPANY LEASE	WELL UNIT	S.T.R.	AUG. PROD. BBLs.	MO. GAS MCF.	G.O.R.	WATER BBLs.	METHOD PROD.	OIL	G.O.R.	GAS MCF	WATER BBLs.	REMARKS
SHELL OIL CO. INC.												
Coleman	1	J 17-21-36	1028	7276	7078	110	F					
"	2	O "	1029	2005	1949	88	F					
State C	1	A 21-31-35	914	11983	13111	175	F	2057	1949	4010	176	No transfer
"	2	M "	915	8794	9612	46	F					
SKELLY OIL CO.												
State H	1	E 25-20-36	1132	3900	3445	55	F					"
"	2	D "	1131	3911	3458		F					"
STANOLIND OIL & GAS CO.												
McQuatters	1	A 11-21-36	1079	5691	5274	27	P					"
"	2	B "	1079	5584	5175		F					"
State C-11	1	X 2-21-36	212M	349	1646	15	P					Marg. 10 bbls.
"	2	W "	332M	483	1455	16	P					" 11 "
"	1	D "	965	2236	2317	50	F					No transfer
"	2	C 22-21-36	965	2234	2315	10	F					
TIDEWATER ASSOC. OIL CO.												
State D	1	J 16-21-36	1083	1602	1479		F					"
"	2	O "	1083	1384	1278	20	F					"
"	1	T "	1081	1463	1353		F					"
"	2	P "	1081	1367	1259		F					"
WINKLER-KOCH ENGINEERING 60.												
State	1	R 5-21-36	1054	1717	1600		F					
"	2	Q "	1054	1717	1600		F					
SHELL OIL CO., INC.												
State E	1	I 6-21-36	979	6231	6365	10	P	1958	853	1670	1280	
"	2	J "	979	835	853	640	P					
"	1	N "	995	688	692	525	P					
"	2	M "	996	668		3920	P					
"	1	K "	1135	525	463	114						
"	2	L "	1136	695	612	1375	P					
"	1	Q 1-21-35	1035	25649	24782	240		1095	24782	27136	480	
"	2	X "	60	5811	96857	20						

TOTAL 41 units 82 wells 75141

81 wells 74304

19 units 19 wells transferred

gas saving 37,310 MCF

gas saving per operating day 1,204,000 cu/ft wells out of 109 2-well units. Gas saving per day 2,761 water increase 413 bbls. per month

370378 4985 23872 37922 2606 98829 3036

136139 3590 2623

Total Monument & Eunice gas saving per month 85,562 on transferring 44

gas saving 37,310 MCF

water increase 413 bbls. per month

TABLE NO. 5
TENTATIVE TRANSFER OF ALLOWABLE FROM A HIGHER GAS-OIL RATIO WELL TO A LOWER GAS-OIL RATIO WELL ON TWO WELL UNITS
MONUMENT

COMPANY LEASE	WELL UNIT S.T.R.	AUG. PROD. BBLs.	MO. GAS MCF	G.O.R.	MO. WATER BBLs.	METHOD PROD.	OIL	G.O.R.	TRANSFERRED ALLOWABLE GAS MCF WATER BBLs.	REMARKS
AMERADA PET. CORP.										
Anderson	1 K 8-20-37	1104	2302	2085		F				
"	2 W " "	1105	536	485	207	F	2209	536	1182	414
Byrd A	1 K 12-20-36	1108	907	819		F				
"	2 N " "	1049	434	414		F	2157	414	893	
Phillips A	1 G 31-19-37	1187	872	735		F				
"	2 H " "	1222	969	793		F				
S. Phillips	1 N 33-19-37	1330	827	622		F				
"	2 K " "	970	619	638		F				
State G	1 M 18-19-37	1095	886	809		F				
"	2 L " "	1165	77	66	61	F				? ratio
"	1 O 1-20-36	1119	557	498		F				
"	2 J " "	1119	619	553		F				
"	1 F 29-19-37	962	292	304	66	F	1924	304	585	132
"	2 C " "	962	675	702	131	F				
"	1 E 20-19-37	1251	657	525	26	F				
"	2 F " "	1286	556	432		F				
"	1 L 29-19-37	1217	2596	2133		F				
"	2 M " "	1184	1010	853		F				
"	1 J 16-20-37	1105	2004	1814	123	F	2401	853	2048	
"	2 I " "	1136	4426	3896	284	F	2241	1814	4065	246
"	1 K 29-19-37	1122	1931	1721	280	F				
"	2 N " "	1157	833	720	386	F	2279	720	1641	772
"	1 N 2-20-36	993	812	818		F				
"	2 M " "	995	472	474	111	F				
"	5 G 20-19-37	938	885	944	68	F	1877	944	1772	136
"	6 B " "	939	2226	2371	49	F				
"	1 E 32-19-37	1204	2221	1845		F				
"	2 D " "	1205	592	491		F				
"	1 I 17-20-37	1108	509	459		F				
"	2 J " "	1078	478	443		F				
"	1 A 13-20-37	1097	177	161		F				
"	2 H " "	1039	625	602		F				
"	1 G 26-19-36	614	6391	10409		F				
Weir B	2 F " "	831	1763	2122		F	144	2122	3066	Penal. well 8/bb/day

MONTGOMERY COUNTY.

COMPANY LEASE	WELL UNIT S.T.R.	AUG. PROD.	MO. GAS	MO. WATER	METHOD	TRANSFERRED ALLOWABLE		REMARKS
						OIL	G.O.R. GAS MCF WATER BRLS.	
AMERICAN REPUBLICS CORP.								
Maveety	1 N 35-19-36	1146	2944	2568	F			
"	2 K "	1135	1788	1575	F	2281	1575 3593	56
ANDERSON PRICHARD OIL CORP.								
Britt A	1 N 6-20-37	1309	415	317	F			
"	2 K "	1308	334	255	F			
CLARK, E.B.								
Cooper	1 C 3-20-37	1015						No. inform.-new well
"	2 F "							" " "
CONTINENTAL OIL CO.								
Britt A	1 M 6-20-37	929	416	448	F			
"	2 L "	927	451	486	F			
Reed B	1 A 23-20-36	494	1525	3087	F			Marginal
"	4 B "	493	1368	2775	F			"
ENNISHOPE OIL CORP.								
Wulff State	1 D 17-20-37	1061	1720	1549	F			
"	2 E "	1062	533	480	F	2123	533 1132	
GREAT WESTERN PROD. CO.								
Bordages	1 D 33-19-37	365	430	1074	F			
"	2 F "	423	560	1211	P			
GULF OIL CORP.								
Bell	1 P 13-20-36	1147	440	384	F	2046	440 900	
"	2 O "	899	1078	1199	F			
Graham St. B	1 P 2-20-36	733	180	246	F			
"	2 I "	1010	4477	4433	F	1743	246 429	40
"	1 O 19-19-37	1117	503	450	F			
"	2 P "	1118	790	707	F			
"	1 L 13-20-36	958	1265	1320	F			
"	2 M "	834	1614	1935	F			
Orcutt D	1 B 13-20-36	1117	523	468	F			
"	2 G "	1054	612	581	F			
Hatchett	1 L 33-19-37	605	1285	2124	F			
"	2 E "	543	760	1400	P			
Kutter A	1 O 20-19-37	1088	437	402	F	2023	402 837	106
"	2 J "	995	5899	5929	F			
Kyte	1 P 7-19-37	1114	276	248	F			
"	2 O "	834	377	452	F			
Love	1 O 32-19-37	1043	2188	2098	F			

No. inform.--new well.
" " " "

Marginal
"

Marginal 8 bbls.

MORPENT-CONTD.

COMPANY		WELL UNIT	S.T.R.	AUG. MO.		PROD. BBLS.	GAS MCF	G.O.R.	WATER BBLS.	METHOD	OIL	TRANSFERRED ALLOWABLE		REMARKS	
LEASE				PROD. BBLS.	GAS MCF							G.O.R.	WATER BBLS.		GAS MCF
GULF-CONTD.															
Love	2	P	32-19-37	1077	963	894	894	92	F		2120	894	1895	184	
Luthy State	1	E	29-19-37	1085	945	871	871	.	F						
"	2	D	"	1114	573	514	514		F		2199	514	1130		
Martin	1	I	25-19-36	1091	2027	1858	1858		F						
"	2	P	"	1120	2193	1958	1958		F						
Phillips	1	B	31-19-37	1084	1239	1143	1143		F						
"	2	A	"	1055	444	421	421		F		2139	421	901		marginal 14 bbls.
Smith	1	H	34-19-36	451	12890	28580	28580	35	F						" 10 "
"	2	A	"	332	3234	9740	9740	339	F						" 25 "
HUMBLE OIL & HFG. CO.															
State D	1	H	20-19-37	573	1240	2165	2165	18	P						" 20 "
"	2	A	"	459	935	2040	2040	19	P						" new well-no infor.
NOLEN, B.H.															
Humble Lau.	1	H	4-20-37	1089	404	371	371		F						S.I. 10/8/42
"	2	I	"												" "
OHIO OIL CO.															
McGrail	1	N	26-19-36	96	9408	98000	98000	96	F						" "
"	2	K	"	92	7888	85736	85736		F						
OIL WELL DRUG. CO.															
Wood A	1	C	16-20-37	1104	2164	1960	1960		F						
"	2	F	"	1104	628	569	569		F		2208	569	1256		
REFOLLO OIL CO.															
Byrd	1	B	11-20-36	1025	4088	3988	3988		F						
"	2	G	"	993	3960	3988	3988		F						
Roach	1	D	21-20-36	1148	828	721	721		F						
"	2	C	"	1116	828	742	742		F						
Williams	1	A	33-19-37	652	252	387	387	69	P						marginal 21 bbls.
"	2	O	"	1116	876	785	785	144	F						
SHELL OIL CO.															
Foster	1	P	34-19-36	1064	6235	5860	5860		F						
"	2	D	"	1063	683	642	642	66	F		2127	642	1366	132	
State C	1	A	24-19-36	867	3899	4070	4070	36	P						
"	2	H	"	958	830	618	618	50	F						
"	1	J	19-19-37	1219	830	618	618		F						?
"	2	I	"	1219	782	642	642		F						

MONUMENT-CONT'D.

COMPANY	WELL UNIT	S.T.R.	AUG. PROD. BBLs.	MO. GAS MCF	G.O.R.	WATER BBLs.	METHOD PROD.	OIL	G.O.R.	GAS MCF	TRANSFERRED ALLOWABLE WATER BBLs.	REMARKS
SKELLY OIL CO.												
Monstate	1	P	13-19-36	437	2518	5763	1867	P				
"	2	I	"	462	2609	5647	4920	P				
State D	1	P	1-20-36	1241	403	325		F	2482	325	807	
"	2	I	"	1241	1101	887		F				
"	1	H	29-19-37	972	1886	1940	50	F				
"	2	A	"	1025	2153	2100		F				
"	1	P	17-20-37	1415	654	462		F				
"	2	O	"	1414	773	547		F				
SOUTHERN PET. EXPLORATION CO., INC.												
State	1	G	29-19-37	762	2929	3800		F				
"	2	B	"	762	2929	3800	30	F				
SUN OIL CO.												
Laughlin	1	L	4-20-37	1115	314	282		F	2231	282	629	
"	2	I	5-20-37	1116	3013	2700		F				
State	1	A	25-19-36	1054	4026	3820		F				
"	2	H	"	704	1281	1820		F	1758	1820	3200	
THE TEXAS CO.												
St. C Univ.	5	A	19-20-37	497	3443	6928			992	6928	6873.	
"	6	B	"	495	4515	9121						
State F	1	I	24-19-36	1406	2750	1956		F	2799	1956	5475	
"	2	P	"	1393	6268	4500		F				
"	1	N	19-19-37	1207	415	344		F				
"	2	M	"	1207	405	336		F				
"	10	D	"	641	2356	3676						
"	18	C	"	841	2772	3237	26					
"	1	K	24-19-36	530	4020	7587		F				
"	2	N	"	315	6448	20470	177	F				
Marginal 20 bbls. Pen. well (29-7) 22 bbls.												
"	1	P	18-19-37	1158	911	787		F				
"	2	I	"	1158	658	568		F				
Weir	1	E	25-19-36	86	3879	45100	3	F				
"	2	N	23-19-36	140	10255	73250	7	F				
TIDEWATER ASSOC. OIL CO.												
Anderson	1	J	8-20-37	837	1065	1272	184	F				
"	2	I	"	1026	1212	1181		F				
Laughlin	1	F	4-20-37	1116	698	625		F				
"	2	K	"	1243	729	587		F				
Marginal 4 bbls. Shut In												

INVENTORY-CONTD.

COMPANY LEASE	WELL UNIT	S.T.R.	AUG. PROD. BBLs.	MO. GAS MCF	G.O.R.	WATER BBLs.	METHOD PROD.	TRANSFERRED ALLOWABLE		REMARKS
								OIL	GAS MCF	
TIDEWATER-CONTD.										
State F	1	D	20-19-37	1085	1334	1230	F			
"	2	C	"	1086	1489	1371	F			
"	1	L	32-19-37	1054	4344	4121	F			
"	2	K	"	990	3875	3914	F	10		
"	1	N	16-20-37	1147	647	564	F			
"	2	K	"	1223	794	647	F			
"	1	K	13-20-36	992	2306	2325	F	812		
"	2	N	"	938	2277	2428	F	9		
TWO STATES OIL CO.										
Etcheverry	1	G	10-20-36	228	5605	24578	F	57		Penal. applied (29-9) 20 bbls.
"	2	J	"	152	5811	38211	F			Penal. applied (29-6) 23 bbls.

TOTAL 68 units 136 wells (134)128149	25 units 50 wells 52065	49223	2218
(132)126267	2013	11421	

25 units 25 wells transferred
gas saving 48,252 MCF
water reduction 2084 bbls. per month
gas saving per operating day 1,557,000 cu/ft.

TABLE NO. 6
Tentative Transfer of a flowable from a higher gas-oil ratio well to a lower gas-oil
ratio well on three or more units per lease
EUNICE

COMPANY LEASE	WELL NO.	S.T.R.	AUGUST MONTHLY PROD.	MONTHLY GAS MCF	G.O.R.	MONTHLY WATER PROD.	METHOD USED	OIL	TRANS. GAS MCF	G.O.R.	ALL. WATER BBL'S	REMARKS
AMERADA												
Houston	1 H	7-21-36	1142	577	505		F	2286	1154	505		
"	2 A	"	1142	1026	898		F	1142	1026	898		
"	3 B	"	1142	932	825		F	1142	942	825		
"	4 G	"	1144	2102	1837		F					
State W	1 H	30-20-37	279	7539	27020		F	279	7539	27020		
"	3 F	"	729	3615 M	4959		F	729	3615	4979		
"	4 E	"	729	845 M	1159		F	729	845	1159		
ATLANTIC												
State H	1 O	5-21-36	991	3564	3596		F	1977	1178	596		
"	2 P	"	991	1912	1929		F	991	1712	1929		
"	3 J	"	963	2115	2196		F	963	2115	2196		
"	4 I	"	1048	2311	2205		F					
CITIES SERVICE												
State C	1 L	16-21-36	885	1453	1619		F	1770	2866	1619		
"	2 M	"	885	3695	4175		F					
"	3 K	"	886	4991	5639	15	F					
"	4 N	"	885	480	544		F	1771	963	544		
State D	1 B	22-31-36	650	3413 M	5250		GL	650	3413	5250		
"	2 G	"	759	3803 M	5010		GL	759	4803	5010		
"	3 A	"	312	967 M	3100		F	312	967	3100		
"	4 H	"	158	632 M	4000		GL	158	632	4009		
State F	1 O	30-20-37	1326	6948 M	5240		F	1326	6948	5240		
"	2 I	"	775	19995 M	25800		F	775	19995	25800		
"	3 P	"	630	3205 M	5170		F	630	3205	5170		
CONTINENTAL												
Leidhardt A	1 P	18-21-36	1097	3792	3375	62	F	2190	7391	3375	124	
"	2 O	"	1094	438	400		GL	1094	438	400	2790	
"	3 K	"	1096	438	400		GL	1096	438	400	3100	
"	4 M	"	1098	12578	11455	682	F	1098	12578	11455	682	
"	5 N	"	1095	438	400		GL	1095	438	400	3100	
"	6 L	"	1093	10790	9872		F					
"	1 H	30-21-36	265	106M	400	327	GL	265	106	400	327	
"	2 A	"	318	127M	400	1869	GL	318	127	400	1860	

TABLE NO. 6 - BENICE- CONT'D

COMPANY	WELL	S.T.R.	AUGUST MONTHLY PROD.	MONTHLY MCF GAS	G.O.R.	MONTHLY WATER REPORT	METHOD USED	OIL	TRANS. MCF GAS	G.O.R.	ALL. WATER BRLS.	REMARKS
CONTINENTAL-CONT'D												
Lockhart A	3 B	30-21-36	370	148M	400	3100	P	370	148	400	3100	
"	4 G	"	529	212M	400	24800	GL	529	212	400	24800	
"	6 F	"	212	85M	400	248	GL	212	85	400	248	
B	1 E	14-21-36	944	5844	6191	558	F	944	5844	6191	558	
"	2 D	"	941	5302	5634		F	1887	10631	5634		
"	3 A	"	1026	6295	6135		F	1026	6295	6135		
"	4 H	"	1023	2438	2383		F	1683	3891	2383		
"	5 L	"	610	4228	6931	496	F					
"	6 M	"	946	6274	6632	310	F					
B	1 D	28-21-36	1007	3912	3885		F	1007	3912	3885		
"	2 E	"	1009	3491	3460	504						
"	3 L	"	1005	402	400	980	GL	1005	402	400	980	
"	4 M	"	1008	403	400	280	GL	2017	807	400		
"	1 D	31-21-36	930	13721	14754	217						
"	2 N	"	931	3498	3757	248		1861	6992	3757	496	
"	3 O	"	929	3968	4271	248		1831	7820	4271	496	
"	4 P	"	902	6400	7095	12400						
Meyer A	1 K	8-21-36	1066	5300	4972			2120	8024	3767		
"	2 N	"	1064	4008	3767							
"	3 M	"	1065	6776	6362			2132	6929	3250		
"	4 L	"	1067	3468	3250			669	1186	1773		
"	1 N	17-21-36	669	1186	1773			1338	1394	1042	124	
"	2 F	"	671	699	1042	62						
"	3 E	"	667	2527	3789							
"	4 K	"	674	270	400	620	GL	674	270	400	620	
"	5 L	"	295	4475	15170	124						
"	6 N	"	666	1211	1819			961	1748	1819		
"	1 A	18-21-36	1071	3996	3731							
"	2 J	"	1069	428	400	24800	GL	1069	428	400	24800	
"	3 I	"	1073	1089	1015	93		2144	2176	1015	93	
"	4 G	"	1070	428	400	9300	GL	1070	428	400	9300	
"	5 H	"	1072	2396	2235	186		1072	2396	2235	186	
"	6 B	"	1075	430	400	12400	GL	1075	430	400	12400	
B	1 V	4-21-36	1082	3963	3663			1082	3963	3663		
"	2 W	"	1084	6545	6038							
"	3 Q	"	1080	2776	2570			2164	5561	2570		
"	4 S	"	1086	2847	2622			2165	5677	2622		

TABLE NO. 6 - FORTICE - CONT'D

LEASE	COMPAN Y	WELL NO.	S.T.R.	AUGUST		MONTHLY		G.O.R.	MONTHLY		METHOD USED	TRANS.		ALL? WATER BBL'S.	REMARKS
				MONTHLY PROD.	MONTHLY GAS	MONTHLY MCF	MONTHLY WATER PROD.		OIL	GAS					
CONTINENTAL-CONT'D															
	State C	3 F	20-21-36	1054	2039		1935		2114	4090		1935			
	"	4 N	"	1051	843		802	124	2113	1695		802		248	
	"	5 M	"	1049	935		891	124	2096	1868		891		248	
	"	6 C	"	1046	2160		2065		1046	2160		2065			
	"	7 K	"	1047	2279		2177	155							
	"	8 L	"	1053	2420		2298		1053	2420		2298			
D	"	1 L	11-21-36	982	3247		3307		1962	6488		3307			
	"	2 M	"	980	6175		6301								
	"	3 N	"	984	4342		4413		1967	8680		4413			
	"	4 K	"	983	5920		6022								
D	"	1 H	15-21-36	988	3218		3257		1977	6439		3257			
	"	2 B	"	989	3908		3951								
	"	3 A	"	987	3785		3835		1971	7559		3835			
	"	4 O	"	992	2400		2419	310	1982	4794		2419		620	
	"	5 G	"	990	5353		5407	310							
	"	6 I	"	986	3343		3390	62	1971	6689		3390		124	
	"	7 J	"	985	5675		5761								
	"	8 P	"	984	6807		6918	1240							
DEVONIAN															
	St. Heasley	1 F	5-21-36	1060	4575		4316		1060	4575		4316			
	"	2 B	"	1048	5198		4960								
	"	3 A	"	1056	4841		4584		1056	4841		4584			
	"	4 E	"	1053	3281		3116		2111	6578		3116			
	"	5 D	"	1058	2380		2250		2108	4743		2250			
	"	6 C	"	1050	5439		5180								
DRILLING & EXPL.															
	State	1 P	12-21-35	317	6403		20200								
	"	2 O	"	930	7905		8500		1247	10600		8500			
	"	3 J	"	930	9700		10430		930	9700		10430			
FIELDS															
	Turner St.	1 G	32-20-37	188	338		1800		188	338	GL	1800			
	"	2 C	"	250	480		1920		250	480	GL	1920			
	"	3 F	"	200	876		4380		200	876		4380			
GULF															
	Bell C	1 D	15-21-36	1044	4049		3878	84							
	"	2 F	"	1045	3378		2276		2089	4755		2276			
	"	3 C	"	4046	4687		4481								

TABLE NO. 6 CONT'D - FORTNICE

COMPANY LEASE	WELL UNIT	S.T.R.	AUGUST		MONTHLY		G.O.R.	NO. BBL'S		TRANS.		ALL. WATER BBL'S.	
			MONTHLY PROD.	MONTHLY MCF	GAS	G.O.R.		PROD.	USED	OIL	MCF GAS		G.O.R.
CONTINENTAL-CONT'D													
Meyer A	5 I	4-21-36	1078	3286		3048			1078	3286	3048		
"	6 N	"	1079	3795		3517							
"	7 R	"	1080	3841		3553							
"	8 O	"	1085	3286		3029			1085	3286	3029		
"	9 K	"	1083	4112		3797							
"	10 I	"	1087	2363		2174			2168	4713	2174		
"	11 X	"	1089	3266		2999			2172	6514	2999		
"	12 F	"	1079	5687		5271							
"	13 J	"	1035	2130		1978			2114	4181	1978		
"	14 G	"	1078	2879		2671			2153	5708	2671		
"	15 C	"	1076	3053		2837			1076	3053	2837		
"	16 H	"	1075	4945		4600							
"	17 A	"	1091	2111		1935			2183	4224	1935		
"	18 B	"	1092	3656		3357							
B	1 F	8-21-37	1110	1928		1737			2218	3853	1737		
"	2 C	"	1112	1794		1613			2223	3588	1613		
"	3 E	"	1108	7691		6941							
"	4 D	"	1111	2816		3535							
B	1 K	9-21-36	1103	4523		4101			2213	9076	4101		
"	2 F	"	1105	5911		5349			2209	11796	5349		
"	3 N	"	1102	7638		6931							
"	4 C	"	1104	7339		6675							
B	1 F	18-21-36	1127	451		400		GL	1127	451	400	10850	
"	3 D	"	1125	1385		1231	31		2253	2773	1231	62	
"	4 E	"	1123	3623		3216							
Reed B	2 H	23-30-36	541	899		1645			1079	1775	1645		
"	3 P	"	538	3132		5822							
"	5 I	"	543	506		931			1065	1010	931		
"	6 O	"	542	3187		5880	186						
"	7 J	"	540	2162		4003			1084	4339	4003		
"	8 G	"	544	3002		5519							
B	1 N	24-20-36	649	948		1482			640	948	1482		
"	2 K	"	642	257		400	62	GL	642	257	400	62	
"	3 M	"	641	2171		3387							
"	4 L	"	637	612		960			1278	1227	960		
State B	1 D	20-21-3	1090	2964		2823							
"	2 E	"	1052	2096		6103	186						

TABLE NO. 6 - EUNICE - CONT'D

COMPANY LEASE	WELL NO.	S.T.R.	AUGUST		MONTHLY		METHOD USED	MONTHLY		G.O.R.	TRANS.		ALL. WATER BBLs.	REMARKS
			MONTHLY PROD.	MONTHLY MCF	PROD.	WATER PROD.		OIL	GAS					
GULF-CONT'D														
Bell C	4 F	15-21-36	1046	2895	2768			2092	5791	2768			192	
"	1 N	36-20-36	1040	1655	1591	96		2080	3309	1591				
"	2 K	"	1040	2257	2170									
"	3 F	"	1040	1647	1584									
"	4 C	"	1040	1602	1540									
"	5 M	"	1039	1011	973			2079	2023	973				
"	6 L	"	1039	416	400			2079	832	400				
"	7 E	"	1041	381	366	148		2081	762	366			296	
"	8 D	"	1040	1774	1706	194								
Campbell	1 N	7-21-36	1032	2866M	2777	4899	GL	1032	2866	2777			4899	
"	2 K	"	1033	3455	3345	102		1185	3964	3345			204	
"	3 M	"	152	7919M	52100	111								
"	4 L	"	467	5884M	12600	31		467	5884	12600			31	
Collins	1 F	14-21-36	799	2653M	3320			1999	6637	3320				
"	2 C	"	1068	3254	3047			1379	4202	3047				
"	3 C	"	1200	8190	6752									
"	4 K	"	311	1599M	5140	180		2114	707	351				
Houston	1 P	7-21-36	1057	371	351									
"	2 I	"	1057	1404	1328									
"	3 O	"	1053	519	493	1065		1053	19	493			1065	
"	4 J	"	1057	718	679			1057	718	679				
Janda C	1 L	15-21-36	1052	3464	3293			1052	3464	3293				
"	2 M	"	1053	4397	4176	270								
"	3 N	"	1053	2788	2648			1053	2788	2648				
"	4 K	"	1053	2585	2455			2106	5170	2455				
Leonard St.	1 L	28-21-36	1051	799	760			2101	1598	760				
"	2 K	"	1051	3153	3000	132		2101		3000			264	
"	3 B	"	1050	1382	1316	1980								
"	4 G	"	1050	6716	6396	10296								
"	5 A	"	1050	4303	4098	1650	GL	1050	4303	4098			1650	
Orcutt A	1 N	5-21-36	1060	3763	4550									
"	2 M	"	1060	3381	3190			2120	6763	3190				
"	3 K	"	1060	6593	6220									
"	4 F	6-21-36	1060	4167	3931			1060	4167	3931				
"	5 L	5-21-36	1060	3722	3511			1060	3722	3511				
"	6 O	6-21-36	1059	2344	2700			2119	5891	2700				
"	1 4	6-21-37	1048	2641	2520	179		1048	2641	2520			179	

TABLE NO. 6 CONT'D - EUNICE

COMPANY LEASE	WELL NO.	S.T.R.	AUGUST		MONTHLY		MONTHLY		METHOD USED	TRANS.		ALL. WATER BBLs.	REMARKS
			MONTHLY PROD.	MONTHLY MCF	G.O.R.	WATER PROD.	G.O.R.	OIL		MCF	GAS		
Gulf Cont'd	Orcutt C	1	4	6-21-36	1048	2641	2520	179		1048	2641	2520	179
	"	2	A	"	1049	2832	2700			1049	2832	2700	
	"	3	G	"	1050	1628	1550	525		1050	1628	1550	525
	"	4	F	"	1049	1300	1239	32		1049	1300	1239	32
	"	5	P	36-20-36	1049	2360	2250			2100	4725	2250	
	"	6	C	6-21-36	1047	1120	1070	58		1047	1120	1070	58
	"	7	O	36-20-36	1050	308	293	129		1050	308	293	129
	"	8	B	6-21-36	1051	3889	3700						
	Arnett Ramsey	1	M	21-21-36	1047	612	585			1047	612	585	
	"	2	D	"	1047	392	374			2093	783	374	
Bell Ramsey	"	3	L	"	1053	2780	2659	2217		2101	1046	498	874
	"	4	E	"	1048	522	498	437					
	"	5	N	"	1046	3663	3502	2203	GL				
	"	6	C	"	1084	863	796			1084	863	796	
	"	7	B	"	1084	1009	931			1084	1009	931	
	"	8	O	"	1048	3689	3518	453					
	"	9	A	"	1048	919	877	82		1048	919	877	82
	"	10	G	"	1047	694	663	66		1047	694	663	66
	"	11	I	"	1084	517	477			2132	1017	477	
	"	12	J	"	1048	2777	2650	596					
Sunshine	"	13	F	"	1046	1309	1251			1046	1309	1251	
	"	14	K	"	1047	374	351			2095	735	351	
	Bell Ramsey	1	L	9-21-36	1040	4864	4677	75					
	"	2	E	"	970	5302	5528						
	"	3	M	"	966	6376	6600	24					
	"	4	D	"	967	1441	1490			1933	2880	1490	
	"	5	A	4-21-36	1039	2192	2110	268		1039	2192	2110	268
	"	6	T	"	1068	1661	1555			1402	1280	1555	
	"	7	M	"	1018	1666	1637	63		1988	3336	1637	126
	"	8	L	"	334	1904	5700						
White	"	9	E	"	1018	3176	3120	63		1018	3176	3120	63
	"	10	D	"	1018	1807	1775	84		2058	5428	1775	198
	Sunshine	1	M	30-20-37	1047	7004	6690			1047	7004	6690	
	"	2	N	"	812	14967M	18100	67		812	14697	18100	67
	"	3	K	"	609	2320M	3810			609	2320	3810	
	"	1	P	25-20-36	1039	4468	4300						

TABLE NO. 6 EUNICE-CONT'D

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COMPANY		WELL NO.	S.T.R.	MONTHLY		MONTHLY		METHOD USED	TRANS.		G.O.R.	ALL. WATER BBLs.	REMARKS
LEASE				PROD.	GAS	MCF	PROD.		OIL	MCF			
HUMBLE-CONT'D													
St. Aggies	12	H	31-20-37	615	3553	5777			615	3553	5777		
State B	1	E	29-21-36	371	9283	25022	65						
"	2	F	"	1054	2335	2215	452	GL	1054	2335	2215	452	
"	3	J	"	1101	2680	2434	6289	GL	1101	2680	2439	6239	
Q	4	B	"	1053	4180	3969	21		1424	5652	3969	42	
"	5	G	"	1053	2474	2350	1580	GL	1053	2474	2350	1580	
"	6	O	"	1054	4325	4103	21						
"	7	I	"	1053	2565	2436	1580	GL	1053	2565	2436	1580	
"	8	I	"	1054	3290	3121	186	GL	2108	6579	3121	372	
"	9	K	"	618	1635M	2646		GL	618	1635	2646	265	
MIDCONTINENT													
Marshall	1	P	11-21-36	682	7502	11000	20						
"	2	I	"	643	6109M	9500	30		643	6109	9500	30	
"	3	M	12-21-36	1058	3280	3100			1740	5394	3100		
MURRAY ET AL													
State	1	M	3-21-36	783	4032M	5150			783	4032	5150		
"	2	L	"	540	2749M	5090			540	2749	5090		
"	3	N	"	425	2078M	4890		GL	425	2078	4890		
"	4	F	"	783	4001M	5110		GL	783	4001	5110		
REFOLLO													
Adkins	1	J	9-21-36	495	2298	4642			495	2298	4642		
"	2	G	"	495	2302	4650	50		495	2302	4650	50	
"	3	O	"	495	2288	4625	204		495	2288	4625	204	
"	4	B	"	494	2315	4687	182		494	2315	4687	182	
"	5	H	"	495	2315	4677	65		495	2315	4677	65	
"	6	P	"	494	2309	4674	184		494	2309	4674	184	
"	7	I	"	495	2304	4655	185		495	2304	4655	185	
"	8	A	"	495	2393	4834	184		495	2393	4834	184	
State 176	1	B	19-21-36	1125	1307	1162			2033	2362	1162		
"	2	C	"	1124	1238	1101	1015		1124	1238	1101	1015	
"	4	G	"	1125	1261	1121	231		1125	1261	1121	231	
"	5	D	"	1125	1240	1102	201		1125	1240	1102	201	
"	6	C	"	1125	1305	1160	1051		1125	1305	1160	1051	
"	7	F	"	908	8172	9000							
RUSH													
State	1	I	20-20-37	1057	925	875			1057	925	875		
"	2	J	"	1057	925	875			1057	925	875		

TABLE NO. 6 CONT'D - EUNICE		AUGUST		MONTHLY		G.O.R.		MONTHLY		METHOD		TRANS.		ALL	
COMPANY	WELL	NO.	S.T.R.	PROD.	MCF	GAS	G.O.R.	PROD.	WATER	USED	OIL	GAS	MCF	G.O.R.	REMARKS
STANOLIND-CONT'D															
Gilluly A	6	K	25-20-36	1025	5569	5433									
	7	O	24-20-36	1041	6157	5924		42							
	8	J	"	1021	5697	5473					1021	5697		5473	
	10	H	"	1016	6021	5915									
	11	G	"	1018	5324	5230					1018	5324		5230	
	13	F	"	1043	5097	4887					1043	5097		4887	
	14	E	"	1043	5061	4852					2068	10034		4852	
SUN															
Akoma	1	U	3-21-36	1023	3069	3000		2387							
	2	V	"	1055	3555	3370		255			2109	7107		3370	505
	3	W	"	1054	4416	4190									
	4	S	"	1054	2677	2540		94			1396	3446		2540	188
	5	X	"	1054	1734	1645					2077	3417		1645	
	6	Q	"	342	1197	3500									
TEXAS															
Rector	1	I	30-21-36	169	2305M	13639		16731			169	2305		13639	16731
	2	P	"	169	1013M	5994		16731			169	1013		5994	16731
	3	J	"	49	8316	169714		4851			49	8316		169714	4851
	4	O	"	53	679M	12811		1741			53	679		12811	1714
	1	T	31-20-37	921	3571	3877		19							
	2	O	"	920	3005	3266		125			1841	6013		3266	250
	4	J	"	920	3368	3661					920	3368		3661	
	5	I	"	921	3576	3883		38			921	3576		3883	38
	8	H	20-20-37	975	1518	1557					975	1518		1557	
	9	M	19-20-37	994	1343	1352					1974	2669		1356	
	12	N	20-20-37	917	1440	1570		28			917	1440		1570	28
	13	N	19-20-37	988	1735	1756		20			988	1735		1756	20
	14	E	"	980	3295	3262									
	15	G	20-20-37	1110	1763	1588					1110	1763		1588	
16	K	"	1041	1699	1632					1041	1699		1632		
17	L	19-20-37	970	1726	1779					970	1726		1779		
19	F	"	1006	3464	3443										
20	F	20-20-37	1036	1378	1330					2042	2716		1330		
21	K	19-20-37	904	1568	1577					904	1568		1577		
22	E	20-20-37	1026	1634	1593					1026	1634		1593		
23	L	"	1025	1615	1576					1026	1615		1576		
TIDEWATER															
Coleman	1	G	17-21-36	1054	560	531		104			2110	1120		531	208

TABLE NO. 6 EUNICE-CONT'D				AUGUST		MONTHLY		G.O.R.		MONTHLY		METHOD		OIL		TRANS.		ALL.	
COMPANY		WELL		MONTHLY		MCF		GAS		WATER		USED		GAS		MCF		WATER	
LEASE	NO.	S.T.R.	PROD.	PROD.	GAS	PROD.	GAS	PROD.	GAS	PROD.	GAS	PROD.	PROD.	PROD.	PROD.	PROD.	PROD.	PROD.	PROD.
RUSH-CONT'D																			
State	3	O	20-20-37	1056	924	875									1056	924	875		
SHELL																			
Devonian	1	G	21-21-36	1038	286	276		111							2076	573	276		222
"	2	B	"	1038	1290	1243		12											
"	3	A	"	1038	1035	998									2077	2073	998		
"	4	H	"	1039	342L	3293		2380											
State A	1	H	12-21-35	744	M			37							749				37
"	2	A	"	149	6505M	43659													
"	3	G	"	853	3516	4123									1002	4121	4123		
"	1	P	13-21-35	1129	6381	6202		252											
"	2	A	"	1129	3272	3180									2258	7180	3180		
"	3	H	"	1129	3833	2725									2259	6156	2725		
"	4	J	"	1130	6652	6465		22											
"	1	N	32-20-36	194	316M	1629		4							194	316	1629		4
"	2	O	"	390	4840M	12411		4							390	4840	12411		4
"	3	P	"	390	1337M	3429									390	1337	3429		
"	1	A	36-20-36	922	12034	13053									922	12034	13053		
"	2	H	"	923	1973M	2138									923	1973	2138		
"	3	G	"	923	5429M	5822									923	5429	5822		
"	4	B	"	923	4356M	4720									923	4356	4720		
"	1	H	1-21-35	996	2486	3500		165							1992	3717	1866		180
"	2	I	"	996	1858	1856		90							997				249
"	3	A	"	997				240							997				
"	4	P	"	997				3920							997				3920
SKELLY																			
State B	1	O	16-21-36	541	2331	4309									541	2331	4309		
"	2	E	"	542	2165	3995									1084	4331	3995		
"	3	C	"	542	2368	4369									542	2368	4369		
"	4	B	"	542	2452	4525									542	2452	4525		
"	5	G	"	542	2512	4634													
"	6	T	"	542	2255	4161									542	2255	4161		
STANDARD																			
Meredith	1	H	19-21-36	1268	1013	788		525							2261	1797	788		1050
"	2	P	"	1013	1620	1600		7043							845	1231	1457		
"	3	I	"	845	1231	1457		5480											
STANFORD																			
Gilluly A	3	G	25-20-36	1028	4170	4056									2046	8299	4056		
"	5	B	"	1028	5033	4896									2069	10130	4896		

TABLE 6

Tentative transfer of allowable from a higher gas-oil ratio well to a lower gas-oil ratio well on three or more units per lease

MONUMENT

COMPANY LEASE	WELL NO.	S.T.R.	AUGUST		MONTHLY		MONTHLY		METHOD	OIL		TRANS.		G.O.R.		ALL.	
			MONTHLY PROD.	MONTHLY GAS	MONTHLY G.O.R.	WATER PROD.	MONTHLY GAS	MONTHLY G.O.R.		PROD.	PROD.	MCF	GAS	2000	2000	WATER BBL.	REMARKS
AMERADA																	
Andrews	1	D	12-20-36	1073	530	494	1901	939	494	1901	939	494	1901	939	494	1901	939
"	2	A	11-20-36	828	1793	2166	1793	1793	1793	1793	1793	1793	1793	1793	1793	1793	1793
"	3	H	11-20-36	981	1275	1300	1275	1275	1275	1275	1275	1275	1275	1275	1275	1275	1275
"	4	L	12-20-36	1012	164	162	164	164	164	164	164	164	164	164	164	164	164
"	5	E	12-20-36	828	418	505	418	418	418	418	418	418	418	418	418	418	418
"	6	M	"	862	370	429	370	370	370	370	370	370	370	370	370	370	370
Byrd	1	R	"	1106	306	277	306	306	277	306	306	277	306	306	277	306	277
"	2	G	"	1106	238	215	238	238	215	238	238	215	238	238	215	238	215
"	3	J	"	1108	372	336	372	372	336	372	372	336	372	372	336	372	336
"	4	C	"	1110	591	532	591	591	532	591	591	532	591	591	532	591	532
"	5	F	"	1110	426	384	426	426	384	426	426	384	426	426	384	426	384
"	6	O	"	1108	173	156	173	173	156	173	173	156	173	173	156	173	156
Lambert	1	B	6-20-37	1250	625	500	625	625	500	625	625	500	625	625	500	625	500
"	2	G	"	1306	1242	951	1242	1242	951	1306	1242	951	1306	1242	951	1306	1242
"	3	A	"	1250	575	460	575	575	460	1250	575	460	1250	575	460	1250	575
"	4	H	"	1250	514	411	514	514	411	1250	514	411	1250	514	411	1250	514
Larsen	1	F	32-19-37	992	3560	3589	3560	3560	3589	3560	3560	3589	3560	3560	3589	3560	3589
"	2	C	"	1088	1783	1639	1783	1783	1639	1088	1783	1639	1088	1783	1639	1088	1783
"	3	B	"	992	324	327	324	324	327	992	324	327	992	324	327	992	324
"	4	G	"	961	960	999	960	960	999	961	960	999	961	960	999	961	960
Laughlin	1	D	9-20-37	1139	1239	1088	1239	1239	1088	1139	1239	1088	1139	1239	1088	1139	1239
"	2	C	"	1107	531	488	531	531	488	1107	531	488	1107	531	488	1107	531
"	3	B	"	1107	5113	4619	5113	5113	4619	1107	5113	4619	1107	5113	4619	1107	5113
Phillips	1	A	1-20-36	1139	706	93	706	706	93	1139	706	93	1139	706	93	1139	706
"	2	H	"	1106	1000	904	1000	1000	904	1106	1000	904	1106	1000	904	1106	1000
"	3	G	"	1206	344	311	344	344	311	1206	344	311	1206	344	311	1206	344
"	4	B	"	1106	188	170	188	188	170	1106	188	170	1106	188	170	1106	188
State D	1	D	"	1112	365	326	365	365	326	1112	365	326	1112	365	326	1112	365
"	2	E	"	1061	587	553	587	587	553	1061	587	553	1061	587	553	1061	587
"	3	F	"	1119	152	136	152	152	136	1119	152	136	1119	152	136	1119	152
"	4	C	"	1119	144	129	144	144	129	1119	144	129	1119	144	129	1119	144
State F	1	M	36-19-36	1104	487	441	487	487	441	1104	487	441	1104	487	441	1104	487
"	2	L	"	1104	927	840	927	927	840	1104	927	840	1104	927	840	1104	927

TABLE NO. 6 CONT'D - MONUMENT

COMPANY	WELL	S.T.R.	AUGUST MONTHLY PROD.	MONTHLY MCF GAS	G.O.R.	MONTHLY WATER PROD.	METHOD PROD.	OIL	TRANS. MCF GAS	G.O.R.	ALL. WATER BBL.	REMARKS
BARNSDALL-CONT'D												
Cooper	3 D	7-20-37	1125	1205	1081							
"	4 H	12-20-36	1125	312	280			1125	315	280		
"	5 I	"	1125	284	255			1125	284	255		
"	6 M	7-20-37	1113	464	417			1113	464	417		
"	7 L	"	1113	490	440			1113	490	440		
"	8 P	12-20-36	1125	531	476			1125	531	476		
CITIES SERVICE												
Laughlin	1 J	5-20-37	1088	1730	1590			1088	1730	1590		
"	2 O	"	1088	1529	1405			1088	1529	1405		
"	3 P	"	1087	997	917			2269	2081	917		
"	4 A	8-20-37	1182	7285	6163							
State E	1 K	30-19-37	1081	745	689			2162 -	1490	689		
"	2 N	"	1081	6013	5562							
"	3 L	"	1080	5975	5532							
"	4 M	"	1082	4268	3945			2162	8529	3945		
CONTINENTAL												
Britt B	1 D	15-20-37	980	392	400			980	392	400		
"	2 E	"	979	1170	1195			2015	2408	1195		
"	3 L	"	1036	48847	47150							
"	4 M	"	1035	15649	15120			1036	48847	47150		Shut in
"	5 K	"	1007	403	400			1035	15649	15120		
"	6 F	"	1032	413	400			1032	413	400		
"	7 N	"	254	5368	21135							
"	8 J	"	975	1097	1125			1329	1495	1125		Shut in
Britt B	1 D	18-20-37	1031	734	712			20 63	1469	712		
"	2 F	"	1032	4935	4782			1060	731	690		
"	3 J	"	1060	731	690			1606	1722	1072		
"	4 I	"	860	922	1072			1978	930	470		
"	5 E	"	1061	499	470							
"	6 P	"	746	4462	5981							
"	7 O	"	917	3812	4157							
Reed A	1 A	3-20-36	933	3804	4077			1595	6503	4077		
"	2 H	"	842	1644	1952			1774	3463	1952		144
"	3 I	"	932	3201	3425							
"	4 P	"	662	5849	8835							
"	5 G	"	1022	409	400			1022	409	400		

TABLE NO. 6 CONT'D - MONUMENT

COMPANY	WELL NO.	S.T.R.	AUGUST MONTHLY PROD.	MONTHLY GAS MCF	G.O.R.	MONTHLY WATER PROD.	METHOD PROD.	OIL	TRANS. MCF GAS	G.O.R.	ALL. WATER BBL'S.	REMARKS
AMERADA-CONT'D												
State F	3 K	36-19-36	1104	416	377			1104	416	377		
"	4 N	"	1106	466	421			1106	466	421		
State J	1. O	2-20-36	1024	429	419	32		2048	867	419		
"	2 J	"	1024	2535	2476							
"	3 K	"	1024	725	708			1024	725	708		
State O	1 B	30-19-37	1312	754	575			1312	754	575		
"	2 G	"	1277	444	348			1277	444	348		
"	3	"	1277	2098	1643							
"	4	"	1280	699	546			2557	1396	546		
State T	1 N	25-19-36	1077	968	899			2247	2020	899		
"	2 K	"	1139	2218	1947	127						
"	3 F	"	1170	2563	2191	130						
"	4 C	"	833	1241	1490	93		1972		1480	186	
State V	1 A	36-19-36	1289	2061	1599							
"	2 B	"	1220	902	739			1220	902	739		
"	3 H	"	1289	571	443			2578	1142	443		
"	4 G	"	1255	132	105			1255	132	105		
Weir	1 M	36-19-36	953	184	1900							
"	2 D	2-20-36	984	993	1009	41		1937	1954	1009	82	
"	3 L	35-19-36	923	1447	1568			923	1447	1568		
"	4 F	"	923	1109	1201			1881	2259	1201		
"	5 L	"	984	1241	1261			984	1241	1261		
"	6 C	"	953	1392	1461			953	1392	1461		
"	8 D	"	953	1943	2028							
ANDERSON PRICHARD												
Britt	1 F	7-20-37	1348	258	191			1348	258	191		
"	2 C	"	1348	789	585			1348	789	585		
"	3 G	"	1348	890	660			1348	890	660		
"	4 B	"	1348	264	196			1348	264	196		
"	5 K	"	1209	693	573			1209	693	573		
"	6 N	"	1209	711	588			1209	711	588		
"	7 J	"	1209	400	331			1209	400	331		
"	8 O	"	1208	237	196			1208	237	196		
BARNSDALL												
Cooper	1 A	12-20-36	1113	335	301			2238	674	301		
"	2 E	7-20-37	1125	482	432			1125	482	432		

TABLE NO. 6 - CONT'D - MONTHLY

ALL.

COMPANY	LEASE	WELL NO.	S.T.R.	AUGUST		MONTHLY		MONTHLY		MONTHLY		TRANS.		REMARKS
				MONTHLY	PROD.	MCF	GAS	G.O.R.	WATER	METHOD	OIL	MCF	GAS	
State C	CONTINENTAL-CONT'D	4 E	30-19-37	1289		771	598				2543	1531	598	
GULF														
Anderson		1 O	8-20-37	1105		158	143				1105	158	143	
"		2 C	17-20-37	1105		122	110				2210	243	110	
"		3 P	8-20-37	1103		438	397				1103	438	397	
"		4 B	17-20-37	1073		649	605				1073	649	605	
"		5 F	"	1105		1265	1145				1073	649	605	
"		6 A	"	1102		403	366				1102	403	366	
"		7 H	"	1103		459	416				1103	459	416	
"		8 G	"	1103		213	193				1103	213	193	
Gulp		1 C	19-19-37	1136		1179	1038				1136	1179	1038	
"		2 E	"	1106		1204	1089							
"		3 F	"	1107		1533	1385							
"		4 G	"	1106		1993	1800							
"		5 H	"	1106		979	885				2212	1958	885	
"		6 B	"	1109		177	160				2216	365	160	
"		7 A	"	1106		615	560				2212	1239	560	
Gulp B		1 J	31-19-37	1117		715	640				2234	1430	640	
"		2 I	"	1061		732	690				1061	732	690	
"		3 P	"	1117		2904	2600							
Graham St. C		1 J	24-19-36	900		1538	1709				1727	741	429	
"		2 B	"	827		355	429							
"		3 G	"	830		929	1119							
"		4 O	"	828		857	1035							
"		5 B	25-19-36	1048		2678	2560							
"		6 O	"	1105		165	149				2153	321	149	
"		7 G	"	890		331	372				1720	640	372	
"		8 J	"	1044		522	500				1874	937	500	
F		1 P	36-19-36	1137		420	369				1137	420	369	
"		2 I	"	1106		403	364				1106	403	364	
"		3 J	"	1138		139	122				1138	139	122	
"		4 O	"	1105		465	421				1105	465	421	
G		1 O	17-19-37	1109		569	513				2218	1138	513	
"		2 J	"	1109		3876	3495							
"		3 P	"	1109		2218	2000							
Kutler B		1 M	21-19-37	836		2762	3304		220		1109	2218	2000	220
"		2 E	28-19-38	836		1459	1745		81		1673	559	3304	
"		3 D	"	837		4279	5112				836	1459	1745	81

TABLE NO 6 - CONT'D. MONUMENT

COMPANY	WELL	NO.	S.T.R.	AUGUST MONTHLY PROD.	MONTHLY MCF GAS	G.O.R.	MONTHLY WATER PROD.	METHOD PROD.	OIL	TRANS. MCF GAS	G.O.R.	ALL. WATER BBIS.	REMARKS	
CONTINENTAL-CONF'D														
Sanders on A	1	I	11-20-36	911	8215	4839								
	2	J	"	939	1235	1315			1850	2433	1315			
	3	P	"	968	2528	2612			968	2528	2612			
	4	O	"	938	2320	2473			1905	4711	2473			
	5	N	"	969	2704	2791			969	2704	2791			
	6	M	"	967	2882	2980	156							
"	1	A	14-20-36	970	742	765			2033	1555	765			
	2	B	"	1064	955	898			2064	1853	898			
	3	H	"	1063	2873	2703								
	4	I	"	1000	3385	3385								
	5	L	"	1032	659	639			1940	1240	639			
	6	P	"	969	619	1011			1971	1993	1001			
"	7	G	"	1001	2083	2081			1001	2083	2081			
	8	J	"	1002	3374	3367								
	9	F	"	908	1238	1363	156							
	B	1	A	10-20-36	930	29848	32095	1305						
		2	H	"	902	6923	7675	87		1832	14061	7675	174	
		3	I	"	761	304	400	2175	GL	761	304	400	2175	
4		P	"	732	4642	6342	116		732	4642	6342	116		
B		1	O	14-20-36	420	234	557			839	467	557		
		2	K	"	433	297	686	60		433	297	686	60	
	3	N	"	447	280	626	60		447	280	626	60		
	4	E	"	461	198	430	120		461	198	430	120		
	A	5	L	"	419	492	1175	120						
		1	M	26-19-36	777	30047	38670 M	25		777	30047	38670	25	
2		L	"	54	4445	82319	25		54	4445	82319	25		
3		E	"	268	6452	27043 M	25		268	6452	27043	25		
"		1	M	17-29-37	1150	1595	1035			2175	2251	1035		
		2	N	"	1025	1632	1592							
	3	L	"	1149	2110	1836								
	4	K	"	1147	1148	1001			2296	2298	1001			
	5	G	"	1118	1112	995			2235	2224	995			
	6	B	"	1117	1802	1612								
State C	1	C	30-19-37	1288	746	579			2578	1493	579			
	2	D	"	1290	2174	1685								
	3	F	"	1254	2902	2314								

Shut in

TABLE NO 6. CONT'D - MONUMENT

COMPANY LEASE	WELL NO.	S.T.R.	MONTHLY AUGUST PROD.	MONTHLY MCF GAS	G.O.R.	MONTHLY WATER PROD.	METHOD USED.	OIL	TRANS MCF GAS	G.O.R.	ALL WATER BBL.	REMARKS
OHIO-CONT'D												
Laughlin	1 E	9-20-37	1075	3153	2933							
	2 F	"	1043	2362	2265	2118		4797	2265			
	3 G	"	950	2837	2986							
	4 H	"	980	468	478	1930		923	478			
St. Elliott	1 J	30-19-37	1120	1468	1311							
	2 I	"	1089	1927	1770							
	3 O	"	1120	1296	1157	2209	2256	1157				
	4 P	"	1119	962	860	2239	1926	860				
St. Hansen	1 B	16-20-37	1065	685	643	1065	685	643				
	2 G	"	1065	719	675	1065	719	675				
	3 A	"	1065	294	276	2027	559	276				
	4 H	"	972	2955	3040							
PHILLIPS												
Hobbs	1 K	18-20-37	809	520	643	809	520	643				
	2 L	"	940	362	385	940	362	385				
	3 M	"	835	505	605	835	505	605				
	4 N	"	862	380	441	862	380	441				
Mexico	1 A	"	1191	524	440	1191	524	440				
	2 G	"	1190	407	342	1190	407	342				
	3 H	"	1191	485	407	1191	485	407				
	REFOLLO											
Barber	1 H	7-20-37	1116	1050	941	2232	2100	941				
	2 A	"	1116	3505	3141							
	3 L	8-20-37	1116	1052	943	1893	1785	943				
	4 D	"	775	6371	8221							
	5 P	7-20-37	1147	1071	934	1147	1071	934				
	6 I	"	1129	1104	978	1129	1104	978				
	7 E	8-20-37	1085	1084	999	1085	1084	999				
	8 L	11-20-37	1024	1659	1620	2116	3423	1620				
W.P. Byrd	1 L	"	1023	1700	1662	1023	1700	1662				
	2 D	"	992	8055	8120							
	3 K	"	1023	1689	1651	1023	1689	1651				
	4 F	"	1023	1680	1642							
	5 E	"	1023	1670	1632							
	6 L	"	1023	1670	1632							
	7 M	31-19-37	1118	861	770	1118	861	770				
	8 N	"	1150	874	760	1150	874	760				
Phillips A	1 K	"	1117	854	765	1117	854	765				

MONUMENT TABLE NO. 6 - CONT'D

COMPANY	LEASE	WELL NO.	S.T.R.	AUGUST MONTHLY PROD.	MONTHLY MCF GAS	G.O.R.	MONTHLY WATER PROD.	METHOD PROD.	OIL	TRANS. MCF GAS	G.O.R.	ALL. WATER BBL'S.	REMARKS
GULF-COAST'D													
Kutter C		1 H	18-19-37	1147	717	625			2263	1414	625	-	
"		2 G	"	1116	4043	3623							
"		3 F	"	839	1874	2234							
"		4 H	"	839	935	1114			1678	1869	1114		
Worham		1 O	6-20-37	1116	519	465			2139	1023	465		
"		2 J	"	1084	949	875			1084	949	875		
"		3 P	"	1083	4711	4350	64						
"		4 I	"	837	314	375	99	GL	837	314	375	99	
"		1 G	8-20-37	1087	33404	30730							
"		2 B	"	165	846 M	5125	27		165	846	5125	27	
"		3 F	"	1116	3562	3192	114		2203	7032	3192	228	
Williams		1 J	29-19-37	838	1187	1416	71		838	1187	1416	71	
"		2 O	"	838	1216	1451			838	1216	1451		
"		3 P	"	837	905	1081			837	905	1081		
HUMBLE													
Langhlin		1 G	4-20-37	932	2832	3040			1740	592	3040		
"		2 M	"	1118	3706	3320			1118	3706	3320		
"		3 N	"	1119	3815	3408			1119	3815	3408		
"		4 O	"	870	2905	3340			870	2905	3340		
"		5 J	"	808	4360	5400							
State F		1 K	18-20-37	1106	3455	3123			1475	4606	3123		
"		2 N	"	1014	3035	2990			1843	5511	2990		
"		3 L	"	829	3311	4000							
"		4 M	"	369	2435	6595							
B. H. NOLEN													
Cooper		1 A	4-20-37	1108	593	635			1108	593	635		
"		2 D	"	1021	612	600			1021	612	600		
"		3 E	"	1013	612	600			1013	612	600		
OHIO													
Barber		1 W	32-19-37	994	4799	4828	4		994	4799	4828	4	
"		2 C	5-20-37	1087	4991	3592	3		1087	4991	3592	3	
"		3 N	32-19-37	1118	5134	4592	59		1118	5134	4592	59	
"		4 K	5-20-37	1149	5344	4651	3447		1149	5344	4651	3447	
"		5 D	"	1025	4714	4599			1025	4714	4599		
"		6 L	"	1056	5332	5049	44		1056	5332	5049	44	
"		7 F	"	1148	5813	5064			1148	5813	5064		
"		8 E	"	1118	5075	4539	59		1118	5075	4539	59	

MONUMENT - TABLE NO. 6 CONT'D

COMPANY LEASE	WELL NO.	S.T.R.	AUGUST		MONTHLY		METHOD USED	MONTHLY		OIL GAS	TRANS.		REMARKS	
			MONTHLY PROD.	GAS	MONTHLY MCF	MONTHLY PROD.		G.O.R.	WATER PROD.		MCF	G.O.R.		ALL WATER BBLs
SUN-CONT'D														
Maveety	3	H	35-19-36	868	2890	3330	3330	19	1437	474	3330	38		
"	4	J	"	992	2455	2475	2475	61	1208	2990	2475	122		
"	5	G	"	569	28735	50500								
"	6	B	"	214 M	1126	5260								
Superior St.	1	A	2-20-36	971	2541	2617	2617		971	2541	2617			
"	2	B	"	1003	2618	2610	2610		1003	2618	2610			
"	3	H	"	1003	2618	2610	2610		1003	2618	2610			
"	4	G	"	971	2541	2617	2617		971	2541	2617			
TEXAS														
Cooper	1	B	5-20-37	1296	1104	882	882		1296	1104	882			
"	2	A	"	1297	1097	846	846		1297	1097	846			
"	3	G	"	1298	1088	838	838		1298	1088	838			
"	4	H	"	1296	1116	861	861		1296	1116	861			
Mattern	1	L	20-19-37	962	912	948	948		962	912	948			
"	2	M	"	957	1107	1157	1157		957	1107	1157			
"	3	N	"	969	1098	1133	1133		969	1098	1133			
"	4	K	"	974	982	1008	1008		974	982	1008	41		
Phillips	1	D	6-20-37	1192	702	589	589	37	1192	702	589	37		
"	2	C	"	1193	712	597	597		1193	712	597			
"	3	E	"	1192	685	575	575		1192	685	575			
"	4	F	"	1192	776	651	651		1192	776	651			
Saunders	1	N	18-19-37	1103	1219	1105	1105		1103	1219	1105			
"	2	O	"	1133	1589	1402	1402		1133	1589	1402			
"	3	J	"	1064	1356	1274	1274		1064	1356	1274			
"	4	K	"	1102	1181	1072	1072		1102	1181	1072			
State E	1	M	1-20-36	1046	523	500	500		1046	523	500			
"	2	L	"	1046	542	518	518	44	1046	542	518	44		
"	3	N	"	1047	554	529	529		1047	554	529			
"	4	K	"	1047	547	522	522		1047	547	522			
State H	5	A	20-20-37	1223	1608	1312	1312		1223	1608	1312			
"	6	B	"	1226	1399	1141	1141		1226	1399	1141			
"	7	C	"	1318	1423	1080	1080		1226	1399	1141			
"	11	D	"	845	1329	1573	1573		2163	2336	1080			
TIDEWATER														
State J	1	E	17-19-37	1116	1479	1325	1325							
"	2	D	"	1147	865	754	754		2263	1706	754			
"	3	F	"	837	1272	1520	1520	83						

TABLE NO. 6 CONT'D - MOURMANT

COMPANY LEASE	WELL NO.	S.T.R.	AUGUST		MONTHLY		METHOD USED	TRANS,		ALL. WATER BBL.	REMARKS
			MONTHLY PROD.	MONTHLY MCF	MONTHLY GAS	G.O.R.		WATER PROD.	OIL		
REPOLLO-CONT'D											
Phillips A	4 L	31-19-37	1117	1139	1020			1117	1139	1020	
" B	1 C	"	1108	942	850			1108	942	850	
"	2 D	"	1109	866	781			1109	866	781	
"	3 F	"	954	721	756			954	721	756	
"	4 E	"	1139	849	745			1139	849	745	
SHELL											
Cooper B	1 C	4-20-37	1101	776	705			1101	776	705	
"	2 D	"	1101	528	480			1101	528	480	
"	3 E	"	1101	879	799			1101	879	799	
State B	1 E	36-19-36	1119	1445	1292			1119	1445	1292	
"	2 D	"	1120	1820	1625			1120	1820	1625	
"	3 C	"	1120	1114	995			2240	2229	995	
"	4 F	"	1120	6003	5360						
State E	1 C	13-20-36	1085	369	341			2171	740	341	
"	2 D	"	1085	526	486		192	1085	526	486	192
"	3 F	"	1086	552	510		244	1086	552	510	244
"	4 E	"	1086	1288	1198						
SKELLY											
Van Etten	1 L	9-20-37	1270	394	310			1270	394	310	
"	2 M	"	1270	406	320			1270	406	320	
"	3 N	"	1270	441	347			1270	441	347	
"	4 K	"	1271	435	342			1271	435	342	
"	5 J	"	1270	470	370			1270	470	370	
"	6 O	"	1270	460	362			1270	460	362	
"	7 I	"	1270	433	341			1270	433	341	
"	8 P	"	1271	445	350			1271	445	350	
STANCLIND											
Gilluly A	2 A	24-20-36	1020	5270	5167			1020	5270	5167	
"	4 B	"	516 M	2687	5207			516	2687	5207	
"	9 L	"	946	4698	4966			946	4698	4966	
"	12 D	"	918	4652	5068			918	4652	5068	
" B	2 B	21-20-37	269	4745	17639			388	6844	17639	
"	4 D	22-20-37	119	3923	32970						
"	5 C	"	178	5411	30400			178	5411	30400	
SUN											
Maveety	1 F	35-19-36	837	6319	7550						
"	2 O	"	930	2846	3069			1767	5423	3069	

TABLE NO. 6 - MONUMENT - CONT'D

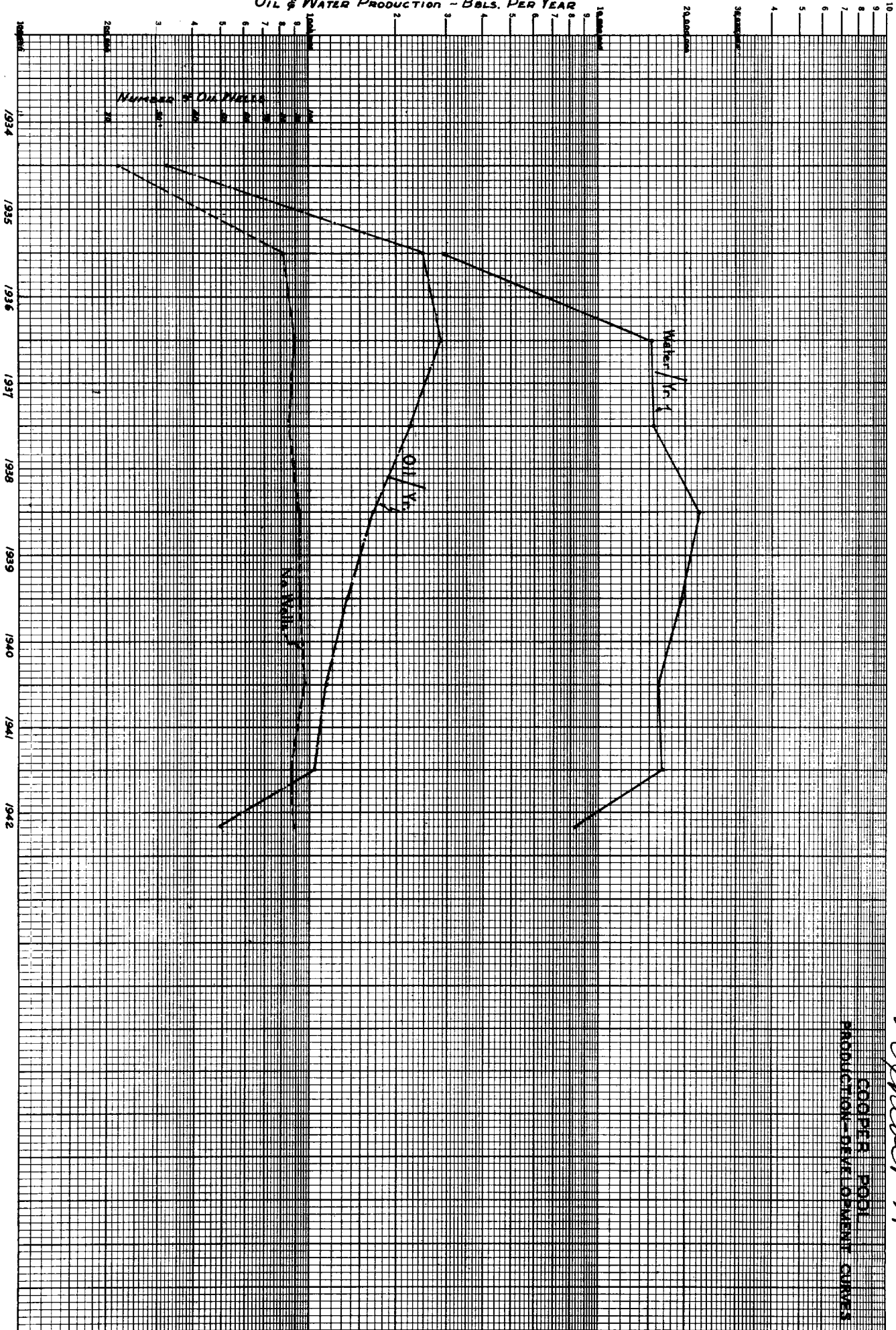
COMPANY LEASE	WELL NO.	S.T.R.	AUGUST		MONTHLY		MONTHLY		METHOD USED	TRANS.		ALL. WATER
			MONTHLY PROD.	MONTHLY MCF	G.O.R.	PROD.	G.O.R.	OIL		GAS		
TIDEWATER-CONT'D												
State J	4 C	17-19-37	959	943	989	1796	1776	989				
			35028	39560	203					38033		122
Grand Total			321216	691967	18871					470936		16078
				470936								
				<u>171031</u>								

$$\frac{171031}{31} = 5517,000 \text{ Cu. Ft./ Day}$$

TABLE NO. 7

[illegible]

OIL & WATER PRODUCTION - BBLs. PER YEAR



COOPER POOL
PRODUCTION-DEVELOPMENT CURVES

Exhibit A D-1

Exhibit A

SOUTH EUNICE FIELD
PRODUCTION GRAPHS

JANUARY, 1937 TO JANUARY, 1942

MONTHLY OIL PRODUCTION IN BARRELS

0
20,000
40,000
60,000
80,000
100,000
120,000
140,000
160,000

900
1000
1100
1200
1300
B.H.P. LBS/SQ. IN.

OIL PRODUCTION

GAS-OIL RATIO

WATER PRODUCTION

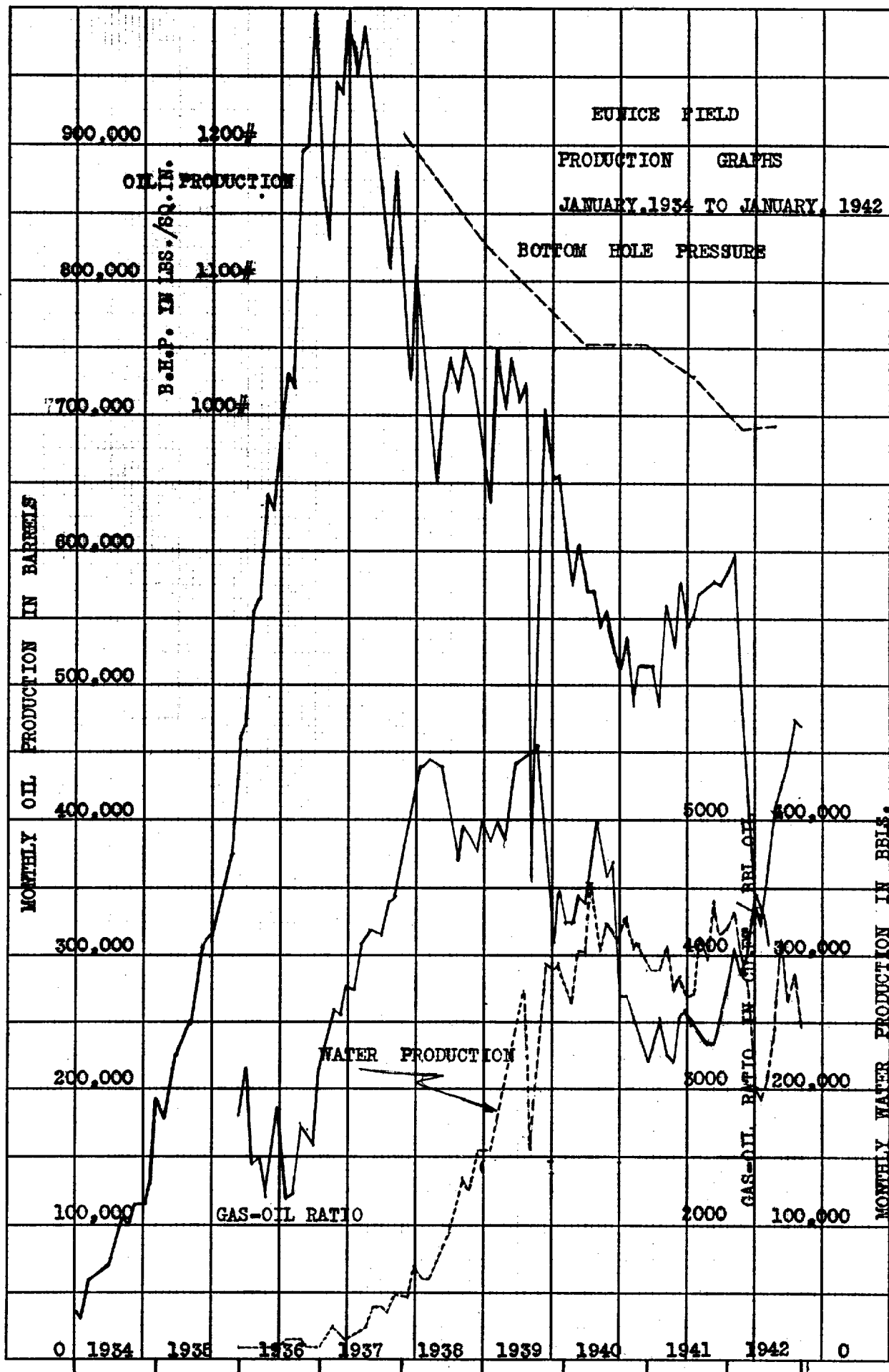
MONTHLY WATER PRODUCTION IN BARRELS

0
10,000
20,000
30,000
40,000
50,000
60,000
0
1,000
2,000
3,000
4,000
5,000
6,000

GAS-OIL RATIO CU. FT. GAS/ BBLs. OIL

1937
1938
1939
1940
1941
1942
1943
1944
1945
1946

Exhibit A



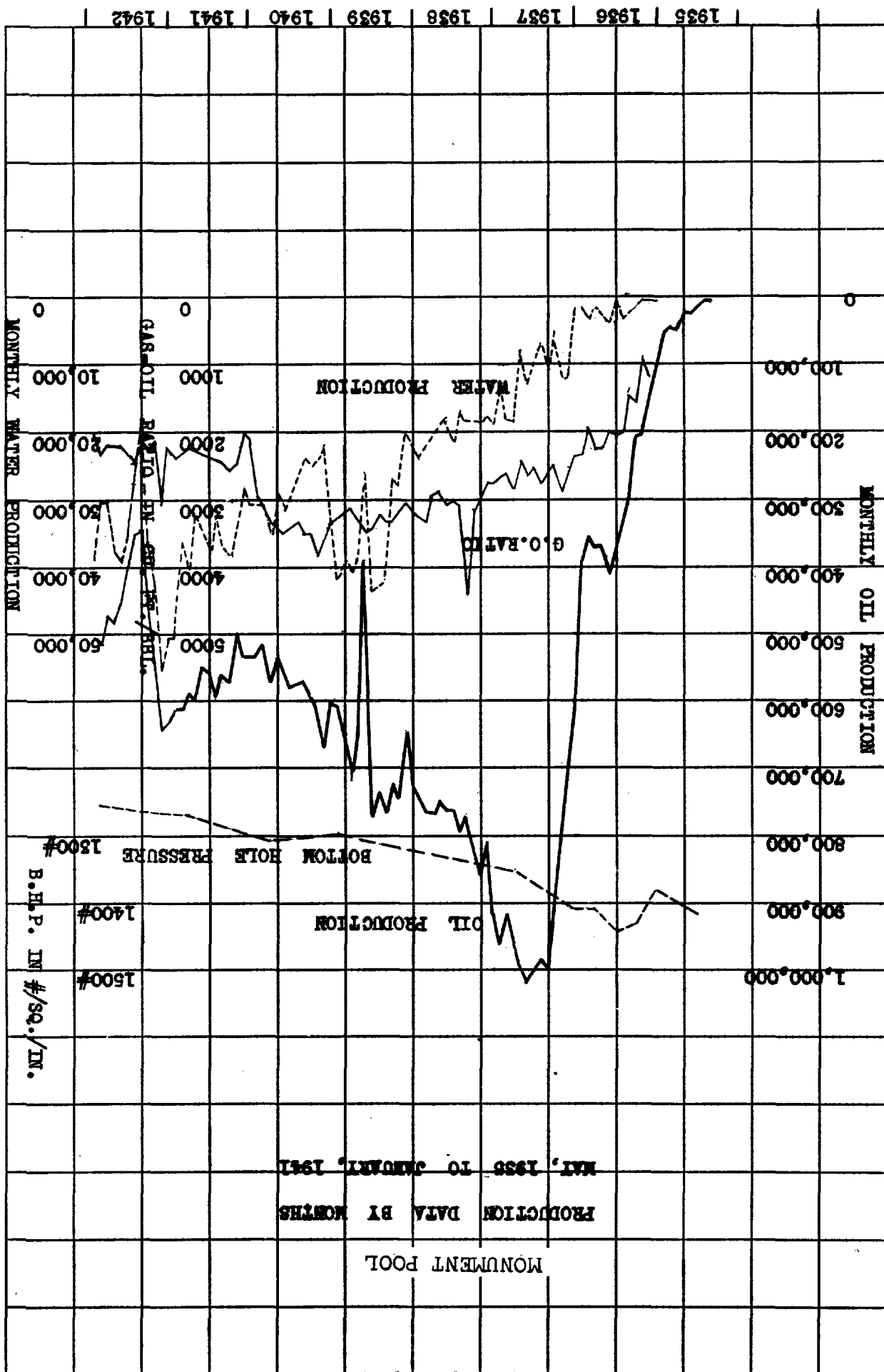
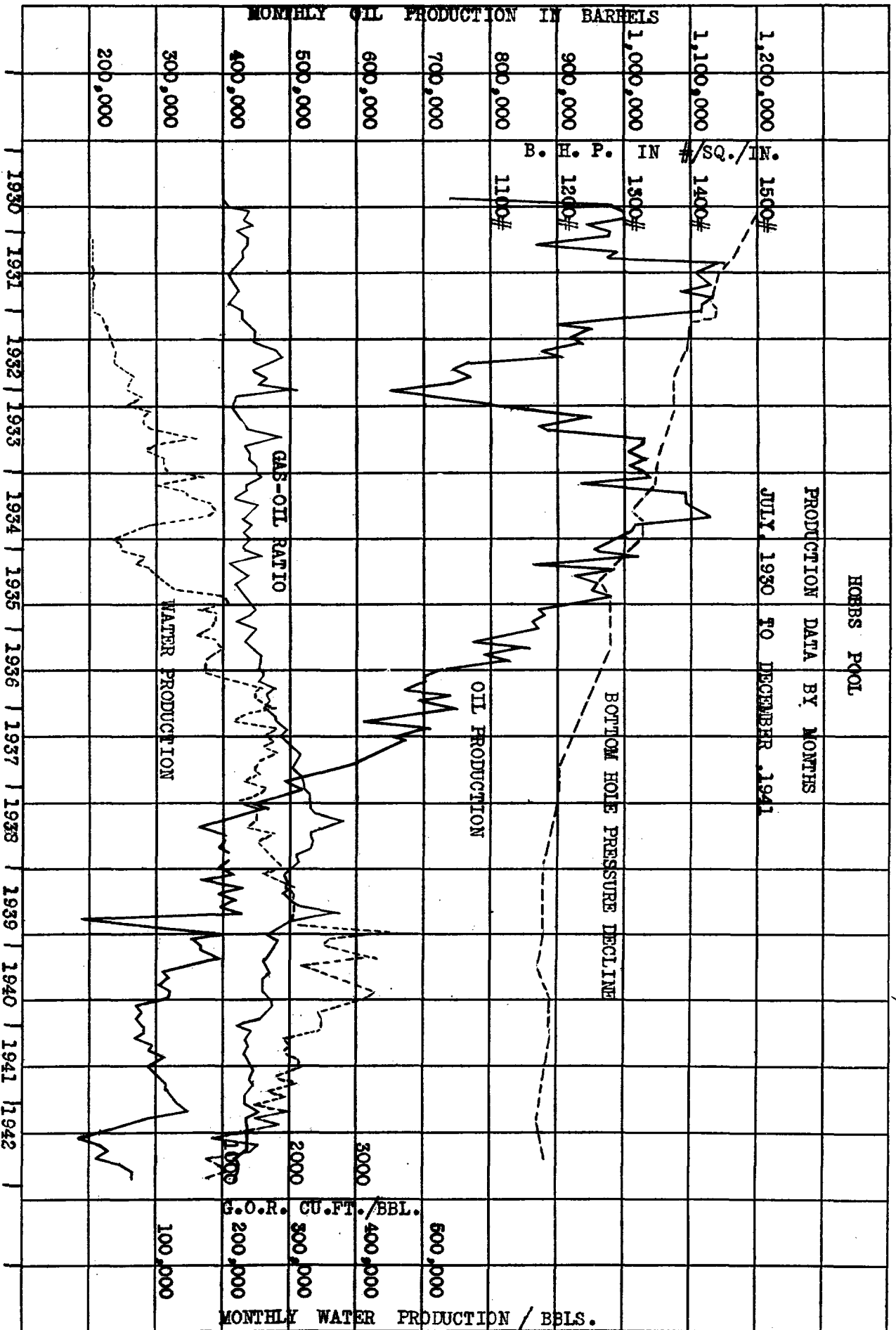


Exhibit A

Exhibit A



OIL & WATER PRODUCTION - BBLs. PER YEAR

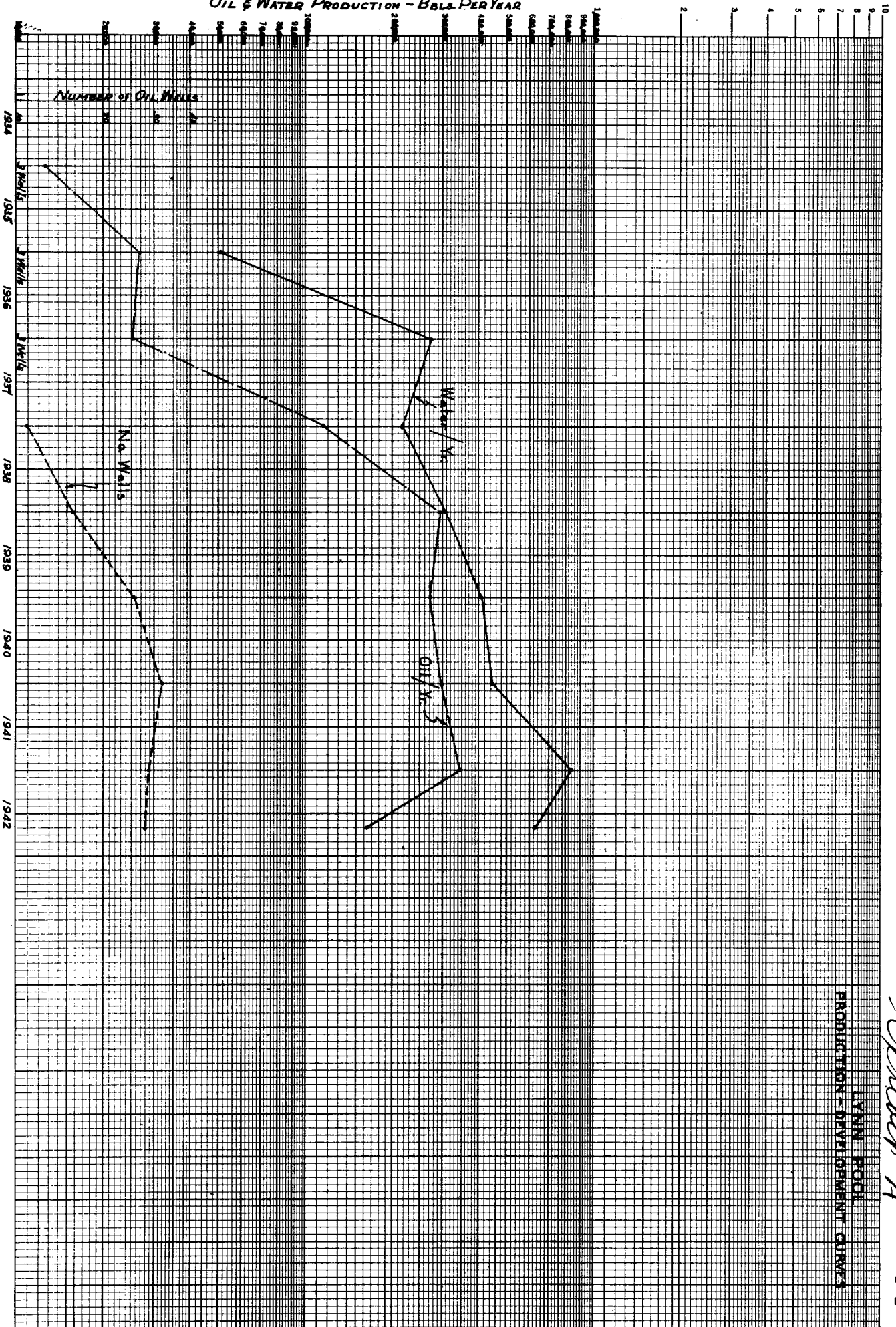


Exhibit A

OIL & WATER PRODUCTION - BBLs. PER YEAR

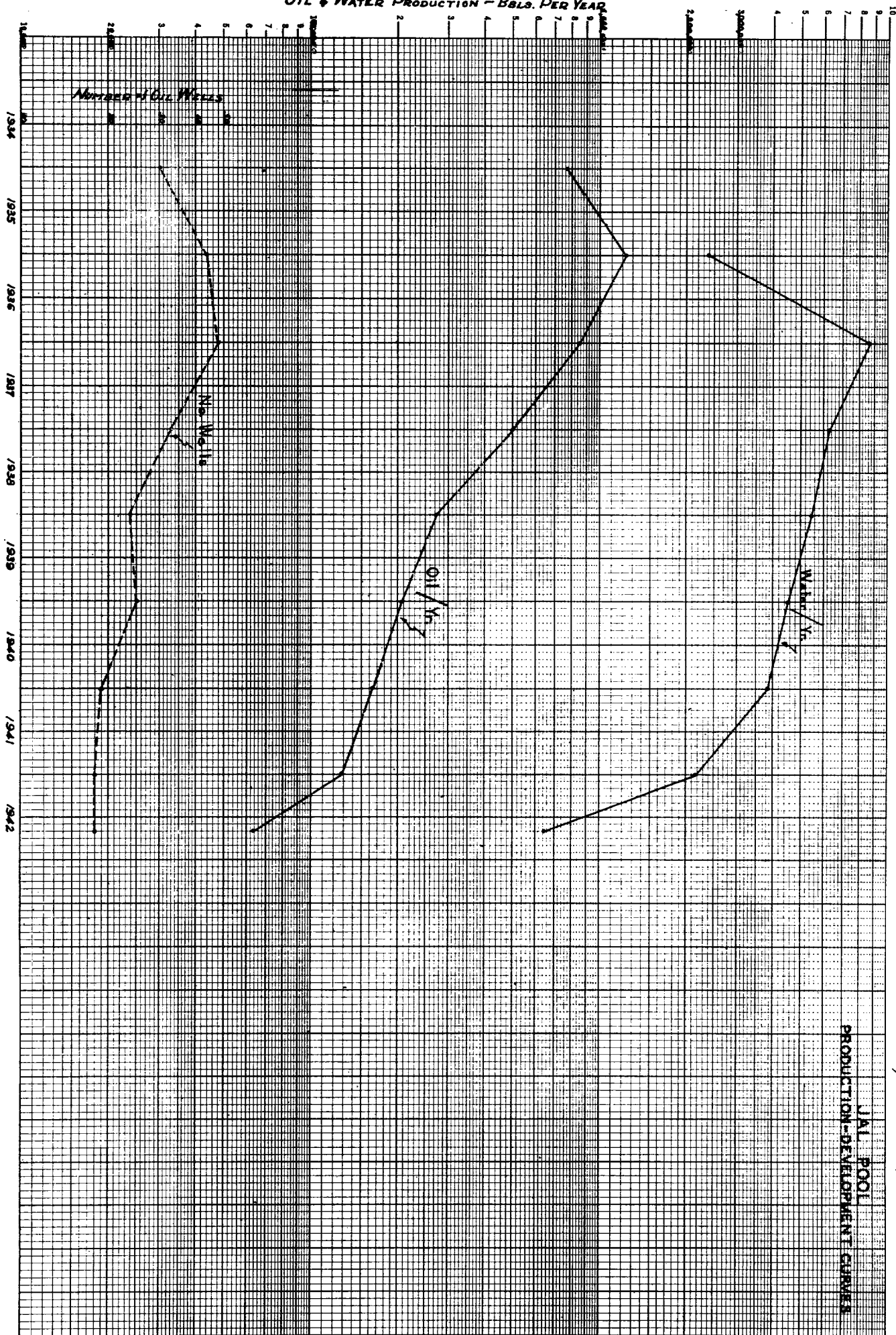


Exhibit A 0-3

OIL & WATER PROD. IN BBL PER YEAR

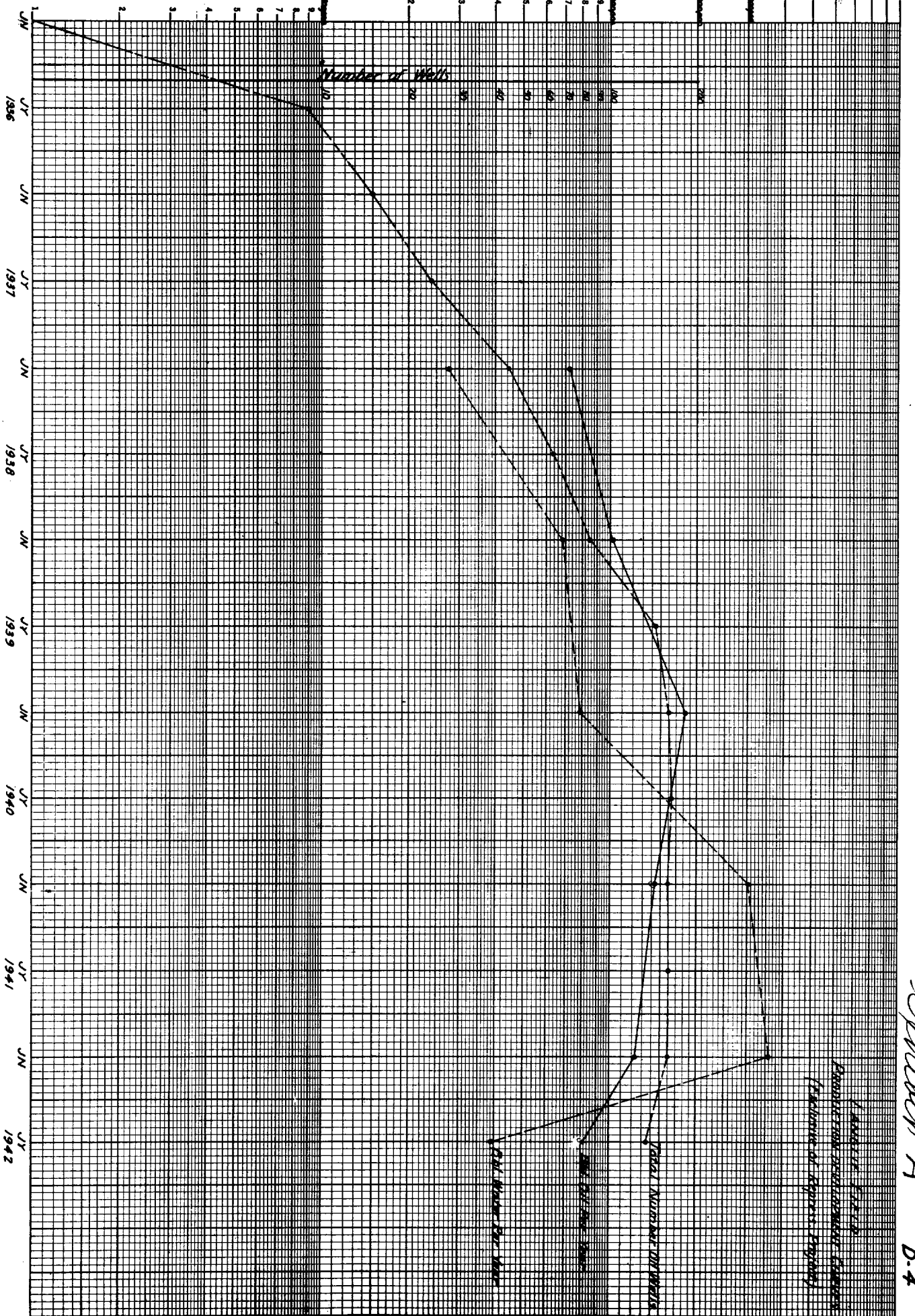


Exhibit A D-4

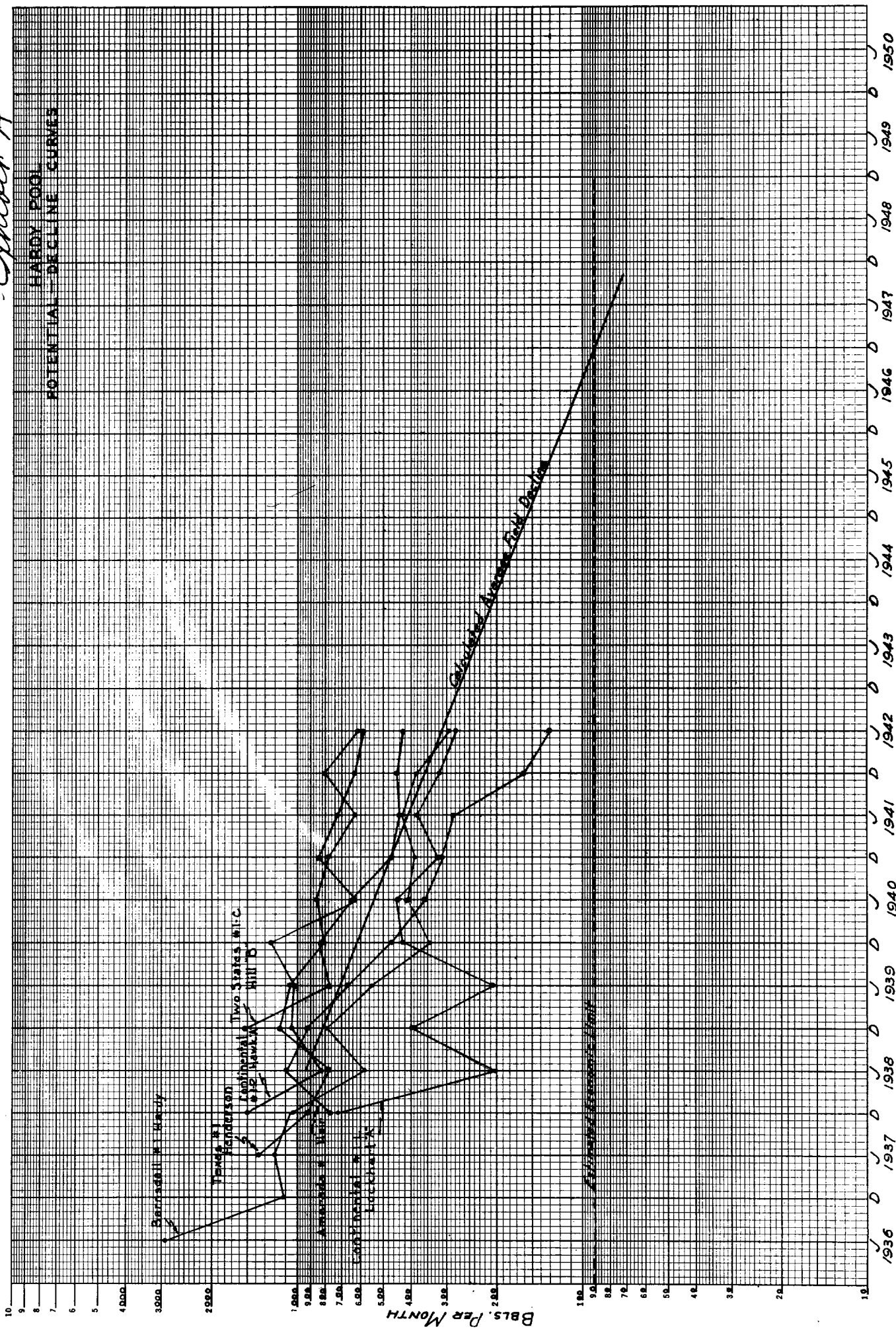


Exhibit A

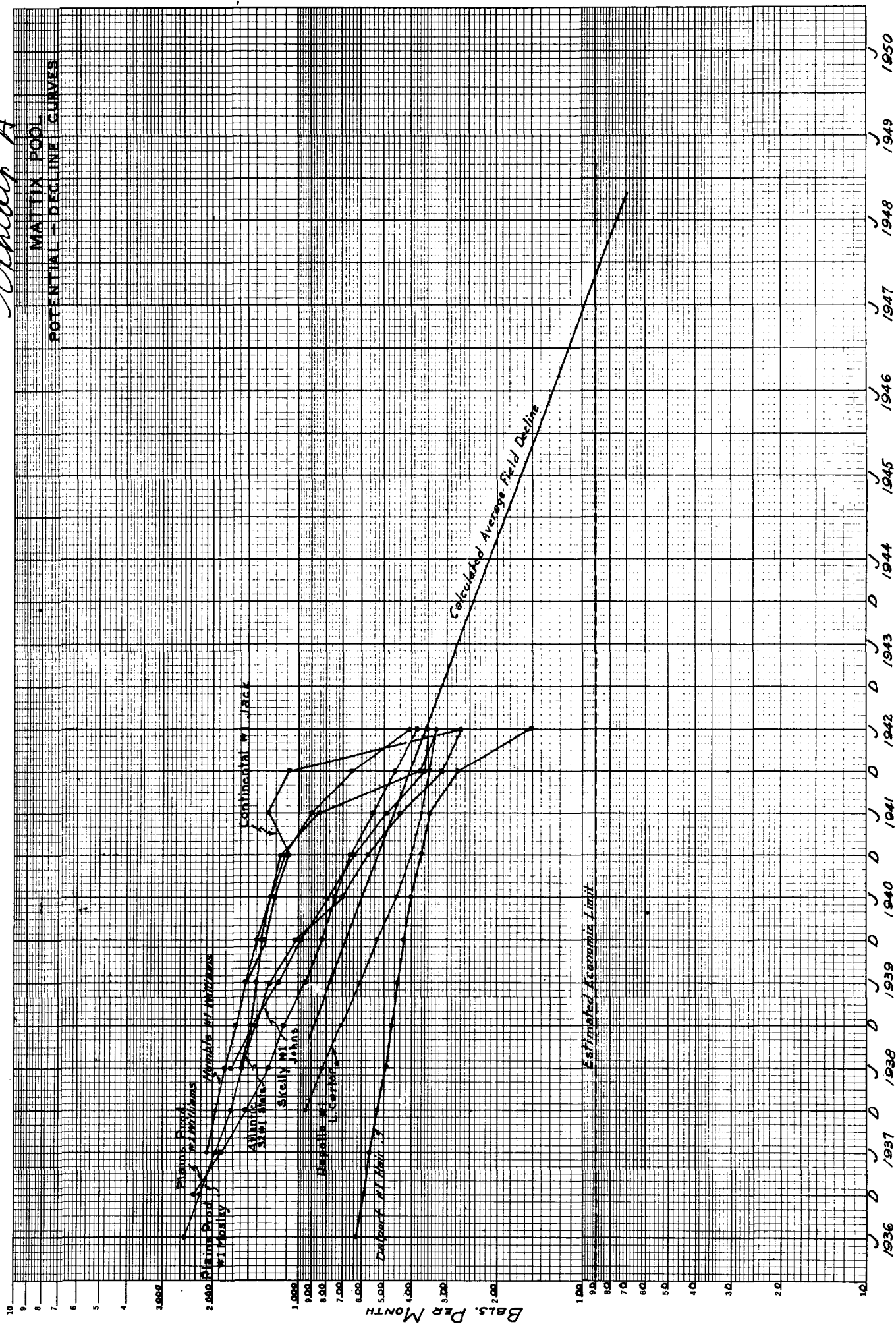


Exhibit A A-3

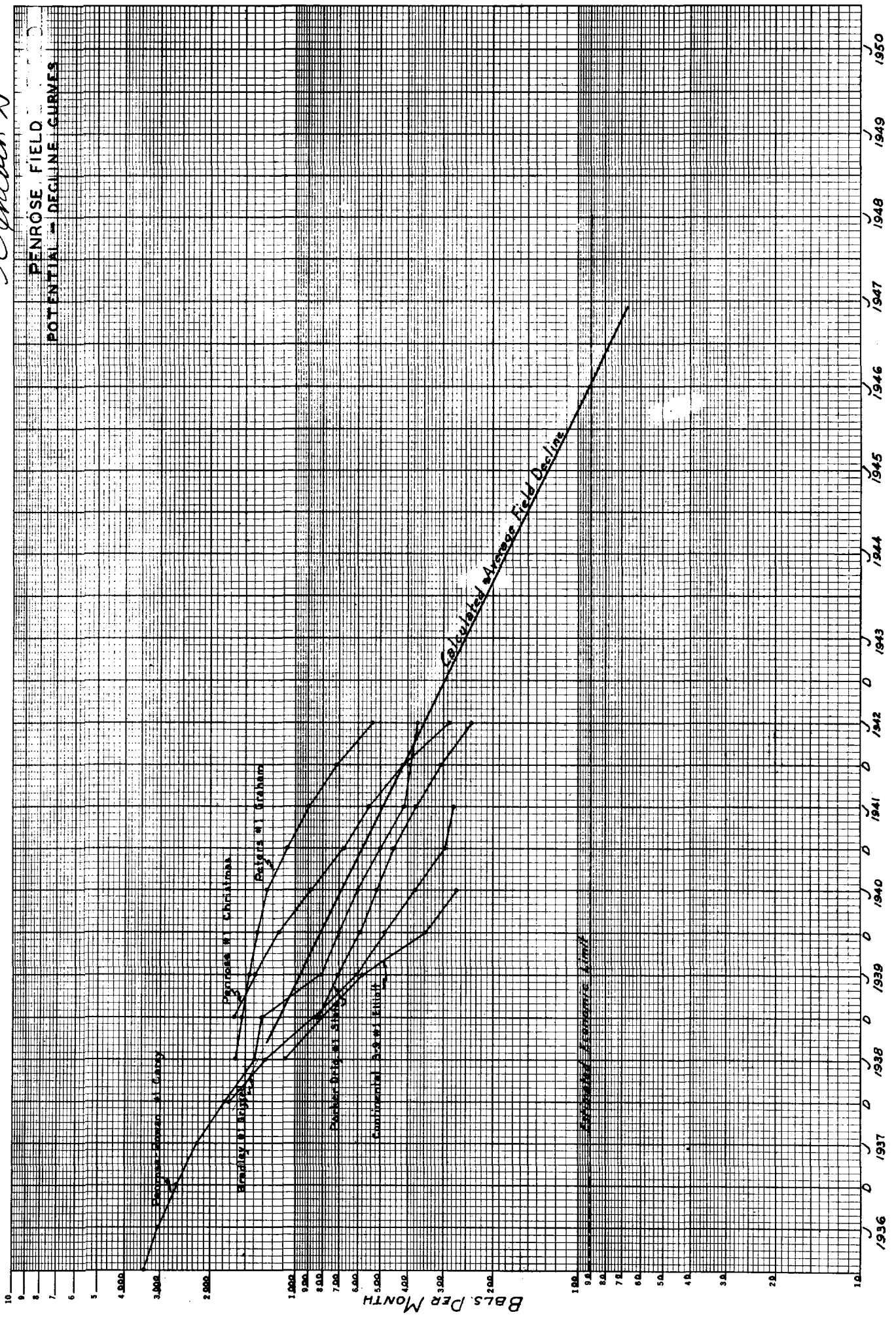


Exhibit A-4

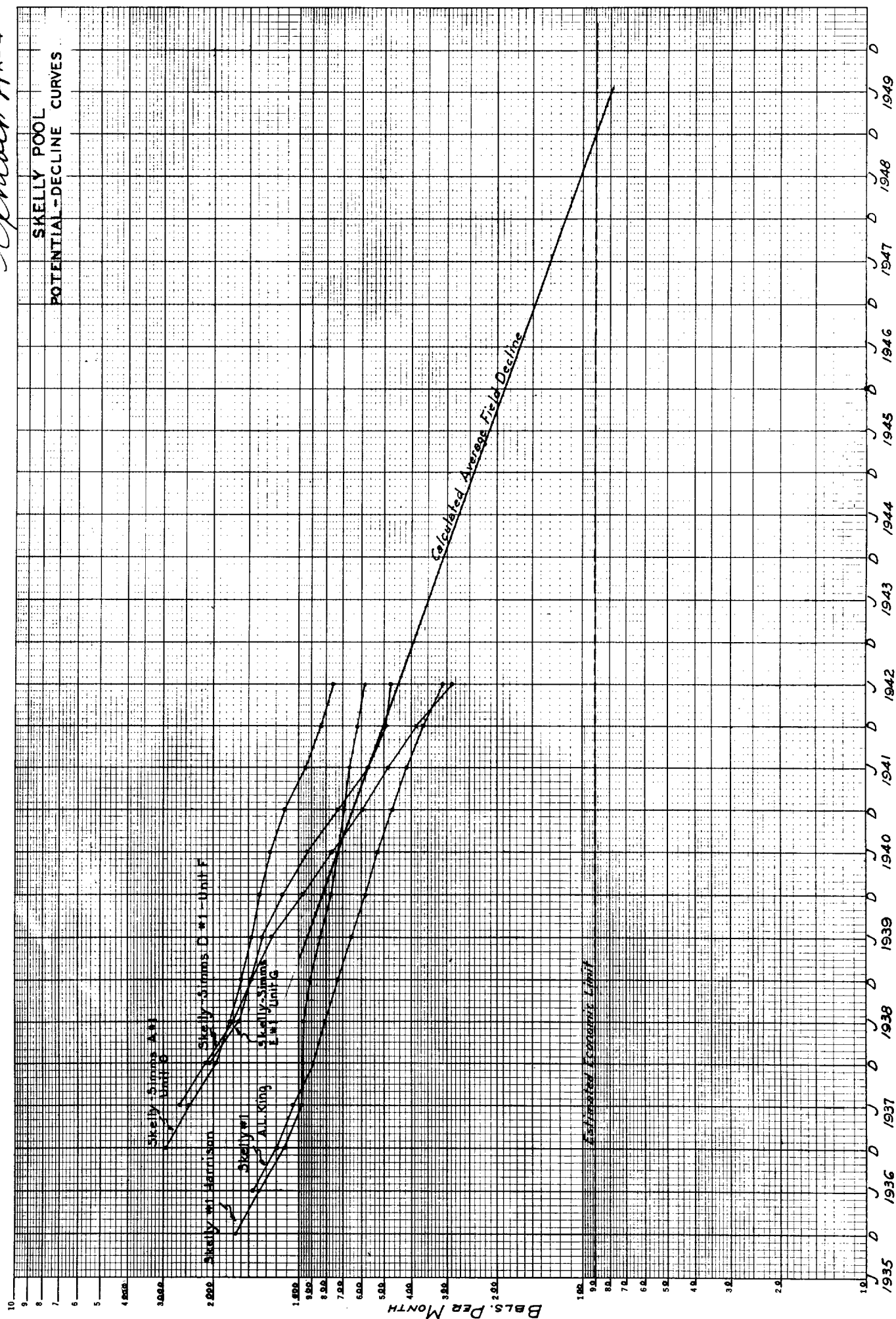


Exhibit A

B-1

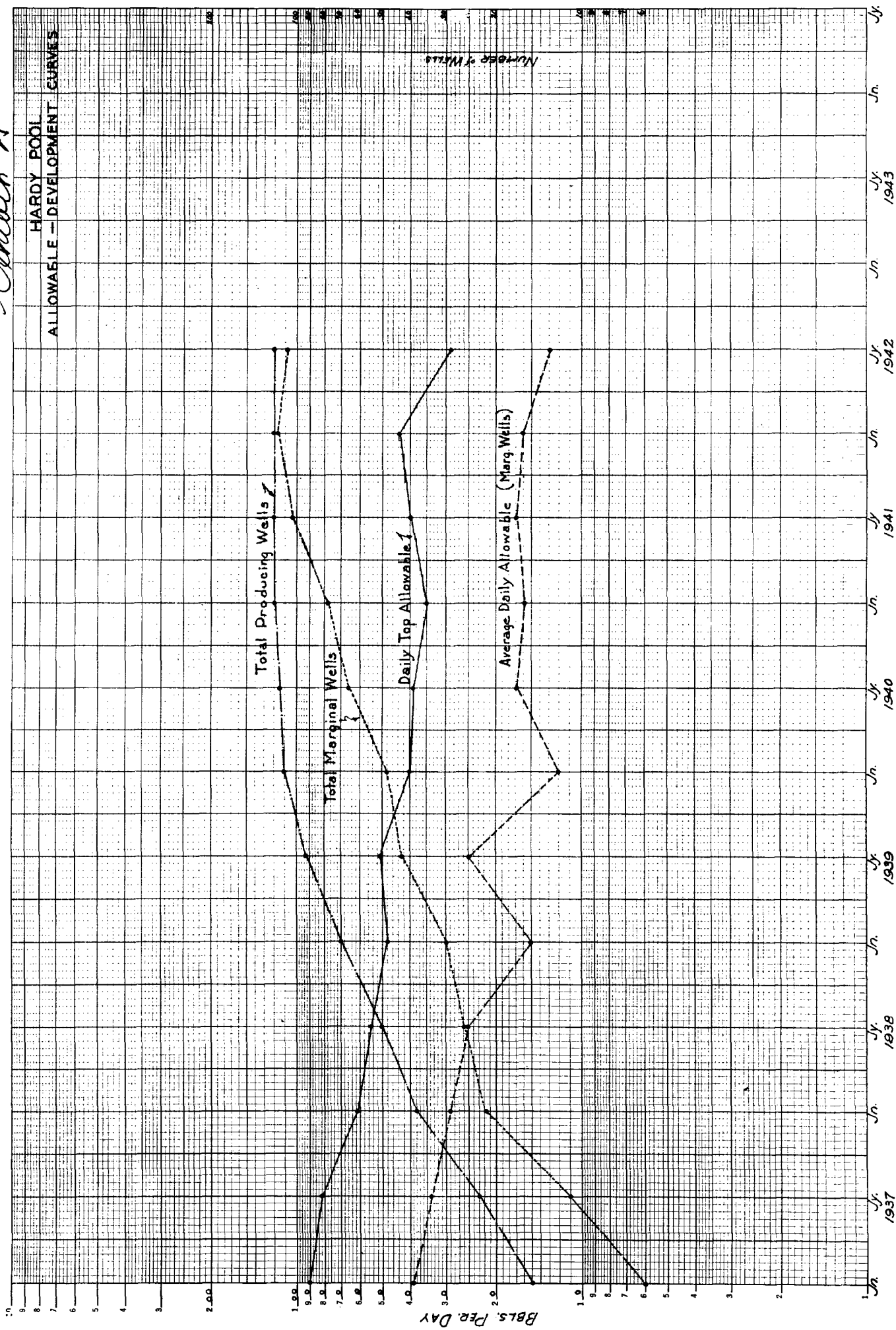


Exhibit A B-2

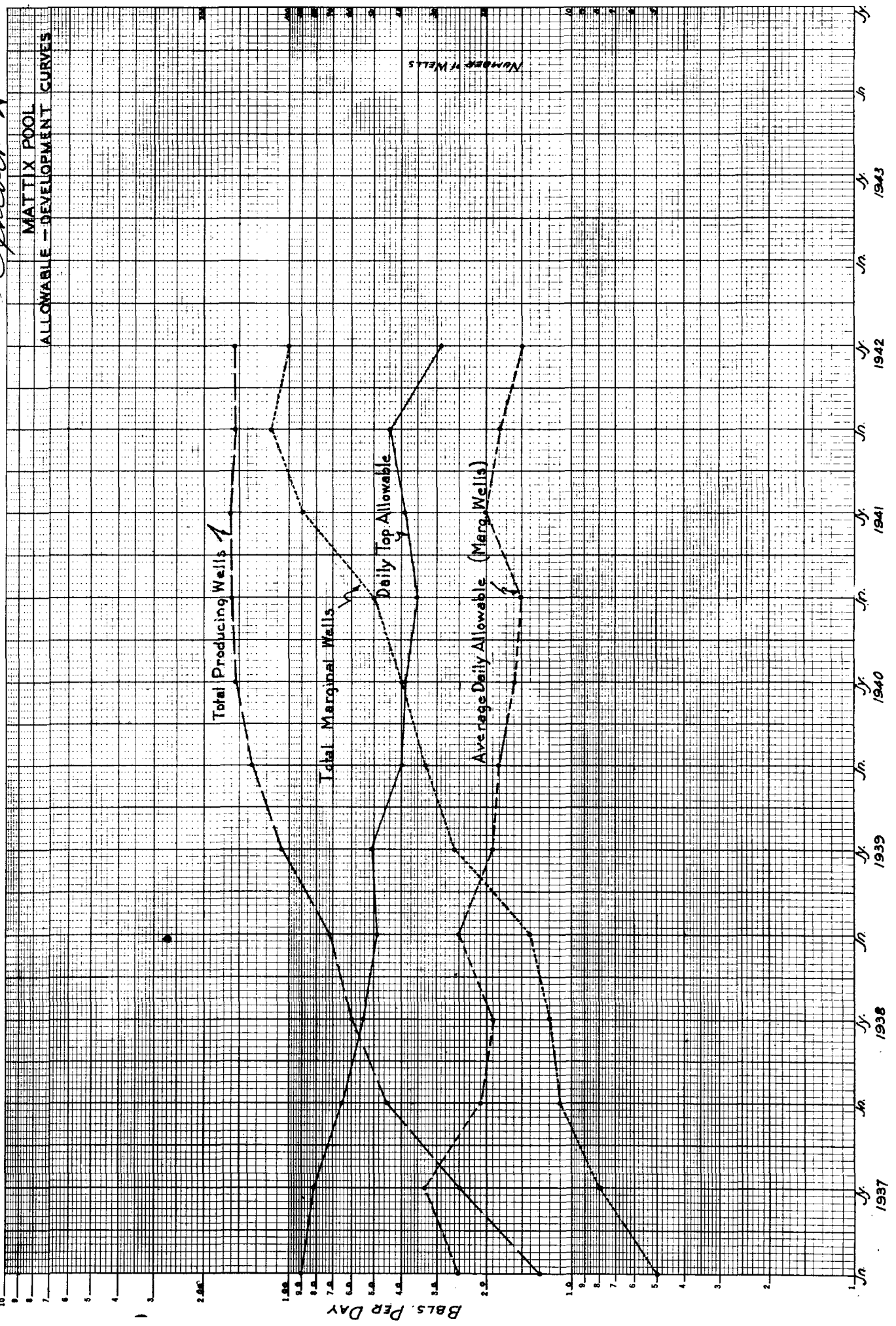
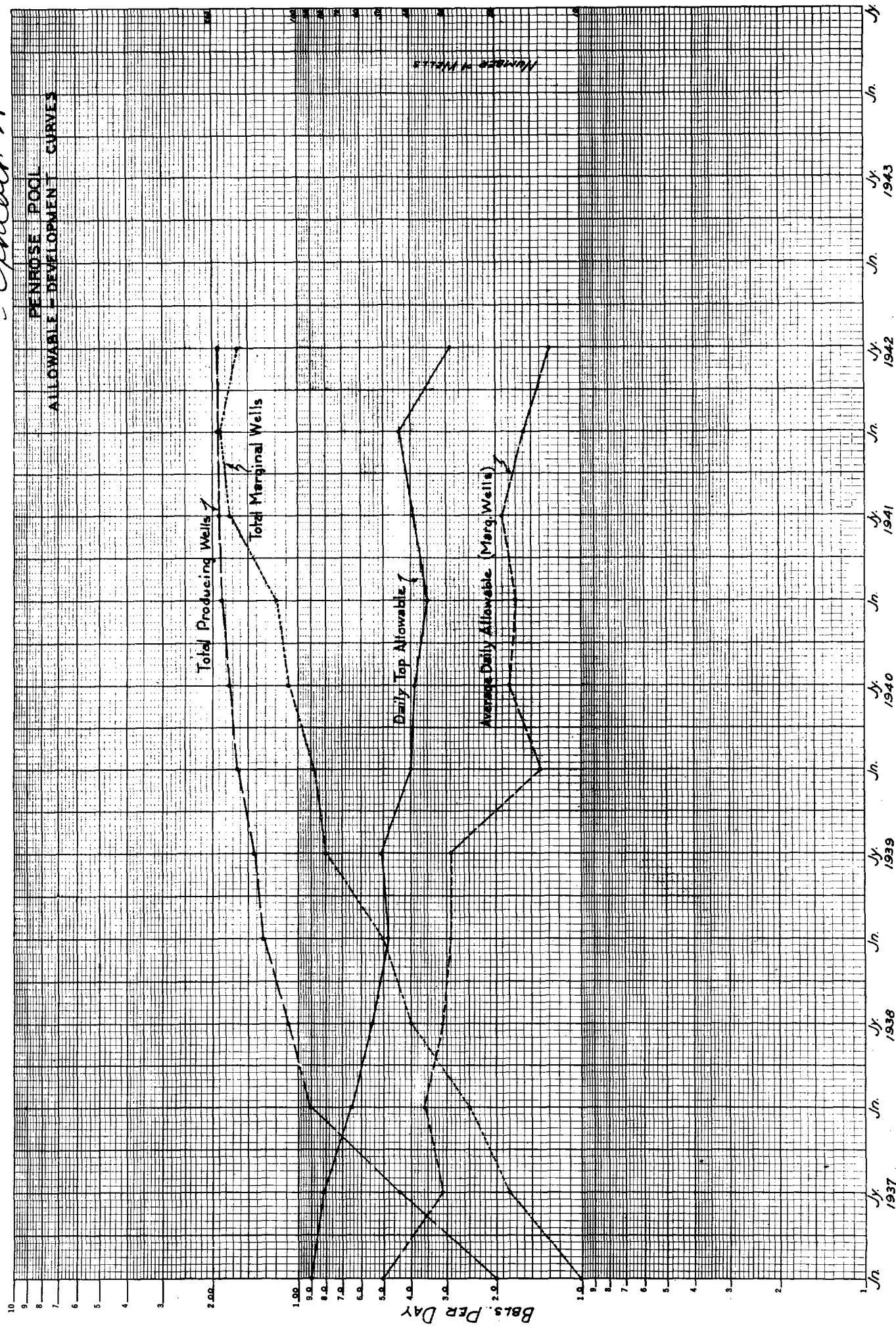


Exhibit A B-3



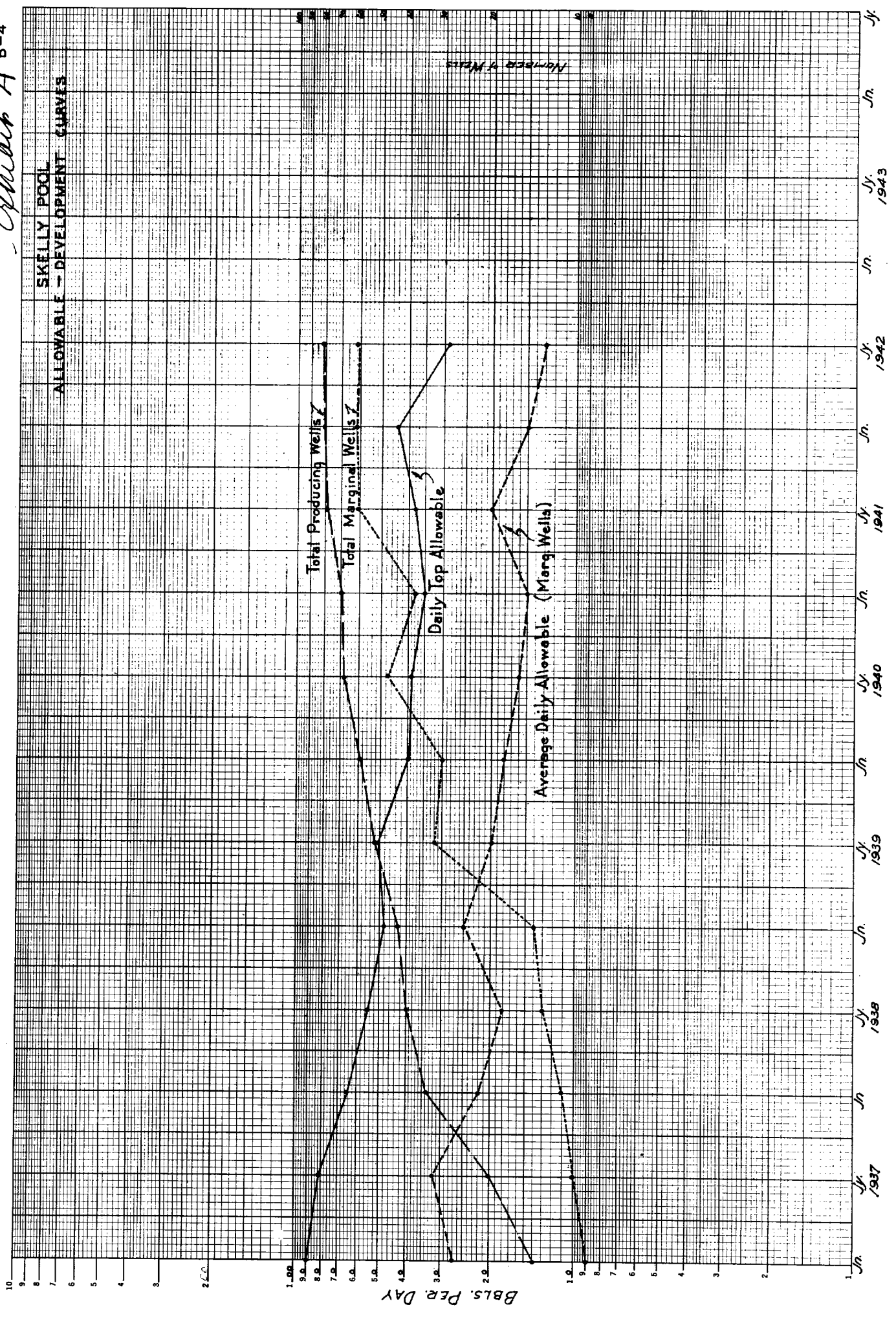


Exhibit A B-5

Summary of
Production of
Oil and Gas Wells

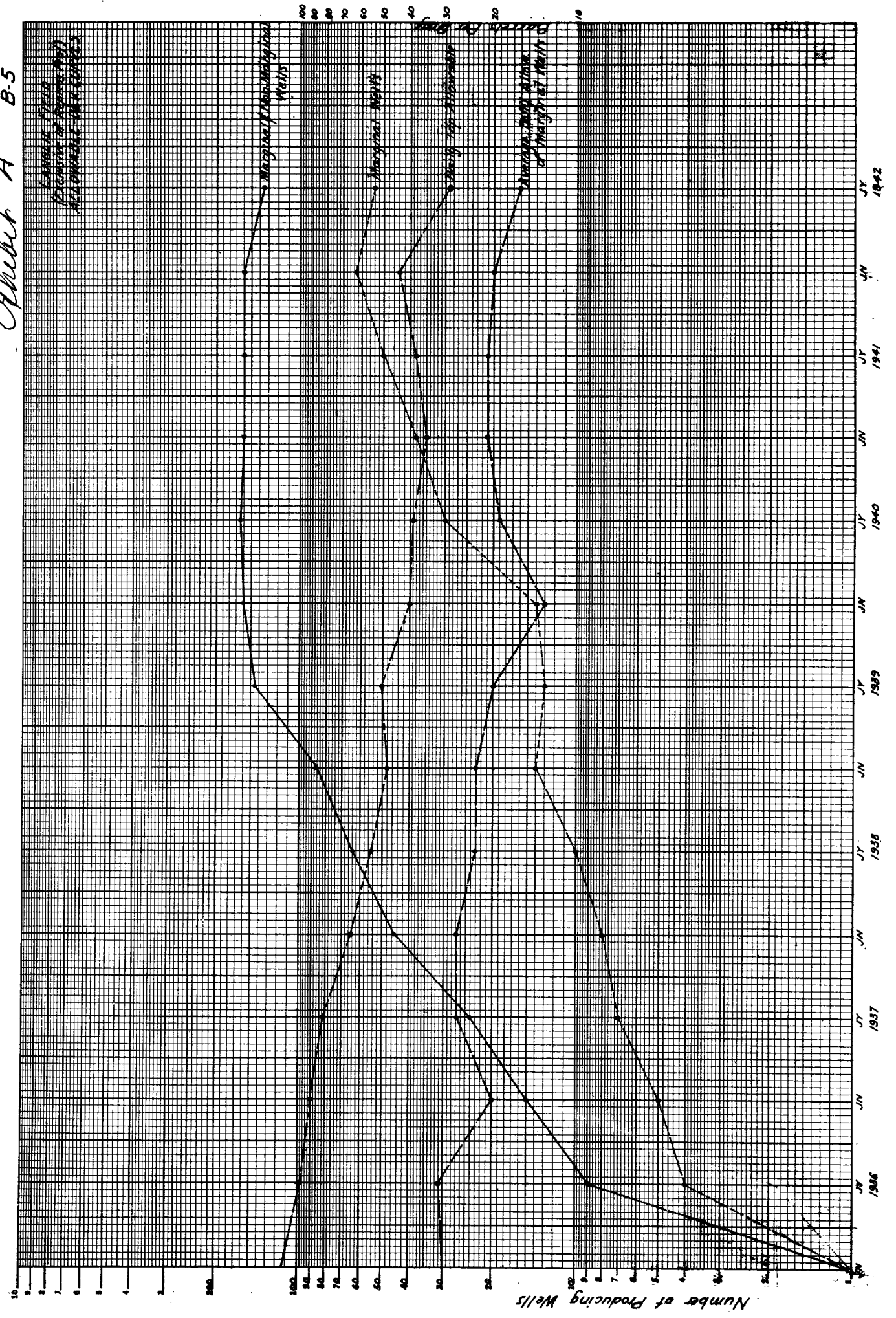


Exhibit "A"

C-1

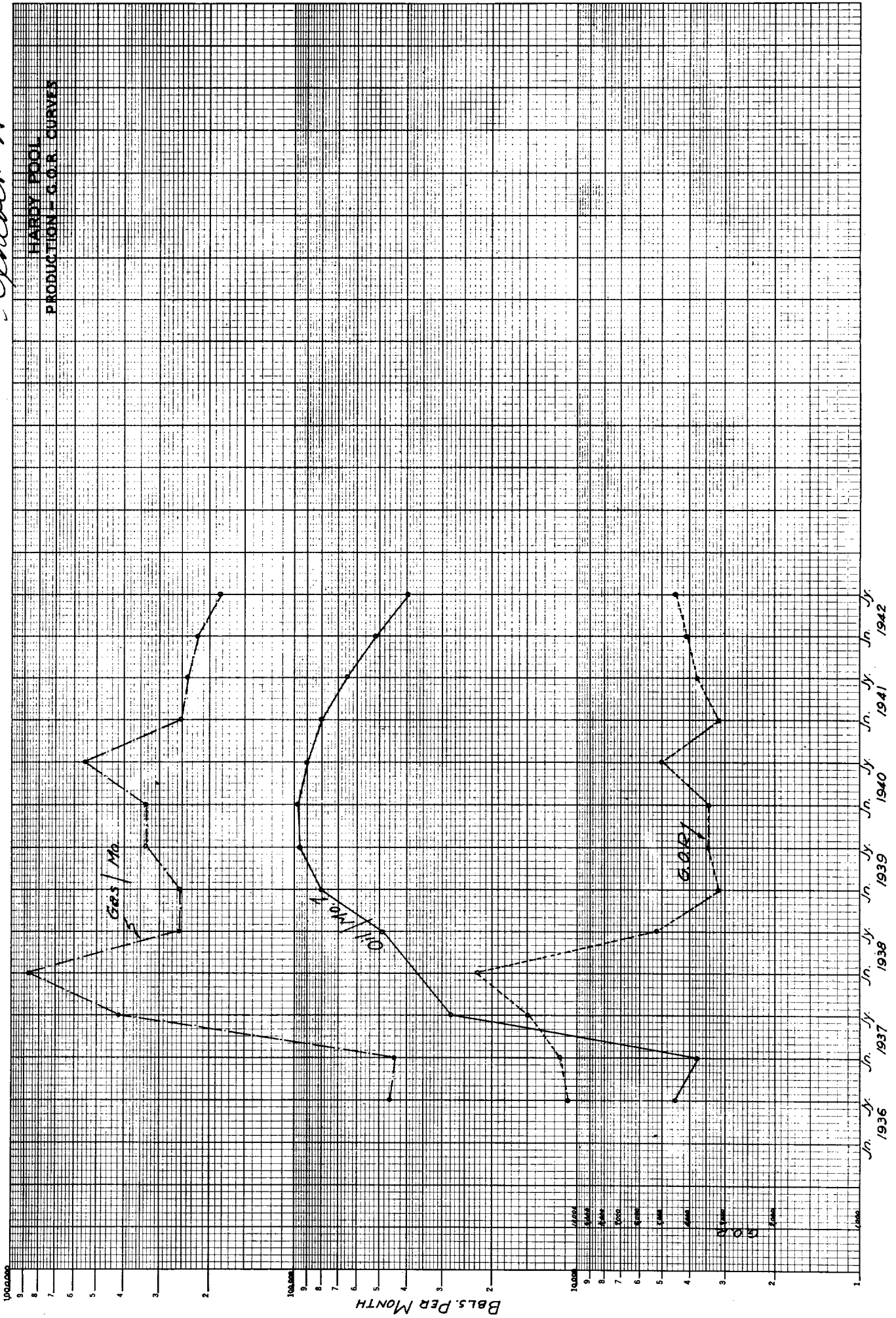
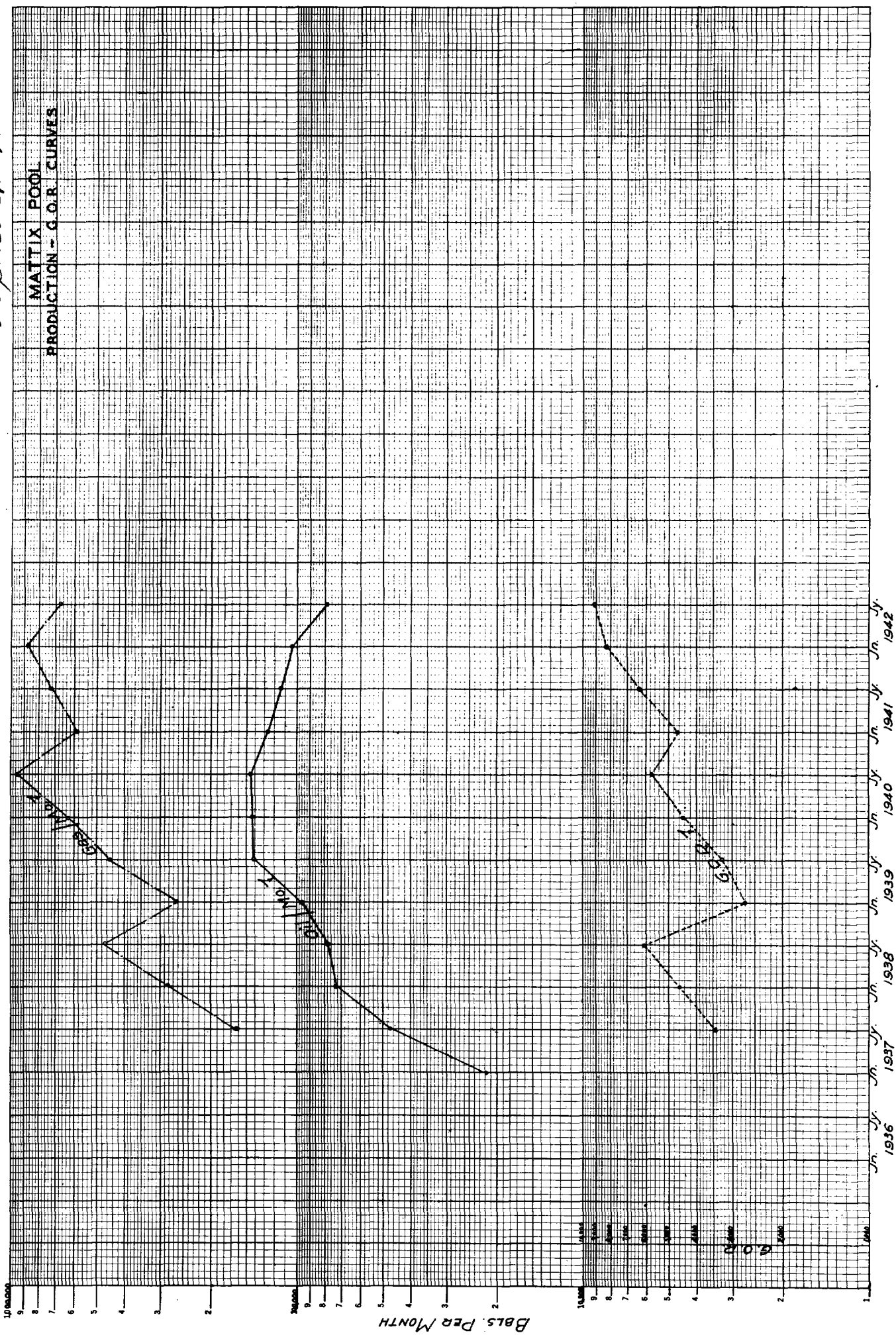


Exhibit A

C-2



PENROSE POOL
PRODUCTION - G.O.R. CURVES

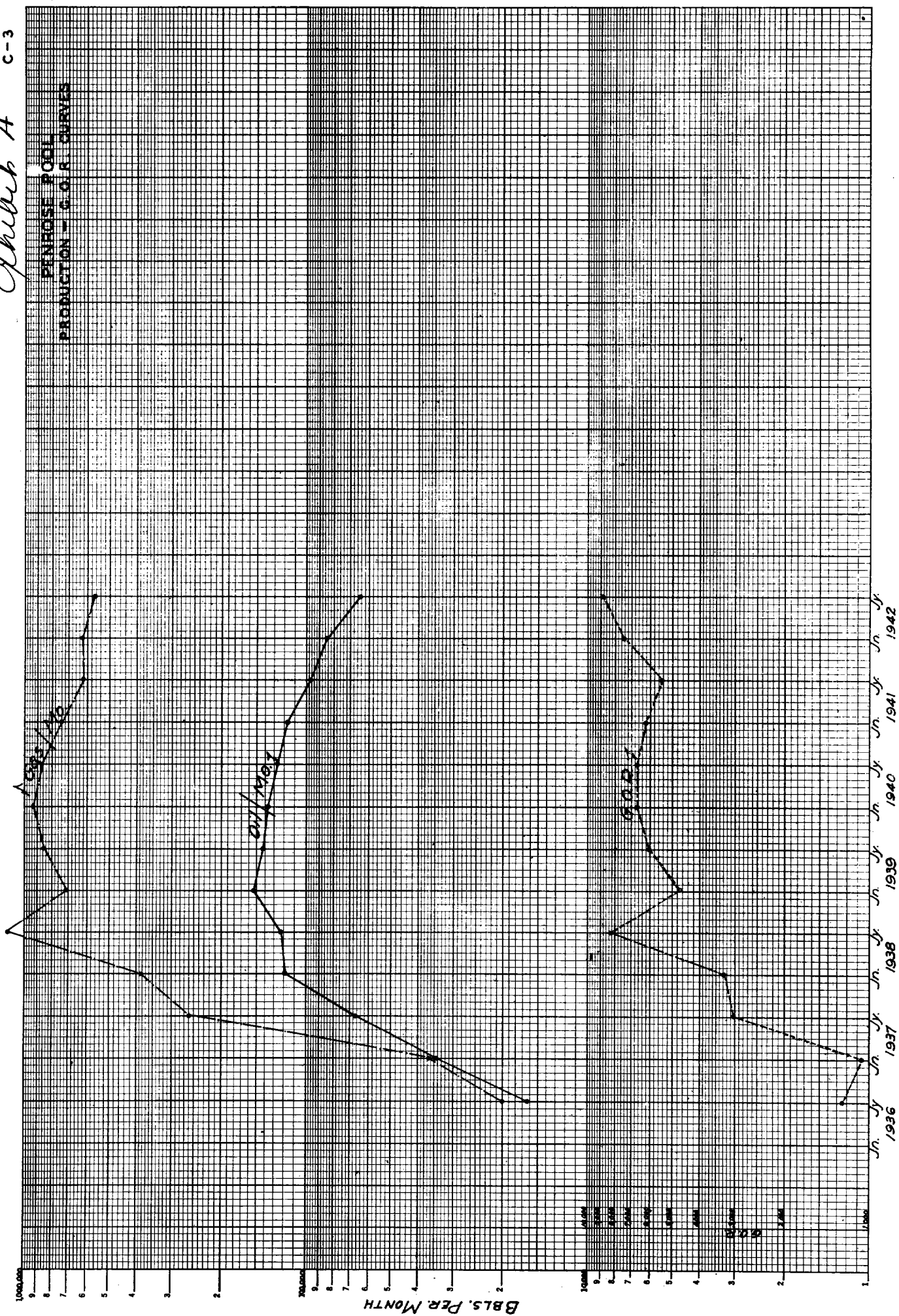


Exhibit A C-4

SKELLY POOL
PRODUCTION - G.O.R. CURVES

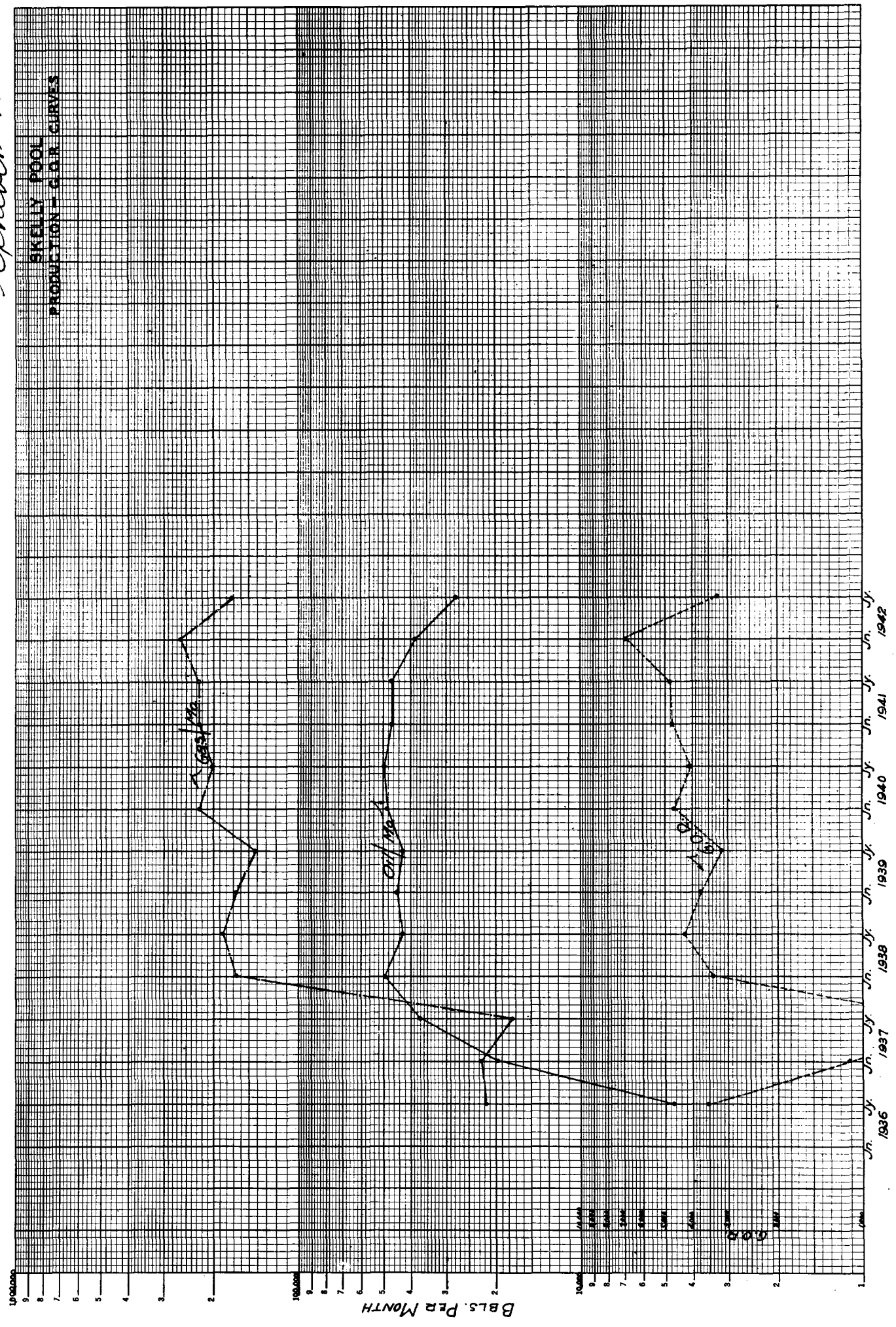


Exhibit A C-5

Continued from
Production 510 R Columns
(Excluding of Western Region)

