

LARGE FORMAT
EXHIBIT HAS
BEEN REMOVED
AND IS LOCATED
IN THE NEXT FILE

GAS-OIL RATIO TEST
ANGELS PEAK GALLUP FIELD
SAN JUAN COUNTY, NEW MEXICO

<u>Operator</u> <u>Lease & Well</u>	<u>Test Date</u>	<u>Oil Prod.</u> <u>BOPD</u>	<u>GOR</u> <u>Cu. Ft./Bbl.</u>
W. R. Weaver			
McAdams No. 1	3-28-59	23	88,550
McAdams No. 2	3-28-59	28	120,930
McAdams No. 3	3-28-59	104	5,221 <i>oil</i>
McAdams No. 4	3-28-59	28	116,636
El Paso Natural Gas			
Huerfano Unit No. 99	3-26-59	43	55,506
Huerfano Unit No. 103	3-15-59	23	98,947
Huerfano Unit No. 105	3-28-59	87	11,210 <i>oil</i>
Huerfano Unit No. 106	4-30-59	59	62,983
Huerfano Unit No. 107	3-29-59	290	2,573 <i>oil</i>
Huerfano Unit No. 92	4-11-59	8	47,375
Pan American Petroleum Corp.			
McAdams "B" No. 1	6-30-59	28	10,173 <i>oil</i>
McAdams "B" No. 2	7-5-59	112	4,220 <i>oil</i>

Par Hm.

Ex #3 A

Ex # 14

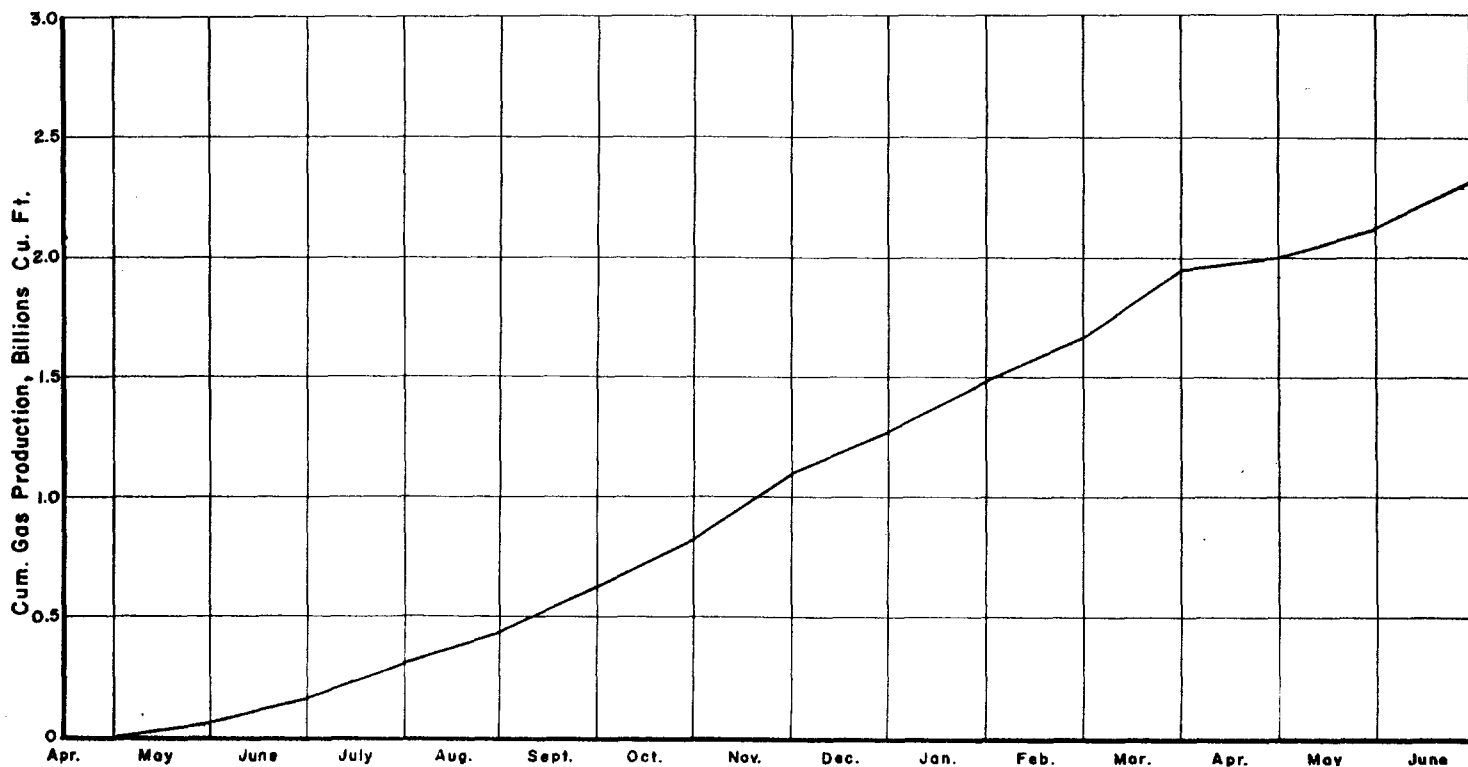
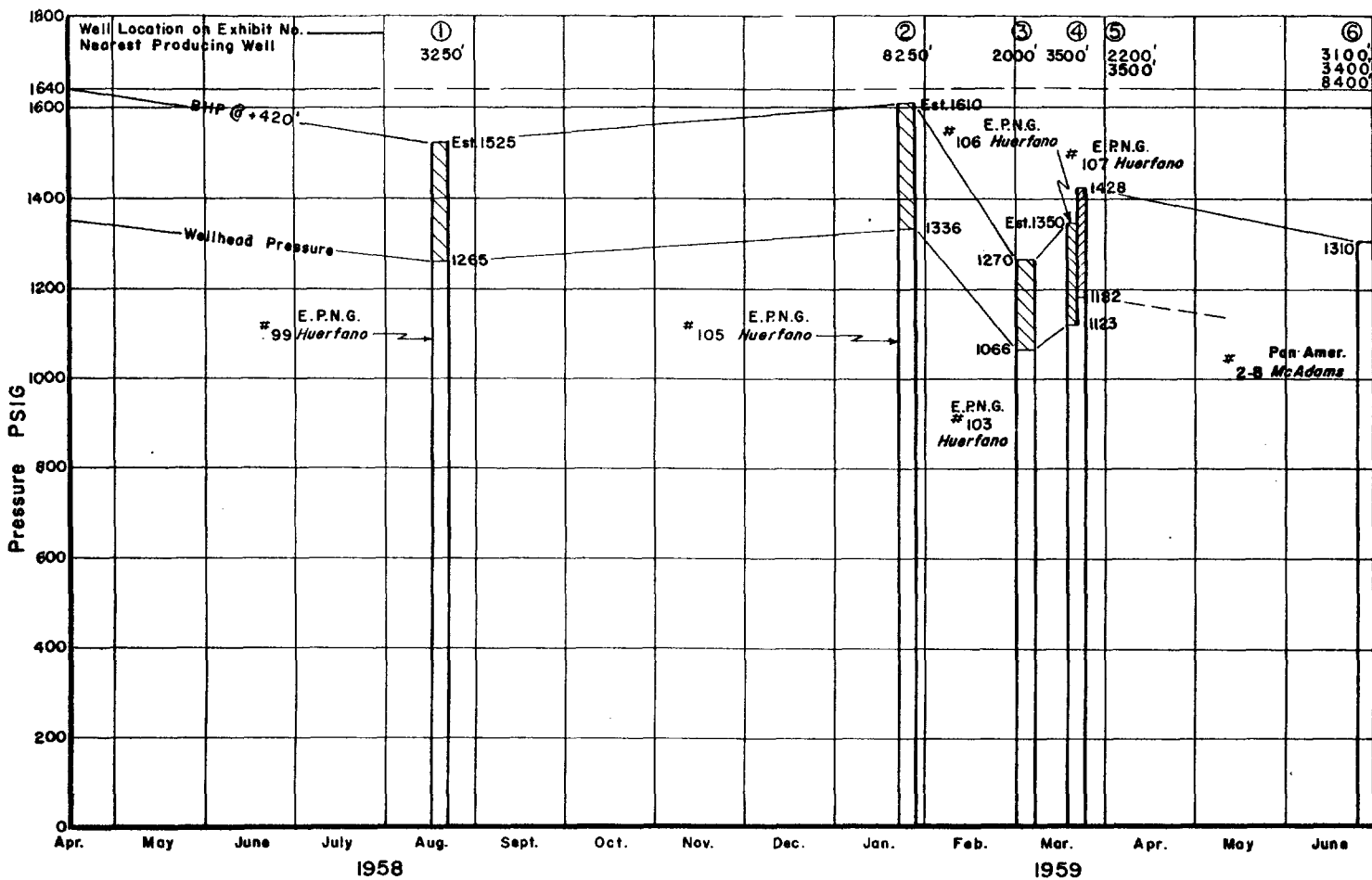
PRESSURE DATA
ANGELS PEAK GALIUP FIELD
SAN JUAN COUNTY, NEW MEXICO

<u>Operator</u> <u>Lease & Well</u>	<u>Shut-In</u> <u>Surface</u> <u>Pressure</u> <u>PSIG (Dead</u> <u>Wt. Meas.)</u>	<u>Shut-In</u> <u>Time-Days</u>	<u>Date</u> <u>Pressure</u> <u>Measured</u>	<u>Date of</u> <u>First Prod.</u> <u>(NMOGEC)</u>	<u>Cum. to Test</u> <u>Date - MCF</u> <u>(NMOGEC)</u>	<u>Calculated</u> <u>BHP - PSIG</u> <u>(Datum +4.50)</u>	<u>Bomb Meas.</u> <u>BHP - PSIG</u> <u>(Datum +4.50)</u>
W. R. Weaver McAdams No. 1	1356	7	4-29-58	April, 1958	1,486	1620	
	1090	7	12-6-58		350,903	1300	
	1187	7	8-20-58	May, 1958	169,847	1410	
McAdams No. 2	1094	7	12-6-58		354,231	1303	
	1066	7	6-15-59		522,700	1268	
McAdams No. 3	1218	7	9-3-58	Nov., 1958	0	1450	
	757	7	10-23-58		0		
McAdams No. 4	1081	7	8-27-58	Sept., 1958	0	1290	
	976	7	12-22-58		475,200	1162	
	956	7	6-15-59		765,200	1140	
El Paso Natural Gas Co. Huerfano Unit No. 92	1325	7	7-3-58	April, 1959	0	1575	
	1333	7	3-20-59		0	1585	
Huerfano Unit No. 99	1269	7	8-19-58	Feb., 1959	0	1512	
Huerfano Unit No. 103	1088	9	1-17-59	March, 1959	0	1295	
	1066	42	3-4-59		0	1270	
Huerfano Unit No. 106	1123	7	3-20-59	April, 1959	0	1320	
Huerfano Unit No. 107 Pan American McAdams "B" No. 2	1182	33	3-25-59	April, 1959	0	1412	

NOTE: May and June, 1959, Production estimated to be equal to allowable. 1300

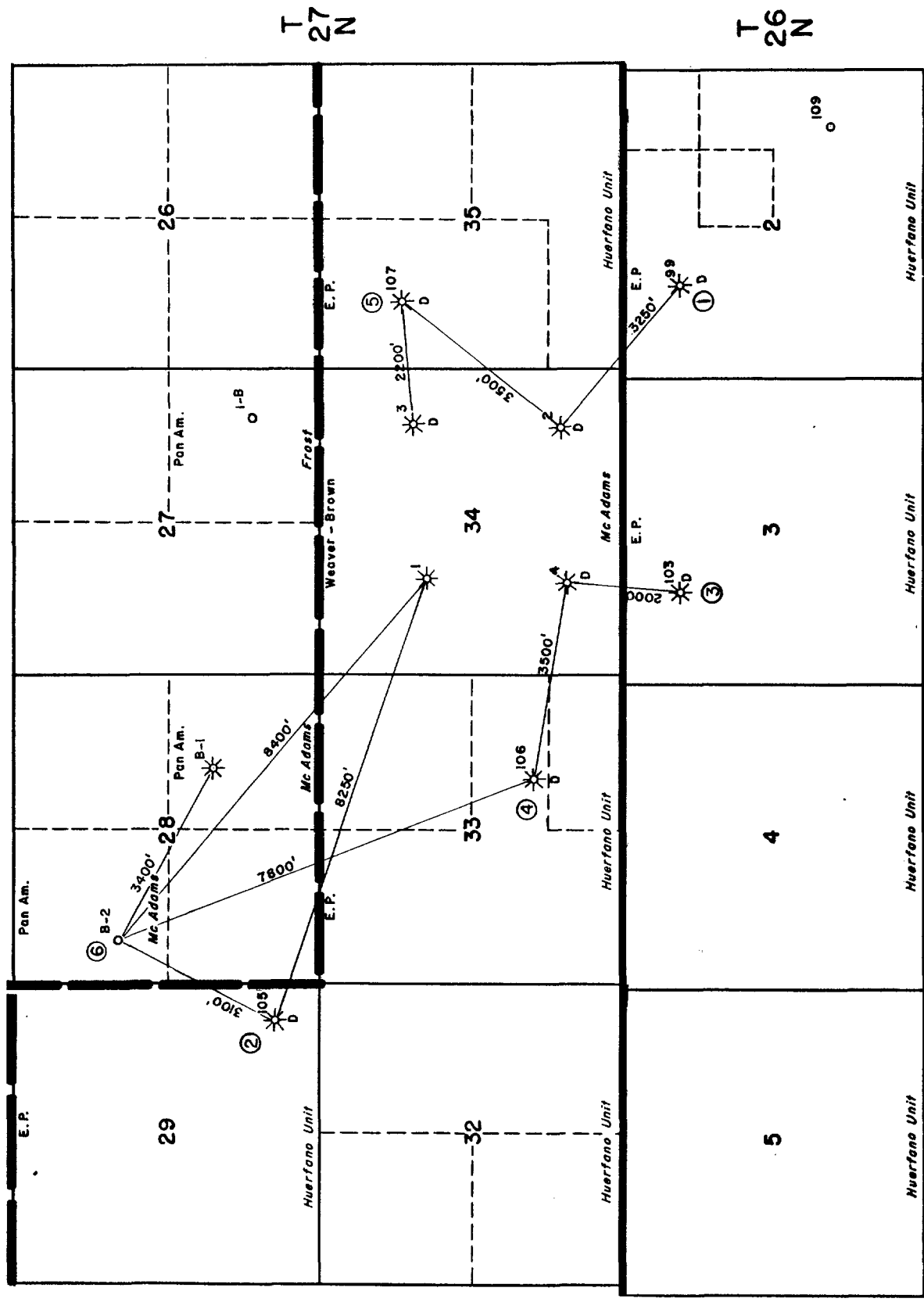
ANGELS PEAK GALLUP FIELD INITIAL SHUT-IN PRESSURES AND CUMULATIVE GAS PRODUCTION VERSUS TIME

Case 1641
Exhibit No. 2-A
Witness _____



PLAT SHOWING PORTION OF
 THE ANGELS PEAK GALLUP FIELD

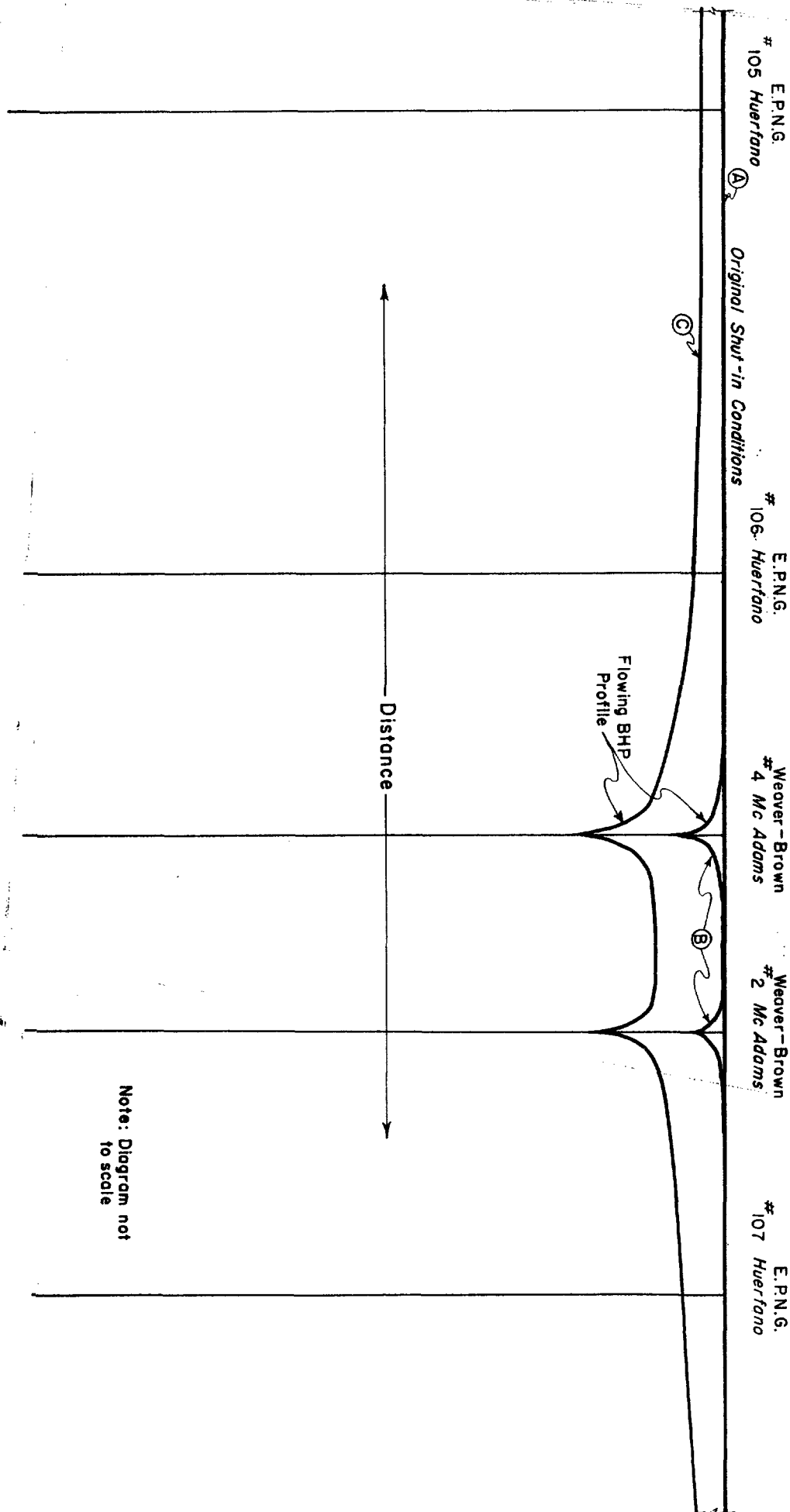
RIOW



RIOW

ANGELS PEAK GALLUP FIELD Reservoir Pressure Profile Under Producing Conditions

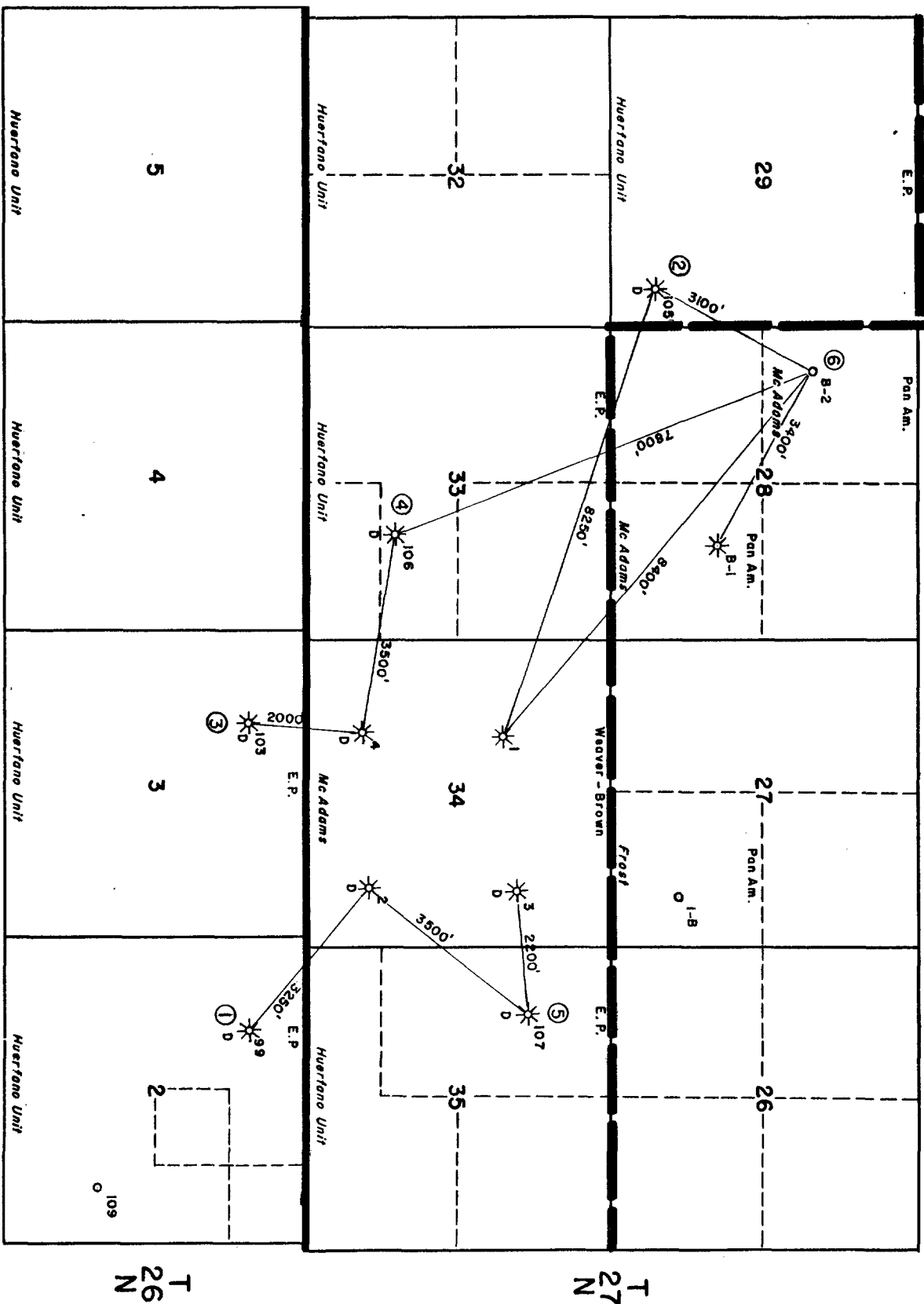
Case 1641
Exhibit No. 2-7
Witness Ed H. ...



PLAT SHOWING PORTION OF THE ANGELS PEAK GALLUP FIELD

Cose 1641
Exhibit No. 3-B
Witness Levan

RIOW

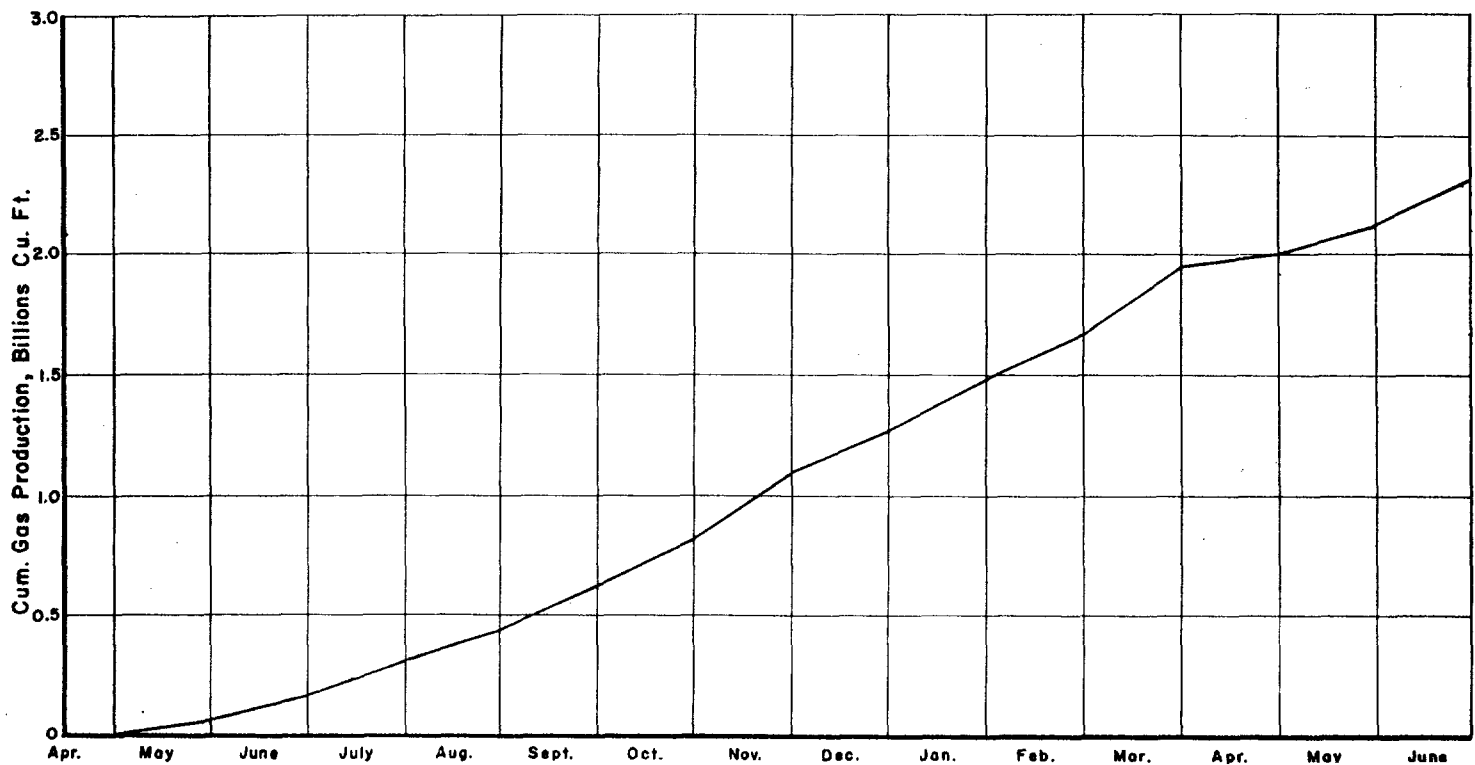
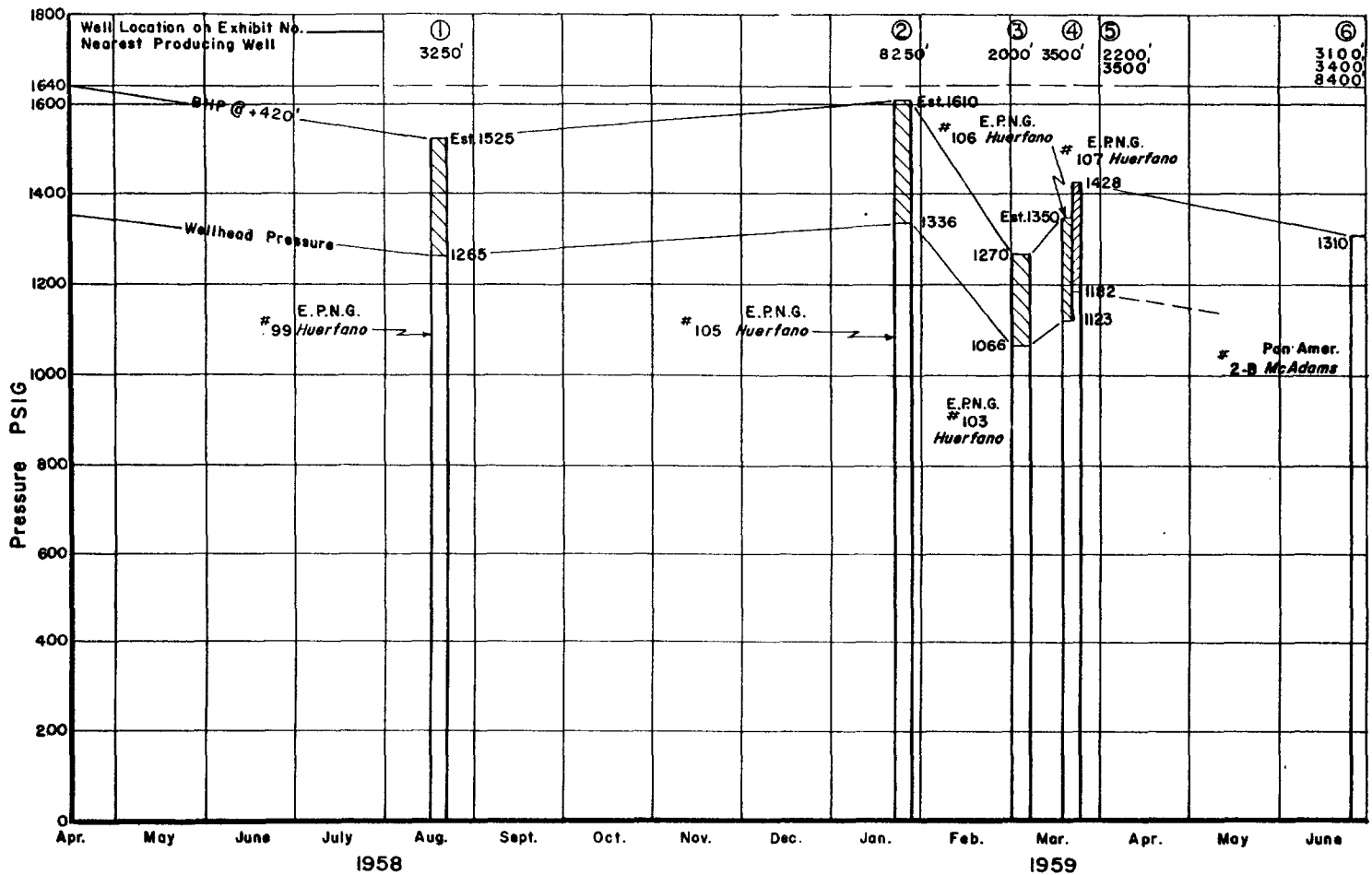


Scale: 2" = 1 Mile

ANGELS PEAK GALLUP FIELD
INITIAL SHUT-IN PRESSURES AND CUMULATIVE
GAS PRODUCTION VERSUS TIME

EQ 10620

Case 1641
Exhibit No. LA
Witness Lowe

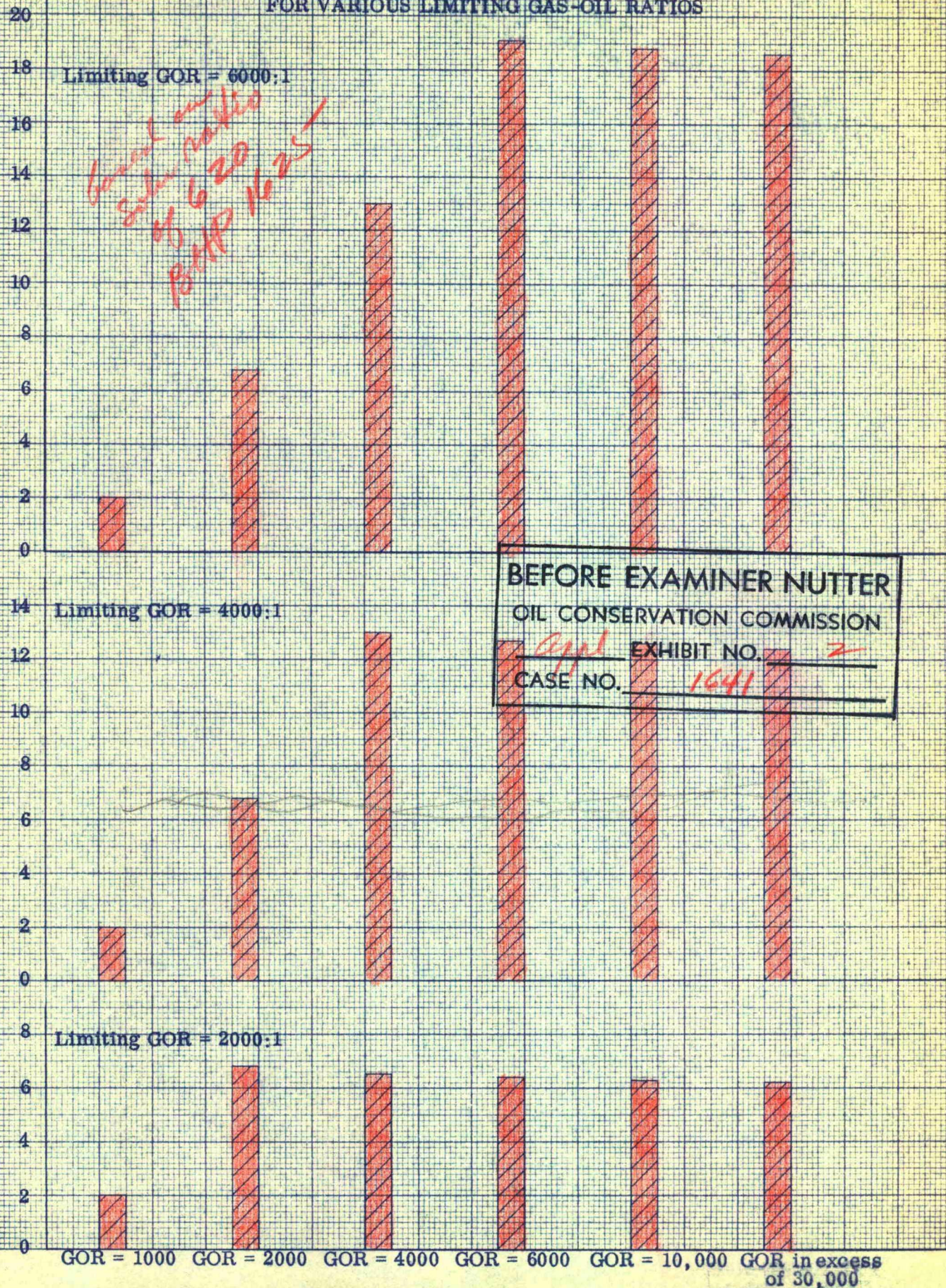


EP recommend 2000-1 ratio

CASE 1641
EPNG EXHIBIT NO. 2
WITNESS

ANGELS PEAK GALLUP FIELD
RELATIVE RESERVOIR VOIDAGE
VERSUS PRODUCING GOR
FOR VARIOUS LIMITING GAS-OIL RATIOS

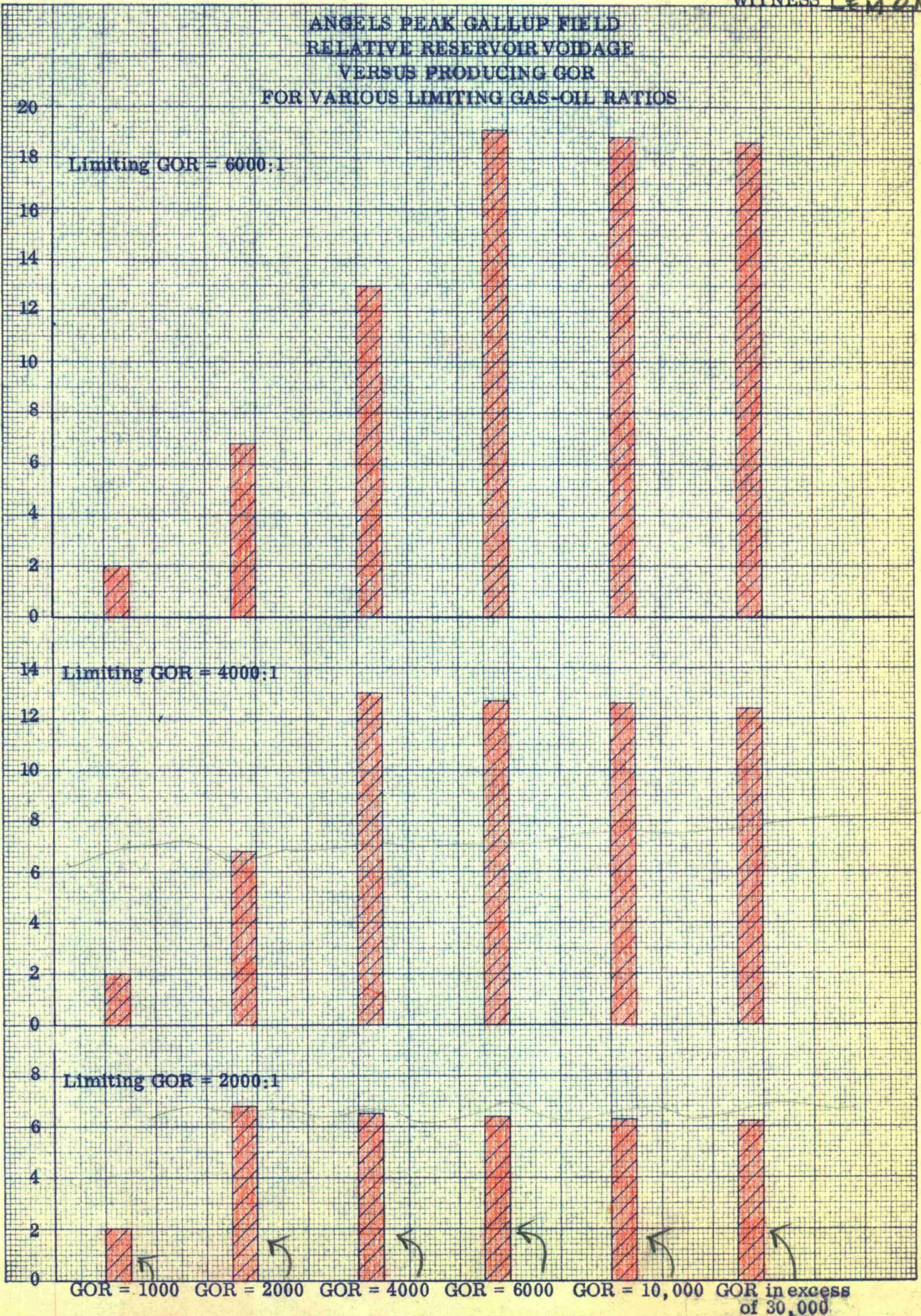
Barrels of Reservoir Space Voided per Stock Tank Barrel/day per Acre

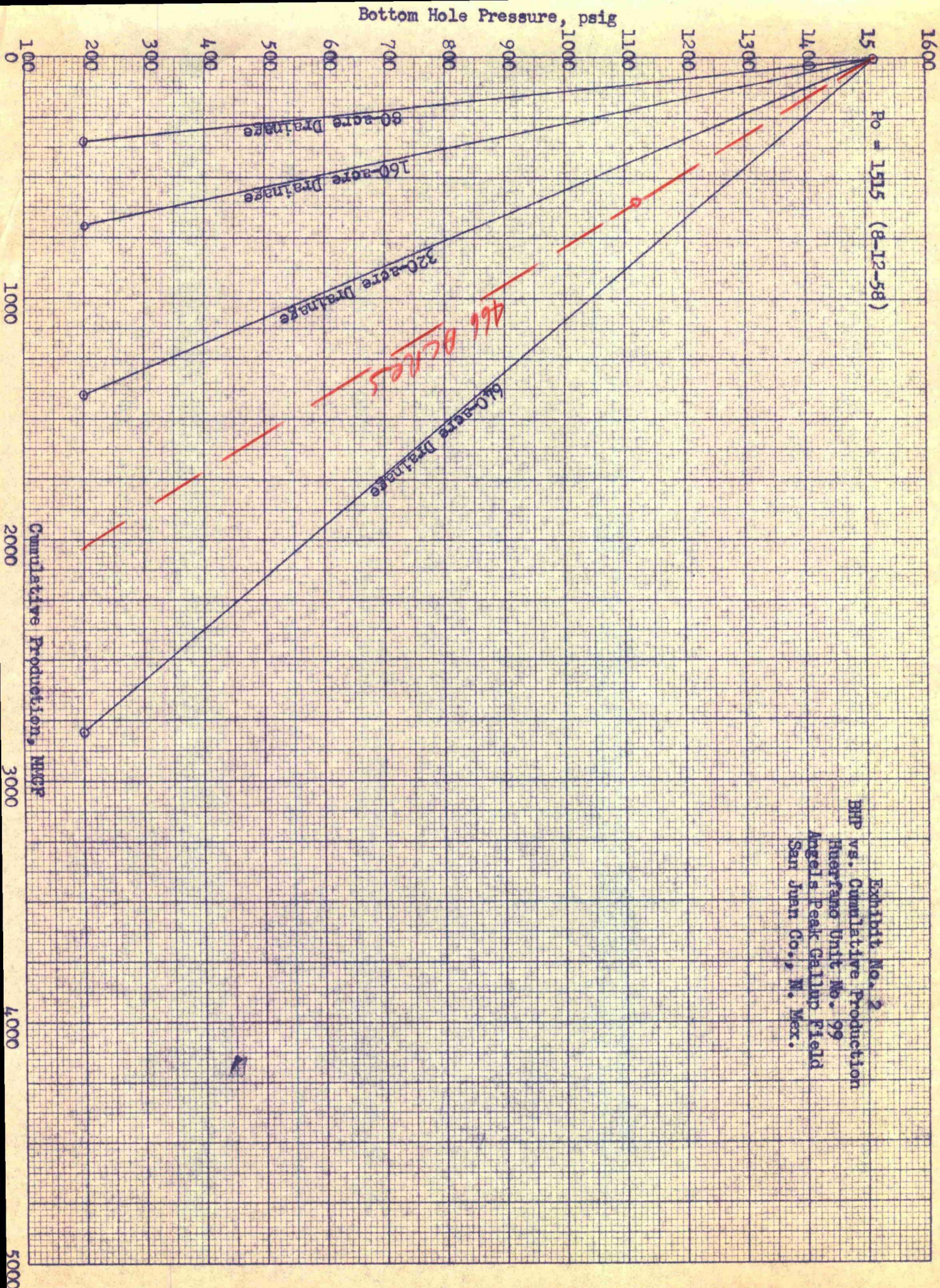


BEFORE EXAMINER NUTTER
OIL CONSERVATION COMMISSION
EXHIBIT NO. 2
CASE NO. 1641

ANGELS PEAK GALLUP FIELD
RELATIVE RESERVOIR VOIDAGE
VERSUS PRODUCING GOR
FOR VARIOUS LIMITING GAS-OIL RATIOS

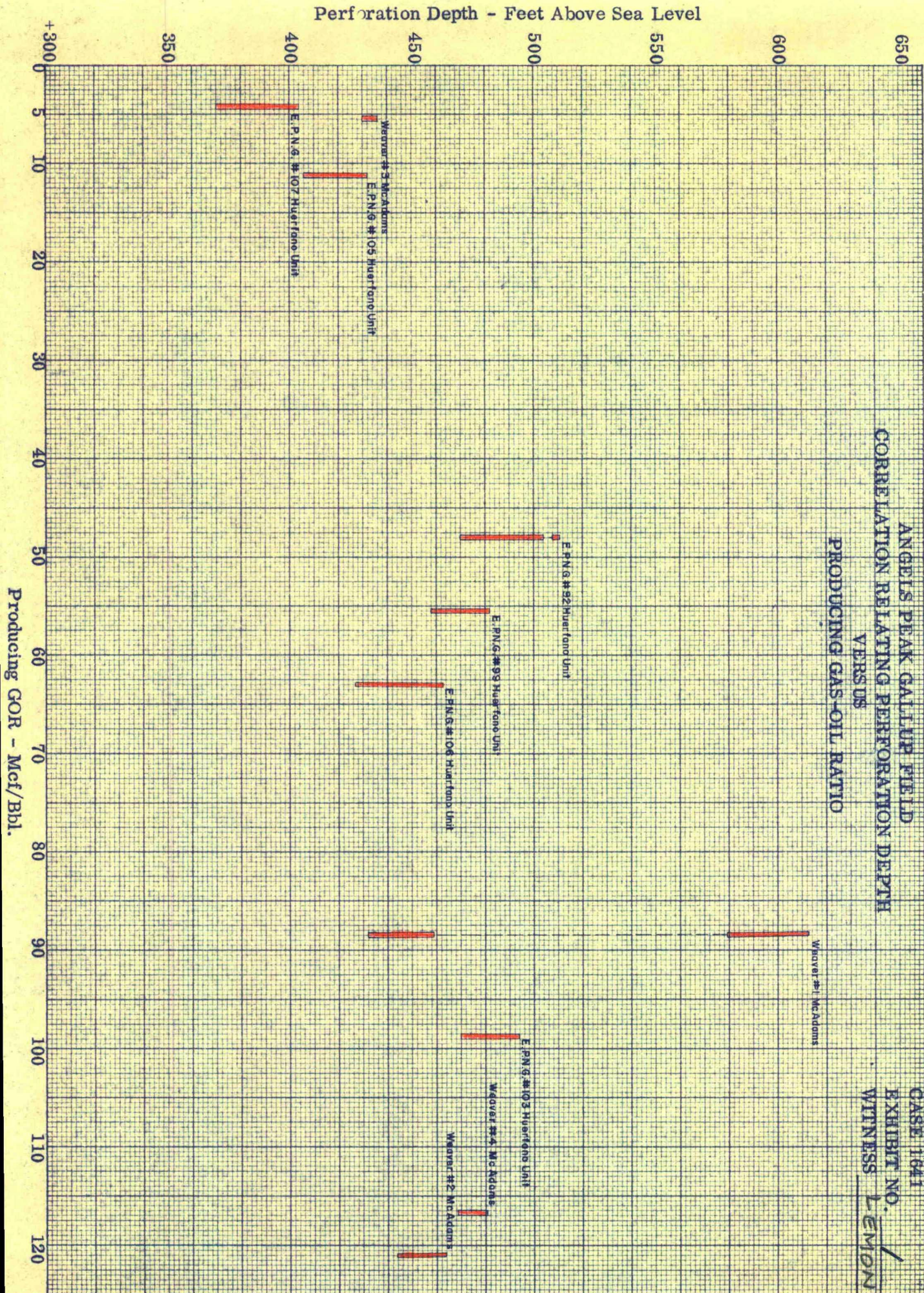
Barrels of Reservoir Space Voids per Stock Tank Barrel/day per Acre





ANGELS PEAK GALLUP FIELD CORRELATION RELATING PERFORATION DEPTH VERSUS PRODUCING GAS-OIL RATIO

CASE 1641
EXHIBIT NO. 1
WITNESS LEMON



Perforation Depth - Feet Above Sea Level

+300

350

400

450

500

550

600

650

0

5

10

20

30

40

50

60

70

80

90

100

110

120

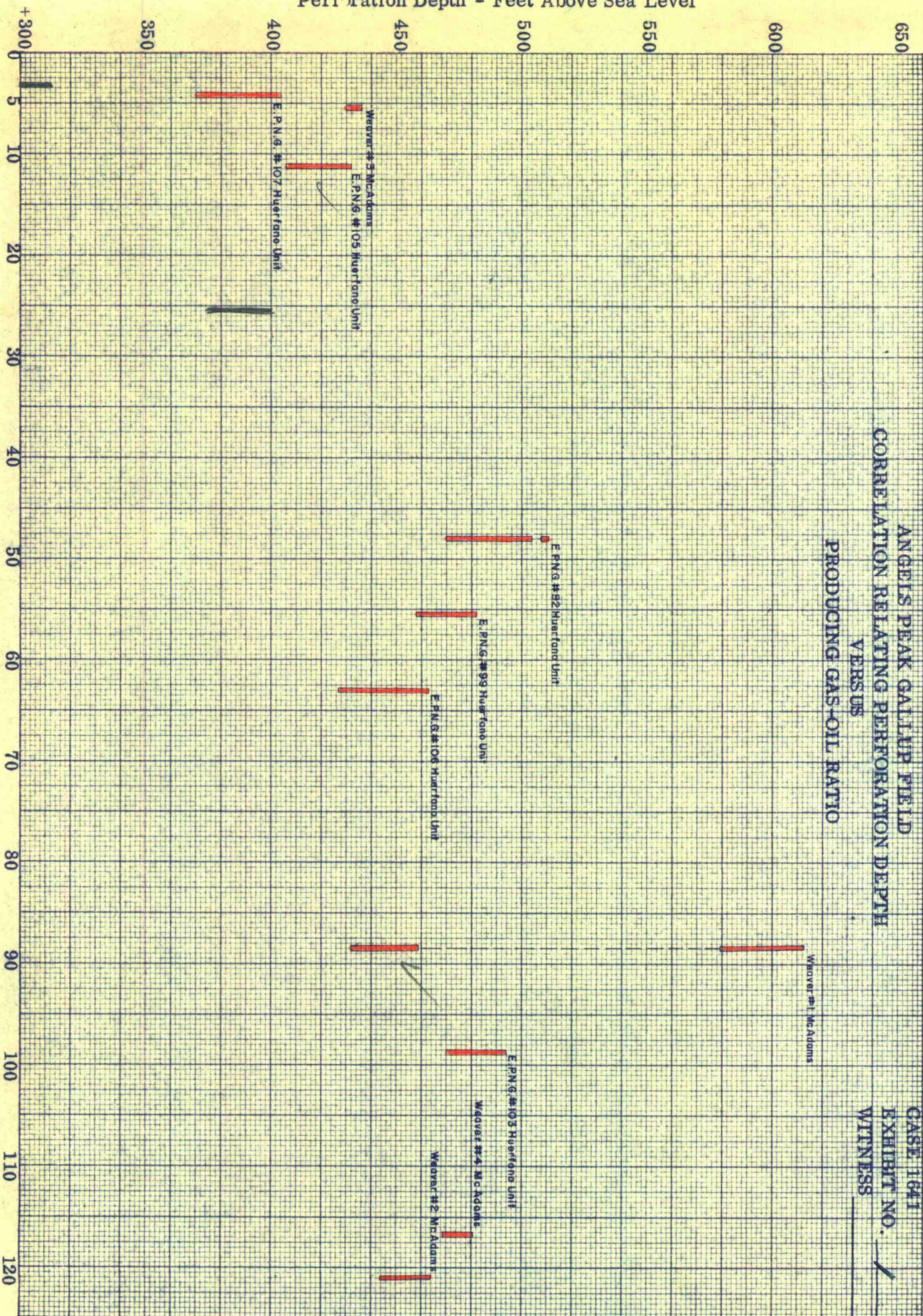
Producing GOR - Mcf/Bbl.

ANGELS PEAK CALLUP FIELD
CORRELATION RELATING PERFORATION DEPTH
VERSUS
PRODUCING GAS-OIL RATIO

CASE 1641
EXHIBIT NO. 1
WITNESS

EPN/G

Perforation Depth - Feet Above Sea Level



Producing GOR - Mcf/Bbl.

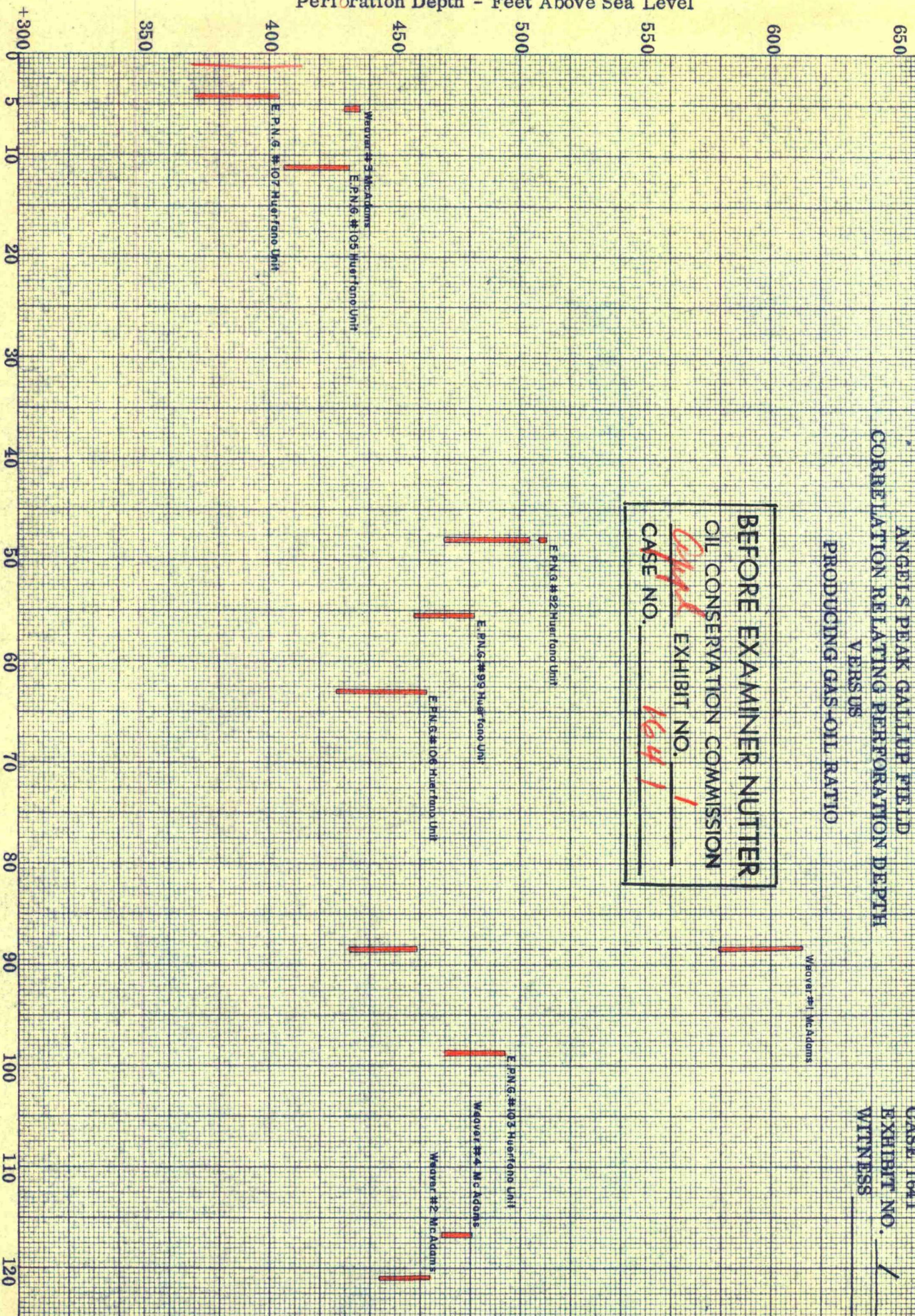
EPUG Ex 1

ANGELS PEAK GALLUP FIELD
CORRELATION RELATING PERFORATION DEPTH
VERSUS
PRODUCING GAS-OIL RATIO

CASE 1641
EXHIBIT NO. 1
WITNESS

BEFORE EXAMINER NUTTER
OIL CONSERVATION COMMISSION
CASE NO. 1641
EXHIBIT NO. 1

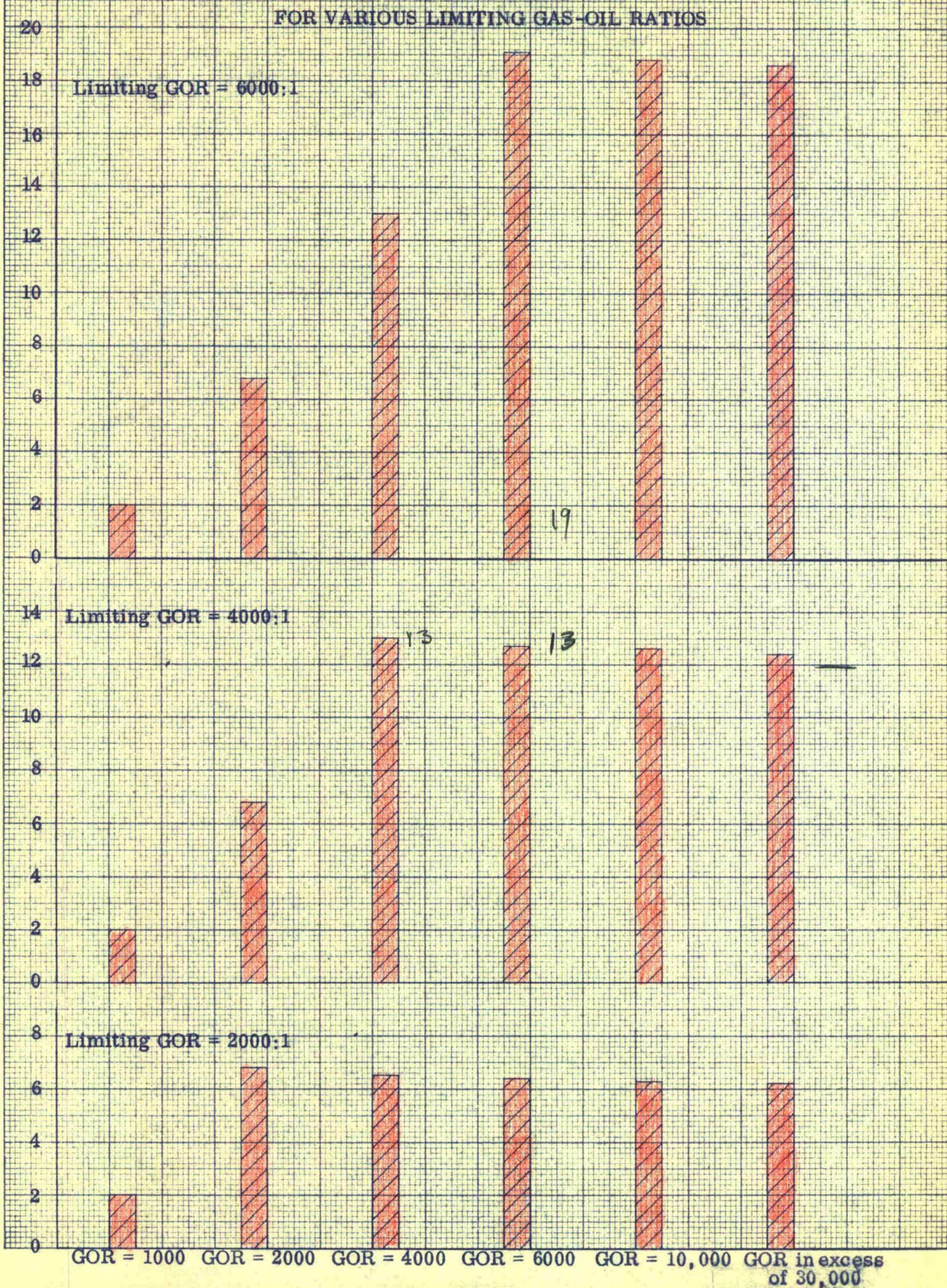
Perforation Depth - Feet Above Sea Level

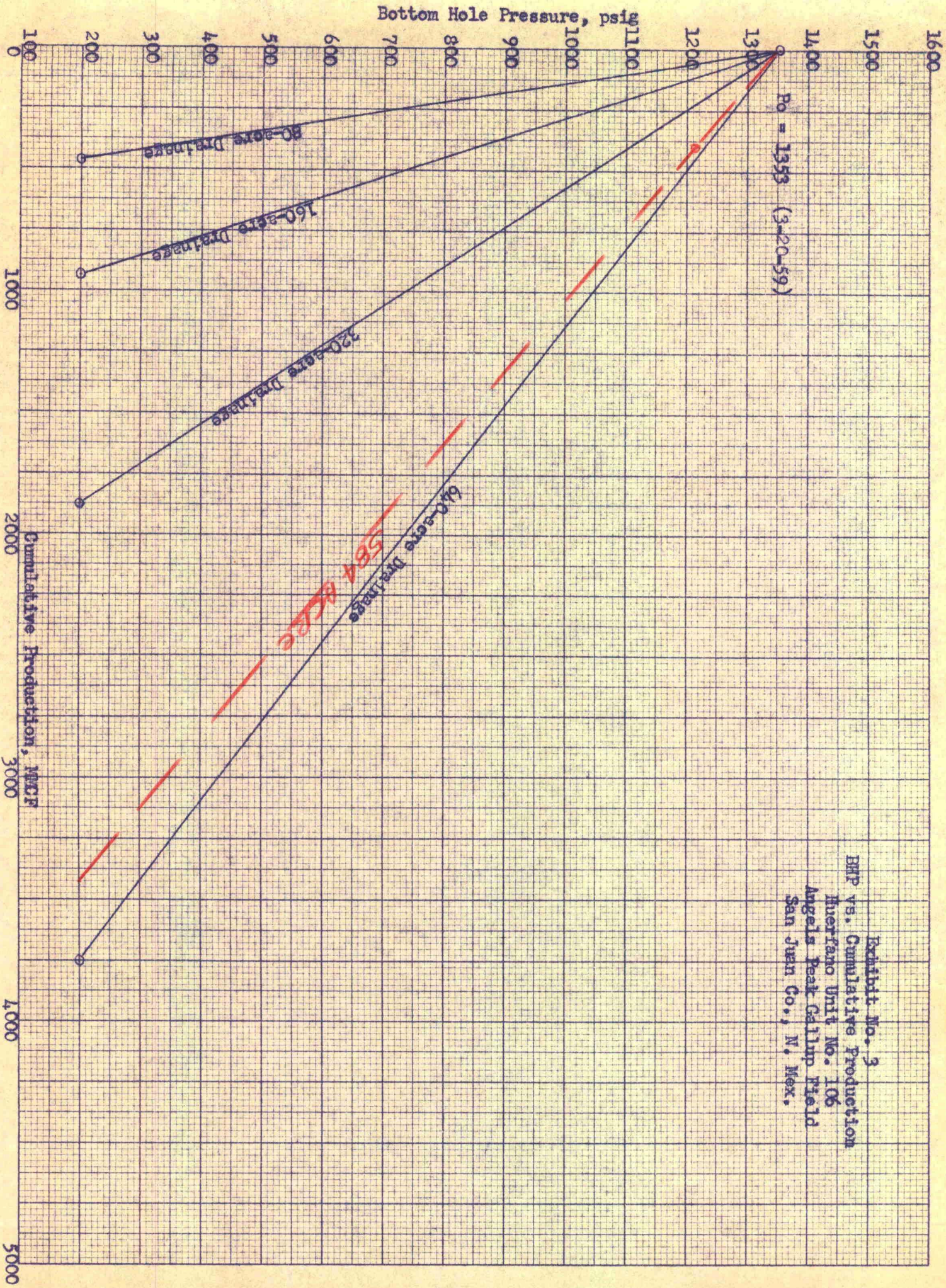


Producing GOR - Mcf/Bbl.

ANGELS PEAK GALLUP FIELD
 RELATIVE RESERVOIR VOIDAGE
 VERSUS PRODUCING GOR
 FOR VARIOUS LIMITING GAS-OIL RATIOS

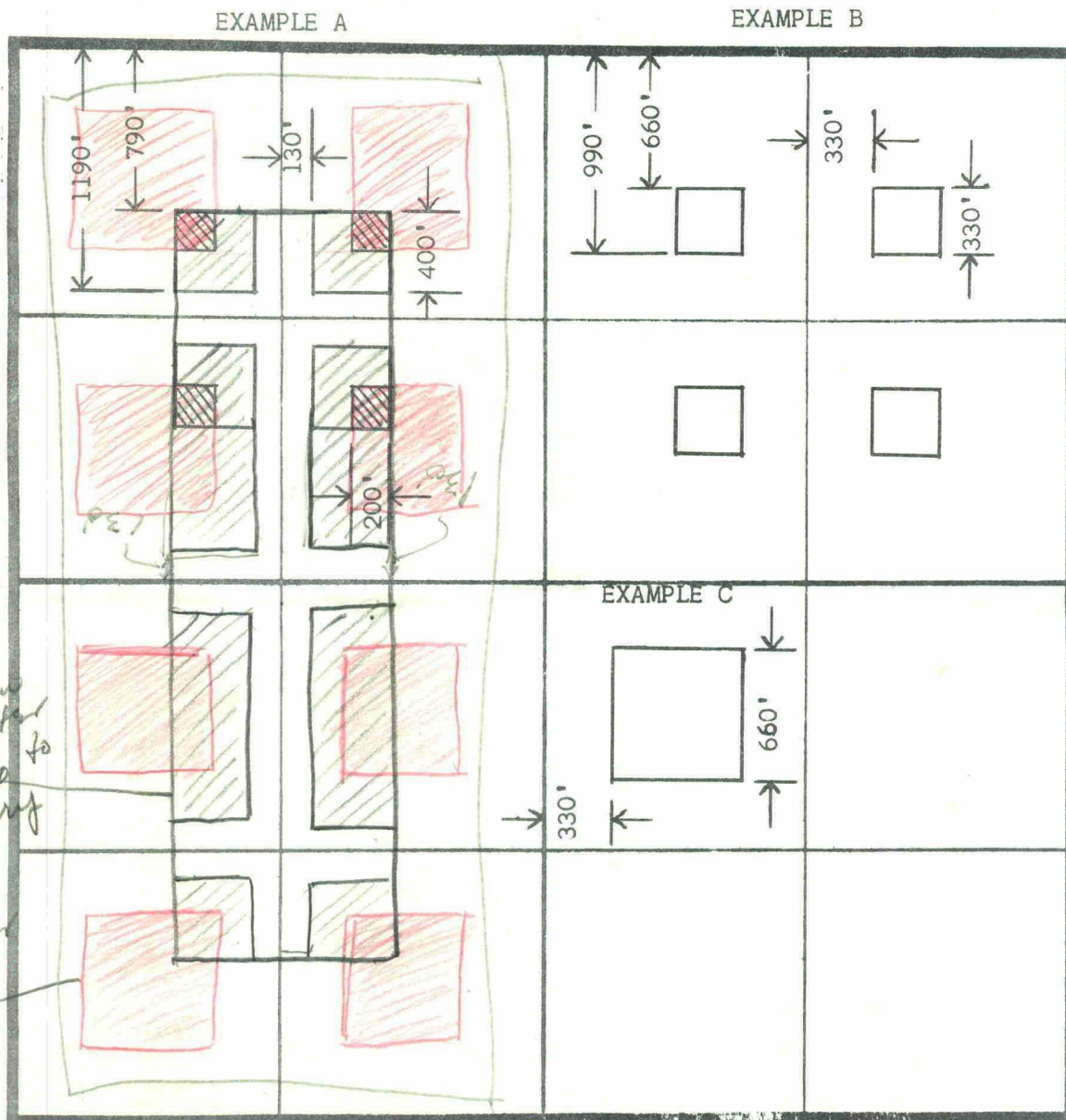
Barrels of Reservoir Space Voided per Stock Tank Barrel/day per Acre





STANDARD OIL AND GAS WELL LOCATIONS IN NEW MEXICO ACCORDING TO RULE 104
OF THE GENERAL RULES AND REGULATIONS

Sec. _____ Township No. _____ of Range No. _____



EXAMPLE A - Shows Standard Gas Well location in San Juan, Rio Arriba and Sandoval Counties. 200' crosshatched square shows portion of 400' square which is a standard location for oil or gas wells. These locations may be used in any quarter section.

EXAMPLE B - Shows standard gas well location for the State, except San Juan, Rio Arriba and Sandoval Counties. These locations may be used in any quarter section.

EXAMPLE C - Shows Standard Oil Well location for the State. This location may be used for a wildcat oil or gas well except in San Juan, Rio Arriba and Sandoval Counties. This location may be used in any quarter quarter section.

11/19/56