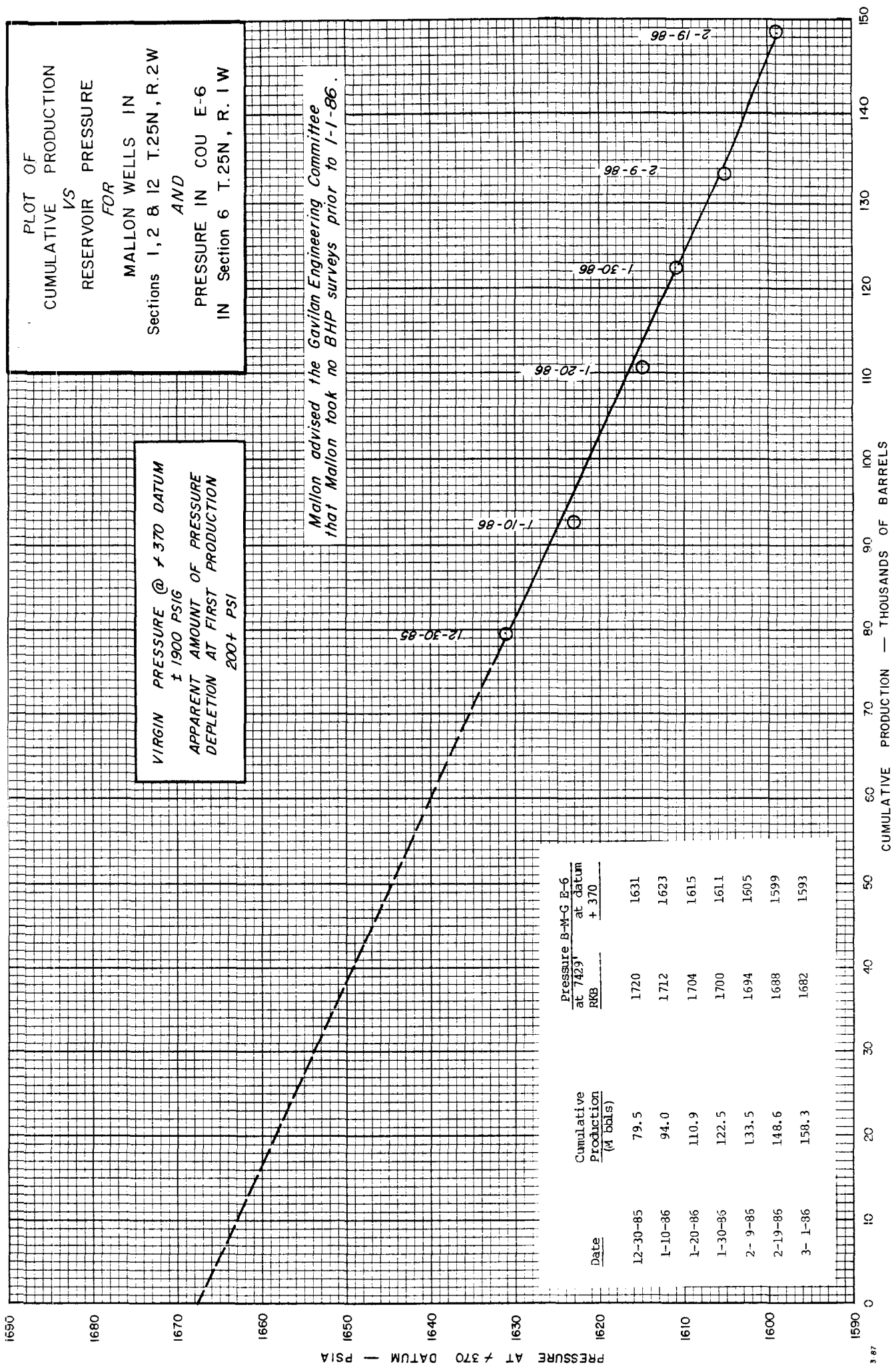
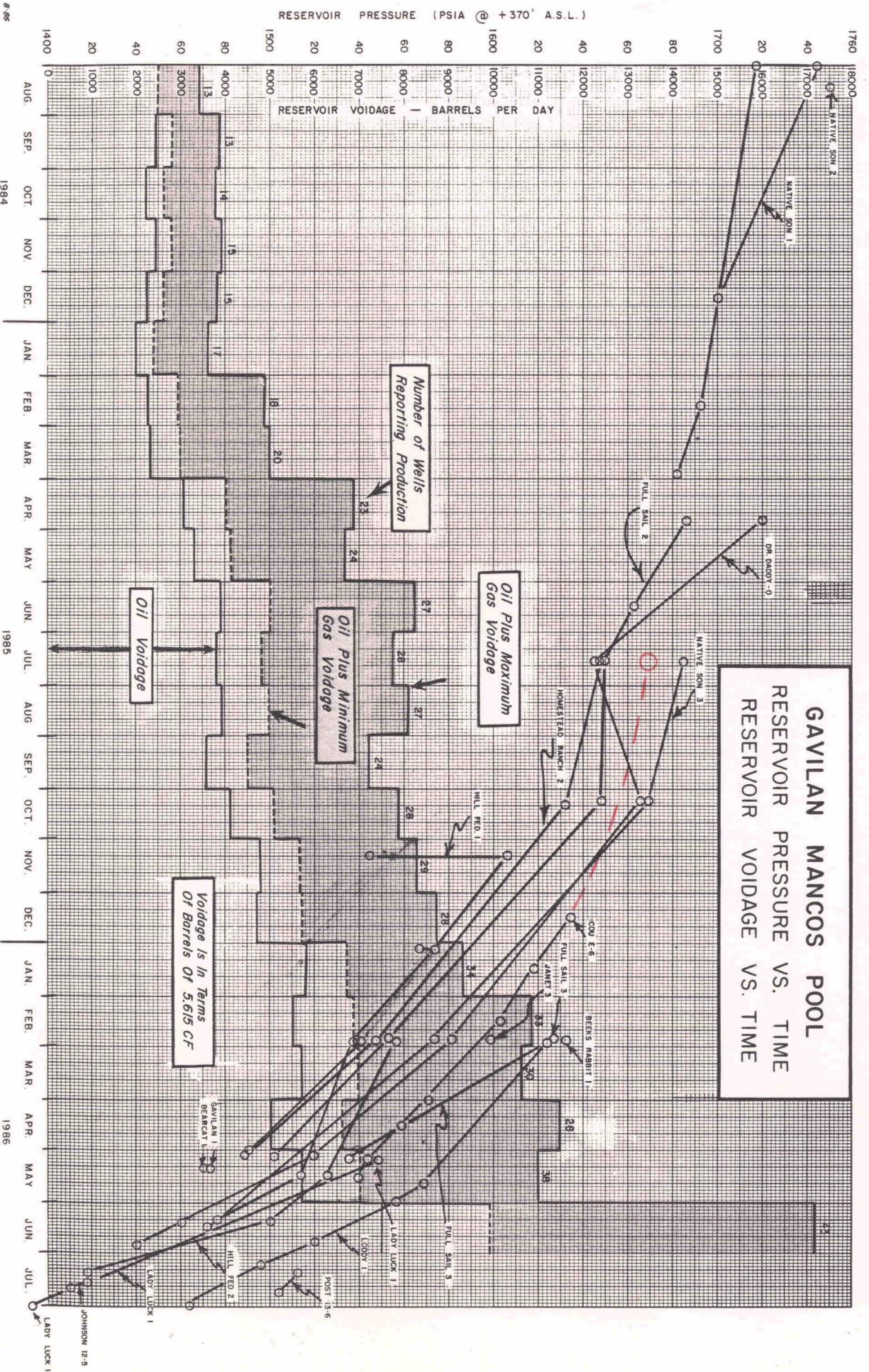




PLOT OF
CUMULATIVE PRODUCTION
VS
RESERVOIR PRESSURE
FOR
MALLON WELLS IN
Sections 1, 2 & 12 T.25N, R.2W
AND
PRESSURE IN COU E-6
IN Section 6 T.25N, R.1W

VIRGIN PRESSURE @ ± 370 DATUM
± 1900 PSIG
APPARENT AMOUNT OF PRESSURE
DEPLETION AT FIRST PRODUCTION
200+ PSI

Mallon advised the Gavilan Engineering Committee
that Mallon took no BHP surveys prior to 1-1-86.



EVIDENCE OF COMMUNICATION:
CANADA OJITOS UNIT F-30 FRAC TREATMENT
SEPTEMBER 4, 1986
AND
CANADA OJITOS UNIT A-20 FRAC TREATMENT
FEBRUARY 5, 1987

Summary of frac treatments of Canada Ojitos Unit F-30 and Canada Ojitos Unit A-20

When the F-30 well (junction of green lines on plat on facing page) was fraced September 4, 1986 pressure recording instruments were installed in the west offsetting well, the Meridian Hill Federal 2-Y and the two east offsetting wells, the Canada Ojitos Unit B-29 and B-32. Response to the frac treatment was observed in both the B-29 and B-32 about 8 hours after commencing the frac treatment and in about 15 hours in the Hill 2-Y.

When the A-20 well (junction of pink lines on plat) was fraced February 5, 1987 pressure recording instruments were installed in the B-29 and B-32. These instruments showed response to the frac treatment in about 25 minutes.

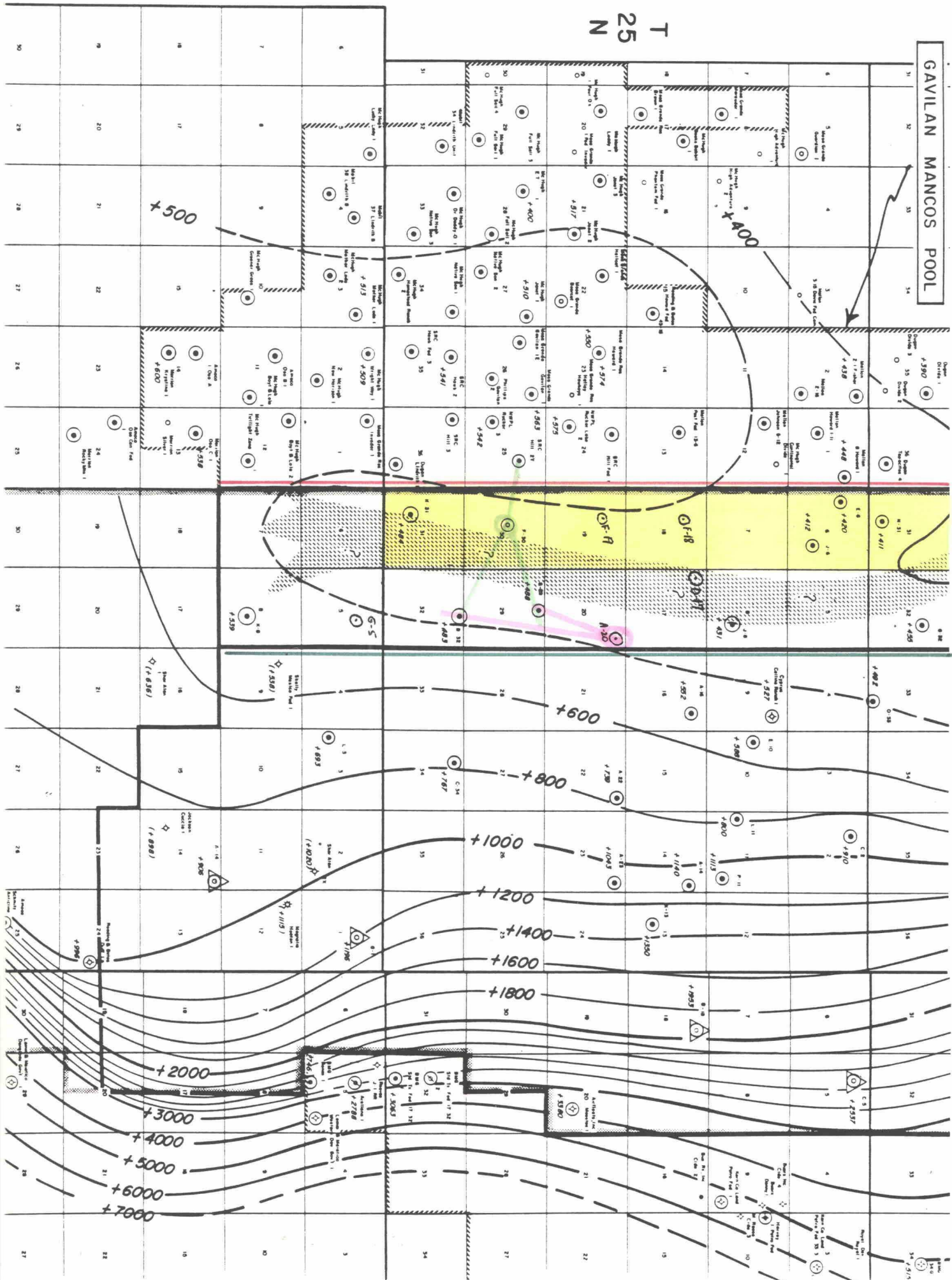
Wells on both sides of the west row of sections in this part of West Puerto Chiquito are clearly connected to a common source of supply; and although, as postulated by the shaded area on the plat, a permeability "restriction" of sorts exists in this area; it is not of sufficient integrity to afford an effective barrier to migration of oil.

The green lines of demonstrated communication cross the east boundary of the area (yellow color on plat) proposed by Mesa Grande for deletion from the West Puerto Chiquito pool.

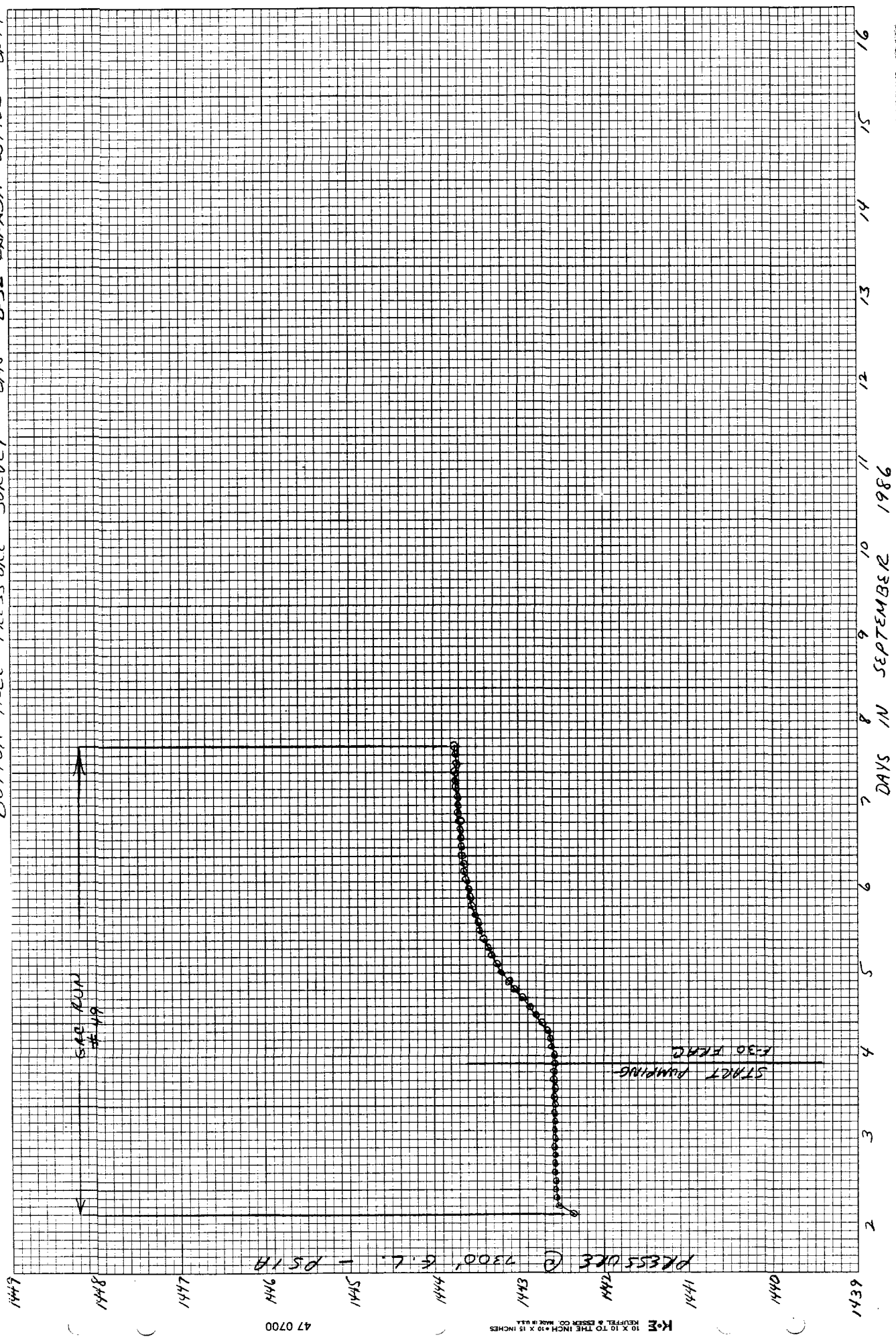
GAVILAN MANCOS POOL

4-27

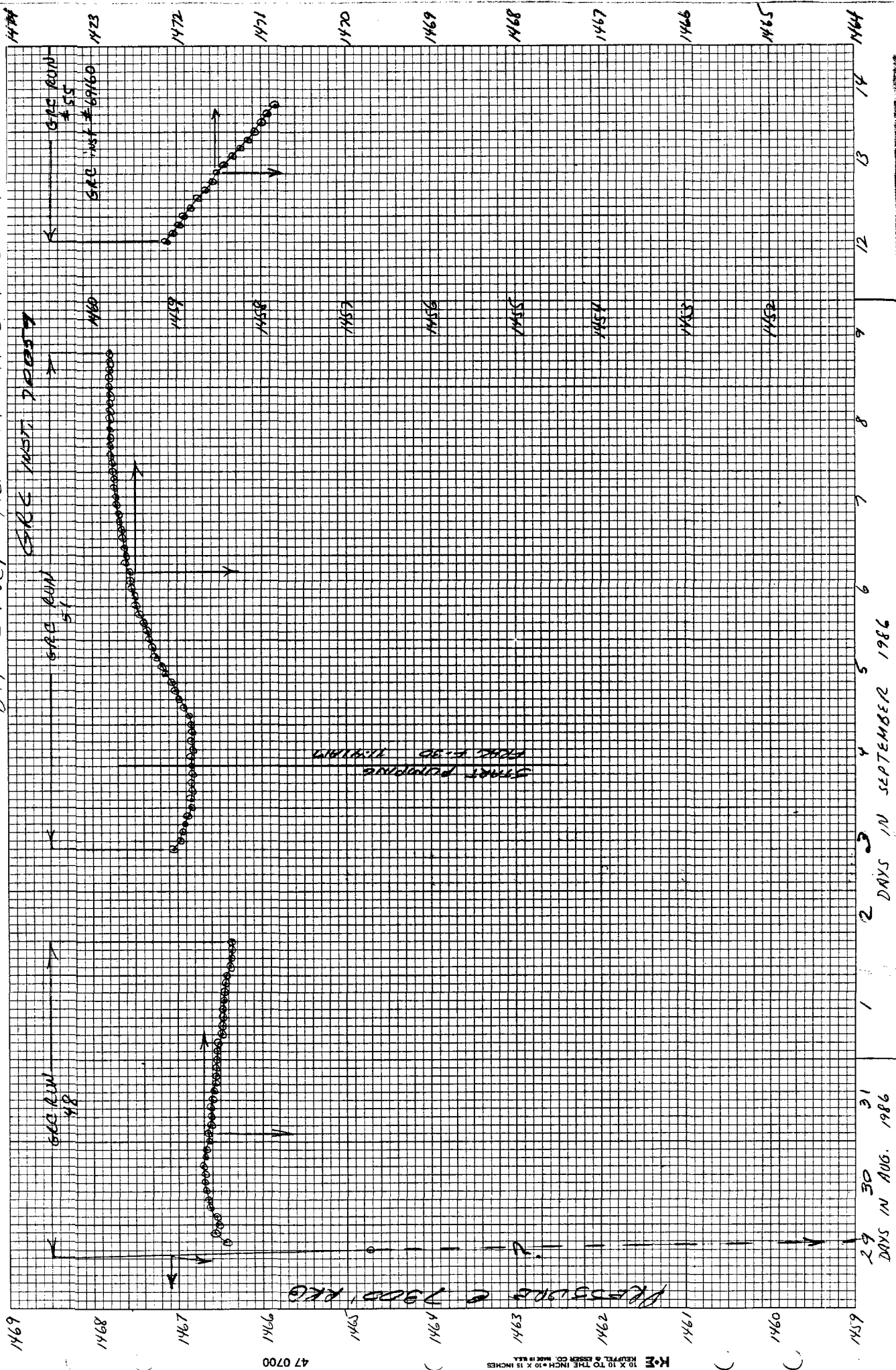
T
25
N

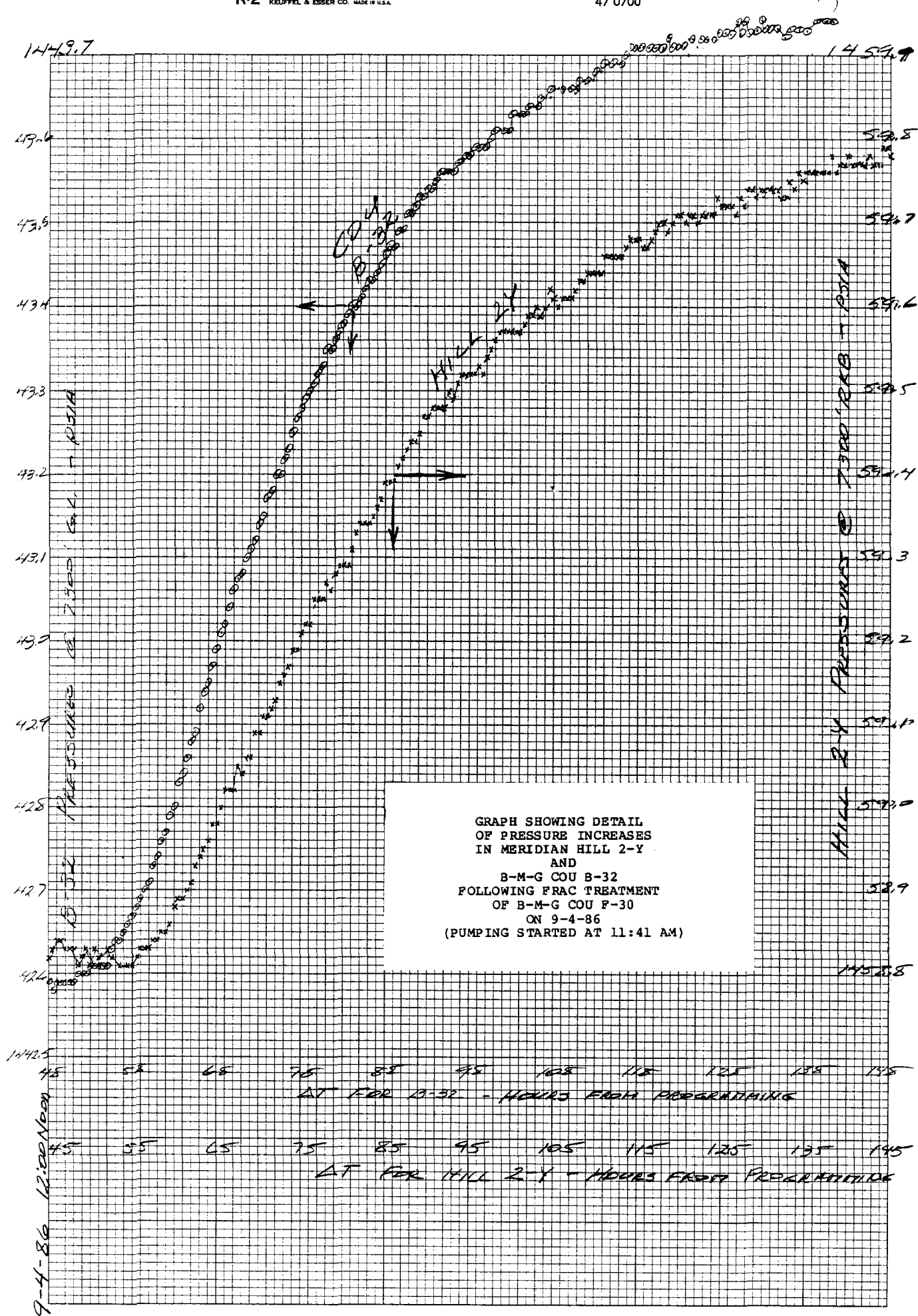


BOTTOM HOLE PRESSURE SURVEY BNG #832 CANADA OJITOS UNIT



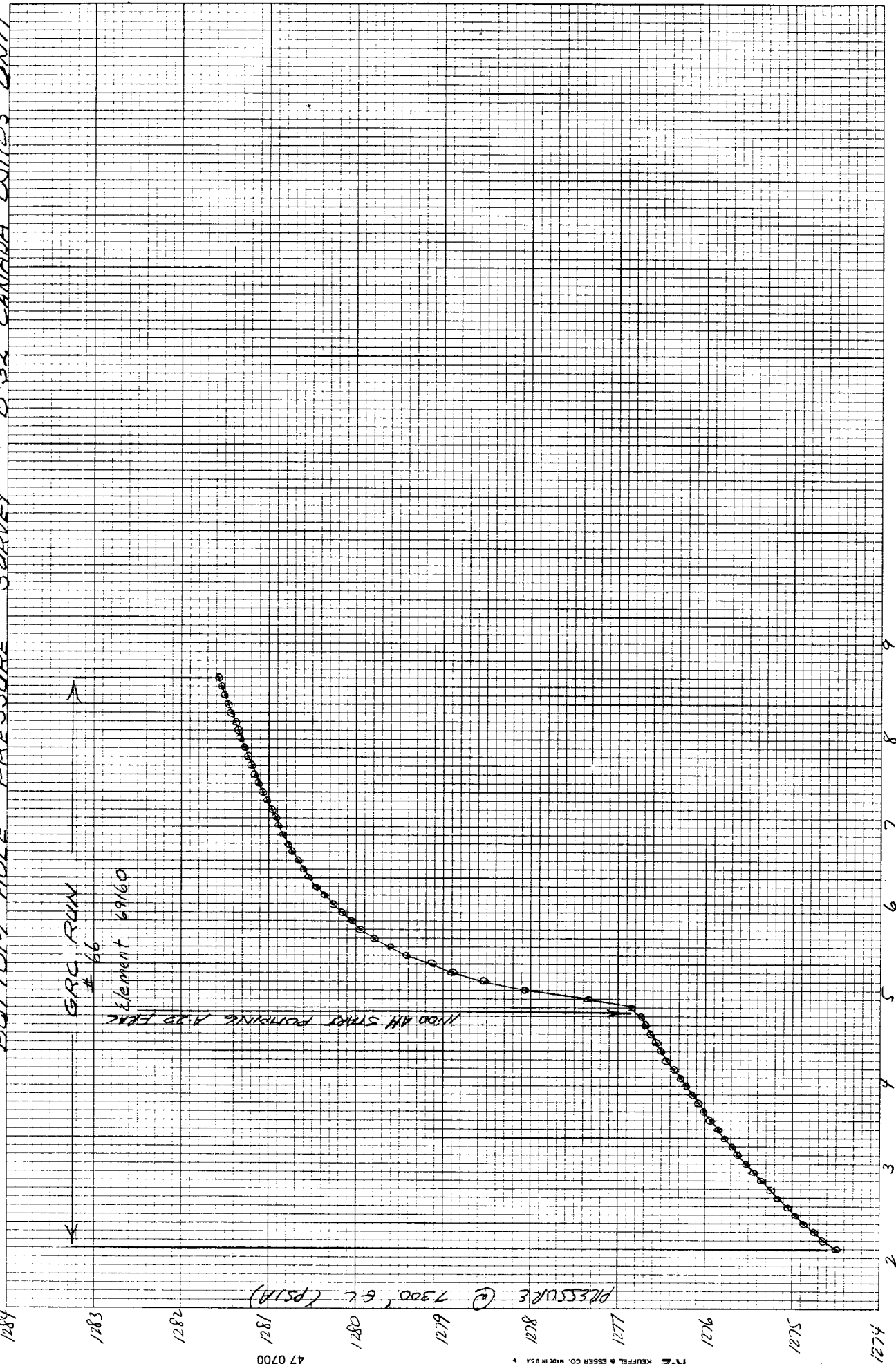
B4P SURVEY MERIDIAN HILL FED 2Y





BOTTOM HOLE PRESSURE SURVEY # B-32 CANADA OILFIELD UNIT

DAYS IN FEBRUARY 1987



GRC RUN #66
Element 6960

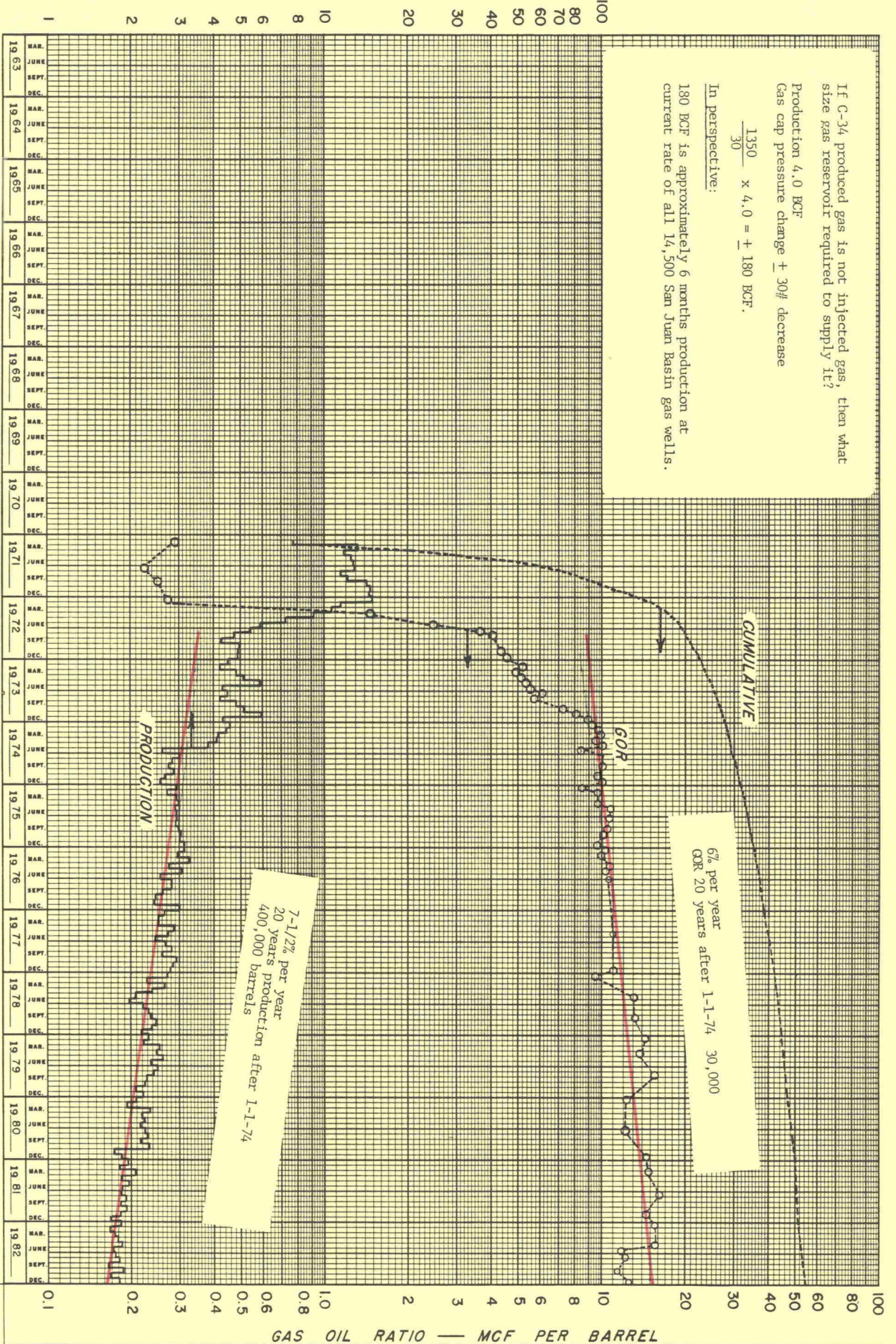
1100 HP START PUMPING 1:22 PM

PRESSURE @ 7300' ± (PSIA)

10 X 10 TO THE INCH #10 X 15 INCHES
KEUFFEL & ESSER CO. MADE IN U.S.A.

47 0700

OIL PRODUCTION RATE — THOUSANDS OF BARRELS PER MONTH



PRODUCTION HISTORY

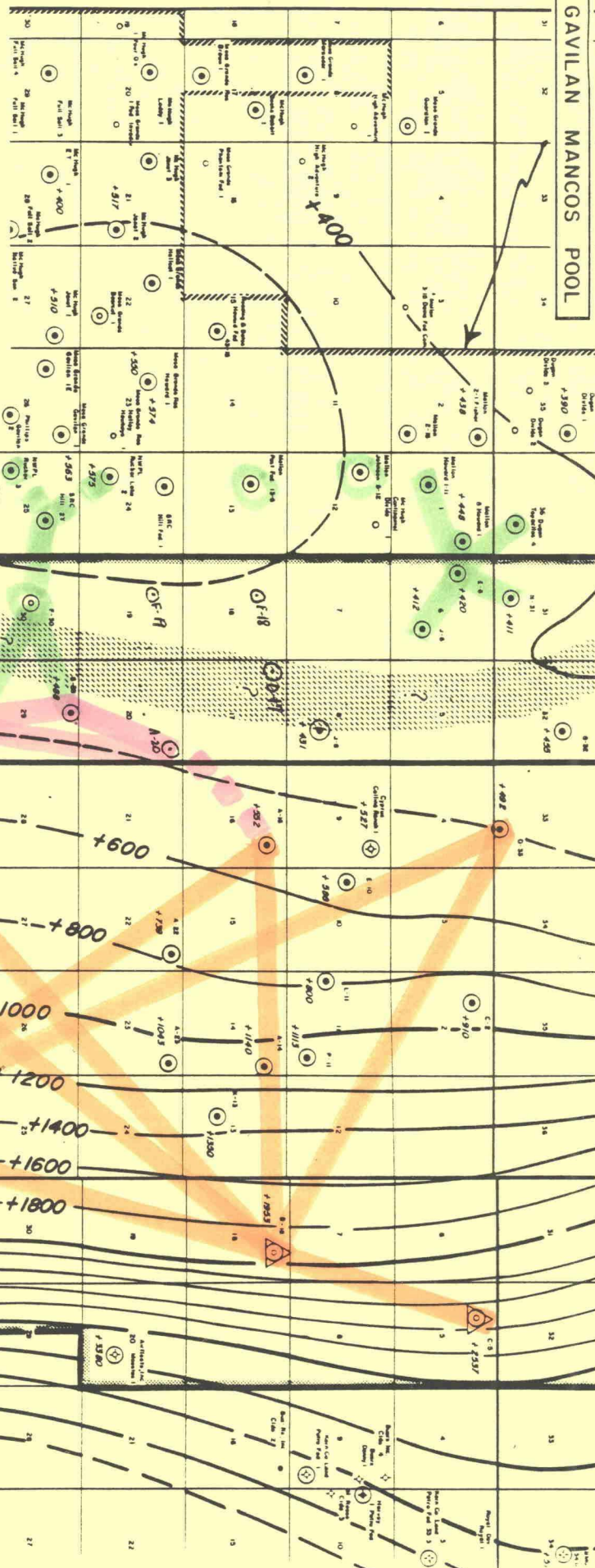
CANADA OUITOS UNIT WELL C-34

S 34 - 25N - 11W

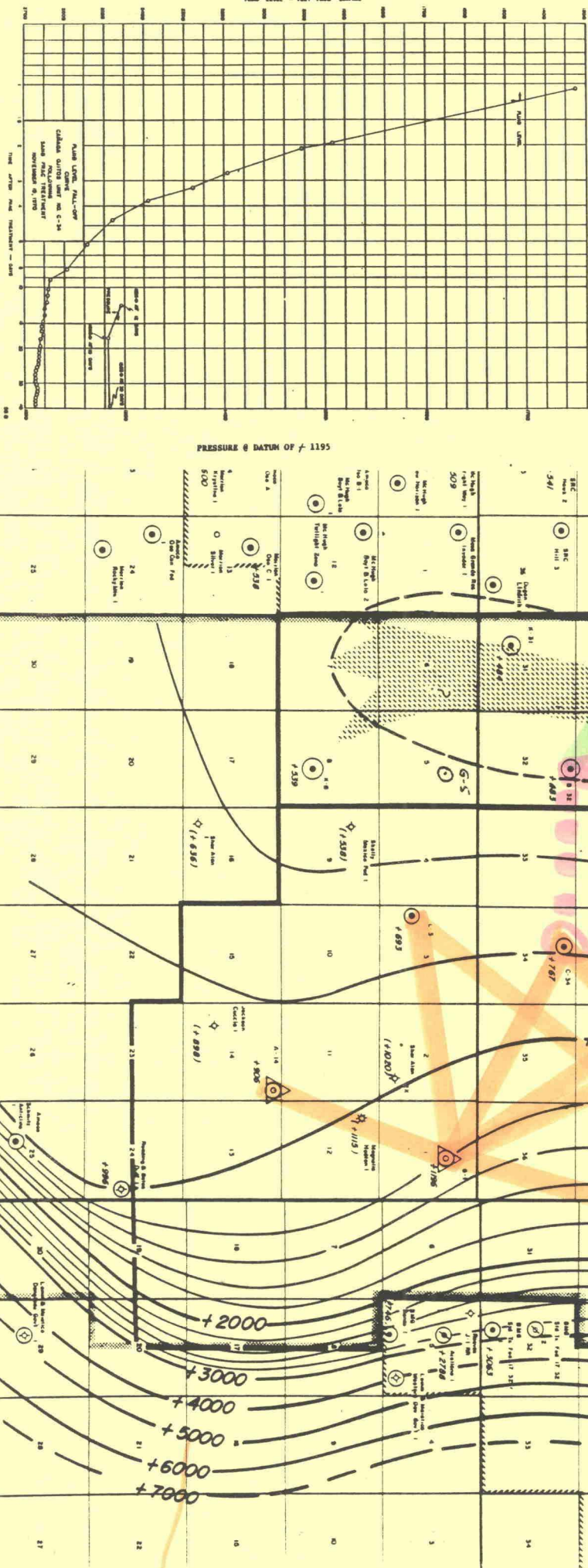
C.O.U. C-34
 PRODUCTION HISTORY

GAVILAN MANCOS POOL

T 25 N



PRESSURE @ DATUM OF +1195



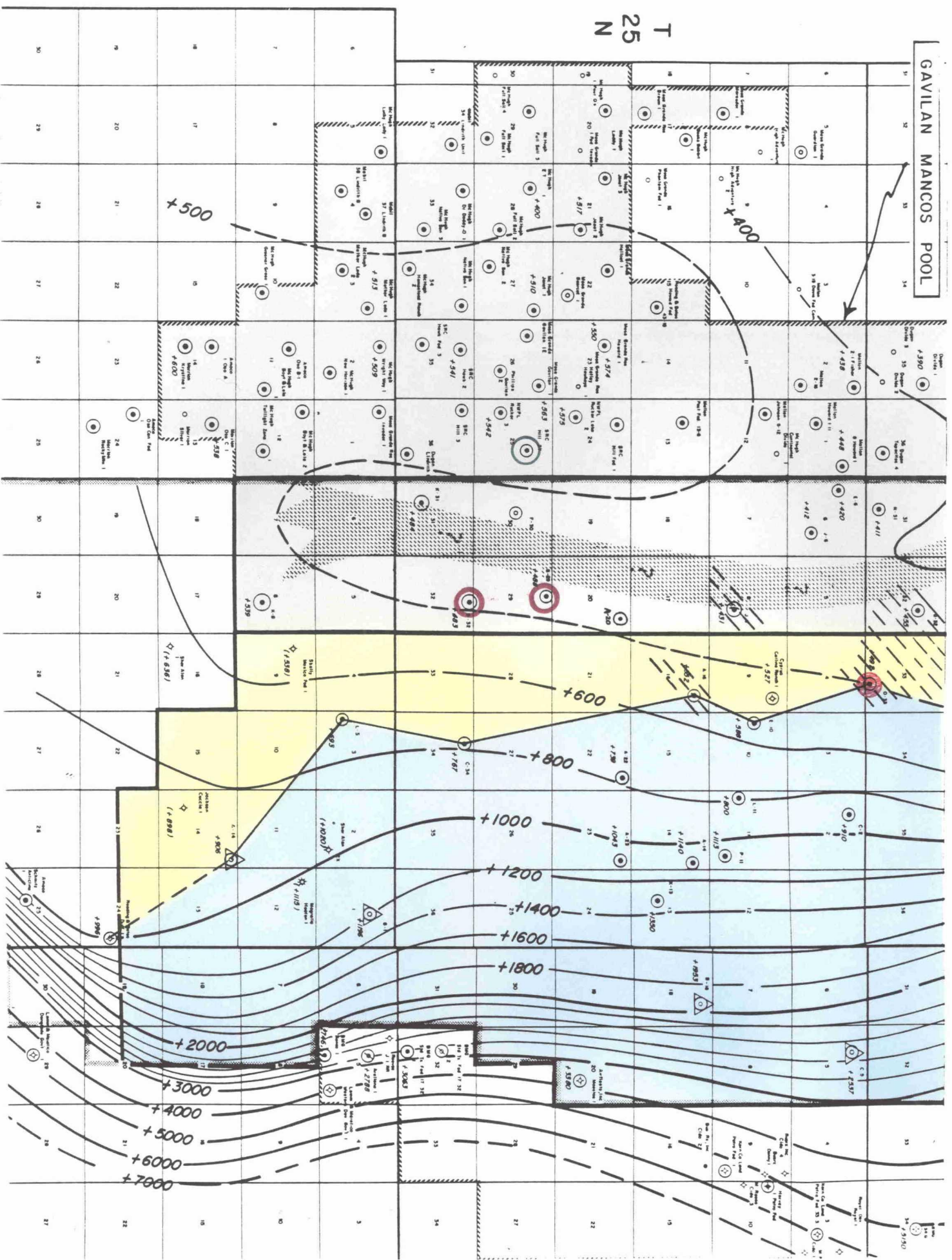
DIRECTION OF UNDERGROUND OIL MOVEMENT
SW/4 TOWNSHIP 25 NORTH, RANGE 1 WEST
AND
SW/4 TOWNSHIP 25 NORTH, RANGE 2 WEST

<u>Date</u>	<u>GAVILAN AREA</u>		<u>Apparent Direction of Reservoir Flow</u>	<u>CANADA OJITOS UNIT AREA</u>		
	<u>Well</u>	<u>Location</u>		<u>Pressure</u>	<u>Well</u>	<u>Location</u>
1982	First wells		East	1750-1800	None	
1983			↔			
1/17/85	Native Son #1	34-T25N-R2W	West	1696	B-32	32-T25N-RLW
2/09/86	Various		West	1546-1620	B-29	29-T25N-RLW
9/03/86	Hill Fed. 2-Y	25-T25N-R2W	West	1394-1406	B-29	29-T25N-RLW

Remarks regarding sources of above data:

- 1/17/85 Native Son #1: Amerada bomb. Pressure interpolated between pressures taken 12/17/84 and 2/18/85. Gavilan engineering committee records.
- COU B-32: (Outside study area.) Amerada bomb. Pressure reported in application to Department of the Interior for 13th expansion of the Canada Ojitos Unit Participating Area.
- 1/09/86 Gavilan area wells: Amerada and GRC bombs. Pressure range taken from Page 3 of Dugan Exhibit #2 in Case 8946, August 7, 1986. Basic data source Gavilan engineering committee.
- COU B-29: Pressure reported to Department of the Interior in application for 14th expansion of the Canada Ojitos Unit Participating Area.
- 9/03/86 Interference test conducted on fracing Canada Ojitos Unit F-30. Wells in test: Hill Federal 2-Y, COU B-29 and COU B-32. Hill Federal 2-Y pressures reported to Gavilan engineering committee 11/5/86. Meridian calculation of datum pressures: pressure difference due to different wirelines used in setting the pressure gauge. GRC bomb. B-29 pressures measured with GRC bomb.

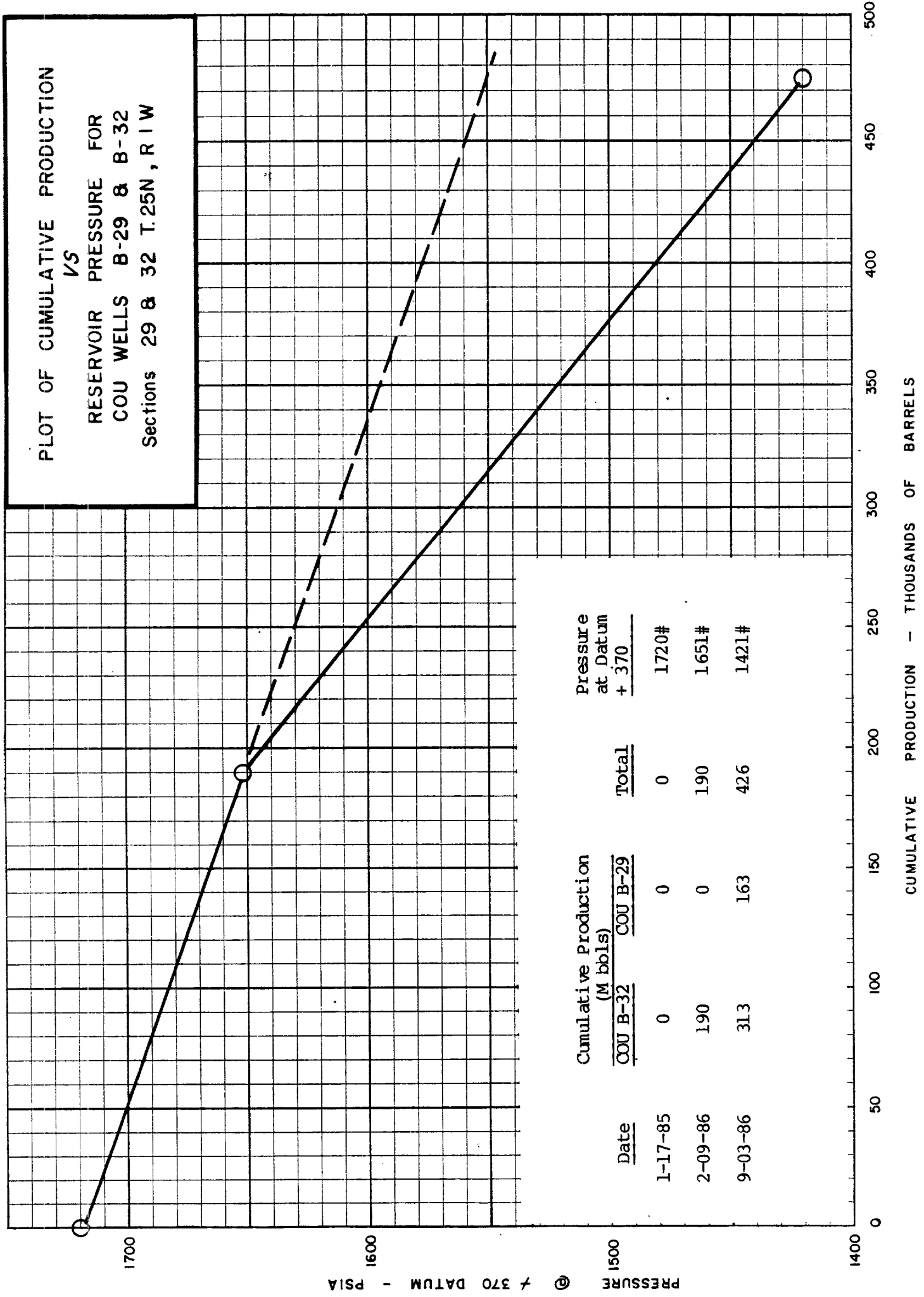
GAVILAN MANCOS POOL



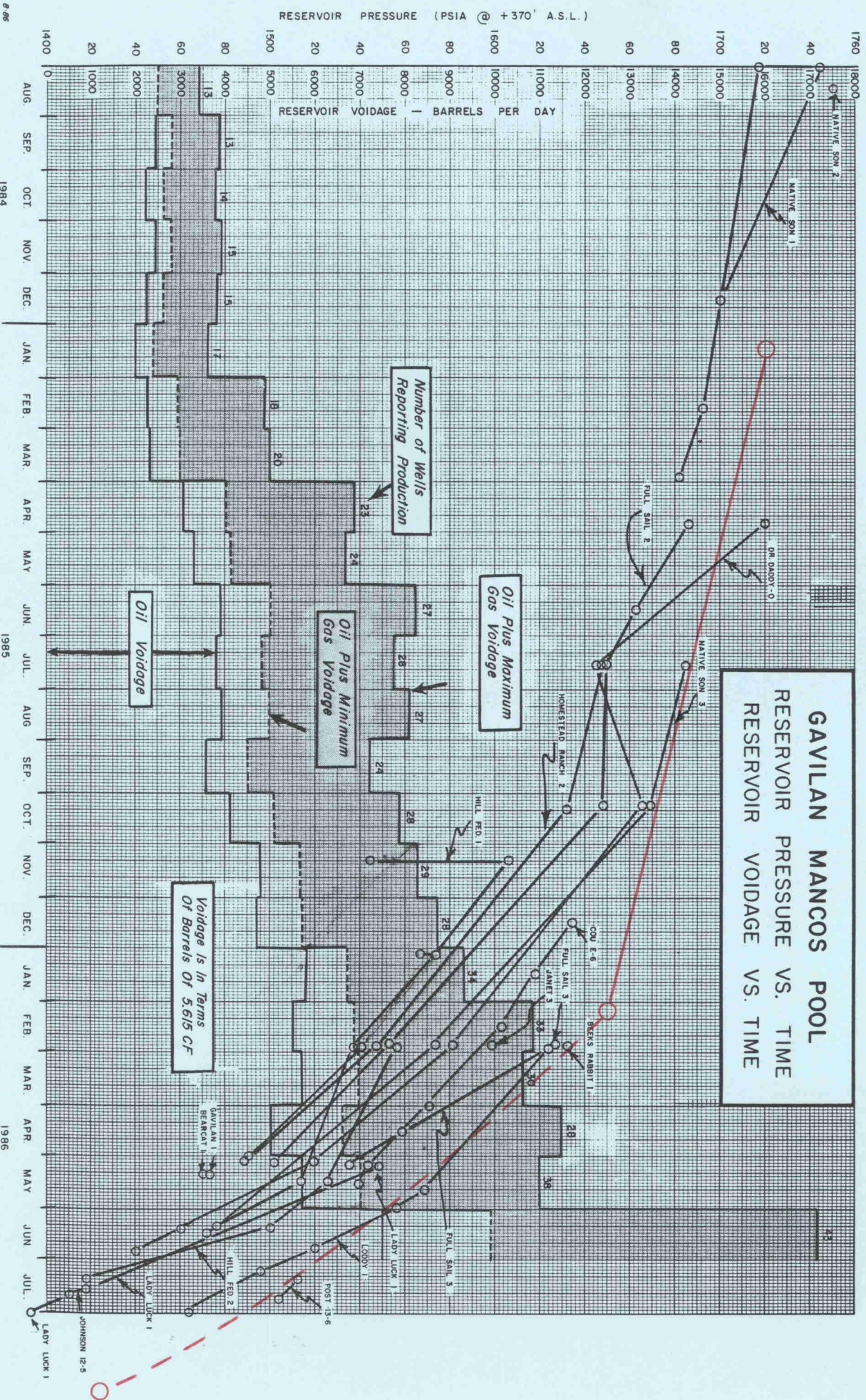
T 24 N

T 25 N

PLOT OF CUMULATIVE PRODUCTION
 VS
 RESERVOIR PRESSURE FOR
 COU WELLS B-29 & B-32
 Sections 29 & 32 T.25N, R1W



Date	Cumulative Production (M bbls)		Total	Pressure at Datum + 370
	COU B-32	COU B-29		
1-17-85	0	0	0	1720#
2-09-86	190	0	190	1651#
9-03-86	313	163	426	1421#



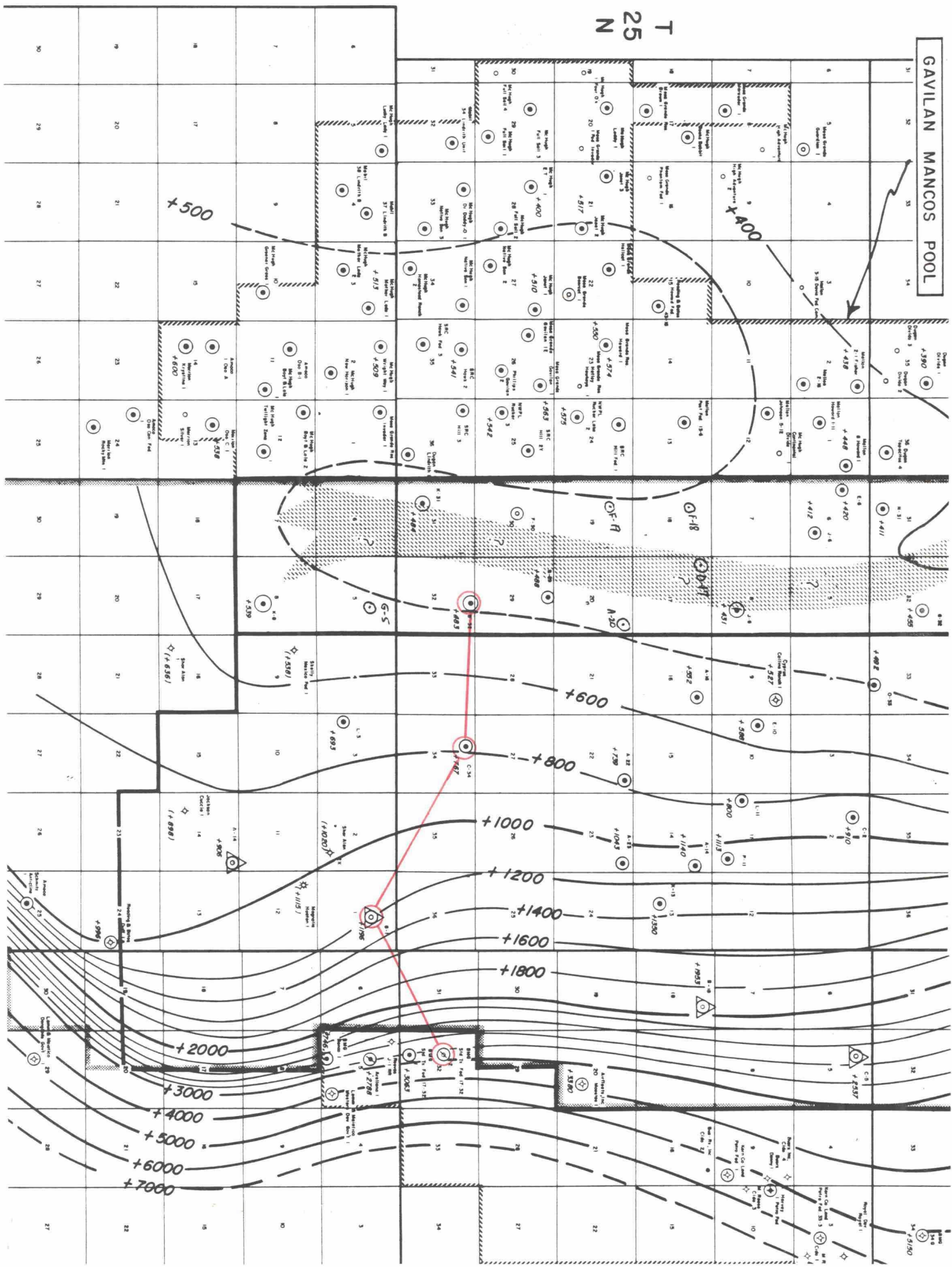
34 4515



GAVILAN MANCOS POOL

T 25 N

T 24 N

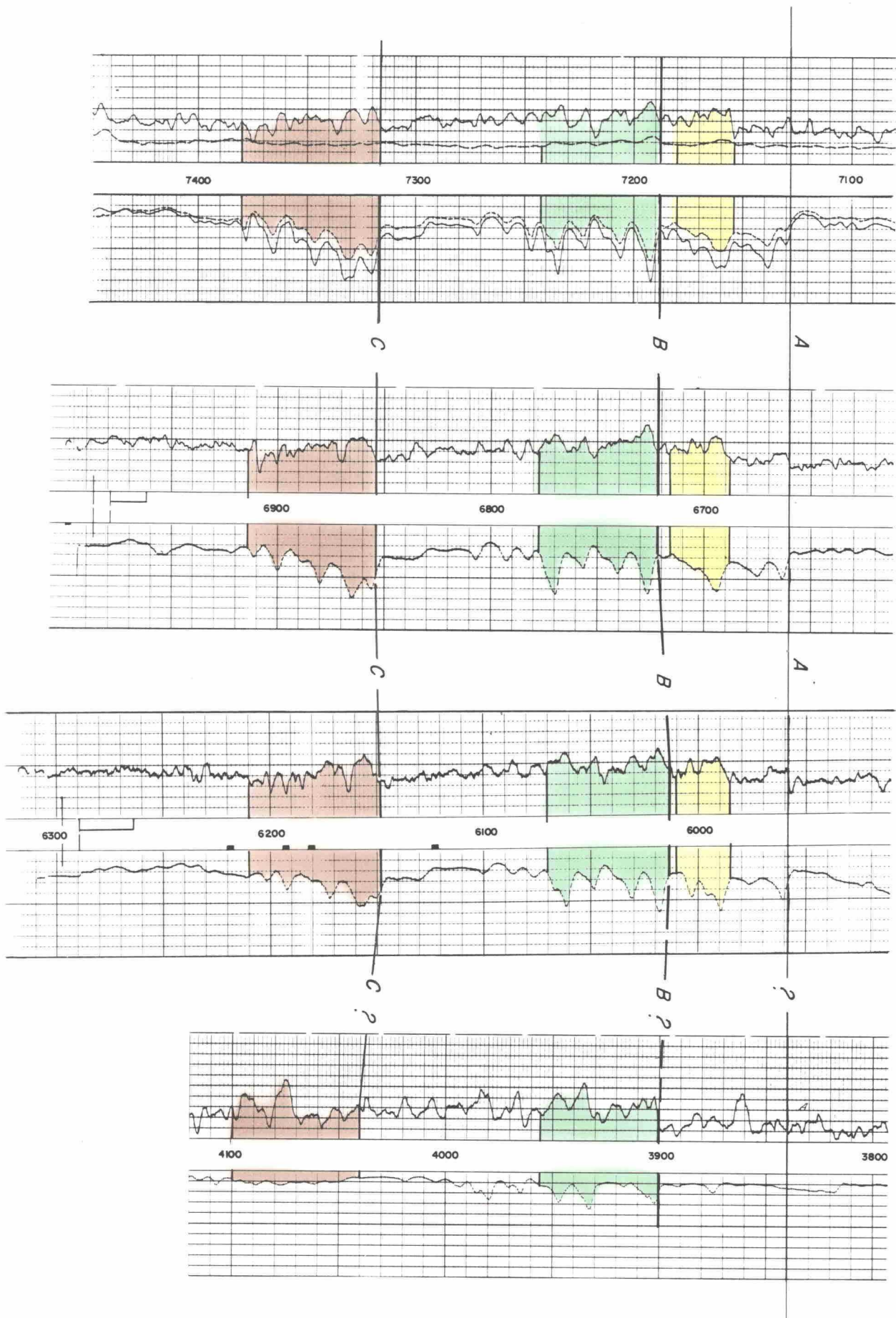


B-M-G DRLG. CORP.
Canada Ojitos Unit B-32
NW/NE Sec. 32-25N-1W

B-M-G DRLG. CORP.
Canada Ojitos Unit C-34
NE/NW Sec. 34-25N-1W

B-M-G DRLG. CORP.
Canada Ojitos Unit G-1
SW/NE Sec. 1-24N-1W

STD. OIL OF TEXAS
Fed. 17-32 #2
SE/NW Sec. 32-25N-1E

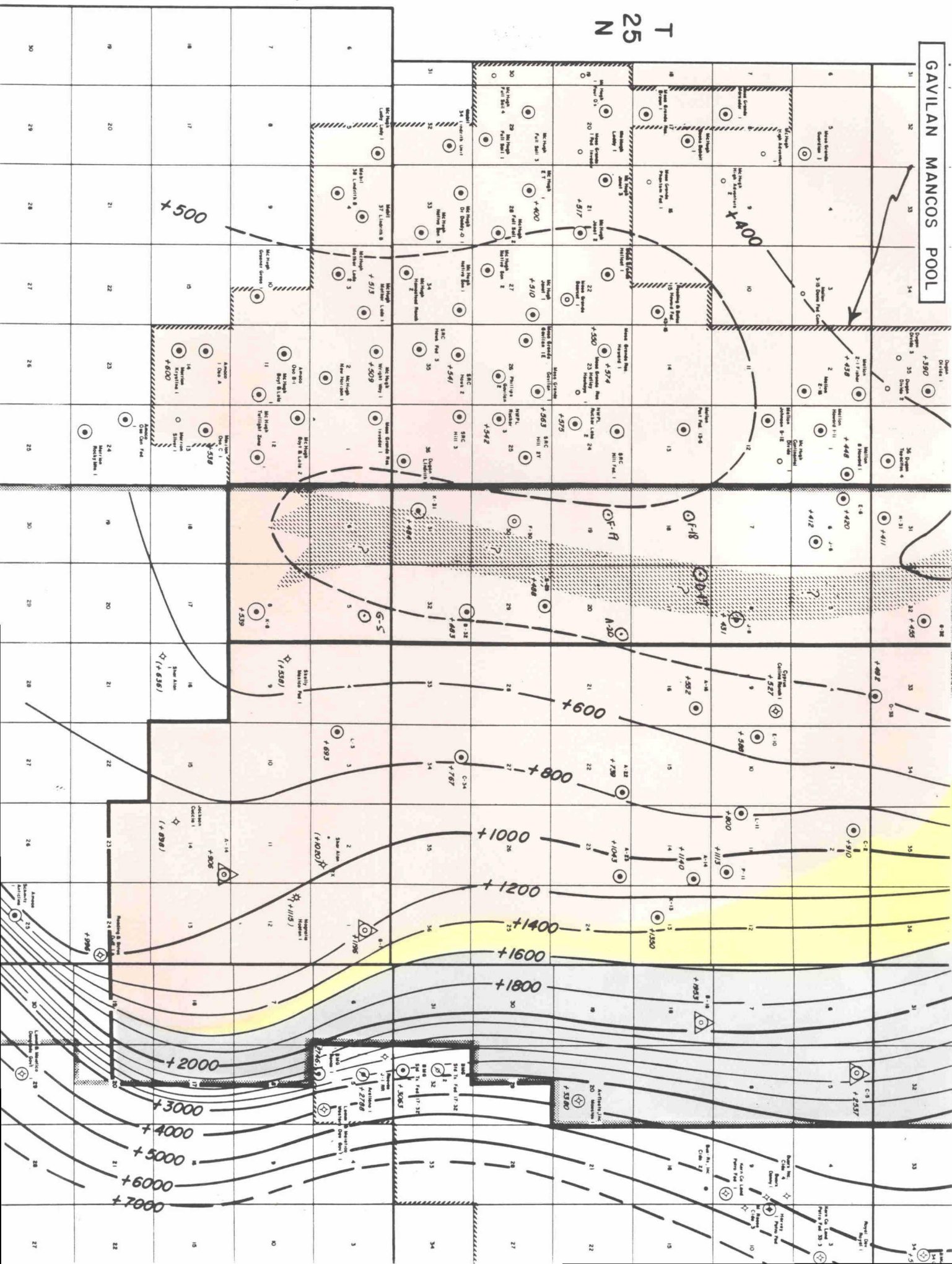


EVIDENCE OF COMMUNICATION: OLDER A & B ZONE WELLS

If the zones are stratified as applicants believe, and as described earlier herein, then the A and B zones will have suffered a relatively rapid decline in pressure in 1985 and 1986 as shown on the plot of pressure versus time in Dugan Production Corp.'s Exhibit #2, Page 2, in Case 8946, August, 1986.

Accordingly it is to be anticipated that the production histories of older A and B zone wells might reflect this rapid pressure decline. On the following pages we examine production histories of the two principal Canada Ojitos Unit A and B zone wells along with the Dugan Tapacitos 2, which we believe produces primarily from the B zone.

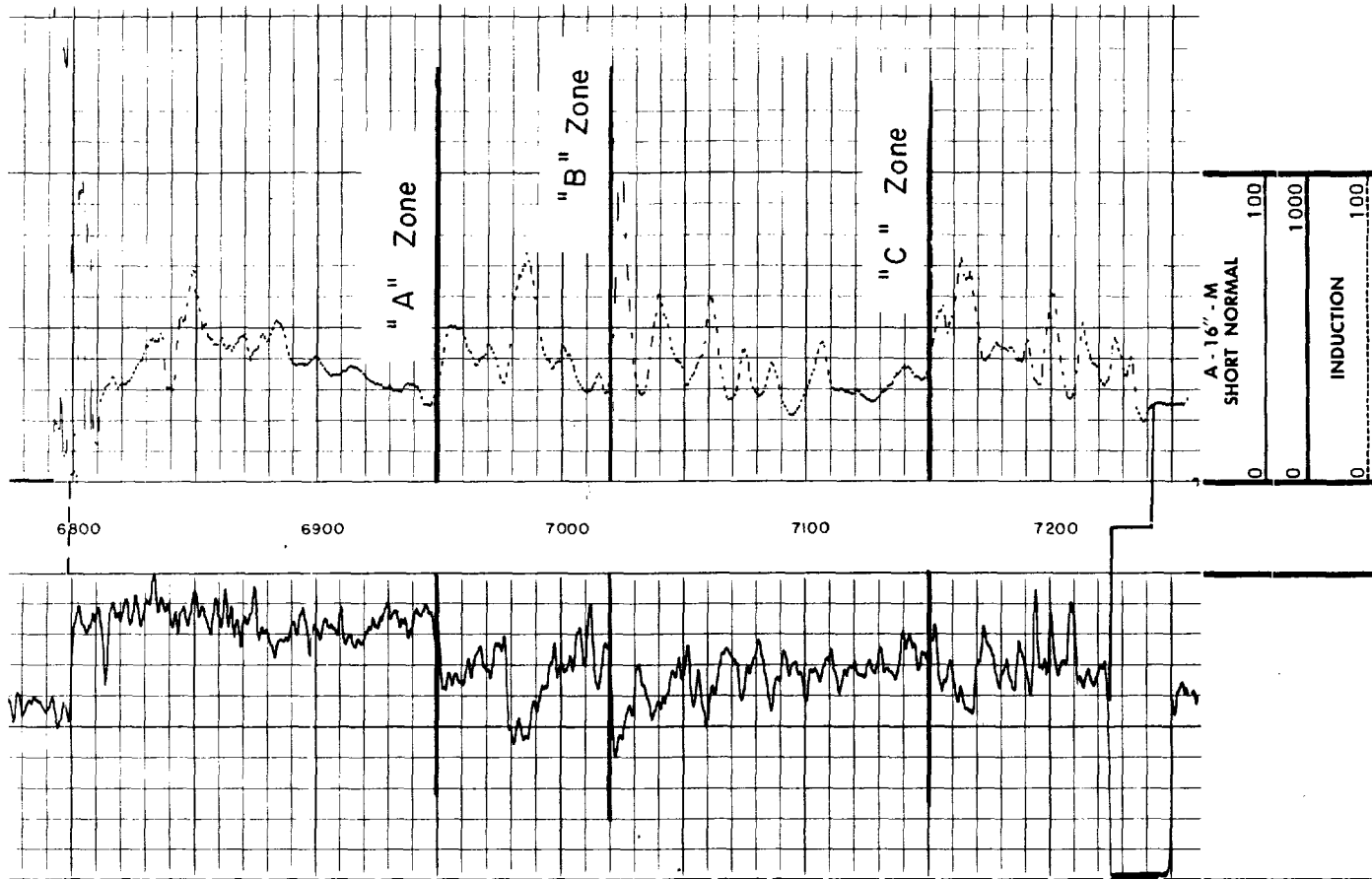
T
24
N



Schlumberger

INDUCTION-ELECTRICAL LOG
INDUCTION-GAMMA RAY LOG

COMPANY BENSON-MONTIN-GREER		
DRILLING CORPORATION		
WELL CANADA OJITOS UNIT #13 (L-27)		
FIELD CANADA OJITOS UNIT		
COUNTY RIO ARRIBA	STATE NEW MEXICO	
LOCATION 1415'S 740'W		
Sec. 27	Twp. 26N Rge. 1W	
Other Services: NONE		
Permanent Datum: GL Elev. 7451		
Log Measured From: KB 14 Ft. Above Perm. Datum		
Drilling Measured From: KB		
Elev.: K.B. 7465 D.F. 7464 G.L. 7451		
Date	7-31-69	8-7-69
Run No.	ONE	TWO
Depth-Driller	6633	7248
Depth-Logger	6625	7250
Btm. Log Interval	6624	7243
Top Log Interval	322	6799
Casing-Driller	10 3/4	319 7 5/8 @ 6799
Casing-Logger	322	6799
Bit Size	9 7/8	6 3/4
Type Fluid in Hole	FGM	OIL
Dens.	8.4	76
pH	-	-
Fluid Loss	-	-
Source of Sample	MUDPIT	-
R _m @ Meas. Temp.	3.26 @ 87°F	-
R _{ml} @ Meas. Temp.	1.91 @ 84°F	-
R _{mc} @ Meas. Temp.	-	-
Source: R _{ml}	M	-
R _{mc}	-	-
R _m @ BHT	2.18 @ 130°F	-
Time Since Circ.	3 HOURS	4 HOURS
Max. Rec. Temp.	130°F	-
Equip. Location	4542 FARM	3872 FARM
Recorded By	ROBERTSON	SCHULTZ
Witnessed By	MR. STOABS & MR. LONDON	



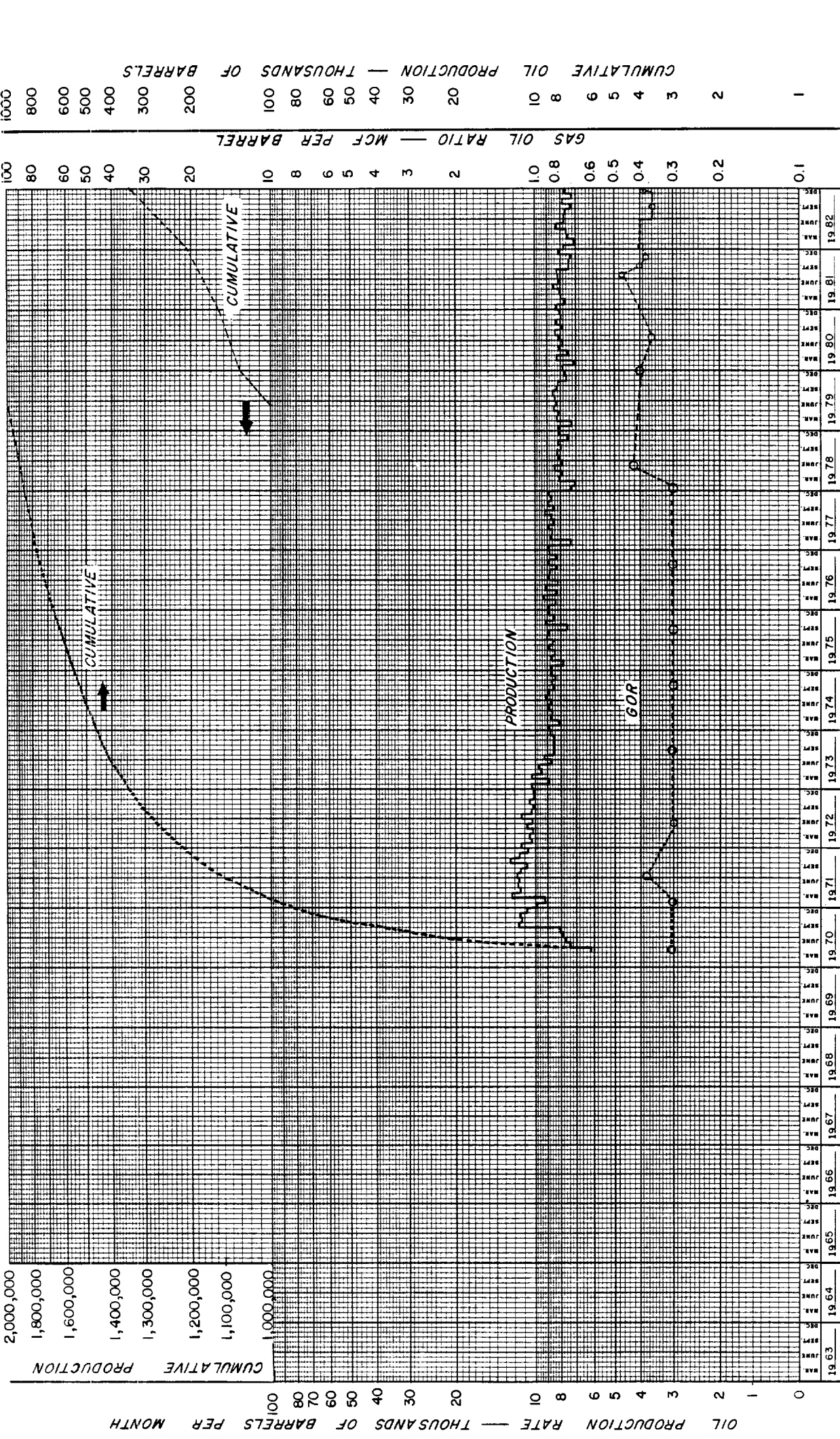
THE CANADA OUITOS UNIT L-27: A "B" ZONE PRODUCER

This well has produced approximately 1.5 million barrels oil (in perspective approximately one-half the total cumulative volume as of January 1, 1987 of all Gavilan wells).

August 6, 1969: While drilling with gas and having reached a depth of 7040' the drilling report shows the well "surfaced fluid with gas pressure which cleaned hole at 7040'". At this depth the well tested oil at the rate of approximately 6 to 8 barrels per hour. (B zone production - see log on facing page).

September 30, 1969: Attempted to frac the C zone; well screened out with 1/4# per gallon sand.

October 2, 1969: Perforated, acidized and fraced A and B zones with 90,000# 20/40 sand and 57,000# 10/20 sand.

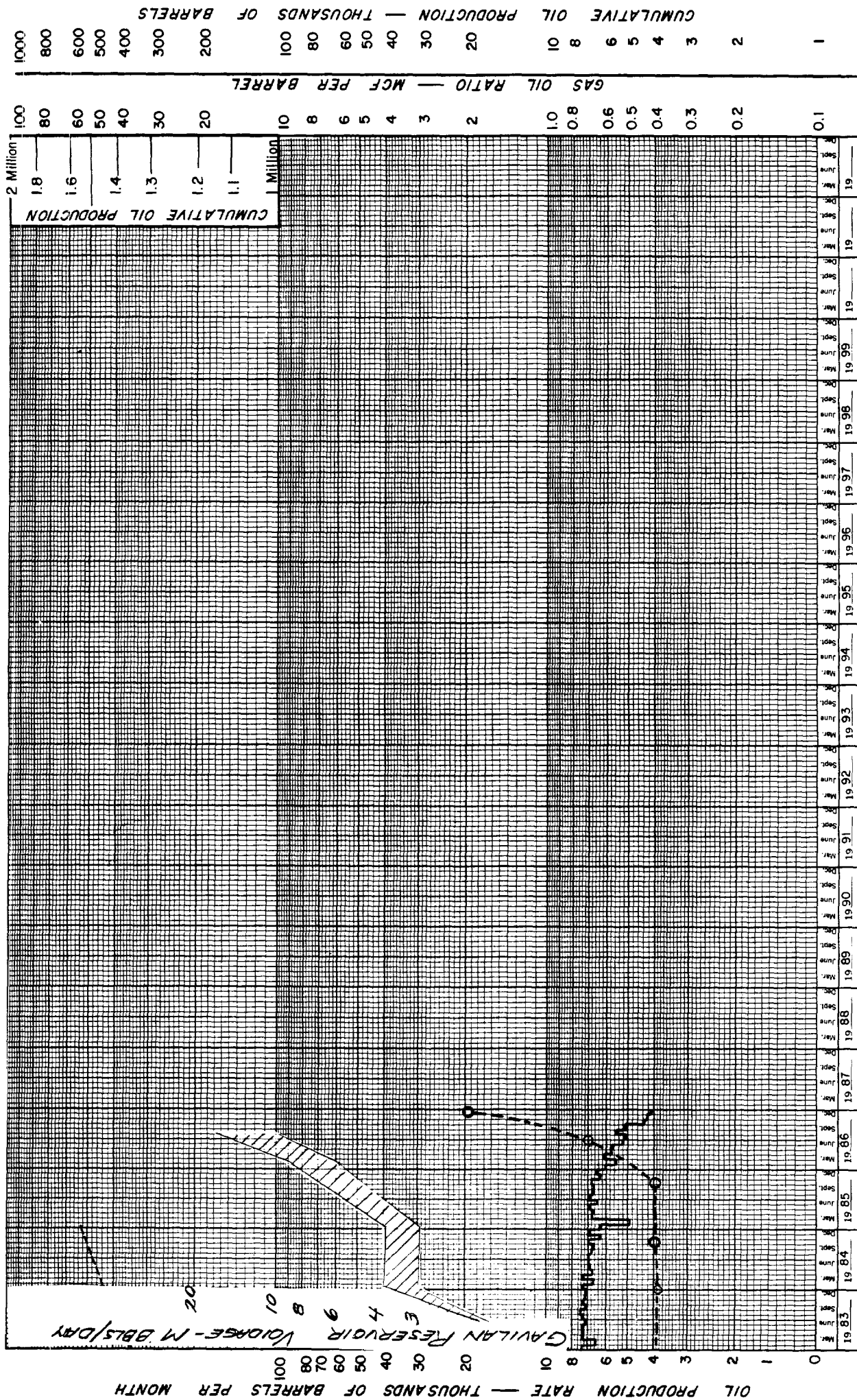


C.O.U. L-27
PRODUCTION
HISTORY

S. 27 - 26N - 1W

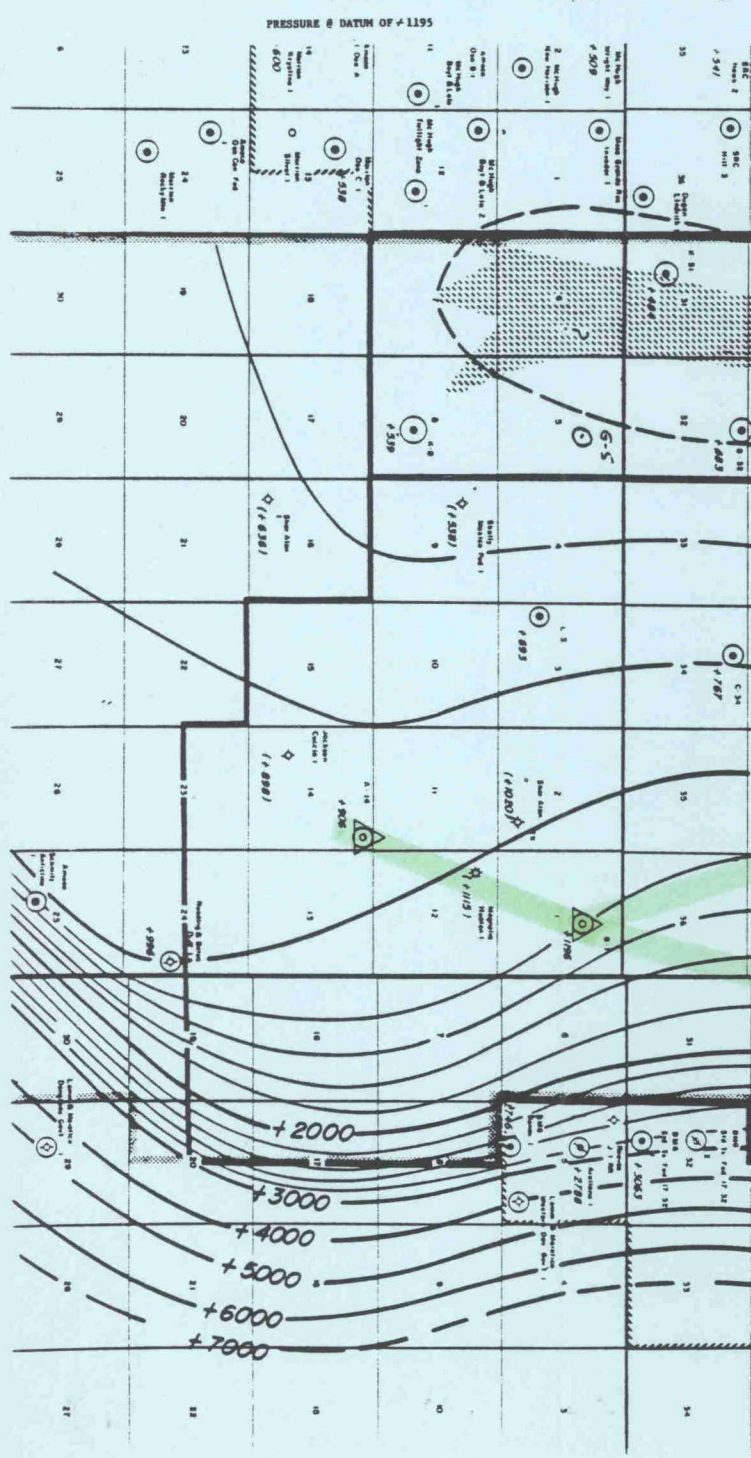
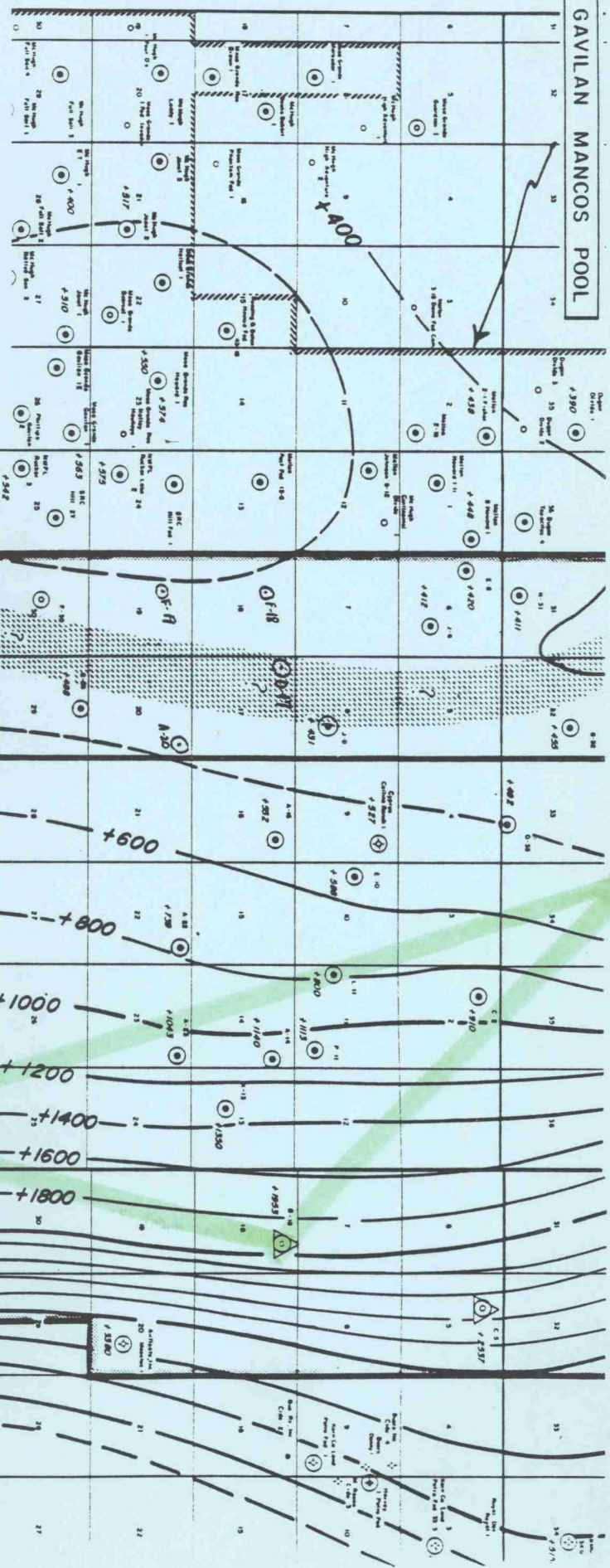
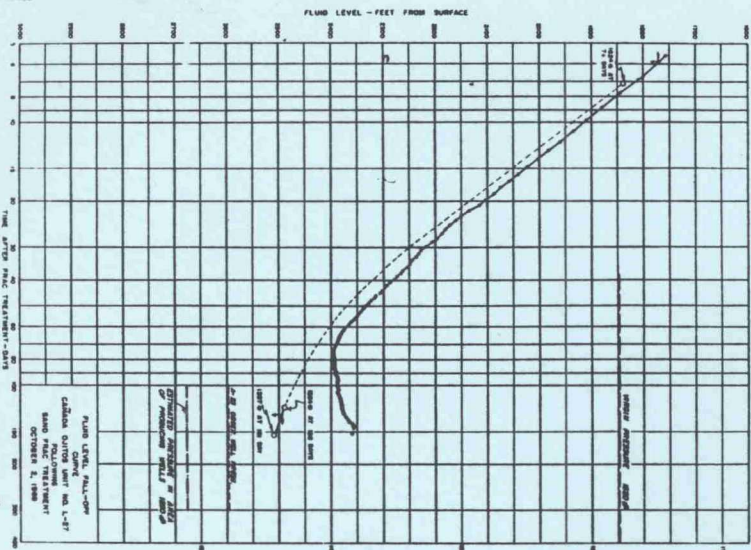
PRODUCTION HISTORY
CANADA OJITOS UNIT WELL L-27

PRODUCTION HISTORY
CANADA OJITOS UNIT WELL L-27



GAVILAN MANCOS POOL

T 25 N



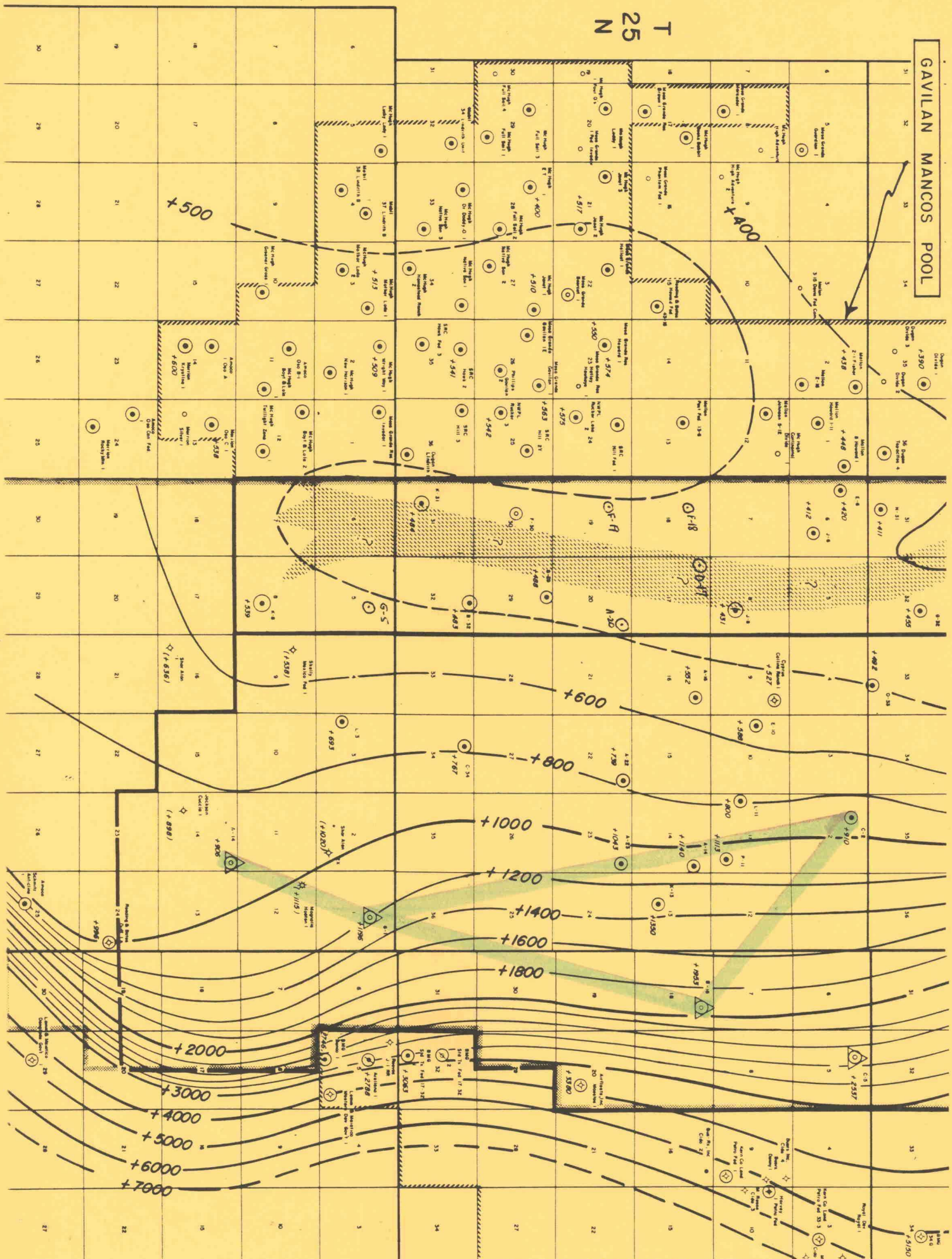
PRODUCTION RATE - BOPD



#C-2 CANADA OILS UNIT

GAVILAN RESERVOIR VOIDAGE - THOUSANDS of BBLs/DAY

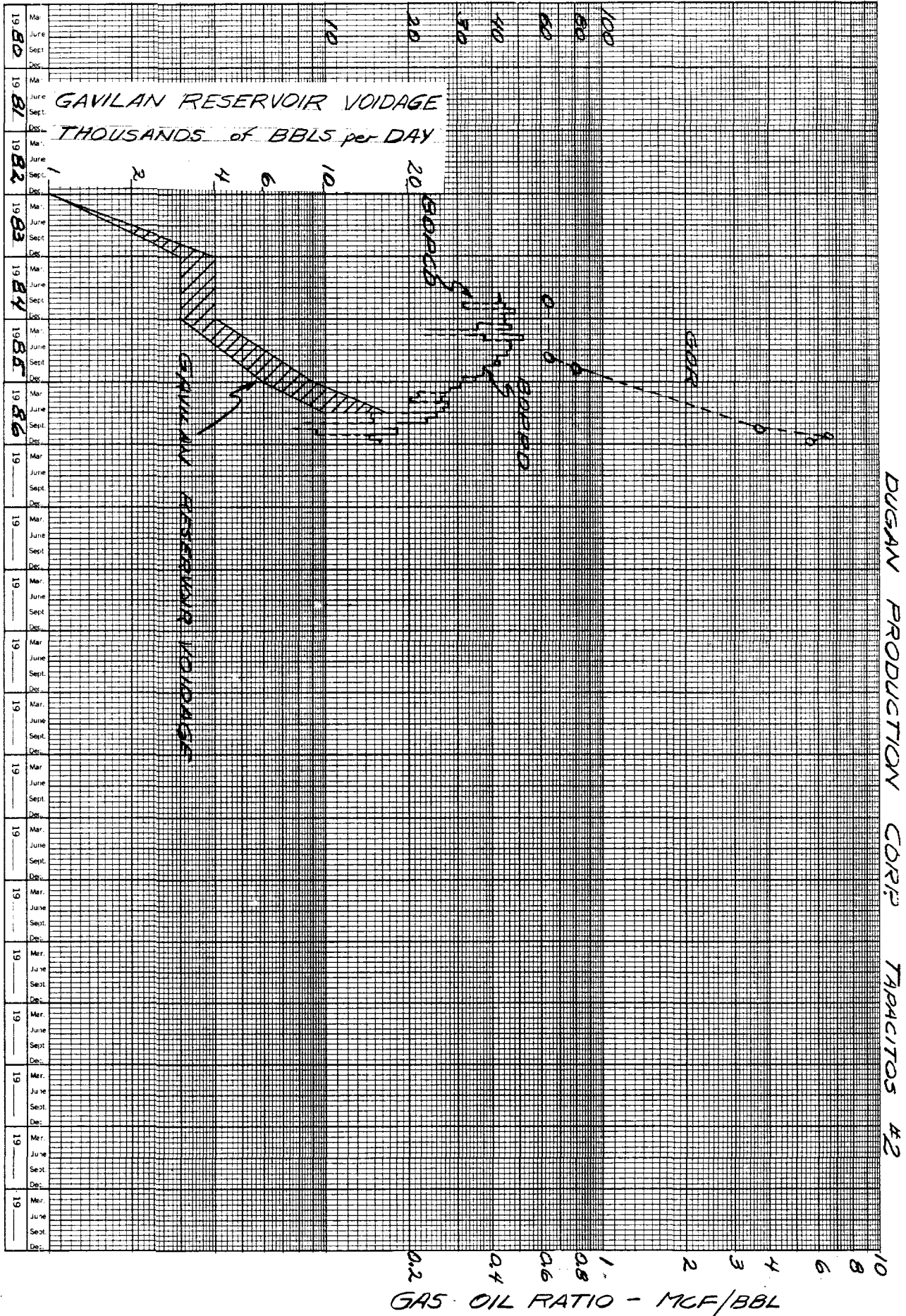
GAVILAN MANCOS POOL



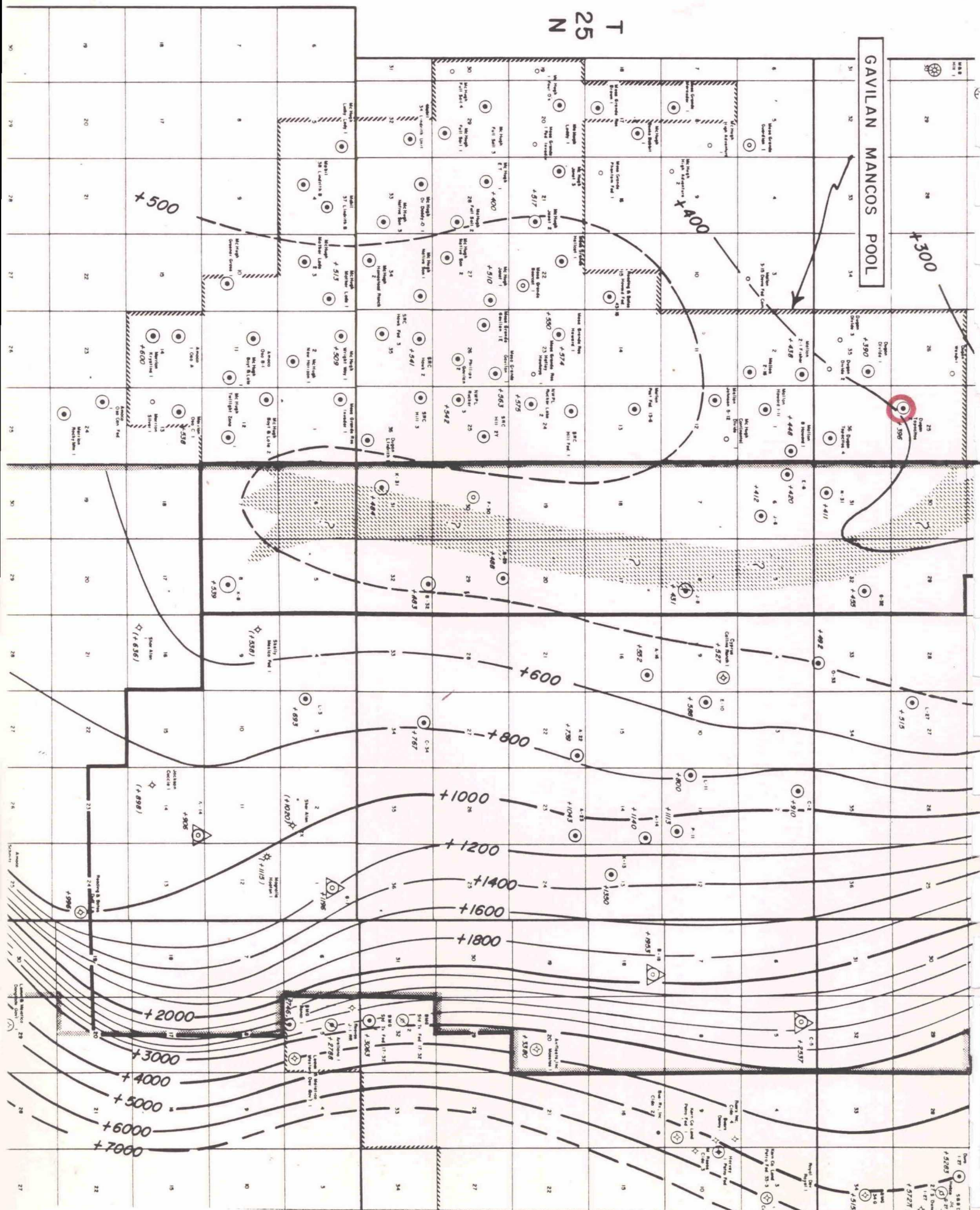
T 24 N

T 25 N

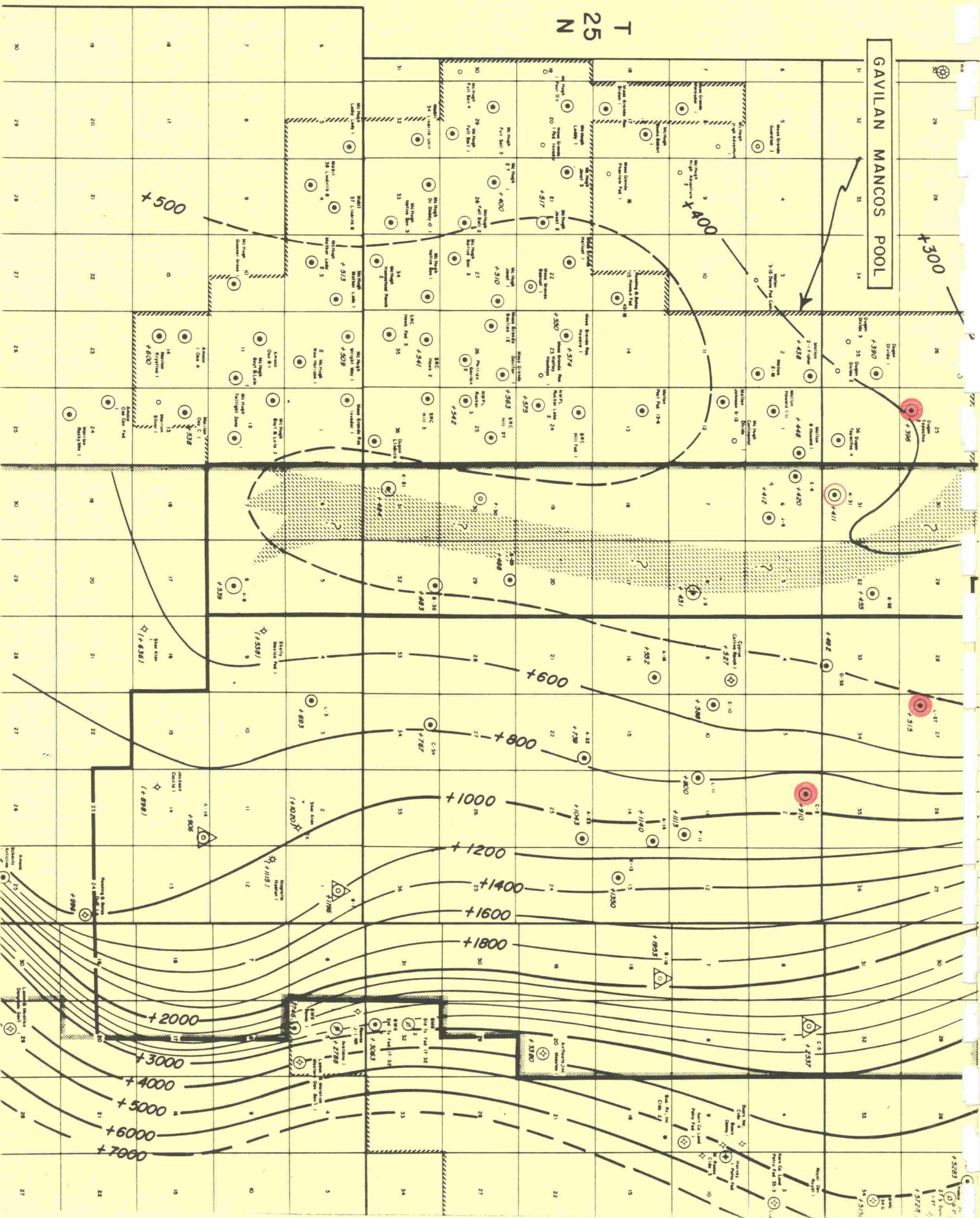
PRODUCTION RATE- BOPD



GAVILAN MANCOS POOL



GAVILAN MANCOS POOL



SOUTH GAVILAN ("KRYSTINA AREA") : EVIDENCE OF COMMUNICATION
AND A PROBLEM IN PROTECTION OF CORRELATIVE RIGHTS

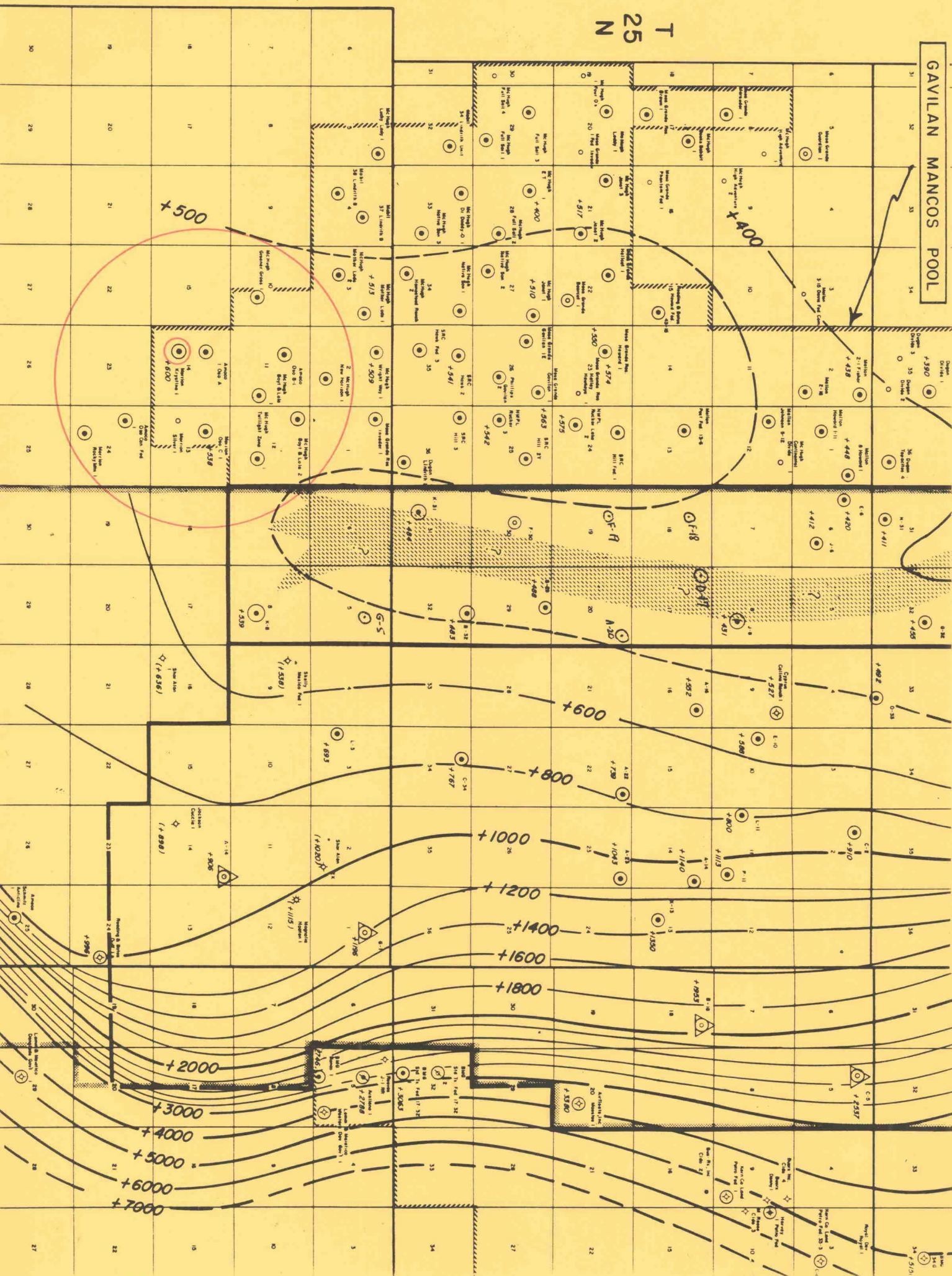
On first review of this area by the engineering committee, it noted low pressures and low well productivities and - in a sense - concluded that the "Krystina area" was not significant in its studies and could be disregarded. (Although it had been called to the committee's attention that wells in this area might make good injection wells.)

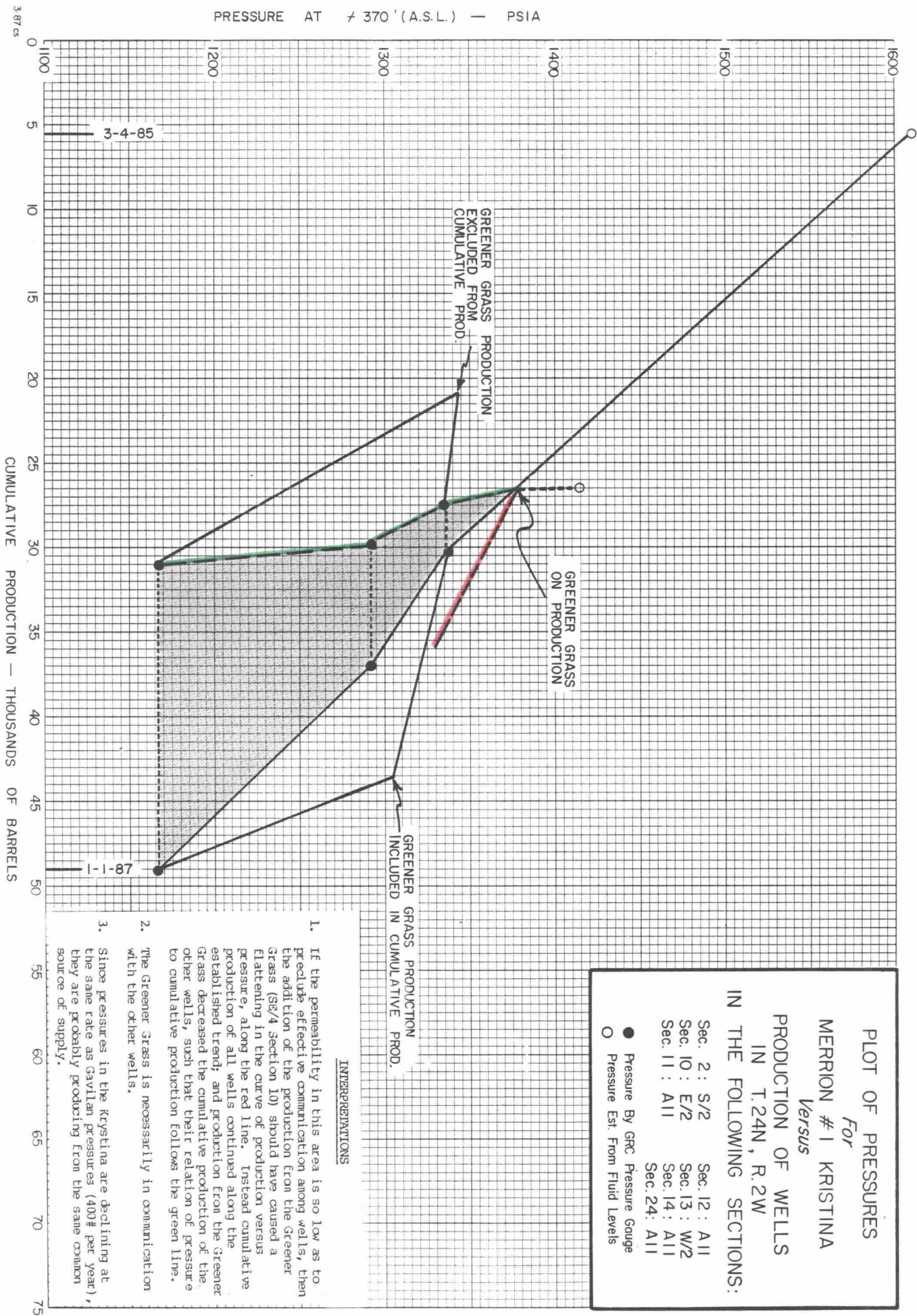
The engineering committee may have been a little hasty in making its initial assessment.

Production behavior now indicates these wells to be drawing production from the same common source of supply as the main Gavilan wells; and that overall reservoir depletion rate will probably control depletion rate of the "Krystina area" wells.

Excessive depletion rate of the reservoir as a whole will deny Krystina-situated wells an opportunity to produce their shares of the producible reserves.

T 25 N

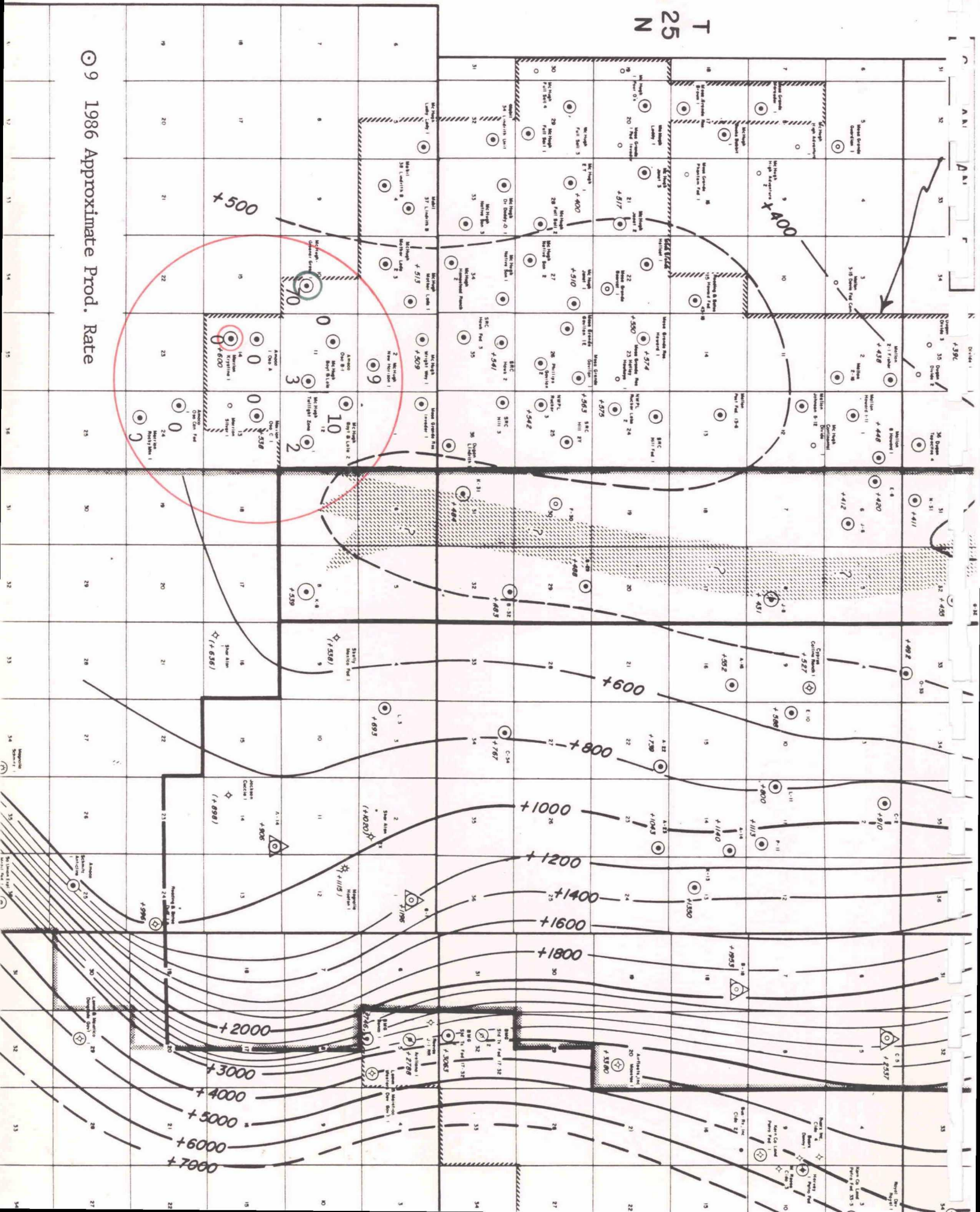




T 25 N

T 24 N

© 1986 Approximate Prod. Rate



COMPARISON OF CORE ANALYSES
MOBIL LINDRITH B UNIT #38 WITH MALLON 3-15 DAVIS FEDERAL

In Case 8950 Benson-Montin-Greer Drilling Corp. (B-M-G) Exhibit #8, Section F, addressed the question of the validity of the oil and water saturations shown by the core analyses of the Mobil Lindrith B Unit #38.

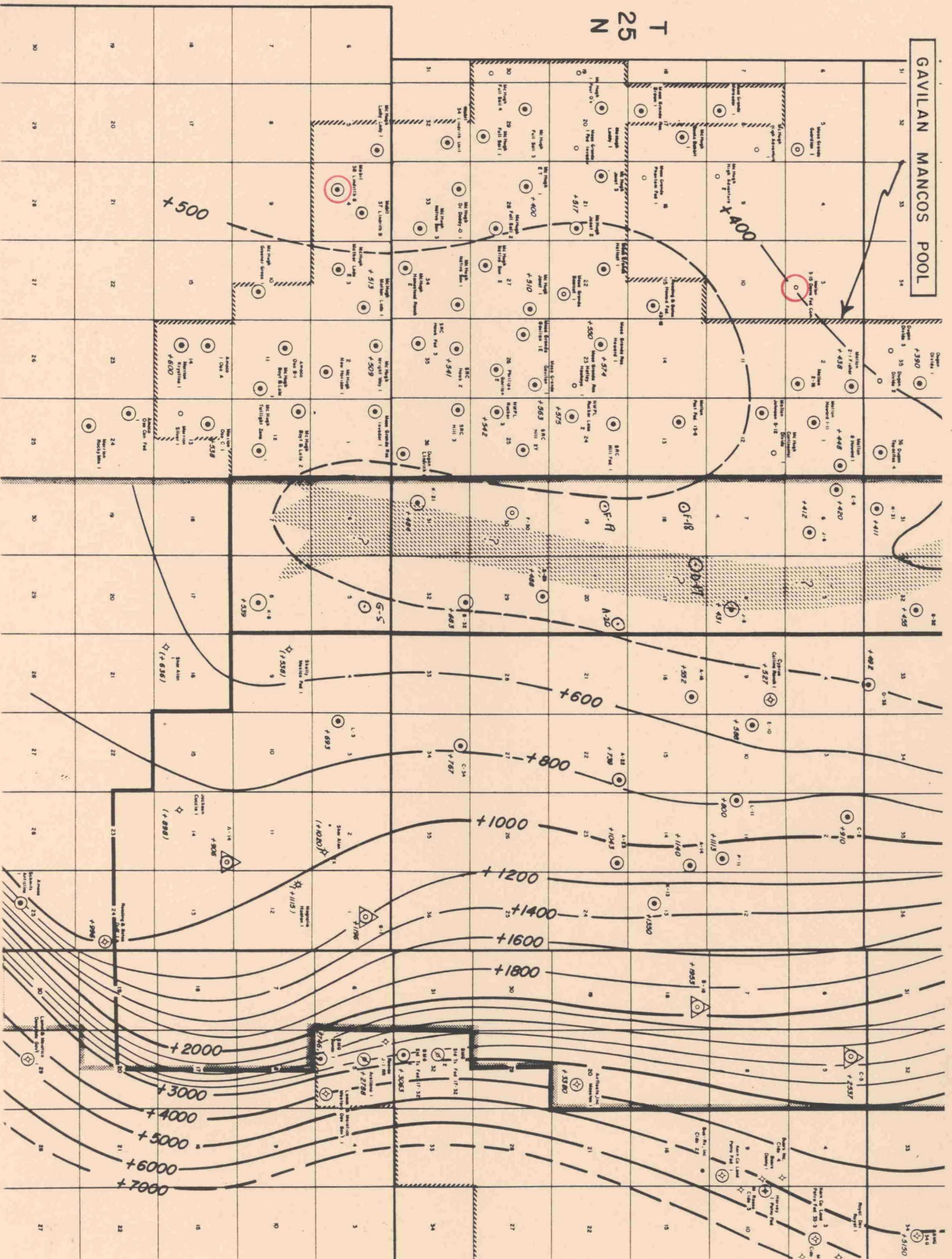
B-M-G's concerns stem from the method in which the cores were analyzed for oil and water saturations (the samples were retorted to high temperatures; which implied the possibility of "cooking out" the shale's water of hydration and kerogen, thus leading to erroneous values for oil and water saturations). Detailed calculations presented by B-M-G in that exhibit identified a large number of suspect samples. B-M-G concluded that the results of the core analyses were unreliable for estimating oil and water content: that the water saturations very likely would be much higher than the analyses showed - and very well could be so high as to preclude any oil production from the matrix porosity.

Water saturations taken from the Mallon 3-15 were determined using a method more appropriate for this type formation and the results of these analyses do indeed show much higher water saturations - confirming that B-M-G's earlier concerns about the Mobil core analyses were well-founded.

On the graph next following (gold color - duplicate of graph in Section G of B-M-G Exhibit #8 in Case 8950) is a plot of water saturation versus permeability for the Mobil well; and next following that graph is one (blue color) on which is shown this same information plus similar data for core analyses from the Mallon Davis 3-15.

The higher - and more accurate - water saturations as shown by the Mallon core analyses are clearly demonstrated thereon.

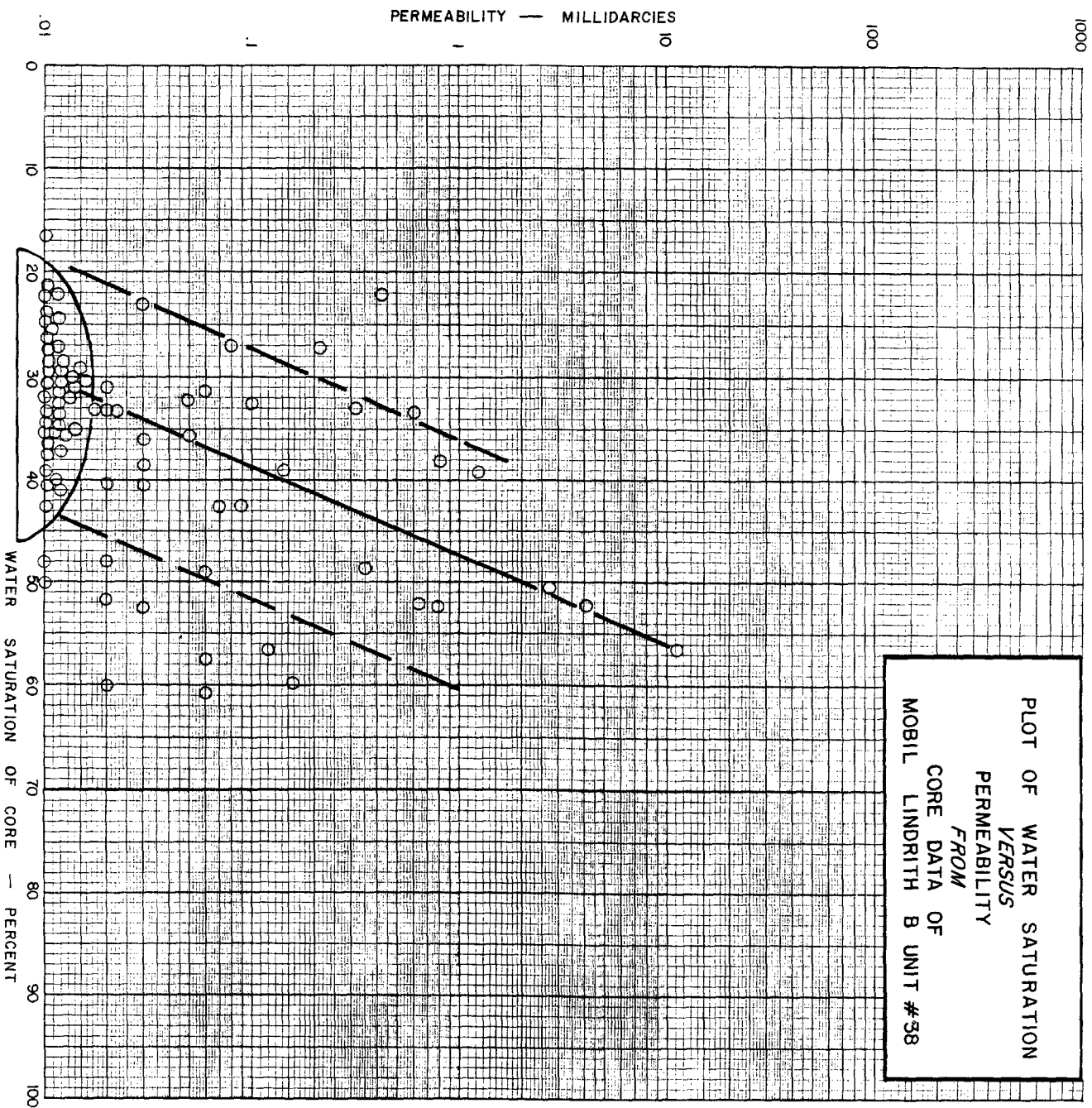
GAVILAN MANCOS POOL



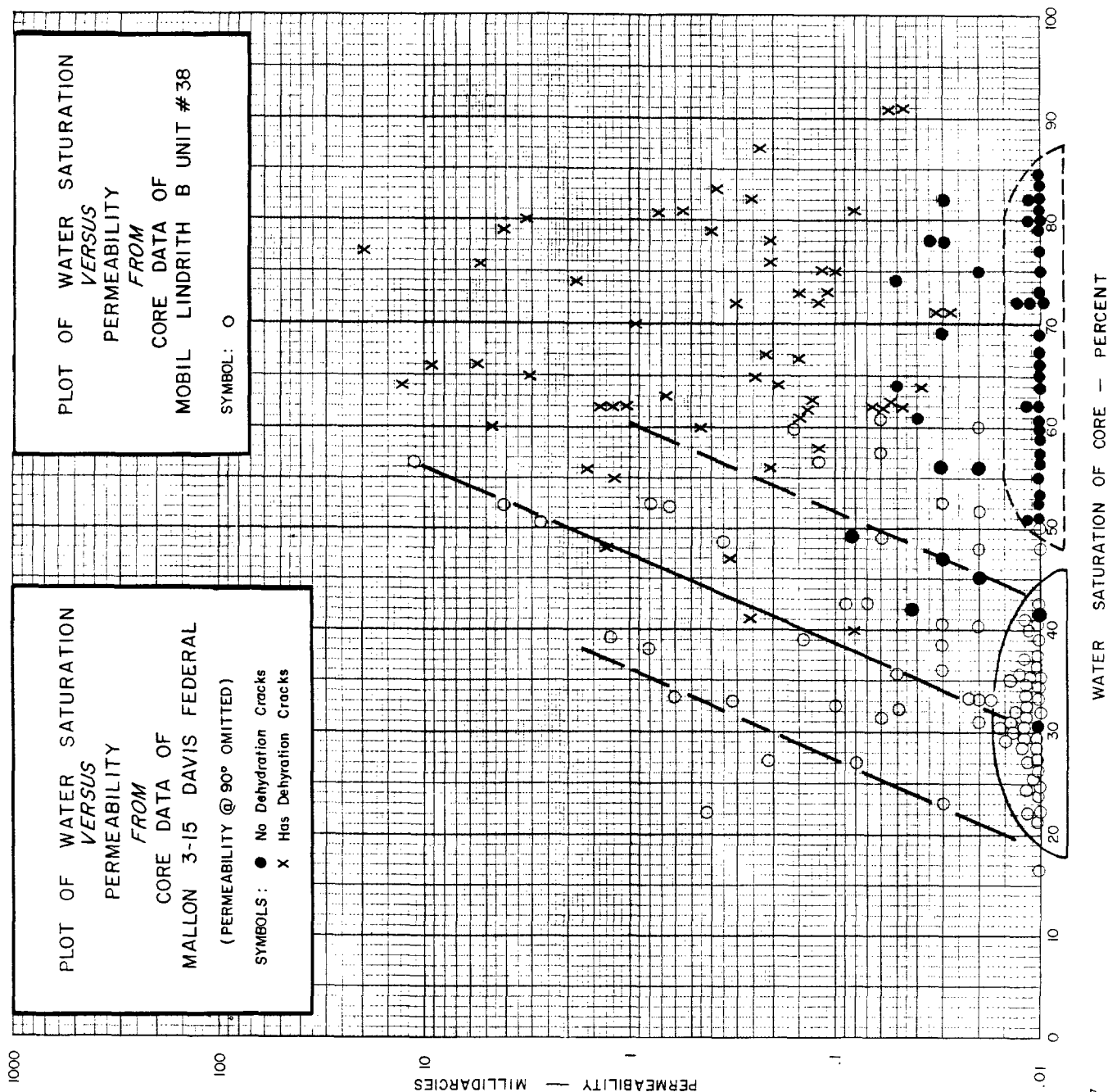
T
25
N

T
24
N

PLOT OF WATER SATURATION
 VERSUS
 PERMEABILITY
 FROM
 CORE DATA OF
 MOBIL LINDRITH B UNIT #38



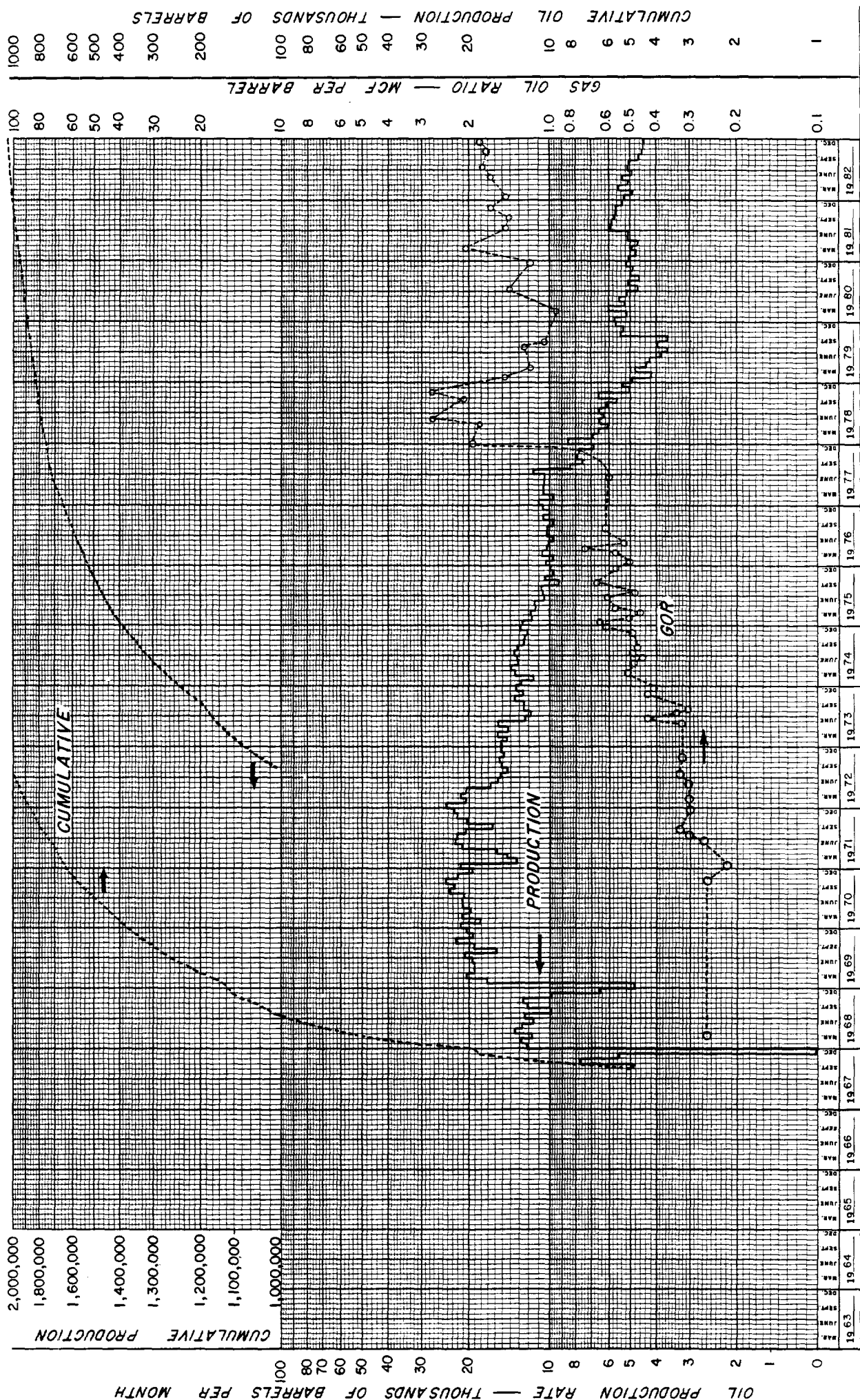
COMPARISON OF WATER SATURATION DATA MOBIL LINDRITH B UNIT #38 WITH MALLON 3-15 DAVIS FEDERAL



THREE SIGNIFICANT POINTS RESPECTING GRAVITY DRAINAGE
ARE DEMONSTRATED BY THE PRODUCTION HISTORY OF THE CANADA OJITOS UNIT E-10:

1. A large volume of oil (1.2 million barrels) was produced from this well at solution gas-oil ratio while the area was under pressure maintenance by gas injection (meaning most of this production was by gravity drainage). (To place this volume of oil in perspective: 1.2 million barrels is approximately 40% of the cumulative volume produced by all the wells in Gavilan as of January 1, 1987.)
2. The large volume of oil production from this well prior to significant breakthrough of injected gas (at a cumulative production of 1.7 million barrels) means that the high capacity fracture system supplying the gravity drainage constitutes a large proportion of the reservoir oil. If this were not so, the injected gas would immediately have channelled to the well.
3. The reservoir updip from the E-10 providing gravity drainage has a structural dip of only 200' to 400' per mile.

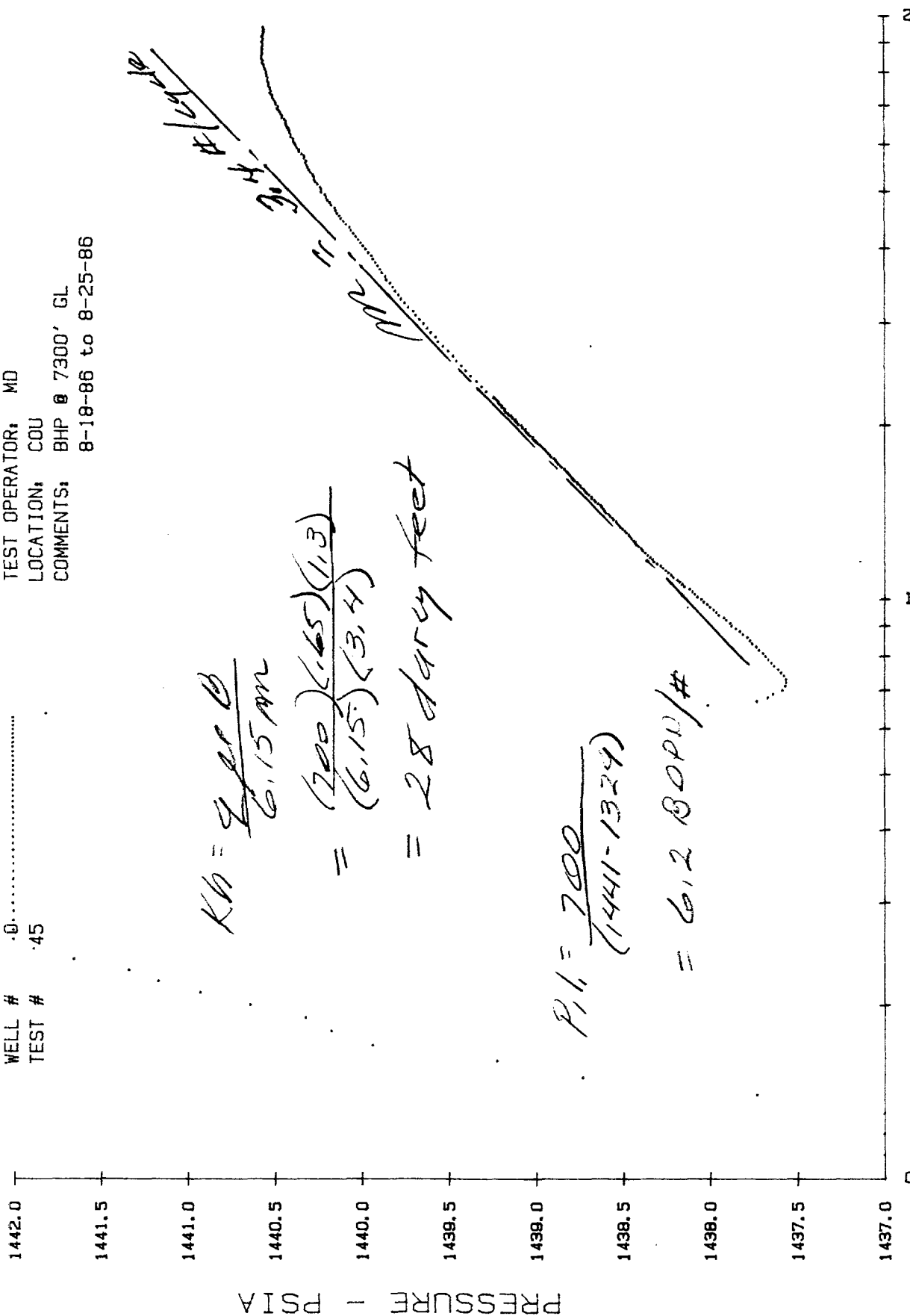
It is noted that determination of individual well transmissibilities (Kh) in this area showed relatively low values: and it was only by interference testing that the high capacity fracture system - which allowed the gravity drainage mechanism to operate - was revealed.



PRODUCTION HISTORY
CANADA OJITOS UNIT WELL E-10

*** SEMI-LOG PLOT ***

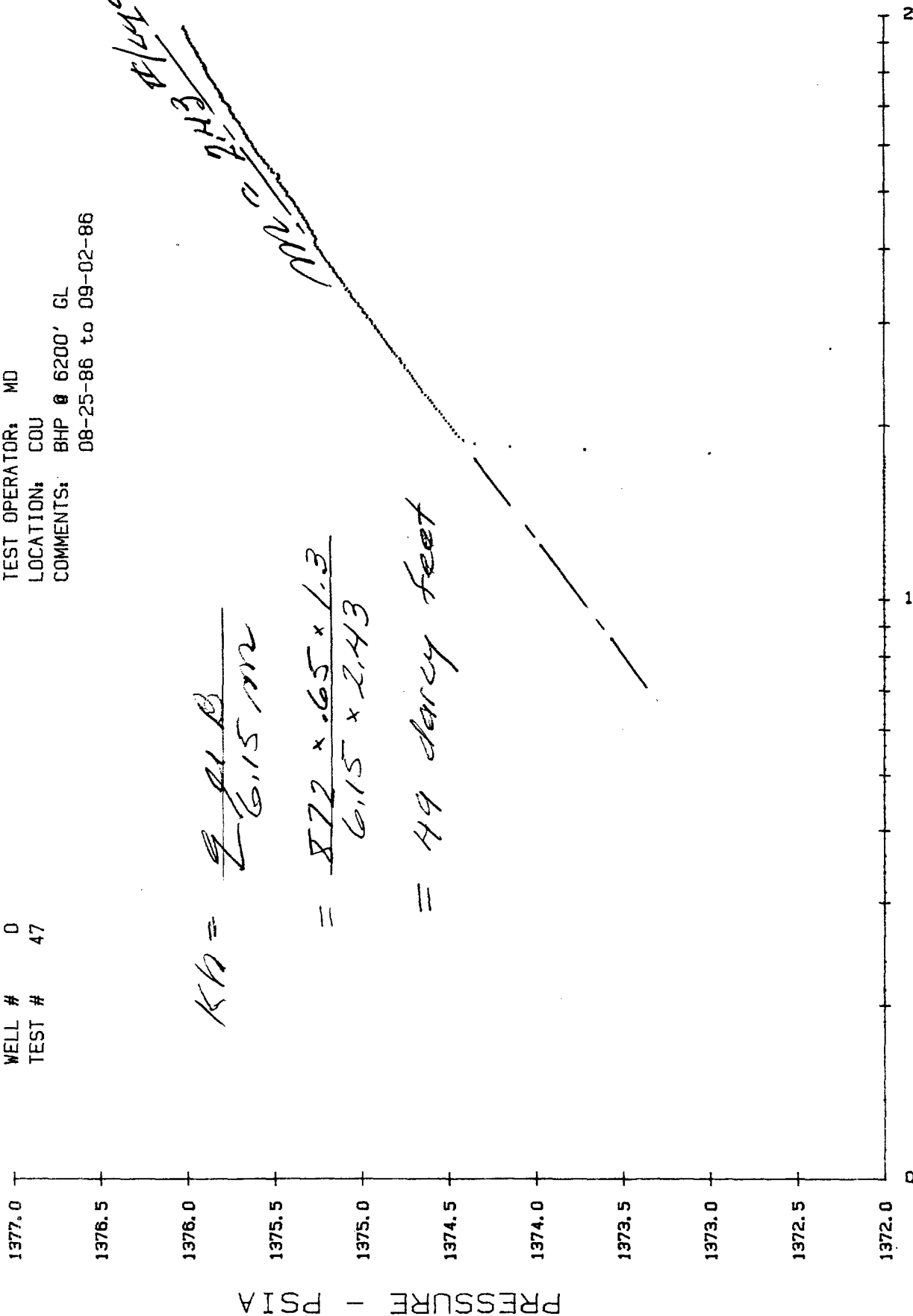
DATE: 8/19/86
 START TIME: 7/59/ 0
 GAUGE #69160
 WELL # .0.....
 TEST # .45
 COMPANY: BMG
 CLIENT:
 WELL NAME: B-32
 TEST OPERATOR: MD
 LOCATION: COU
 COMMENTS: BHP @ 7300' GL
 8-18-86 to 8-25-86



DATE: 8/27/86
 START TIME: 8/29/30
 GAUGE #69685
 WELL # 0
 TEST # 47

COMPANY: BMG
 CLIENT:
 WELL NAME: B-29
 TEST OPERATOR: MD
 LOCATION: COU
 COMMENTS: BHP @ 6200' GL
 08-25-86 to 09-02-86

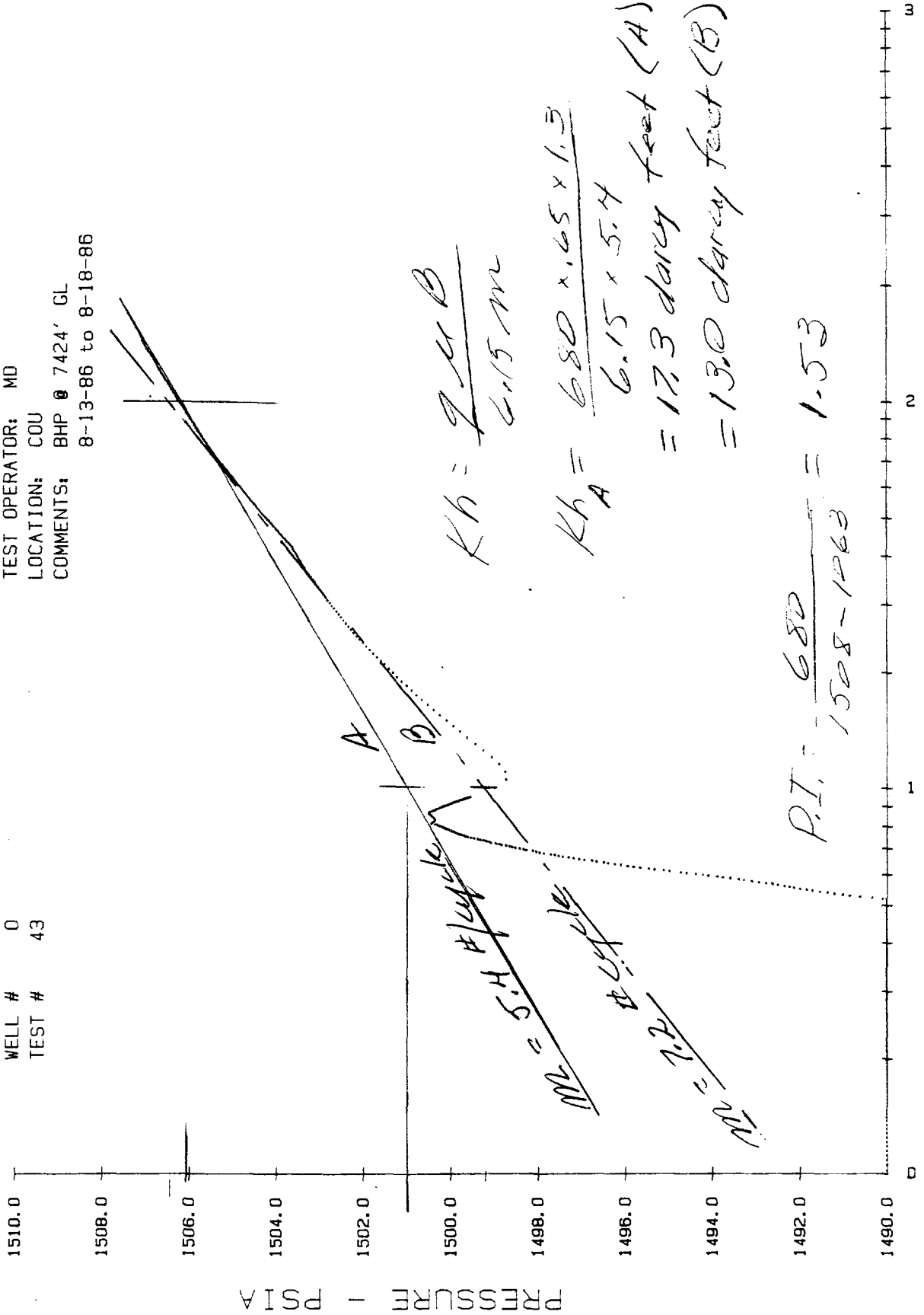
*** SEMI-LOG PLOT ***



LOG (DELTA T)

*** SEMI-LOG PLOT ***

DATE: 8/11/86
 START TIME: 18/29/52
 GAUGE #69160
 WELL # 0
 TEST # 43
 COMPANY: BMG
 CLIENT:
 WELL NAME: E6
 TEST OPERATOR: MD
 LOCATION: COU
 COMMENTS: BHP @ 7424' GL
 8-13-86 to 8-18-86



LOG (DELTA T)

DETERMINE K_h FROM P.I. DATA

Use: $\mu = 1.65 \text{ cp}$ $K = \text{darcys}$
 $\beta = 1.3$ $h = \text{ft.}$

$r_w = \pm 2000'$ $r_o/r_w = 20$
 $r_w = \pm 100'$

$q = 130 \text{ bpd}$
 $\Delta P = \text{psi}$

$$\Delta P = \frac{q \mu B}{2.07 K_h} \frac{r_o}{r_w} \frac{r_o}{r_w}$$

$$K_h = \left(\frac{q}{\Delta P} \right) \frac{\mu B}{2.07} \frac{r_o}{r_w} \frac{r_o}{r_w} = \text{P.I.} \quad \frac{q}{\Delta P} = \text{P.I.} \quad \left(\frac{\text{bopd}}{\text{psi}} \right)$$

(NOTE: If we formula for bounded reservoir, K_h will be higher, 1.3)

$$K_h = (\text{P.I.}) \frac{(1.65)(1.3) q (2000)}{3.07 \frac{r_o}{r_w}}$$

$$K_{hr} = .36 (\text{P.I.}) \times (\text{rel. perm. adjustment})$$

where $\text{rel. perm. adj.} = \left(\frac{K_{ror}}{K_{row}} \right)$

$K_{ror} = \text{Rel. perm. to oil of reservoir}$

$K_{row} = \text{Rel. perm. to oil of flow to well}$

To determine effective $\left(\frac{K_{ror}}{K_{row}} \right)$ from

known K_h & P.I. of a well:

$$\left(\frac{K_{ror}}{K_{row}} \right) = \frac{K_{hr}}{(.36)(\text{P.I.})}$$

DETERMINE $\left(\frac{K_{ror}}{K_{row}} \right)$ for COU B-24 & B-22 and estimate K_h for other wells

WELL	DATE	K_h D-Ft	P.I.	$\left(\frac{K_{ror}}{K_{row}} \right) = \frac{K_{hr}}{(.36)(\text{P.I.})}$	K_{hr}
COU B-24	AUG 1986	49	20.3	6.7	
COU B-32	" "	25	6.2	12.5	
					Avg. 9.6

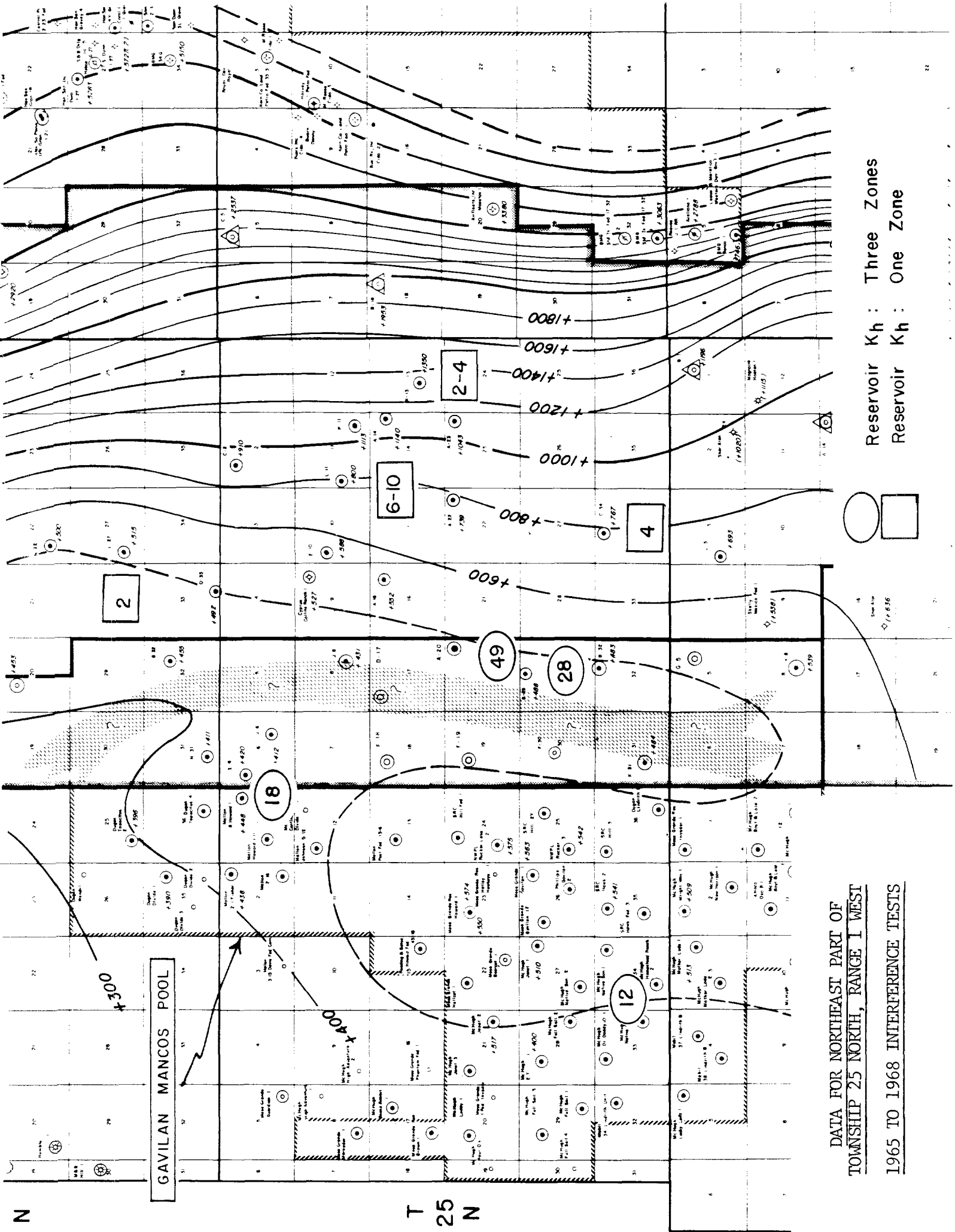
(EMPIRICAL: should be about same for other similar wells & 3/4)

ESTIMATE K_h FROM P.I.

$$K_h = .36 (\text{P.I.}) \left(\frac{K_{ror}}{K_{row}} \right) = .36 (\text{P.I.}) (10) = 3.6 (\text{P.I.})$$

Company	Well	P.I.	$K_h = (.36)(\text{P.I.})$	DATE
Mc HUGH	Hemlock #2	3.3	12	3-13-87
Mallon	Howard 1-11	5*	18	ENDING - empirical, see meeting Oct 1986
BMG	COU F-30	2.1	7.4	3-5-87
"	" L-27	.7	2.5	June 1971
"	" C-34	1.1	4.0	May 1971

* Calculated from Mallon engineer estimate of capacity of 3000 bopd and assumed drawdown of 600 ft



DATA FOR NORTHEAST PART OF
TOWNSHIP 25 NORTH, RANGE 1 WEST
1965 TO 1968 INTERFERENCE TESTS

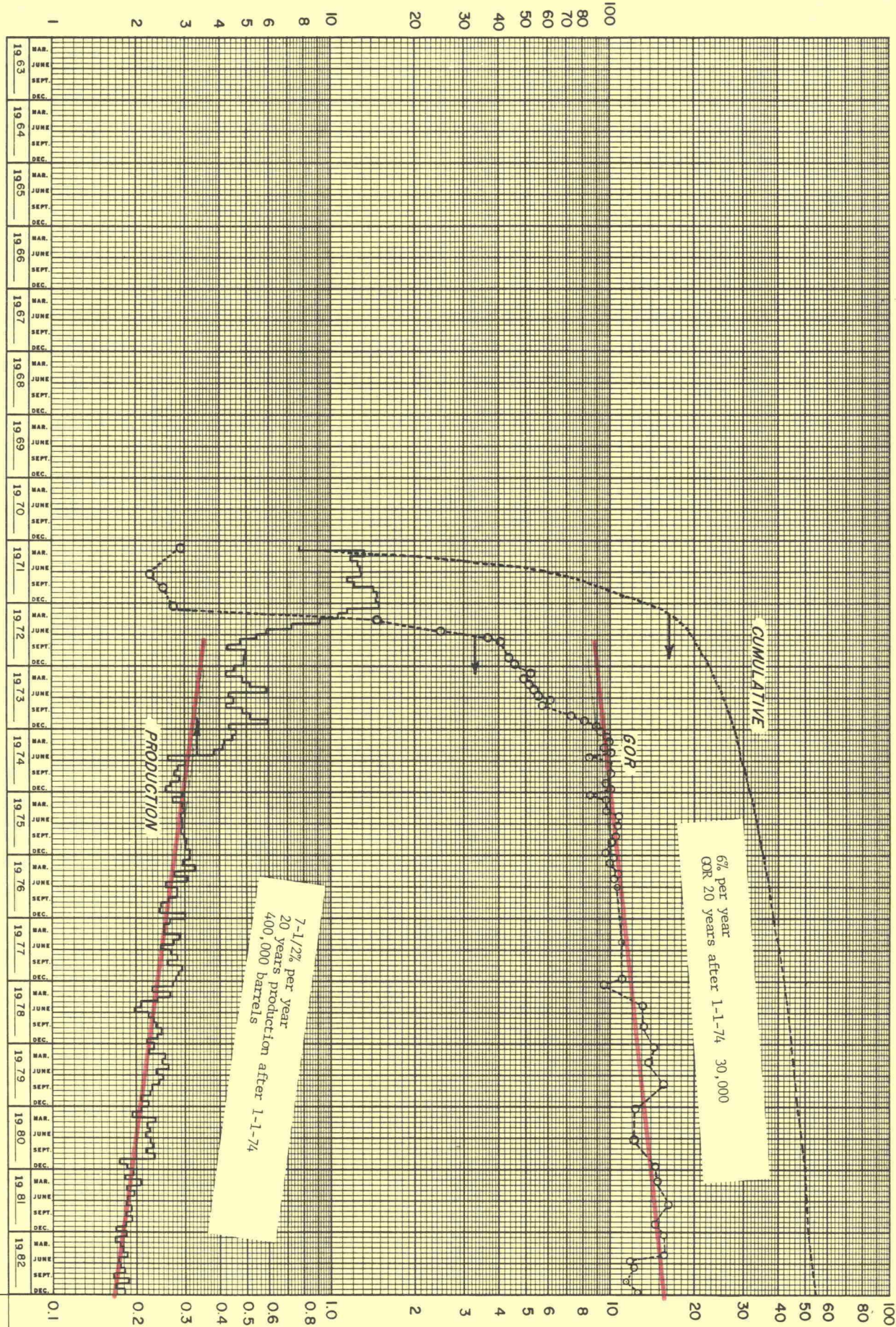
Reservoir Kh : Three Zones
Reservoir Kh : One Zone

GRAVITY DRAINAGE FROM TIGHT BLOCKS

Oil recovery from the Canada Ojitos Unit C-34 following breakthrough of injected gas has been over 300,000 barrels with a very small drop in reservoir pressure.

Since production resulting from solution gas drive requires declining reservoir pressures, it is logical to conclude that a large part of this production has been the consequence of oil draining from tight blocks by gravity drainage into the high capacity fracture system; and, from there, being swept to the wellbore by the injected gas.

OIL PRODUCTION RATE — THOUSANDS OF BARRELS PER MONTH



PRODUCTION HISTORY
CANADA OITOS UNIT WELL C-34

GAS OIL RATIO — MCF PER BARREL

CUMULATIVE OIL PRODUCTION — THOUSANDS OF BARRELS

S. 34 - 25N - 1W

C.O.U. C-34
PRODUCTION HISTORY

IMPROVING OIL RECOVERY BY GAS-OIL RATIO LIMITATION:
A LONG-STANDING TENET OF THE OIL CONSERVATION DIVISION

Traditionally the Oil Conservation Division has recognized that wells with low gas-oil ratios are more efficient in recovering oil from a common source of supply than wells with high gas-oil ratios; and, in line with this recognition, has established limiting gas-oil ratios for wells producing from a common source of supply.

To quantify the increased recovery as a consequence of the increased efficiency depends on the characteristics of the subject reservoir. One method of determination is to compare oil recovery from a reservoir when depleted to the same free gas saturation under conditions of high pressure with that which would be recovered for the reservoir when produced at a lower pressure (if more of the reservoir oil is produced by wells with low gas-oil ratios, then at some future stage of depletion as measured by free gas saturation, the reservoir pressure will be higher than if the reservoir had been depleted to the same free gas saturation by high gas-oil ratio wells).

The increase in recovery can be quantified by comparing the recoveries at the different pressures. To do this one simply compares the oil in place initially with that remaining at a given free gas saturation for the conditions obtaining at the high and low pressures.

Oil Recovered = Oil Initially in Place Minus Oil Remaining

This can be expressed by the relatively simple equation as follows:

$$\text{OIL RECOVERED} \\ \left(\% \text{ of pore space} \right) = \left(\frac{S_{oi}}{FVF_i} - \frac{S_o}{FVF} \right) 100$$

where S_{oi} = Initial Oil Saturation Fraction Of Pore Space
 FVF_i = Initial FVF

S_o = Oil Saturation at Comparative Point
 FVF = FVF at S_o (FVF Dependent on Pressure at S_o)

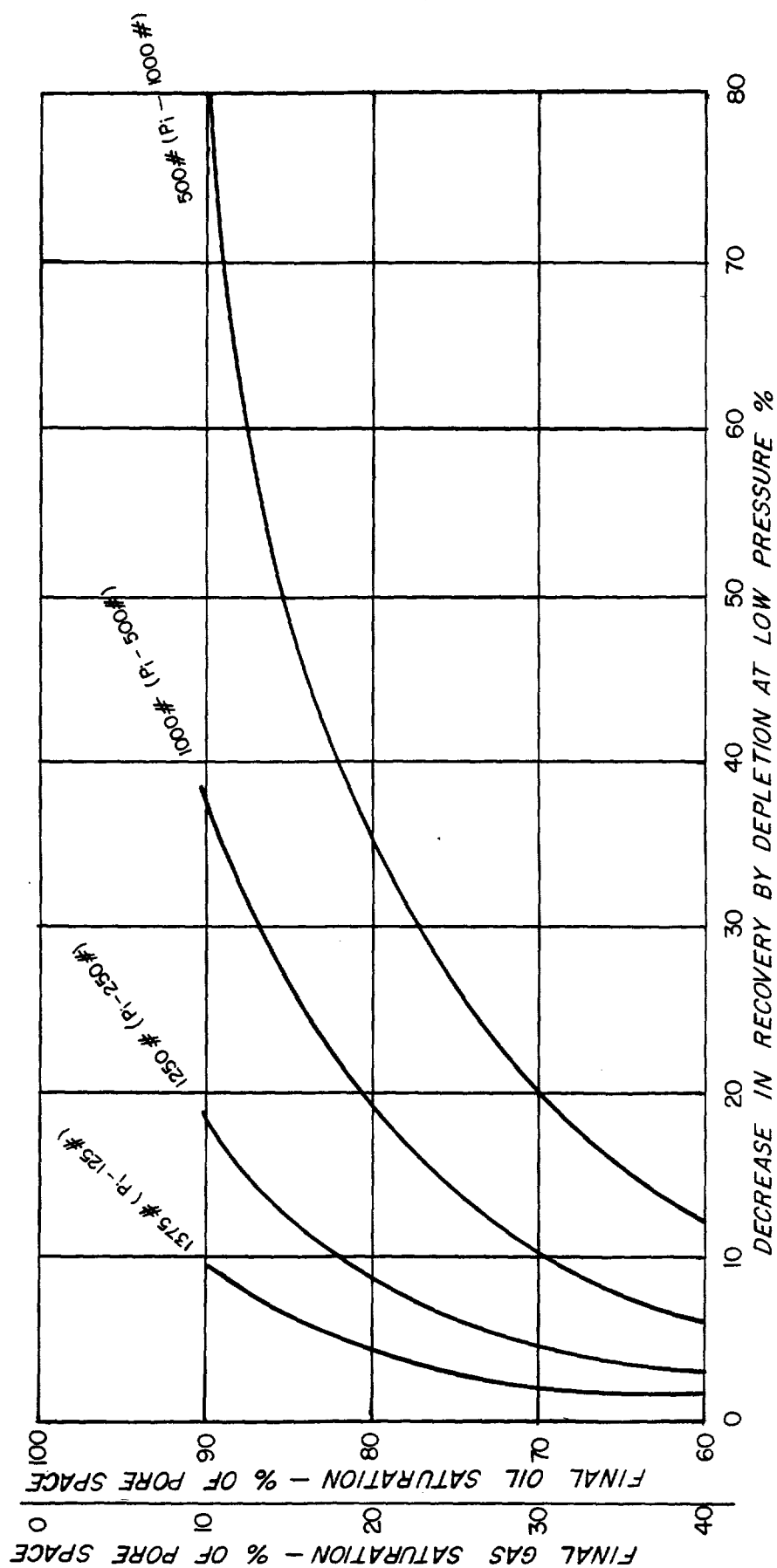
On the graph on the facing page is the solution of this equation for West Puerto Chiquito oil (Canada Ojitos Unit L-11 sample) for initial pressure (P_i) = 1500 psig. Percentage decrease in recovery is defined by:

$$\left(\frac{\text{Recovery at High Pressure Minus Recovery at Low Pressure}}{\text{Recovery at High Pressure}} \right) \times 100$$

DECREASE IN RECOVERY
BY DEPLETION AT LOW PRESSURE
AS COMPARED TO
DEPLETION AT HIGH PRESSURE
FOR VARIOUS FINAL OIL SATURATIONS

CONDITIONS:

HIGH PRESS.	1500 #	1.29 FVF
LOW PRESS.	1375 #	1.275 "
LOW PRESS.	1250 #	1.263 "
LOW PRESS.	1000 #	1.238 "
C.W. SATURATION 0%		

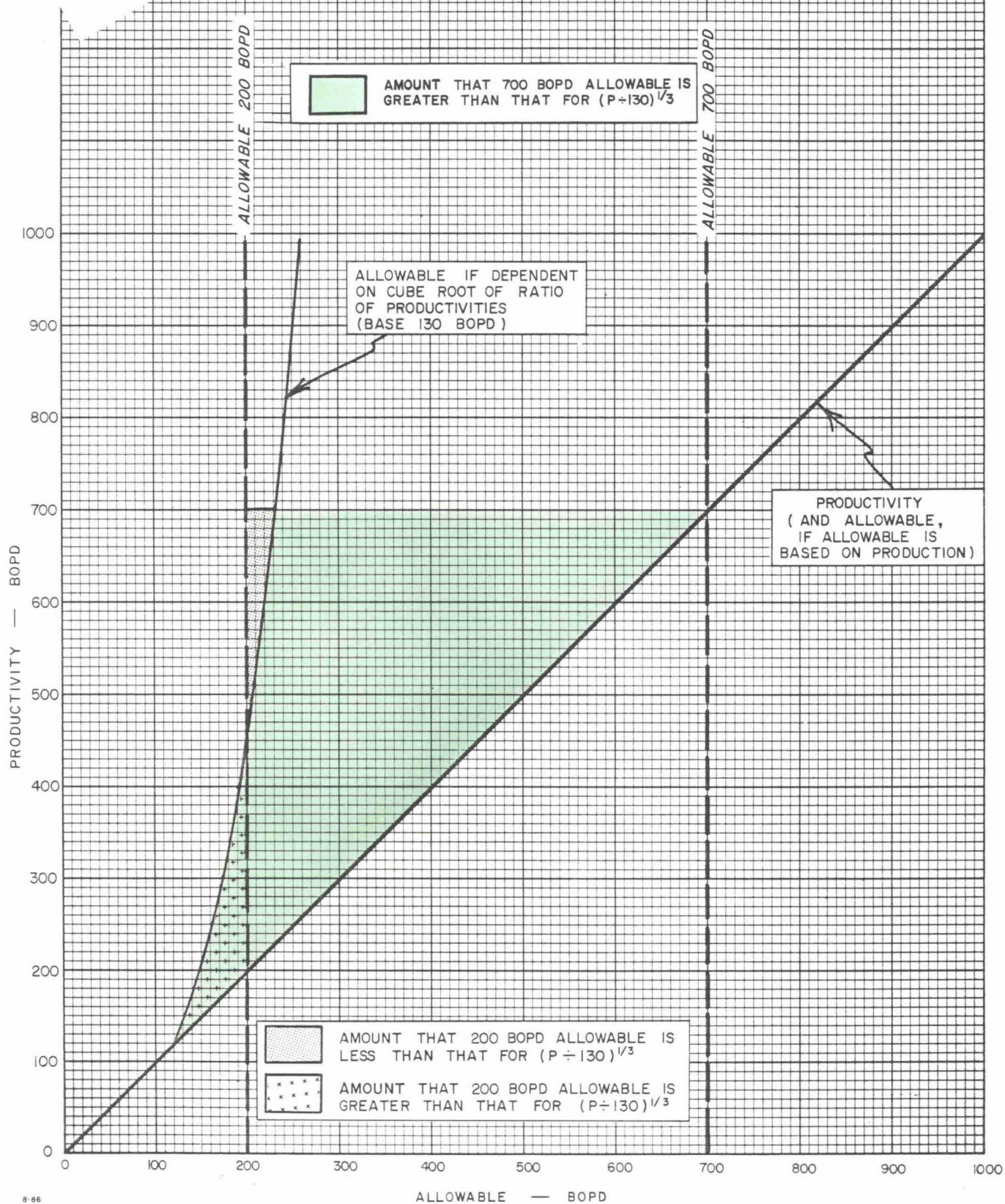


HIGH ALLOWABLES DENY PROTECTION OF CORRELATIVE RIGHTS
OF A MAJORITY OF TRACTS IN THE POOL

Per well oil productivities vary from a few barrels a day up to tens of thousands of barrels per day; yet the oil in place and recoverable oil do not vary in the same proportion. Accordingly if oil allowables are set high then the high capacity wells will unfairly drain oil from tracts with low capacity wells. See for example graph on the facing page. (The relation of oil in place to productivity, rather than being a direct proportion, is more properly defined by proportions based on the cube root of productivity.)

FROM CASE 8950
B-M-G EXH. 4, SECTION E
(For 320 acre
proration units)

COMPARISON OF ALLOWABLES
OF 200 BOPD & 700 BOPD
WITH
ALLOWABLE DEPENDENT
ON
CUBE ROOT OF RATIOS
OF PRODUCTIVITIES
(Base: 130 BOPD)



RECOMMENDED METHOD FOR SETTING ALLOWABLES

In view of the peculiar nature of this reservoir and the fact that the operators cannot agree among themselves as to proper allowables and oil recoveries, it is recommended that the allowable issue be approached from the standpoint of a gas limit.

This procedure would eliminate one of the fundamental arguments: the percent of the oil in place which is recoverable.

The amount of oil recoverable depends upon the producing mechanism; and the operators are not in agreement as to the producing mechanism nor as to the percentage of oil in place which can be expected to be recovered. On the other hand, the amount of gas which will ultimately be recovered is independent of the producing mechanism: when the reservoir pressure reaches the abandonment pressure, all gas in solution down to that pressure will have been produced, regardless of the oil producing mechanics.

A further benefit of using gas for the basic consideration: it makes little difference which sample analysis is used - the recoverable gas volume per acre is about the same.

On the facing page is a schedule showing the reasonable amount of gas recoverable on an average 640 acre tract. (In Case 8950 barrels per acre of hydrocarbon pore space was estimated at 4500 barrels for all three Niobrara zones. It is now apparent that this figure was optimistically high. 3500 barrels per acre is used as a basis for the figures on the schedule on the facing page; and the chances are very good that this figure also is optimistic.)

Once a reasonable minimum length of time to produce the gas allowable is fixed (3.65 years by the schedule on the facing page), then the setting of a gas-oil ratio limit will provide the top oil allowable. This schedule indicates for a 600:1 gas-oil ratio limit that the top allowable should be 800 BOPD for a 640 acre proration unit - the figure set out in the application supported by Benson-Montin-Greer Drilling Corp.

This is the "compromise" allowable set by the Oil Conservation Division following the August hearing. We note, however, that a more appropriate allowable - and one providing higher ultimate recovery - would be substantially less.

ESTIMATE OF PER-ACRE RECOVERABLE GAS
BASED ON 3500 BARRELS PER ACRE HYDROCARBON PORE SPACE

	Data from:	
	<u>Loddy Sample</u>	<u>COU L-11 Sample</u>
1) Initial FVF	1.38	1.29
2) Initial Solution GOR, cf/bbl	588	480
3) Solution GOR at Abandonment 150 psig, cf/bbl	180	120
4) Gas Produced per Stock Tank Barrel (line 1 - line 3)	408	360
5) Oil in Place Stock tank barrels per acre (3500 divided by line 1)	2450	2710
6) Recoverable Gas per Acre, MCF (line 4 x line 5) divided by 1000	1040	975
	(use 1000 MCF/acre)	

	Spacing Unit	
	<u>640 Acres</u>	<u>320 Acres</u>
7) Recoverable Gas at 1000 MCF per Acre, MCF	640,000	320,000
8) Average Rate of Gas Production if Produced in 3.65 Years (MCF/day)	480	240
9) Corresponding Oil Allowables at 600 cf/bbl Limiting GOR	800	400

TIME REQUIRED TO RECOVER DRILLING COSTS
FOR ALLOWABLES EXISTING PRIOR TO SEPTEMBER 1, 1986
1342 BOPD ALLOWABLE (640 ACRE SPACING)
AND 2000:1 LIMITING GAS OIL RATIO

1.	GOR cf/bbl	600	1200	2400	4000
2.	Gas Production Allowed (MCFD)	2684	2684	2684	2684
3.	Oil Production Allowed (BOPD) for GOR of line 1	1342	1342	1118	671
4.	*Oil Value (\$/Month)	534	534	340	204
5a.	Gas Production (MCF/Month)	24	49	82	82
5b.**	Gas Value (\$/Month)	27	55	93	93
6.	Total Revenue (\$/Month)	561	589	433	297
7.***	Months to "payout" for \$500 M Well Cost (640 acre proration unit)	0.9	0.8	1.2	1.7

8.	For 320 Acre Proration Unit (702 BOPD and 2000:1 limiting GOR and for the listed GOR, months to "payout")	1.7	1.5	2.3	3.2
9.	* \$16.75 per barrel x .85 NRI x .92 taxes = \$13.10 per barrel net. ** \$1.35/MMBTU (\$1.45/MCF x .85 NRI x .92 taxes = \$1.13 per MCF net. *** Excluding operating expense.				

TIME REQUIRED TO RECOVER DRILLING COSTS
FOR 800 BOPD ALLOWABLE (640 ACRE SPACING)
AND 600:1 LIMITING GAS OIL RATIO

1.	GOR cf/bbl	600	1200	2400	4000
2.	Gas Production Allowed (MCFD)	480	480	480	480
3.	Oil Production Allowed (BOPD) for GOR of line 1	800	400	200	100
4.	*Oil Value (\$M/Month)	320	169	80	40
5.	**Gas Value (\$M/Month)	16	16	16	16
6.	Total Revenue (\$M/Month)	336	185	96	56
7.	***Months to "payout" for \$500 M Well Cost (640 acre proration unit)	1.5	2.7	5.2	9.0

8.	For 320 Acre Proration Unit (400 BOPD and listed GOR, months to "payout")	3.0	5.4	10.4	18.0

9. * \$16.75 per barrel x .85 NRI x .92 taxes = \$13.10 per barrel net.
 ** \$1.35/MMBTU (\$1.45/MCF x .85 NRI x .92 taxes = \$1.13 per MCF net.
 *** Excluding operating expense.

WEST PUERTO CHIQUITO MANCOS POOL
PRODUCTION STATISTICS

BEFORE THE
OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

Case No. 9113 Exhibit No. 3

Submitted by DUGAN

Hearing Date 3/20/87

WEST PUERTO CHIGUITO POOL, RIO ARRIBA CO., NM
 BENSON-MONTIN-GREER DRILLING CORP. CANADA OJITOS UNIT TOTAL PLUS JICARILLA TOTAL.

				OIL				GAS			GDR	WATER				
		NO PROD WELLS	WELL DAYS PROD			AVE BOPPD	AVE BOPCD	CUM MBO			AVE MCF/D	CUM MMCF			AVE BWPD	CUM MBW
YR	MO			BOPM					MCF/M			SCF/BBL	Month			
1962	12	2	28.0	1426.0	50.9	23.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Subtotal		2	28	1426.0	50.9	23.0		0.0					0.0			
1963	1	2	36.0	1918.0	53.3	30.9	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
1963	2	2	21.0	1011.0	48.1	18.1	2.9	222.0	10.6	0.2	219.6	0.0	0.0	0.0	0.0	
1963	3	2	40.0	2142.0	53.6	34.5	5.1	452.0	11.3	0.7	211.0	0.0	0.0	0.0	0.0	
1963	4	2	39.0	2520.0	64.6	42.0	7.6	681.0	17.5	1.4	270.2	0.0	0.0	0.0	0.0	
1963	5	1	31.0	1888.0	60.9	60.9	9.5	476.0	15.4	1.8	252.1	0.0	0.0	0.0	0.0	
1963	6	1	30.0	1892.0	63.1	63.1	11.4	477.0	15.9	2.3	252.1	0.0	0.0	0.0	0.0	
1963	7	2	27.0	2150.0	79.6	34.7	13.5	563.0	20.9	2.9	261.9	0.0	0.0	0.0	0.0	
1963	8	2	46.0	3458.0	75.2	55.8	17.0	949.0	20.6	3.8	274.4	0.0	0.0	0.0	0.0	
1963	9	2	60.0	4829.0	80.5	80.5	21.8	1091.0	18.2	4.9	225.9	0.0	0.0	0.0	0.0	
1963	10	2	46.0	4533.0	98.5	73.1	26.3	1033.0	22.5	5.9	227.9	0.0	0.0	0.0	0.0	
1963	11	2	46.0	3724.0	81.0	62.1	30.1	897.0	19.5	6.8	240.9	0.0	0.0	0.0	0.0	
1963	12	2	23.0	1536.0	66.8	24.8	31.6	427.0	18.6	7.3	278.0	0.0	0.0	0.0	0.0	
Subtotal		22	445	31601.0	71.0	3.9		7268.0					0.0			
1964	1	3	79.0	16246.0	205.6	174.7	47.8	4597.0	58.2	11.9	283.0	0.0	0.0	0.0	0.0	
1964	2	3	43.0	13799.0	320.9	158.6	61.6	4007.0	93.2	15.9	290.4	0.0	0.0	0.0	0.0	
1964	3	1	14.0	873.0	62.4	28.2	62.5	269.0	19.2	16.1	308.1	0.0	0.0	0.0	0.0	
1964	4	3	41.0	8146.0	198.7	90.5	70.7	2546.0	62.1	18.7	312.5	0.0	0.0	0.0	0.0	
1964	5	3	75.0	13979.0	186.4	150.3	84.6	4362.0	58.2	23.0	312.0	0.0	0.0	0.0	0.0	
1964	6	3	84.0	12596.0	150.0	140.0	97.2	4007.0	47.7	27.1	318.1	0.0	0.0	0.0	0.0	
1964	7	3	78.0	14976.0	192.0	161.0	112.2	4695.0	60.2	31.8	313.5	0.0	0.0	0.0	0.0	
1964	8	3	76.0	16959.0	223.1	182.4	129.2	6233.0	82.0	38.0	367.5	0.0	0.0	0.0	0.0	
1964	9	3	88.0	13821.0	157.1	153.6	143.0	4975.0	56.5	43.0	360.0	0.0	0.0	0.0	0.0	
1964	10	3	48.0	9248.0	192.7	99.4	152.2	3334.0	69.5	46.3	360.5	0.0	0.0	0.0	0.0	
1964	11	4	83.0	18349.0	221.1	152.9	170.6	6294.0	75.8	52.6	343.0	0.0	0.0	0.0	0.0	
1964	12	3	81.0	20143.0	248.7	216.6	190.7	6827.0	84.3	59.4	338.9	0.0	0.0	0.0	0.0	
Subtotal		35	790	159135.0	201.4	12.4		52146.0					0.0			

* BOPPD: BARRELS PER WELL PER PRODUCING DAY.

* BOPCD: BARRELS PER WELL PER CALENDAR DAY.

WEST PUERTO CHIQUITO POOL, RIO ARRIBA CO., NM
 BENSON-MONTIN-GREER DRILLING CORP. CANADA OJITOS UNIT TOTAL PLUS JICARILLA TOTAL.

YR	MO	NO WELLS	WELL PROD DAYS	OIL				GAS			GOR	WATER		
				BOPM	AVE BOPPD	AVE BOPCD	CUM MBO	MCF/M	AVE MCF/D	CUM MMCF		Month	AVE BMPD	CUM MBW
1965	1	3	83.0	22550.0	271.7	242.5	213.3	7866.0	94.8	67.3	348.8	0.0	0.0	0.0
1965	2	2	52.0	21002.0	403.9	375.0	234.3	7260.0	139.6	74.5	345.7	0.0	0.0	0.0
1965	3	3	72.0	24679.0	342.8	265.4	259.0	6993.0	97.1	81.5	283.4	0.0	0.0	0.0
1965	4	4	100.0	29221.0	292.2	243.5	288.2	7215.0	72.2	88.7	246.9	0.0	0.0	0.0
1965	5	3	77.0	15492.0	201.2	166.6	303.7	4630.0	60.1	93.4	298.9	0.0	0.0	0.0
1965	6	2	13.0	3020.0	232.3	50.3	306.7	1050.0	80.8	94.4	347.7	0.0	0.0	0.0
1965	7	1	2.0	413.0	206.5	13.3	307.1	156.0	78.0	94.6	377.7	0.0	0.0	0.0
1965	8	1	28.0	13067.0	466.7	421.5	320.2	4965.0	177.3	99.5	380.0	0.0	0.0	0.0
1965	9	2	40.0	18718.0	468.0	312.0	338.9	7208.0	180.2	106.8	385.1	0.0	0.0	0.0
1965	10	2	62.0	28221.0	455.2	455.2	367.1	11010.0	177.6	117.8	390.1	0.0	0.0	0.0
1965	11	3	71.0	28070.0	395.4	311.9	395.2	10204.0	143.7	128.0	363.5	0.0	0.0	0.0
1965	12	3	93.0	34489.0	370.8	370.8	429.7	11601.0	124.7	139.6	336.4	0.0	0.0	0.0
Subtotal		29	693	238942.0	344.8	22.6		80158.0				0.0		
1966	1	3	93.0	33407.0	359.2	359.2	463.1	12850.0	138.2	152.4	384.6	0.0	0.0	0.4
1966	2	3	83.0	27013.0	325.5	321.6	490.1	10363.0	124.9	162.8	383.6	0.0	0.0	0.4
1966	3	4	108.0	32946.0	305.1	265.7	523.0	12608.0	116.7	175.4	382.7	0.0	0.0	0.4
1966	4	4	105.0	26873.0	255.9	223.9	549.9	10238.0	97.5	185.6	381.0	0.0	0.0	0.4
1966	5	4	108.0	30042.0	278.2	242.3	580.0	11459.0	106.1	197.1	381.4	0.0	0.0	0.8
1966	6	4	111.0	30559.0	275.3	254.7	610.5	11631.0	104.8	208.7	380.6	0.0	0.0	1.3
1966	7	4	118.0	28271.0	239.6	228.0	638.8	10802.0	91.5	219.5	382.1	0.0	0.0	1.5
1966	8	4	98.0	25000.0	255.1	201.6	663.8	8849.0	90.3	228.4	354.0	0.0	0.0	1.7
1966	9	4	118.0	29231.0	247.7	243.6	693.0	10662.0	90.4	239.0	364.7	0.0	0.0	1.7
1966	10	4	111.0	27029.0	243.5	218.0	720.0	9727.0	87.6	248.8	359.9	0.0	0.0	2.1
1966	11	4	114.0	26565.0	233.0	221.4	746.6	9629.0	84.5	258.4	362.5	0.0	0.0	2.1
1966	12	4	92.0	23205.0	252.2	187.1	769.8	8451.0	91.9	266.8	364.2	0.0	0.0	2.1
Subtotal		46	1259	340141.0	270.2	20.3		127269.0				0.0		
1967	1	6	139.0	30715.0	221.0	165.1	800.5	20526.0	147.7	287.4	668.3	418.0	3.0	2.1
1967	2	5	109.0	22989.0	210.9	164.2	823.5	8372.0	76.8	295.7	364.2	0.0	0.0	2.1
1967	3	5	144.0	29921.0	207.8	193.0	853.4	10892.0	75.6	306.6	364.0	0.0	0.0	2.1
1967	4	5	143.0	28564.0	199.7	190.4	882.0	10474.0	73.2	317.1	366.7	0.0	0.0	2.2
1967	5	6	165.0	30052.0	182.1	161.6	912.1	19417.0	117.7	336.5	646.1	380.0	2.3	2.5
1967	6	6	169.0	29258.0	173.1	162.5	941.3	21879.0	129.5	358.4	747.8	458.0	2.7	2.9
1967	7	6	180.0	28856.0	160.3	155.1	970.2	19676.0	109.3	378.1	681.9	286.0	1.6	3.0
1967	8	7	161.0	28910.0	179.6	133.2	999.1	21558.0	133.9	399.6	745.7	154.0	1.0	3.1
1967	9	6	136.0	29461.0	216.6	163.7	1028.5	9997.0	73.5	409.6	339.3	0.0	0.0	3.1
1967	10	7	200.0	35753.0	178.8	164.8	1064.3	20798.0	104.0	430.4	581.7	390.0	2.0	3.2
1967	11	8	167.0	28338.0	169.7	118.1	1092.6	15659.0	93.8	446.1	552.6	36.0	0.2	3.3
1967	12	6	154.0	24972.0	162.2	134.3	1117.6	10043.0	65.2	456.1	402.2	0.0	0.0	3.5
Subtotal		73	1867	347789.0	186.3	13.1		189291.0				2122.0		

* BOPPD: BARRELS PER WELL PER PRODUCING DAY.

* BOPCD: BARRELS PER WELL PER CALENDAR DAY.

WEST PUERTO CHIQUITO POOL, RIO ARRIBA CO., NM
 BENSON-MONTIN-GREER DRILLING CORP. CANADA OJITOS UNIT TOTAL PLUS JICARILLA TOTAL.

		OIL						GAS			GOR	WATER			
		NO	WELL												
		PROD	DAYS												
YR	MO	WELLS	PROD	BOPM	AVE	AVE	CUM		AVE	CUM		Month	AVE	CUM	
					BOPPD	BOPCD	MBO	MCF/M	MCF/D	MMCF	SCF/BBL		BWPD	MBW	
1968	1	8	194.0	35410.0	182.5	142.8	1153.0	15246.0	78.6	471.4	430.6	0.0	0.0	3.6	
1968	2	7	153.0	33247.0	217.3	169.6	1186.3	13625.0	89.1	485.0	409.8	0.0	0.0	3.6	
1968	3	7	166.0	33783.0	203.5	155.7	1220.0	13815.0	83.2	498.8	408.9	0.0	0.0	3.6	
1968	4	8	204.0	36994.0	181.3	154.1	1257.0	20951.0	102.7	519.8	566.3	84.0	0.4	3.8	
1968	5	8	228.0	35734.0	156.7	144.1	1292.8	22876.0	100.3	542.6	640.2	309.0	1.4	4.3	
1968	6	8	207.0	33025.0	159.5	137.6	1325.8	18177.0	87.8	560.8	550.4	432.0	2.1	4.5	
1968	7	8	224.0	34664.0	154.8	139.8	1360.5	18570.0	82.9	579.4	535.7	38.0	0.2	4.9	
1968	8	8	212.0	30122.0	142.1	121.5	1390.6	13213.0	62.3	592.6	438.6	94.0	0.4	5.3	
1968	9	8	211.0	31510.0	149.3	131.3	1422.1	16354.0	77.5	609.0	519.0	0.0	0.0	5.7	
1968	10	7	165.0	30367.0	184.0	139.9	1452.5	11872.0	72.0	620.8	391.0	117.0	0.7	5.7	
1968	11	7	182.0	28267.0	155.3	134.6	1480.7	12225.0	67.2	633.1	432.5	121.0	0.7	5.9	
1968	12	8	198.0	33388.0	168.6	134.6	1514.1	15972.0	80.7	649.0	478.4	191.0	1.0	6.0	
Subtotal		92	2344	396511.0	169.2	11.8		192896.0				1386.0			
1969	1	8	175.0	33663.0	192.4	135.7	1547.8	15957.0	91.2	665.0	474.0	50.0	0.3	6.1	
1969	2	7	152.0	40637.0	267.3	200.2	1588.4	21623.0	142.3	686.6	532.1	8.0	0.1	6.2	
1969	3	6	121.0	43419.0	358.8	233.4	1631.8	17263.0	142.7	703.9	397.6	0.0	0.0	6.2	
1969	4	7	179.0	42074.0	235.1	200.4	1673.9	18739.0	104.7	722.6	445.4	282.0	1.6	6.2	
1969	5	8	210.0	47008.0	223.8	189.5	1720.9	21828.0	103.9	744.4	464.3	471.0	2.2	6.5	
1969	6	8	216.0	45979.0	212.9	191.6	1766.9	21578.0	99.9	766.0	469.3	184.0	0.9	6.7	
1969	7	8	221.0	51525.0	233.1	207.8	1818.4	22098.0	100.0	788.1	428.9	405.0	1.8	6.8	
1969	8	6	163.0	38439.0	235.8	206.7	1856.9	17226.0	105.7	805.3	448.1	441.0	2.7	6.9	
1969	9	5	137.0	42009.0	306.6	280.1	1898.9	16396.0	119.7	821.7	390.3	353.0	2.6	7.0	
1969	10	5	140.0	44936.0	321.0	289.9	1943.8	16780.0	119.9	838.5	373.4	48.0	0.3	7.2	
1969	11	7	151.0	40964.0	271.3	195.1	1984.8	17960.0	118.9	856.5	438.4	131.0	0.9	7.3	
1969	12	8	200.0	49269.0	246.3	198.7	2034.0	22660.0	113.3	879.1	459.9	86.0	0.4	7.5	
Subtotal		83	2065	519922.0	251.8	17.1		230108.0				2459.0			
1970	1	8	200.0	56334.0	281.7	227.2	2090.4	23698.0	118.5	902.8	420.7	154.0	0.8	7.6	
1970	2	8	172.0	47427.0	275.7	211.7	2137.8	18898.0	109.9	921.7	398.5	83.0	0.5	7.6	
1970	3	8	206.0	60817.0	295.2	245.2	2198.6	25602.0	124.3	947.3	421.0	0.0	0.0	7.7	
1970	4	9	226.0	60053.0	265.7	222.4	2258.7	25671.0	113.6	973.0	427.5	0.0	0.0	8.1	
1970	5	9	237.0	61104.0	257.8	219.0	2319.8	23260.0	98.1	996.3	380.7	275.0	1.2	8.5	
1970	6	8	216.0	59284.0	274.5	247.0	2379.1	29707.0	137.5	1026.0	501.1	244.0	1.1	8.9	
1970	7	8	220.0	58981.0	268.1	237.8	2438.0	27914.0	126.9	1053.9	473.3	114.0	0.5	9.0	
1970	8	9	223.0	66292.0	297.3	237.6	2504.3	27775.0	124.6	1081.7	419.0	57.0	0.3	9.0	
1970	9	8	221.0	68536.0	310.1	285.6	2572.9	25807.0	116.8	1107.5	376.5	74.0	0.3	9.0	
1970	10	8	228.0	65950.0	289.3	265.9	2638.8	25891.0	113.6	1133.4	392.6	257.0	1.1	9.0	
1970	11	8	187.0	61016.0	326.3	254.2	2699.8	22483.0	120.2	1155.8	368.5	90.0	0.5	9.1	
1970	12	8	216.0	66324.0	307.1	267.4	2766.2	25445.0	117.8	1181.3	383.6	219.0	1.0	9.1	
Subtotal		99	2552	732118.0	286.9	20.3		230025.0				1567.0			

* BOPPD: BARRELS PER WELL PER PRODUCING DAY.

* BOPCD: BARRELS PER WELL PER CALENDAR DAY.

WEST PUERTO CHIQUITO POOL, RIO ARriba CO., NM
 BENSON-MONTIN-GREER DRILLING CORP. CANADA OJITOS UNIT TOTAL PLUS JICARILLA TOTAL.

		OIL						GAS			GOR	WATER		
		NO	WELL											
		PROD	DAYS		AVE	AVE	CUM		AVE	CUM			AVE	CUM
YR	MO	WELLS	PROD	BOPM	BOPPD	BOPCD	MBO	MCF/M	MCF/D	MMCF	SCF/BBL	Month	BWPD	MBW
1971	1	8	197.0	66491.0	337.5	268.1	2832.7	24983.0	126.8	1206.3	375.7	54.0	0.3	9.1
1971	2	9	213.0	51508.0	241.8	204.4	2884.2	22223.0	104.3	1228.5	431.4	44.0	0.2	9.1
1971	3	9	232.0	64748.0	279.1	232.1	2948.9	29013.0	125.1	1257.5	448.1	71.0	0.3	9.2
1971	4	9	223.0	58332.0	261.6	216.0	3007.2	24331.0	109.1	1281.8	417.1	373.0	1.7	9.6
1971	5	9	245.0	63683.0	259.9	228.3	3070.9	22088.0	90.2	1303.9	346.8	390.0	1.6	9.9
1971	6	7	204.0	60426.0	296.2	287.7	3131.3	21588.0	105.8	1325.5	357.3	436.0	2.1	10.4
1971	7	8	196.0	67347.0	343.6	271.6	3198.7	25440.0	129.8	1351.0	377.7	117.0	0.6	10.9
1971	8	9	210.0	64817.0	308.7	232.3	3263.5	23726.0	113.0	1374.7	366.0	4.0	0.0	11.2
1971	9	10	242.0	61299.0	253.3	204.3	3324.8	22204.0	91.8	1396.9	362.2	5.0	0.0	11.6
1971	10	10	244.0	68228.0	279.6	220.1	3393.0	24414.0	100.1	1421.3	357.8	11.0	0.0	11.8
1971	11	9	238.0	69764.0	293.1	258.4	3462.8	24181.0	101.6	1445.5	346.6	12.0	0.1	11.8
1971	12	10	257.0	72930.0	283.8	235.3	3535.7	25955.0	101.0	1471.4	355.9	8.0	0.0	11.8
Subtotal		107	2701	769573.0	284.9	19.7		290146.0				1525.0		
1972	1	9	249.0	73793.0	296.4	264.5	3609.5	25726.0	103.3	1497.2	348.6	7.0	0.0	12.0
1972	2	10	236.0	62916.0	266.6	224.7	3672.4	23121.0	98.0	1520.3	367.5	9.0	0.0	12.0
1972	3	10	282.0	64237.0	227.8	207.2	3736.7	24562.0	87.1	1544.8	382.4	150.0	0.5	12.0
1972	4	10	294.0	62897.0	213.9	209.7	3799.6	21144.0	71.9	1566.0	336.2	395.0	1.3	12.0
1972	5	10	286.0	55961.0	195.7	180.5	3855.5	42099.0	147.2	1608.1	752.3	324.0	1.1	12.2
1972	6	9	251.0	46374.0	184.8	171.8	3901.9	26231.0	104.5	1634.3	565.6	466.0	1.9	12.8
1972	7	9	267.0	47313.0	177.2	169.6	3949.2	25436.0	95.3	1659.8	537.6	447.0	1.7	13.6
1972	8	9	276.0	46047.0	166.8	165.0	3995.3	24816.0	89.9	1684.6	538.9	390.0	1.4	14.0
1972	9	9	254.0	45011.0	177.2	166.7	4040.3	24001.0	94.5	1708.6	533.2	380.0	1.5	14.5
1972	10	9	226.0	45490.0	201.3	163.0	4085.8	24479.0	108.3	1733.0	538.1	144.0	0.6	14.9
1972	11	8	196.0	42220.0	215.4	175.9	4128.0	21435.0	109.4	1754.5	507.7	3.0	0.0	15.1
1972	12	9	248.0	45901.0	185.1	164.5	4173.9	23086.0	93.1	1777.6	503.0	30.0	0.1	15.2
Subtotal		111	3065	638160.0	208.2	15.8		306136.0				2745.0		
1973	1	9	274.0	46201.0	168.6	165.6	4220.1	25133.0	91.7	1802.7	544.0	152.0	0.6	15.2
1973	2	9	227.0	41117.0	181.1	163.2	4261.2	21661.0	95.4	1824.4	526.8	69.0	0.3	15.3
1973	3	8	187.0	41719.0	223.1	168.2	4302.9	35237.0	188.4	1859.6	844.6	0.0	0.0	15.6
1973	4	8	185.0	40636.0	219.7	169.3	4343.6	37410.0	202.2	1897.0	920.6	0.0	0.0	16.0
1973	5	9	244.0	47475.0	194.6	170.2	4391.0	47967.0	196.6	1945.0	1010.4	171.0	0.7	16.0
1973	6	9	266.0	42224.0	158.7	156.4	4433.3	39994.0	150.4	1985.0	947.2	587.0	2.2	16.8
1973	7	10	274.0	42585.0	155.4	137.4	4475.8	45338.0	165.5	2030.3	1064.6	807.0	2.9	17.5
1973	8	10	297.0	43102.0	145.1	139.0	4519.0	47726.0	160.7	2078.0	1107.3	381.0	1.3	18.4
1973	9	10	288.0	42259.0	146.7	140.9	4561.2	43204.0	150.0	2121.2	1022.4	510.0	1.8	18.5
1973	10	10	289.0	43991.0	152.2	141.9	4605.2	49778.0	172.2	2171.0	1131.5	390.0	1.3	18.5
1973	11	9	259.0	39863.0	153.9	147.6	4645.1	46333.0	178.9	2217.4	1162.3	192.0	0.7	18.6
1973	12	9	262.0	40394.0	154.2	144.8	4685.5	47260.0	180.4	2264.6	1170.0	119.0	0.5	18.7
Subtotal		110	3052	511566.0	167.6	12.7		487041.0				3378.0		

* BOPPD: BARRELS PER WELL PER PRODUCING DAY.

* BOPCD: BARRELS PER WELL PER CALENDAR DAY.

WEST PUERTO CHIQUITO POOL, RIO ARriba CO., NM
 BENSON-MONTIN-GREER DRILLING CORP. CANADA OJITOS UNIT TOTAL PLUS JICARILLA TOTAL.

				OIL				GAS			GOR	WATER		
		NO	WELL											
		PROD	DAYS											
YR	MO	WELLS	PROD	BOPM	AVE BOPPD	AVE BOPCD	CUM MBO	MCF/M	AVE MCF/D	CUM MMCF	SCF/BBL	Month	AVE BWPD	CUM MBW
1974	1	9	230.0	39997.0	173.9	143.4	4725.5	48085.0	209.1	2312.7	1202.2	33.0	0.1	18.7
1974	2	9	234.0	37862.0	161.8	145.1	4763.3	45942.0	196.3	2358.6	1213.4	128.0	0.5	18.7
1974	3	9	232.0	40256.0	173.5	144.3	4803.6	48620.0	209.6	2407.3	1207.8	272.0	1.2	18.7
1974	4	9	257.0	41912.0	163.1	155.2	4845.5	49290.0	191.8	2456.5	1176.0	373.0	1.5	18.8
1974	5	10	256.0	39342.0	153.7	126.9	4884.8	42172.0	164.7	2498.7	1071.9	56.0	0.2	19.1
1974	6	10	285.0	38056.0	133.5	126.9	4922.9	38754.0	136.0	2537.5	1018.3	725.0	2.5	19.4
1974	7	10	295.0	37372.0	126.7	120.6	4960.3	50031.0	169.6	2587.5	1338.7	738.0	2.5	19.6
1974	8	10	297.0	35998.0	121.2	116.1	4996.3	48671.0	163.9	2636.2	1352.0	854.0	2.9	20.0
1974	9	10	272.0	34194.0	125.7	114.0	5030.4	47110.0	173.2	2683.3	1377.7	144.0	0.5	20.4
1974	10	9	227.0	32319.0	142.4	115.8	5062.8	45697.0	201.3	2729.0	1413.9	12.0	0.1	20.9
1974	11	8	187.0	29753.0	159.1	124.0	5092.5	42573.0	227.7	2771.6	1430.9	116.0	0.6	21.1
1974	12	8	204.0	31631.0	155.1	127.5	5124.2	47241.0	231.6	2818.8	1493.5	25.0	0.1	21.1
Subtotal		111	2976	438692.0	147.4	10.8		554186.0				3476.0		
1975	1	8	210.0	30472.0	145.1	122.9	5154.6	44054.0	209.8	2862.9	1445.7	26.0	0.1	21.2
1975	2	8	197.0	27289.0	138.5	121.8	5181.9	40766.0	206.9	2903.6	1493.9	21.0	0.1	21.2
1975	3	6	156.0	27266.0	174.8	146.6	5209.2	42502.0	272.4	2946.1	1558.8	5.0	0.0	21.4
1975	4	8	178.0	28297.0	159.0	117.9	5237.5	47343.0	266.0	2993.5	1673.1	91.0	0.5	21.4
1975	5	8	227.0	29116.0	128.3	117.4	5266.6	50632.0	223.0	3044.1	1739.0	305.0	1.3	21.5
1975	6	7	210.0	27417.0	130.6	130.6	5294.0	44019.0	209.6	3088.1	1605.5	334.0	1.6	22.3
1975	7	7	209.0	27349.0	130.9	126.0	5321.4	44369.0	212.3	3132.5	1622.3	146.0	0.7	22.8
1975	8	7	211.0	27020.0	128.1	124.5	5348.4	44097.0	209.0	3176.6	1632.0	437.0	2.1	22.9
1975	9	6	173.0	23297.0	134.7	129.4	5371.7	41267.0	238.5	3217.8	1771.3	401.0	2.3	23.1
1975	10	6	186.0	26372.0	141.8	141.8	5398.0	44589.0	239.7	3262.4	1690.8	458.0	2.5	23.1
1975	11	6	163.0	24066.0	147.6	133.7	5422.1	41534.0	254.8	3304.0	1725.8	251.0	1.5	23.1
1975	12	6	155.0	23914.0	154.3	128.6	5446.0	39828.0	257.0	3343.8	1665.5	15.0	0.1	23.1
Subtotal		83	2275	321875.0	141.5	10.6		525000.0				2490.0		
1976	1	6	157.0	24456.0	155.8	131.5	5470.5	41232.0	262.6	3385.0	1686.0	21.0	0.1	23.1
1976	2	6	148.0	23112.0	156.2	137.6	5493.6	39151.0	264.5	3424.2	1694.0	57.0	0.4	23.1
1976	3	6	172.0	26991.0	156.9	145.1	5520.6	46246.0	268.9	3470.4	1713.4	221.0	1.3	23.6
1976	4	6	146.0	23314.0	159.7	129.5	5543.9	41444.0	283.9	3511.9	1777.6	0.0	0.0	23.8
1976	5	7	186.0	27337.0	147.0	126.0	5571.2	48105.0	258.6	3560.0	1759.7	90.0	0.5	24.0
1976	6	9	236.0	26008.0	110.2	96.3	5597.2	40622.0	172.1	3600.6	1561.9	758.0	3.2	24.2
1976	7	9	274.0	28378.0	103.6	101.7	5625.6	45185.0	164.9	3645.8	1592.3	481.0	1.8	24.5
1976	8	9	255.0	27183.0	106.6	97.4	5652.8	42541.0	166.8	3688.3	1565.0	155.0	0.6	24.9
1976	9	9	239.0	25383.0	106.2	94.0	5678.2	39761.0	166.4	3728.1	1566.4	132.0	0.6	25.3
1976	10	9	233.0	26199.0	112.4	93.9	5704.4	37488.0	160.9	3765.6	1430.9	0.0	0.0	25.8
1976	11	9	234.0	24963.0	106.7	92.5	5729.3	36990.0	158.1	3802.6	1481.8	0.0	0.0	25.9
1976	12	9	235.0	26328.0	112.0	94.4	5755.7	43216.0	183.9	3845.8	1641.4	0.0	0.0	26.0
Subtotal		94	2515	309652.0	123.1	9.0		501981.0				1915.0		

* BOPPD: BARRELS PER WELL PER PRODUCING DAY.

* BOPCD: BARRELS PER WELL PER CALENDAR DAY.

WEST PUERTO CHIQUITO POOL, RIO ARRIBA CO., NM
 BENSON-MONTIN-GREER DRILLING CORP. CANADA OJITOS UNIT TOTAL PLUS JICARILLA TOTAL.

				OIL				GAS			GOR	WATER		
		NO	WELL											
		PROD	DAYS		AVE	AVE	CUM		AVE	CUM			AVE	CUM
YR	MO	WELLS	PROD	BOPM	BOPPD	BOPCD	MBO	MCF/M	MCF/D	MMCF	SCF/BBL	Month	BWPD	MBW
1977	1	9	245.0	26892.0	109.8	96.4	5782.6	42294.0	172.6	3888.1	1572.7	0.0	0.0	27.9
1977	2	9	243.0	25009.0	102.9	99.2	5807.6	41949.0	172.6	3930.0	1677.4	0.0	0.0	28.6
1977	3	9	268.0	27479.0	102.5	98.5	5835.1	42747.0	159.5	3972.8	1555.6	572.0	2.1	28.6
1977	4	9	264.0	28204.0	106.8	104.5	5863.3	47792.0	181.0	4020.6	1694.5	183.0	0.7	29.1
1977	5	9	270.0	27907.0	103.4	100.0	5891.2	44944.0	166.5	4065.5	1610.5	151.0	0.6	29.7
1977	6	9	257.0	26242.0	102.1	97.2	5917.4	40256.0	156.6	4105.8	1534.0	260.0	1.0	30.3
1977	7	9	258.0	27629.0	107.1	99.0	5945.0	43089.0	167.0	4148.8	1559.6	319.0	1.2	31.1
1977	8	9	279.0	25943.0	93.0	93.0	5971.0	44027.0	157.8	4192.9	1697.1	311.0	1.1	31.2
1977	9	9	266.0	23934.0	90.0	88.6	5994.9	40658.0	152.8	4233.5	1698.8	471.0	1.8	31.5
1977	10	9	277.0	25824.0	93.2	92.6	6020.7	44779.0	161.7	4278.3	1734.0	421.0	1.5	31.6
1977	11	10	275.0	24812.0	90.2	82.7	6045.6	43500.0	158.2	4321.8	1753.2	121.0	0.4	31.7
1977	12	12	303.0	25283.0	83.4	68.0	6070.8	43781.0	144.5	4365.6	1731.6	163.0	0.5	31.8
Subtotal		112	3205	315158.0	98.3	7.7		519816.0				2972.0		
1978	1	12	317.0	23931.0	75.5	64.3	6094.8	49315.0	155.6	4414.9	2060.7	1821.0	5.7	31.8
1978	2	12	261.0	20015.0	76.7	59.6	6114.8	39525.0	151.4	4454.4	1974.8	705.0	2.7	32.0
1978	3	12	192.0	20126.0	104.8	54.1	6134.9	41621.0	216.8	4496.1	2068.0	75.0	0.4	32.1
1978	4	12	274.0	20792.0	75.9	57.8	6155.7	38995.0	142.3	4535.0	1875.5	444.0	1.6	32.1
1978	5	11	288.0	22263.0	77.3	65.3	6178.0	54404.0	188.9	4589.5	2443.7	583.0	2.0	32.3
1978	6	11	287.0	21202.0	73.9	64.2	6199.2	51056.0	177.9	4640.5	2408.1	678.0	2.4	32.4
1978	7	11	304	23330.0	76.7	68.4	6222.5	57473.0	189.1	4698.0	2463.5	715.0	2.4	32.4
1978	8	11	247.0	20241.0	81.9	59.4	6242.7	53555.0	216.8	4751.5	2645.9	156.0	0.6	32.6
1978	9	11	285.0	20935.0	73.5	63.4	6263.7	56386.0	197.8	4807.9	2693.4	255.0	0.9	32.8
1978	10	12	277.0	21821.0	78.8	58.7	6285.5	57509.0	207.6	4865.4	2635.5	161.0	0.6	32.8
1978	11	12	267.0	27489.0	103.0	76.4	6313.0	52881.0	198.1	4918.3	1923.7	121.0	0.5	32.8
1978	12	12	278.0	19972.0	71.8	53.7	6333.0	49568.0	178.3	4967.9	2481.9	45.0	0.2	32.8
Subtotal		139	3277	262117.0	80.0	5.2		602288.0				5759.0		
1979	1	12	236.0	18767.0	79.5	50.4	6351.7	45966.0	194.8	5013.8	2449.3	33.0	0.1	32.8
1979	2	12	256.0	19086.0	74.6	54.8	6370.8	45007.0	175.8	5058.9	2358.1	155.0	0.6	32.8
1979	3	11	239.0	19345.0	80.9	56.7	6390.2	47945.0	200.6	5106.8	2478.4	134.0	0.6	32.8
1979	4	11	219.0	18133.0	82.8	54.9	6408.3	45860.0	209.4	5152.7	2529.1	16.0	0.1	32.8
1979	5	12	277.0	21246.0	76.7	57.1	6429.5	51008.0	184.1	5203.7	2400.8	217.0	0.8	32.8
1979	6	12	259.0	19088.0	73.7	53.0	6448.6	45044.0	173.9	5248.7	2359.8	49.0	0.2	32.8
1979	7	12	306.0	20693.0	67.6	55.6	6469.3	50862.0	166.2	5299.6	2457.9	52.0	0.2	32.8
1979	8	12	308.0	21453.0	69.7	57.7	6490.8	50467.0	163.9	5350.0	2352.4	165.0	0.5	33.0
1979	9	12	307.0	21021.0	68.5	58.4	6511.8	52286.0	170.3	5402.3	2487.3	165.0	0.5	33.5
1979	10	11	267.0	20702.0	77.5	60.7	6532.5	47123.0	176.5	5449.4	2276.3	10.0	0.0	34.1
1979	11	11	256.0	18982.0	74.1	57.5	6551.5	22871.0	89.3	5472.3	1204.9	0.0	0.0	34.6
1979	12	11	272.0	20515.0	75.4	60.2	6572.0	46038.0	169.3	5518.4	2244.1	0.0	0.0	35.2
Subtotal		139	3202	239031.0	74.7	4.7		550477.0				996.0		

* BOPPD: BARRELS PER WELL PER PRODUCING DAY.

* BOPCD: BARRELS PER WELL PER CALENDAR DAY.

WEST PUERTO CHIQUITO POOL, RIO ARRIBA CO., NM
 BENSON-MONTIN-GREER DRILLING CORP. CANADA OJITOS UNIT TOTAL PLUS JICARILLA TOTAL.

				OIL				GAS			GOR	WATER		
		NO	WELL											
		PROD	DAYS											
YR	MO	WELLS	PROD	BOPM	BOPPD	AVE	CUM	MCF/M	AVE	CUM	SCF/BBL	Month	AVE	CUM
						BOPCD	MBO		MCF/D	MMCF			BWPD	MBW
1980	1	11	236.0	19395.0	82.2	56.9	6591.4	38890.0	164.8	5557.2	2005.2	0.0	0.0	35.7
1980	2	10	195.0	17077.0	87.6	61.0	6608.5	34544.0	177.1	5591.8	2022.8	0.0	0.0	36.1
1980	3	8	142.0	18375.0	129.4	74.1	6626.8	40139.0	282.7	5631.9	2184.4	0.0	0.0	36.2
1980	4	11	237.0	19508.0	82.3	59.1	6646.3	39194.0	165.4	5671.1	2009.1	0.0	0.0	36.7
1980	5	12	272.0	20418.0	75.1	54.9	6666.8	40652.0	149.5	5711.8	1991.0	0.0	0.0	37.0
1980	6	12	289.0	20225.0	70.0	56.2	6687.0	43823.0	151.6	5755.6	2166.8	40.0	0.1	37.1
1980	7	12	300.0	20156.0	67.2	54.2	6707.1	42985.0	143.3	5798.6	2132.6	7.0	0.0	37.6
1980	8	12	280.0	20991.0	75.0	56.4	6728.1	45638.0	163.0	5844.2	2174.2	134.0	0.5	38.0
1980	9	12	299.0	19594.0	65.5	54.4	6747.7	42630.0	142.6	5886.9	2175.7	546.0	1.8	38.1
1980	10	12	306.0	20291.0	66.3	54.5	6768.0	16999.0	55.6	5903.9	837.8	600.0	2.0	38.2
1980	11	12	301.0	20127.0	66.9	55.9	6788.1	37050.0	123.1	5940.9	1840.8	519.0	1.7	38.7
1980	12	12	305.0	20442.0	67.0	55.0	6808.6	43708.0	143.3	5984.6	2138.1	609.0	2.0	39.0
Subtotal		136	3162	236599.0	74.8	4.8		466252.0				2455.0		
1981	1	12	302.0	20383.0	67.5	54.8	6829.0	43628.0	144.5	6028.2	2140.4	442.0	1.5	39.2
1981	2	12	286.0	19292.0	67.5	57.4	6848.3	37885.0	132.5	6066.1	1963.8	423.0	1.5	39.2
1981	3	11	200.0	17987.0	89.9	52.7	6866.2	43700.0	218.5	6109.8	2429.5	98.0	0.5	39.2
1981	4	12	285.0	19972.0	70.1	55.5	6886.2	45203.0	158.6	6155.0	2263.3	534.0	1.9	39.2
1981	5	12	279.0	19914.0	71.4	53.5	6906.1	49078.0	175.9	6204.1	2464.5	256.0	0.9	39.2
1981	6	12	266.0	19624.0	73.8	54.5	6925.8	45524.0	171.1	6249.6	2319.8	75.0	0.3	39.3
1981	7	12	296.0	20779.0	70.2	55.9	6946.5	47996.0	162.1	6297.6	2309.8	554.0	1.9	39.3
1981	8	11	296.0	20540.0	69.4	60.2	6967.1	50149.0	169.4	6347.8	2441.5	414.0	1.4	39.9
1981	9	12	254.0	19296.0	76.0	53.6	6986.4	42316.0	166.6	6390.1	2193.0	29.0	0.1	40.4
1981	10	12	317.0	20154.0	63.6	54.2	7006.5	46092.0	145.4	6436.2	2287.0	96.0	0.3	40.9
1981	11	12	320.0	19959.0	62.4	55.4	7026.5	43228.0	135.1	6479.4	2165.8	495.0	1.5	41.1
1981	12	12	321.0	19977.0	62.2	53.7	7046.5	40712.0	126.8	6520.1	2037.9	352.0	1.1	41.2
Subtotal		142	3422	237877.0	69.5	4.6		535511.0				3768.0		
1982	1	12	286.0	19590.0	68.5	52.7	7066.0	46404.0	162.3	6566.5	2368.8	164.0	0.6	41.2
1982	2	12	232.0	17111.0	73.8	50.9	7083.2	41781.0	180.1	6608.3	2441.8	44.0	0.2	41.6
1982	3	12	196.0	17836.0	91.0	47.9	7101.0	41745.0	213.0	6650.1	2340.5	0.0	0.0	41.6
1982	4	12	250.0	18457.0	73.8	51.3	7119.5	43210.0	172.8	6693.3	2341.1	0.0	0.0	41.6
1982	5	12	256.0	19071.0	74.5	51.3	7138.5	42795.0	167.2	6736.1	2244.0	0.0	0.0	41.7
1982	6	11	246.0	19240.0	78.2	58.3	7157.8	43786.0	178.0	6779.8	2275.8	92.0	0.4	41.8
1982	7	11	281.0	19229.0	68.4	56.4	7177.0	45203.0	160.9	6825.0	2350.8	0.0	0.0	42.1
1982	8	12	319.0	20313.0	63.7	54.6	7197.3	45909.0	143.9	6871.0	2260.1	544.0	1.7	42.3
1982	9	12	300.0	18386.0	61.3	51.1	7215.7	43490.0	145.0	6914.4	2365.4	543.0	1.8	42.4
1982	10	12	315.0	20538.0	65.2	55.2	7236.2	46265.0	146.9	6960.7	2252.7	464.0	1.5	42.4
1982	11	12	280.0	18286.0	65.3	50.8	7254.5	39323.0	140.4	7000.0	2150.4	261.0	0.9	42.4
1982	12	12	250.0	19238.0	77.0	51.7	7273.8	45489.0	182.0	7045.5	2364.5	81.0	0.3	42.4
Subtotal		142	3211	227295.0	70.8	4.4		525400.0				2193.0		

* BOPPD: BARRELS PER WELL PER PRODUCING DAY.

* BOPCD: BARRELS PER WELL PER CALENDAR DAY.

WEST PUERTO CHIQUITO POOL, RIO ARRIBA CO., NM
 BENSON-MONTIN-GREER DRILLING CORP. CANADA OJITOS UNIT TOTAL PLUS JICARILLA TOTAL.

		OIL						GAS			GOR	WATER		
		NO	WELL											
		PROD	DAYS		AVE	AVE	CUM		AVE	CUM			AVE	CUM
YR	MO	WELLS	PROD	BOPM	BOPPD	BOPCD	MBO	MCF/M	MCF/D	MMCF	SCF/BBL	Month	BWPD	MBW
1983	1	12	291.0	19244.0	66.1	51.7	7293.0	43811.0	150.6	7089.3	2276.6	40.0	0.1	42.5
1983	2	12	242.0	15929.0	65.8	47.4	7308.9	37474.0	154.9	7126.8	2352.6	339.0	1.4	42.5
1983	3	12	182.0	16440.0	90.3	44.2	7325.4	39421.0	216.6	7166.2	2397.9	0.0	0.0	42.6
1983	4	12	214.0	17872.0	83.5	49.6	7343.2	41666.0	194.7	7207.9	2331.4	49.0	0.2	42.8
1983	5	13	339.0	20468.0	60.4	50.8	7363.7	44940.0	132.6	7252.8	2195.6	80.0	0.2	43.4
1983	6	12	272.0	18225.0	67.0	50.6	7381.9	40158.0	147.6	7293.0	2203.5	60.0	0.2	43.9
1983	7	13	305.0	18746.0	61.5	46.5	7400.7	41600.0	136.4	7334.6	2219.1	335.0	1.1	44.3
1983	8	12	280.0	18724.0	66.9	50.3	7419.4	41347.0	147.7	7375.9	2208.2	236.0	0.8	44.6
1983	9	12	301.0	18115.0	60.2	50.3	7437.5	41910.0	139.2	7417.8	2313.6	10.0	0.0	44.6
1983	10	13	319.0	21056.0	66.0	52.2	7458.6	46713.0	146.4	7464.6	2218.5	0.0	0.0	44.7
1983	11	13	304.0	18933.0	62.3	48.5	7477.5	37275.0	122.6	7501.8	1968.8	0.0	0.0	44.7
1983	12	13	273.0	18703.0	68.5	46.4	7496.2	38698.0	141.8	7540.5	2069.1	0.0	0.0	44.7
Subtotal	149	3322	222455.0		67.0	4.1		495013.0				1149.0		
1984	1	13	287.0	19615.0	68.3	48.7	7515.8	39632.0	138.1	7580.2	2020.5	99.0	0.3	44.7
1984	2	13	246.0	17098.0	69.5	45.4	7532.9	35237.0	143.2	7615.4	2060.9	0.0	0.0	44.7
1984	3	13	246.0	18546.0	75.4	46.0	7551.5	38245.0	155.5	7653.6	2062.2	134.0	0.5	44.7
1984	4	13	271.0	18312.0	67.6	47.0	7569.8	38174.0	140.9	7691.8	2084.6	197.0	0.7	44.8
1984	5	13	339.0	20007.0	59.0	49.6	7589.8	37410.0	110.4	7729.2	1869.8	619.0	1.8	44.8
1984	6	13	338.0	19299.0	57.1	49.5	7609.1	37403.0	110.7	7766.6	1938.1	475.0	1.4	45.2
1984	7	13	358.0	19950.0	55.7	49.5	7629.0	44953.0	125.6	7811.6	2253.3	397.0	1.1	45.3
1984	8	13	318.0	18089.0	56.9	44.9	7647.1	41533.0	130.6	7853.1	2296.0	329.0	1.0	45.3
1984	9	13	277.0	17397.0	62.8	44.6	7664.5	41384.0	149.4	7894.5	2378.8	24.0	0.1	45.3
1984	10	12	207.0	17069.0	82.5	45.9	7681.6	42500.0	205.3	7937.0	2489.9	89.0	0.4	45.7
1984	11	12	244.0	16522.0	67.7	45.9	7698.1	40402.0	165.6	7977.4	2445.3	0.0	0.0	45.7
1984	12	13	289.0	18846.0	65.2	46.8	7717.0	44603.0	154.3	8022.0	2366.7	20.0	0.1	45.7
Subtotal	154	3420	220750.0		64.5	3.9		481476.0				2383.0		
1985	1	14	256.0	20992.0	82.0	48.4	7738.0	44499.0	173.8	8066.5	2119.8	0.0	0.0	45.7
1985	2	14	236.0	30015.0	127.2	76.6	7768.0	50993.0	216.1	8117.5	1698.9	0.0	0.0	45.7
1985	3	15	296.0	31925.0	107.9	68.7	7799.9	52544.0	177.5	8170.0	1645.9	0.0	0.0	45.7
1985	4	15	317.0	32370.0	102.1	71.9	7832.3	49317.0	155.6	8219.4	1523.5	32.0	0.1	45.7
1985	5	17	397.0	34470.0	86.8	65.4	7866.7	42369.0	106.7	8261.7	1229.2	70.0	0.2	45.7
1985	6	17	458	32184.0	70.3	63.1	7898.9	38013.0	83.0	8299.7	1181.1	395.0	0.9	45.8
1985	7	17	449.0	35398.0	78.8	67.2	7934.3	43595.0	97.1	8343.3	1231.6	36.0	0.1	46.4
1985	8	17	403.0	31215.0	77.5	59.2	7965.5	32467.0	80.6	8375.8	1040.1	3.0	0.0	46.4
1985	9	17	360.0	31596.0	87.8	62.0	7997.1	31830.0	88.4	8407.6	1007.4	0.0	0.0	46.7
1985	10	16	421.0	32178.0	76.4	64.9	8029.3	23538.0	55.9	8431.2	731.5	460.0	1.1	46.8
1985	11	15	312.0	29874.0	95.8	66.4	8059.2	20765.0	66.6	8451.9	695.1	5.0	0.0	46.9
1985	12	16	300.0	29568.0	98.6	59.6	8088.7	19911.0	66.4	8471.9	673.4	10.0	0.0	47.0
Subtotal	190	4205	371785.0		88.4	5.4		449841.0				1011.0		

* BOPPD: BARRELS PER WELL PER PRODUCING DAY.

* BOPCD: BARRELS PER WELL PER CALENDAR DAY.

WEST PUERTO CHIQUITO POOL, RIO ARRIBA CO., NM
 BENSON-MONTIN-GREER DRILLING CORP. CANADA OJITOS UNIT TOTAL PLUS JICARILLA TOTAL.

		OIL					GAS			GDR	WATER			
		NO PROD WELLS	WELL DAYS PROD	AVE		CUM	AVE		CUM		AVE		CUM	
.YR	MO			BOPM	BOPPD	BOPCD	MBO	MCF/M	MCF/D	MMCF	SCF/BBL	Month	BMPD	MBW
1986	1	16	337.0	30264.0	89.8	61.0	8119.0	13793.0	40.9	8485.6	455.8	0.0	0.0	47.0
1986	2	17	324.0	39354.0	121.5	82.7	8158.4	20233.0	62.4	8505.9	514.1	0.0	0.0	47.0
1986	3	18	397.0	61705.0	155.4	110.6	8220.1	36057.0	90.8	8541.9	584.3	0.0	0.0	47.0
1986	4	18	361.0	59844.0	165.8	110.8	8279.9	35165.0	97.4	8577.1	587.6	0.0	0.0	47.0
1986	5	20	429.0	70005.0	163.2	112.9	8349.9	42010.0	97.9	8619.1	600.1	0.0	0.0	47.0
1986	6	18	380.0	85896.0	226.0	159.1	8435.8	79777.0	209.9	8698.9	928.8	56.0	0.1	47.0
1986	7	20	487.0	90090.0	185.0	145.3	8525.9	82680.0	169.8	8781.6	917.7	617.0	1.3	47.0
1986	8	19	360.0	69239.0	192.3	117.6	8595.1	63414.0	176.2	8845.0	915.9	5.0	0.0	47.0
1986	9	20	362.0	71764.0	198.2	119.6	8666.9	69279.0	191.4	8914.3	965.4	230.0	0.6	47.0
1986	10	20	519.0	87367.0	168.3	140.9	8754.3	95315.0	183.7	9009.6	1091.0	175.0	0.3	47.0
1986	11	20	441.0	76132.0	172.6	126.9	8830.4	75488.0	171.2	9085.1	991.5	73.0	0.2	47.0
1986	12	20	438.0	77990.0	178.1	125.8	8908.4	84499.0	192.9	9169.6	1083.5	67.0	0.2	47.0
Subtotal		226	4835	819650.0	169.5	9.9	697710.0			1223.0				

* BOPPD: BARRELS PER WELL PER PRODUCING DAY.

* BOPCD: BARRELS PER WELL PER CALENDAR DAY.

WEST PUERTO CHIQUITO POOL, RIO ARRIBA CO., NM
 BENSON-MONTIN-GREER DRILLING CORP. CANADA OJITOS UNIT TOTAL.

YR	MO	NO PROD WELLS	WELL DAYS PROD	OIL				GAS			GOR	WATER		
				BOPM	AVE BOPPD	AVE BOPCD	CUM MBO	MCF/M	AVE MCF/D	CUM MMCF	SCF/BBL	Month	AVE BMPD	CUM MBW
1962	12	2	28.0	1426.0	50.9	23.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Subtotal		2	28	1426.0	50.9	23.0		0.0				0.0		
1963	1	2	36.0	1918.0	53.3	30.9	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1963	2	2	21.0	1011.0	48.1	18.1	2.9	222.0	10.6	0.2	219.6	0.0	0.0	0.0
1963	3	2	40.0	2142.0	53.6	34.5	5.1	452.0	11.3	0.7	211.0	0.0	0.0	0.0
1963	4	2	39.0	2520.0	64.6	42.0	7.6	681.0	17.5	1.4	270.2	0.0	0.0	0.0
1963	5	1	31.0	1888.0	60.9	60.9	9.5	476.0	15.4	1.8	252.1	0.0	0.0	0.0
1963	6	1	30.0	1892.0	63.1	63.1	11.4	477.0	15.9	2.3	252.1	0.0	0.0	0.0
1963	7	2	27.0	2150.0	79.6	34.7	13.5	563.0	20.9	2.9	261.9	0.0	0.0	0.0
1963	8	2	46.0	3458.0	75.2	55.8	17.0	949.0	20.6	3.8	274.4	0.0	0.0	0.0
1963	9	2	60.0	4829.0	80.5	80.5	21.8	1091.0	18.2	4.9	225.9	0.0	0.0	0.0
1963	10	2	46.0	4533.0	98.5	73.1	26.3	1033.0	22.5	5.9	227.9	0.0	0.0	0.0
1963	11	2	46.0	3724.0	81.0	62.1	30.1	897.0	19.5	6.8	240.9	0.0	0.0	0.0
1963	12	2	23.0	1536.0	66.8	24.8	31.6	427.0	18.6	7.3	278.0	0.0	0.0	0.0
Subtotal		22	445	31601.0	71.0	3.9		7268.0				0.0		
1964	1	3	79.0	16246.0	205.6	174.7	47.8	4597.0	58.2	11.9	283.0	0.0	0.0	0.0
1964	2	3	43.0	13799.0	320.9	158.6	61.6	4007.0	93.2	15.9	290.4	0.0	0.0	0.0
1964	3	1	14.0	873.0	62.4	28.2	62.5	269.0	19.2	16.1	308.1	0.0	0.0	0.0
1964	4	3	41.0	8146.0	198.7	90.5	70.7	2546.0	62.1	18.7	312.5	0.0	0.0	0.0
1964	5	3	75.0	13979.0	186.4	150.3	84.6	4362.0	58.2	23.0	312.0	0.0	0.0	0.0
1964	6	3	84.0	12596.0	150.0	140.0	97.2	4007.0	47.7	27.1	318.1	0.0	0.0	0.0
1964	7	3	78.0	14976.0	192.0	161.0	112.2	4695.0	60.2	31.8	313.5	0.0	0.0	0.0
1964	8	3	76.0	16959.0	223.1	182.4	129.2	6233.0	82.0	38.0	367.5	0.0	0.0	0.0
1964	9	3	88.0	13821.0	157.1	153.6	143.0	4975.0	56.5	43.0	360.0	0.0	0.0	0.0
1964	10	3	48.0	9248.0	192.7	99.4	152.2	3334.0	69.5	46.3	360.5	0.0	0.0	0.0
1964	11	4	83.0	18349.0	221.1	152.9	170.6	6294.0	75.8	52.6	343.0	0.0	0.0	0.0
1964	12	3	81.0	20143.0	248.7	216.6	190.7	6827.0	84.3	59.4	338.9	0.0	0.0	0.0
Subtotal		35	790	159135.0	201.4	12.4		52146.0				0.0		

* BOPPD: BARRELS PER WELL PER PRODUCING DAY.

* BOPCD: BARRELS PER WELL PER CALENDAR DAY.

WEST PUERTO CHIQUITO POOL, RIO ARRIBA CO., NM
 BENSON-MONTIN-GREER DRILLING CORP. CANADA OJITOS UNIT TOTAL.

YR	MO	NO WELLS	WELL PROD DAYS	OIL				GAS			GOR	WATER		
				BOPM	AVE BOPPD	AVE BOPCD	CUM MBO	MCF/M	AVE MCF/D	CUM MMCF	SCF/BBL	Month	AVE BWPD	CUM MBW
1965	1	3	83.0	22550.0	271.7	242.5	213.3	7866.0	94.8	67.3	348.8	0.0	0.0	0.0
1965	2	2	52.0	21002.0	403.9	375.0	234.3	7260.0	139.6	74.5	345.7	0.0	0.0	0.0
1965	3	3	72.0	24679.0	342.8	265.4	259.0	6993.0	97.1	81.5	283.4	0.0	0.0	0.0
1965	4	4	100.0	29221.0	292.2	243.5	288.2	7215.0	72.2	88.7	246.9	0.0	0.0	0.0
1965	5	3	77.0	15492.0	201.2	166.6	303.7	4630.0	60.1	93.4	298.9	0.0	0.0	0.0
1965	6	2	13.0	3020.0	232.3	50.3	306.7	1050.0	80.8	94.4	347.7	0.0	0.0	0.0
1965	7	1	2.0	413.0	206.5	13.3	307.1	156.0	78.0	94.6	377.7	0.0	0.0	0.0
1965	8	1	28.0	13067.0	466.7	421.5	320.2	4965.0	177.3	99.5	380.0	0.0	0.0	0.0
1965	9	2	40.0	18718.0	468.0	312.0	338.9	7208.0	180.2	106.8	385.1	0.0	0.0	0.0
1965	10	2	62.0	28221.0	455.2	455.2	367.1	11010.0	177.6	117.8	390.1	0.0	0.0	0.0
1965	11	3	71.0	28070.0	395.4	311.9	395.2	10204.0	143.7	128.0	363.5	0.0	0.0	0.0
1965	12	3	93.0	34489.0	370.8	370.8	429.7	11601.0	124.7	139.6	336.4	0.0	0.0	0.0
Subtotal		29	693	238942.0	344.8	22.6		80158.0				0.0		
1966	1	3	93.0	33407.0	359.2	359.2	463.1	12850.0	138.2	152.4	384.6	0.0	0.0	0.0
1966	2	3	83.0	27013.0	325.5	321.6	490.1	10363.0	124.9	162.8	383.6	0.0	0.0	0.0
1966	3	4	108.0	32946.0	305.1	265.7	523.0	12608.0	116.7	175.4	382.7	0.0	0.0	0.0
1966	4	4	105.0	26873.0	255.9	223.9	549.9	10238.0	97.5	185.6	381.0	0.0	0.0	0.0
1966	5	4	108.0	30042.0	278.2	242.3	580.0	11459.0	106.1	197.1	381.4	0.0	0.0	0.0
1966	6	4	111.0	30559.0	275.3	254.7	610.5	11631.0	104.8	208.7	380.6	0.0	0.0	0.0
1966	7	4	118.0	28271.0	239.6	228.0	638.8	10802.0	91.5	219.5	382.1	0.0	0.0	0.0
1966	8	4	98.0	25000.0	255.1	201.6	663.8	8849.0	90.3	228.4	354.0	0.0	0.0	0.0
1966	9	4	118.0	29231.0	247.7	243.6	693.0	10662.0	90.4	239.0	364.7	0.0	0.0	0.0
1966	10	4	111.0	27029.0	243.5	218.0	720.0	9727.0	87.6	248.8	359.9	0.0	0.0	0.0
1966	11	4	114.0	26565.0	233.0	221.4	746.6	9629.0	84.5	258.4	362.5	0.0	0.0	0.0
1966	12	4	92.0	23205.0	252.2	187.1	769.8	8451.0	91.9	266.8	364.2	0.0	0.0	0.0
Subtotal		46	1259	340141.0	270.2	20.3		127269.0				0.0		
1967	1	5	117.0	29408.0	251.4	189.7	799.2	10724.0	91.7	277.6	364.7	0.0	0.0	0.0
1967	2	5	109.0	22989.0	210.9	164.2	822.2	8372.0	76.8	285.9	364.2	0.0	0.0	0.0
1967	3	5	144.0	29921.0	207.8	193.0	852.1	10892.0	75.6	296.8	364.0	0.0	0.0	0.0
1967	4	5	143.0	28564.0	199.7	190.4	880.7	10474.0	73.2	307.3	366.7	0.0	0.0	0.0
1967	5	5	147.0	28877.0	196.4	186.3	909.6	10605.0	72.1	317.9	367.2	0.0	0.0	0.0
1967	6	5	139.0	27695.0	199.2	184.6	937.3	10157.0	73.1	328.1	366.7	0.0	0.0	0.0
1967	7	5	149.0	27590.0	185.2	178.0	964.9	10181.0	68.3	338.2	369.0	0.0	0.0	0.0
1967	8	6	138.0	27549.0	199.6	148.1	992.4	10633.0	77.1	348.9	386.0	0.0	0.0	0.0
1967	9	6	136.0	29461.0	216.6	163.7	1021.9	9997.0	73.5	358.9	339.3	0.0	0.0	0.0
1967	10	6	184.0	34766.0	188.9	186.9	1056.6	12875.0	70.0	371.8	370.3	0.0	0.0	0.0
1967	11	7	161.0	28022.0	174.0	133.4	1084.7	13123.0	81.5	384.9	468.3	0.0	0.0	0.0
1967	12	6	154.0	24972.0	162.2	134.3	1109.6	10043.0	65.2	394.9	402.2	0.0	0.0	0.0
Subtotal		66	1721	339814.0	197.5	14.1		128076.0				0.0		

* BOPPD: BARRELS PER WELL PER PRODUCING DAY.

* BOPCD: BARRELS PER WELL PER CALENDAR DAY.

WEST PUERTO CHQUITO POOL, RIO ARRIBA CO., NM
 BENSON-MONTIN-GREER DRILLING CORP. CANADA OJITOS UNIT TOTAL.

		OIL						GAS		GOR	WATER			
		NO PROD WELLS	WELL DAYS PROD	AVE		AVE	CUM	AVE		CUM		AVE		CUM
YR	MO			BOPM	BOPPD	BOPCD	MBO	MCF/M	MCF/D	MMCF	SCF/BBL	Month	BWPD	MBW
1968	1	7	192.0	35282.0	183.8	162.6	1144.9	14219.0	74.1	409.1	403.0	0.0	0.0	0.0
1968	2	6	151.0	33156.0	219.6	197.4	1178.1	12895.0	85.4	422.0	388.9	0.0	0.0	0.0
1968	3	6	164.0	33707.0	205.5	181.2	1211.8	13205.0	80.5	435.2	391.8	0.0	0.0	0.0
1968	4	7	196.0	36217.0	184.8	172.5	1248.0	14716.0	75.1	450.0	406.3	0.0	0.0	0.0
1968	5	7	207.0	34631.0	167.3	159.6	1282.6	14022.0	67.7	464.0	404.9	0.0	0.0	0.0
1968	6	7	182.0	32323.0	177.6	153.9	1314.9	12542.0	68.9	476.5	388.0	0.0	0.0	0.0
1968	7	7	214.0	34117.0	159.4	157.2	1349.1	14179.0	66.3	490.7	415.6	0.0	0.0	0.0
1968	8	7	206.0	29644.0	143.9	136.6	1378.7	10942.0	53.1	501.6	369.1	0.0	0.0	0.0
1968	9	7	191.0	30687.0	160.7	146.1	1409.4	12445.0	65.2	514.1	405.5	0.0	0.0	0.0
1968	10	6	157.0	29749.0	189.5	159.9	1439.1	9816.0	62.5	523.9	330.0	0.0	0.0	0.0
1968	11	6	172.0	27635.0	160.7	153.5	1466.8	9223.0	53.6	533.1	333.7	0.0	0.0	0.0
1968	12	7	183.0	32793.0	179.2	151.1	1499.6	13146.0	71.8	546.3	400.9	0.0	0.0	0.0
Subtotal		80	2215	389941.0	176.0	13.4		151350.0				0.0		
1969	1	7	168.0	33383.0	198.7	153.8	1533.0	14627.0	87.1	560.9	438.2	0.0	0.0	0.0
1969	2	6	151.0	40602.0	268.9	233.3	1573.6	21457.0	142.1	582.4	528.5	0.0	0.0	0.0
1969	3	5	120.0	43391.0	361.6	279.9	1617.0	17130.0	142.8	599.5	394.8	0.0	0.0	0.0
1969	4	6	166.0	41548.0	250.3	230.8	1658.5	16241.0	97.8	615.7	390.9	0.0	0.0	0.0
1969	5	7	184.0	45868.0	249.3	211.4	1704.4	16413.0	89.2	632.1	357.8	0.0	0.0	0.0
1969	6	7	188.0	45002.0	239.4	214.3	1749.4	17094.0	90.9	649.2	379.8	0.0	0.0	0.0
1969	7	7	192.0	50686.0	264.0	233.6	1800.1	18113.0	94.3	667.3	357.4	0.0	0.0	0.0
1969	8	5	137.0	37355.0	272.7	241.0	1837.4	13540.0	98.8	680.9	362.5	0.0	0.0	0.0
1969	9	4	110.0	41074.0	373.4	342.3	1878.5	13217.0	120.2	694.1	321.8	0.0	0.0	0.0
1969	10	4	119.0	44325.0	372.5	357.5	1922.8	14703.0	123.6	708.8	331.7	0.0	0.0	0.0
1969	11	6	133.0	39946.0	300.3	221.9	1962.8	14499.0	109.0	723.3	363.0	0.0	0.0	0.0
1969	12	7	191.0	48818.0	255.6	225.0	2011.6	21127.0	110.6	744.4	432.8	0.0	0.0	0.0
Subtotal		71	1859	511998.0	275.4	19.7		198161.0				0.0		
1970	1	7	189.0	55925.0	295.9	257.7	2067.5	22307.0	118.0	766.7	398.9	0.0	0.0	0.0
1970	2	7	153.0	46905.0	306.6	239.3	2114.4	17123.0	111.9	783.9	365.1	0.0	0.0	0.0
1970	3	7	205.0	60782.0	296.5	280.1	2175.2	25483.0	124.3	809.3	419.3	0.0	0.0	0.0
1970	4	8	225.0	60016.0	266.7	250.1	2235.2	25545.0	113.5	834.9	425.6	0.0	0.0	0.0
1970	5	8	223.0	60196.0	269.9	242.7	2295.4	20173.0	90.5	855.1	335.1	0.0	0.0	0.0
1970	6	7	194.0	57806.0	298.0	275.3	2353.2	24682.0	127.2	879.7	427.0	0.0	0.0	0.0
1970	7	7	205.0	57883.0	282.4	266.7	2411.1	24181.0	118.0	903.9	417.8	0.0	0.0	0.0
1970	8	8	212.0	65452.0	308.7	263.9	2476.5	25373.0	119.7	929.3	387.7	0.0	0.0	0.0
1970	9	7	206.0	67499.0	327.7	321.4	2544.0	22841.0	110.9	952.1	338.4	0.0	0.0	0.0
1970	10	7	211.0	64642.0	306.4	297.9	2608.7	22151.0	105.0	974.3	342.7	0.0	0.0	0.0
1970	11	7	180.0	60324.0	335.1	287.3	2669.0	20504.0	113.9	994.8	339.9	0.0	0.0	0.0
1970	12	7	203.0	65389.0	322.1	301.3	2734.4	22771.0	112.2	1017.6	348.2	0.0	0.0	0.0
Subtotal		87	2406	722819.0	300.4	22.8		201008.0				0.0		

* BOPPD: BARRELS PER WELL PER PRODUCING DAY.

* BOPCD: BARRELS PER WELL PER CALENDAR DAY.

WEST PUERTO CHIQUITO POOL, RIO ARRIBA CO., NM
 BENSON-MONTIN-GREER DRILLING CORP. CANADA OJITOS UNIT TOTAL.

		OIL						GAS			GOR	WATER		
		NO	WELL											
YR	MO	PROD	DAYS	BOPM	AVE	AVE	CUM	MCF/M	AVE	CUM	SCF/BBL	Month	AVE	CUM
		WELLS	PROD		BOPPD	BOPCD	MBD		MCF/D	MMCF			BWPD	MBW
1971	1	7	195.0	66292.0	340.0	305.5	2800.7	24414.0	125.2	1042.0	368.3	0.0	0.0	0.0
1971	2	8	210.0	51180.0	243.7	228.5	2851.9	21285.0	101.4	1063.3	415.9	0.0	0.0	0.0
1971	3	8	222.0	63687.0	286.9	256.8	2915.6	25979.0	117.0	1089.2	407.9	0.0	0.0	0.0
1971	4	8	203.0	57210.0	281.8	238.4	2972.8	21122.0	104.0	1110.4	369.2	0.0	0.0	0.0
1971	5	8	217.0	62473.0	287.9	251.9	3035.2	18627.0	85.8	1129.0	298.2	0.0	0.0	0.0
1971	6	6	174.0	59356.0	341.1	329.8	3094.6	18528.0	106.5	1147.5	312.2	0.0	0.0	0.0
1971	7	7	184.0	66811.0	363.1	307.9	3161.4	23907.0	129.9	1171.4	357.8	0.0	0.0	0.0
1971	8	8	209.0	64796.0	310.0	261.3	3226.2	23665.0	113.2	1195.1	365.2	0.0	0.0	0.0
1971	9	9	241.0	61281.0	254.3	227.0	3287.5	22153.0	91.9	1217.2	361.5	0.0	0.0	0.0
1971	10	9	242.0	68201.0	281.8	244.4	3355.7	24337.0	100.6	1241.6	356.8	0.0	0.0	0.0
1971	11	8	236.0	69743.0	295.5	290.6	3425.4	24121.0	102.2	1265.7	345.9	0.0	0.0	0.0
1971	12	9	256.0	72918.0	284.8	261.4	3498.3	25921.0	101.3	1291.6	355.5	0.0	0.0	0.0
Subtotal		95	2589	763948.0	295.1	22.0		274059.0				0.0		
1972	1	8	248.0	73785.0	297.5	297.5	3572.1	25723.0	103.7	1317.3	348.6	0.0	0.0	0.0
1972	2	9	234.0	62899.0	268.8	249.6	3635.0	23072.0	98.6	1340.4	366.8	0.0	0.0	0.0
1972	3	9	268.0	63416.0	236.6	227.3	3698.4	22214.0	82.9	1362.6	350.3	0.0	0.0	0.0
1972	4	9	266.0	60062.0	225.8	222.5	3758.5	17657.0	66.4	1380.3	294.0	0.0	0.0	0.0
1972	5	9	256.0	53583.0	209.3	192.1	3812.1	39174.0	153.0	1419.5	731.1	0.0	0.0	0.0
1972	6	8	221.0	44450.0	201.1	185.2	3856.5	23865.0	108.0	1443.3	536.9	0.0	0.0	0.0
1972	7	8	236.0	45738.0	193.8	184.4	3902.3	23499.0	99.6	1466.8	513.8	0.0	0.0	0.0
1972	8	8	247.0	44124.0	178.6	177.9	3946.4	21931.0	88.8	1488.8	497.0	0.0	0.0	0.0
1972	9	8	225.0	42723.0	189.9	178.0	3989.1	20569.0	91.4	1509.3	481.5	0.0	0.0	0.0
1972	10	8	210.0	43942.0	209.2	177.2	4033.1	22157.0	105.5	1531.5	504.2	0.0	0.0	0.0
1972	11	7	195.0	42204.0	216.4	201.0	4075.3	21411.0	109.8	1552.9	507.3	0.0	0.0	0.0
1972	12	8	229.0	43945.0	191.9	177.2	4119.2	20152.0	88.0	1573.0	458.6	0.0	0.0	0.0
Subtotal		99	2835	620871.0	219.0	17.2		281424.0				0.0		
1973	1	8	245.0	43598.0	178.0	175.8	4162.8	21228.0	86.6	1594.3	486.9	0.0	0.0	0.0
1973	2	8	208.0	39692.0	190.8	177.2	4202.5	19523.0	93.9	1613.8	491.9	0.0	0.0	0.0
1973	3	7	186.0	41664.0	224.0	192.0	4244.2	35155.0	189.0	1649.0	843.8	0.0	0.0	0.0
1973	4	7	184.0	40615.0	220.7	193.4	4284.8	37378.0	203.1	1686.3	920.3	0.0	0.0	0.0
1973	5	8	224.0	45606.0	203.6	183.9	4330.4	45163.0	201.6	1731.5	990.3	0.0	0.0	0.0
1973	6	8	236.0	40226.0	170.4	167.6	4370.6	36997.0	156.8	1768.5	919.7	0.0	0.0	0.0
1973	7	9	243.0	41045.0	168.9	147.1	4411.7	43028.0	177.1	1811.5	1048.3	0.0	0.0	0.0
1973	8	9	271.0	41277.0	152.3	147.9	4452.9	44076.0	162.6	1855.6	1067.8	0.0	0.0	0.0
1973	9	9	264.0	40417.0	153.1	149.7	4493.3	39520.0	149.7	1895.1	977.8	0.0	0.0	0.0
1973	10	9	258.0	41401.0	160.5	148.4	4534.8	44598.0	172.9	1939.7	1077.2	0.0	0.0	0.0
1973	11	8	233.0	39044.0	167.6	162.7	4573.8	44695.0	191.8	1984.4	1144.7	0.0	0.0	0.0
1973	12	8	245.0	39876.0	162.8	160.8	4613.7	46224.0	188.7	2030.6	1159.2	0.0	0.0	0.0
Subtotal		98	2797	494461.0	176.8	13.8		457585.0				0.0		

* BOPPD: BARRELS PER WELL PER PRODUCING DAY.

* BOPCD: BARRELS PER WELL PER CALENDAR DAY.

WEST PUERTO CHIQUITO POOL, RIO ARRIBA CO., NM
 BENSON-MONTIN-GREER DRILLING CORP. CANADA OJITOS UNIT TOTAL.

				OIL				GAS			GOR	WATER		
		NO	WELL											
		PROD	DAYS		AVE	AVE	CUM		AVE	CUM			AVE	CUM
YR	MO	WELLS	PROD	BOPM	BOPPD	BOPCD	MBO	MCF/M	MCF/D	MMCF	SCF/BBL	Month	BWPD	MBW
1974	1	8	222.0	39165.0	176.4	157.9	4652.8	46247.0	208.3	2076.9	1180.8	0.0	0.0	0.0
1974	2	8	213.0	36056.0	169.3	155.4	4688.9	42330.0	198.7	2119.2	1174.0	0.0	0.0	0.0
1974	3	8	228.0	39939.0	175.2	161.0	4728.8	47986.0	210.5	2167.2	1201.5	0.0	0.0	0.0
1974	4	8	240.0	40492.0	168.7	168.7	4769.3	46450.0	193.5	2213.6	1147.1	0.0	0.0	0.0
1974	5	9	252.0	38992.0	154.7	139.8	4808.3	41472.0	164.6	2255.1	1063.6	0.0	0.0	0.0
1974	6	9	263.0	36301.0	138.0	134.4	4844.6	35244.0	134.0	2290.4	970.9	0.0	0.0	0.0
1974	7	9	264.0	35893.0	136.0	128.6	4880.5	47073.0	178.3	2337.4	1311.5	0.0	0.0	0.0
1974	8	9	268.0	34978.0	130.5	125.4	4915.5	46631.0	174.0	2384.1	1333.2	0.0	0.0	0.0
1974	9	9	256.0	32893.0	128.5	121.8	4948.4	44508.0	173.9	2428.6	1353.1	0.0	0.0	0.0
1974	10	8	226.0	32281.0	142.8	130.2	4980.7	45621.0	201.9	2474.2	1413.2	0.0	0.0	0.0
1974	11	7	177.0	28791.0	162.7	137.1	5009.5	40649.0	229.7	2514.8	1411.9	0.0	0.0	0.0
1974	12	7	201.0	31203.0	155.2	143.8	5040.7	46385.0	230.8	2561.2	1486.6	0.0	0.0	0.0
Subtotal		99	2810	426984.0	152.0	11.8		530596.0				0.0		
1975	1	7	209.0	30457.0	145.7	140.4	5071.1	44024.0	210.6	2605.2	1445.4	0.0	0.0	0.0
1975	2	7	196.0	27277.0	139.2	139.2	5098.4	40742.0	207.9	2646.0	1493.6	0.0	0.0	0.0
1975	3	5	155.0	27259.0	175.9	175.9	5125.6	42488.0	274.1	2688.5	1558.7	0.0	0.0	0.0
1975	4	7	170.0	27330.0	160.8	130.1	5153.0	45409.0	267.1	2733.9	1661.5	0.0	0.0	0.0
1975	5	7	206.0	27264.0	132.3	125.6	5180.2	46932.0	227.8	2780.8	1721.4	0.0	0.0	0.0
1975	6	6	180.0	24841.0	138.0	138.0	5205.1	38867.0	215.9	2819.7	1564.6	0.0	0.0	0.0
1975	7	6	186.0	25457.0	136.9	136.9	5230.5	40585.0	218.2	2860.3	1594.3	0.0	0.0	0.0
1975	8	6	182.0	25127.0	138.1	135.1	5255.7	40311.0	221.5	2900.6	1604.3	0.0	0.0	0.0
1975	9	5	146.0	21661.0	148.4	144.4	5277.3	37995.0	260.2	2938.6	1754.1	0.0	0.0	0.0
1975	10	5	155.0	24457.0	157.8	157.8	5301.8	40899.0	263.9	2979.5	1672.3	0.0	0.0	0.0
1975	11	5	149.0	23221.0	155.8	154.8	5325.0	39844.0	267.4	3019.3	1715.9	0.0	0.0	0.0
1975	12	5	154.0	23851.0	154.9	153.9	5348.9	39702.0	257.8	3059.0	1664.6	0.0	0.0	0.0
Subtotal		71	2088	308202.0	147.6	11.9		497798.0				0.0		
1976	1	5	155.0	24330.0	157.0	157.0	5373.2	40980.0	264.4	3100.0	1684.3	0.0	0.0	0.0
1976	2	5	145.0	22891.0	157.9	163.5	5396.1	38709.0	267.0	3138.7	1691.0	0.0	0.0	0.0
1976	3	5	155.0	25303.0	163.2	163.2	5421.4	42870.0	276.6	3181.6	1694.3	0.0	0.0	0.0
1976	4	5	144.0	23205.0	161.1	154.7	5444.6	41226.0	286.3	3222.8	1776.6	0.0	0.0	0.0
1976	5	6	162.0	24803.0	153.1	133.3	5469.4	43037.0	265.7	3265.8	1735.2	0.0	0.0	0.0
1976	6	8	206.0	24428.0	118.6	101.8	5493.8	37462.0	181.9	3303.3	1533.6	0.0	0.0	0.0
1976	7	8	244.0	26497.0	108.6	106.8	5520.3	41423.0	169.8	3344.7	1563.3	0.0	0.0	0.0
1976	8	8	245.0	26527.0	108.3	107.0	5546.8	41229.0	168.3	3386.0	1554.2	0.0	0.0	0.0
1976	9	8	227.0	24714.0	108.9	103.0	5571.6	38423.0	169.3	3424.4	1554.7	0.0	0.0	0.0
1976	10	8	232.0	26174.0	112.8	105.5	5597.7	37438.0	161.4	3461.8	1430.4	0.0	0.0	0.0
1976	11	8	233.0	24955.0	107.1	104.0	5622.7	36974.0	158.7	3498.8	1481.6	0.0	0.0	0.0
1976	12	8	234.0	26309.0	112.4	106.1	5649.0	43178.0	184.5	3542.0	1641.2	0.0	0.0	0.0
Subtotal		82	2382	300136.0	126.0	10.0		482949.0				0.0		

* BOPPD: BARRELS PER WELL PER PRODUCING DAY.

* BOPCD: BARRELS PER WELL PER CALENDAR DAY.

WEST PUERTO CHIQUITO POOL, RIO ARRIBA CO., NM
 BENSON-MONTIN-GREER DRILLING CORP. CANADA OJITOS UNIT TOTAL.

		OIL						GAS			GOR	WATER		
		NO	WELL											
		PROD	DAYS		AVE	AVE	CUM		AVE	CUM			AVE	CUM
YR	MO	WELLS	PROD	BOPM	BOPPD	BOPCD	MBO	MCF/M	MCF/D	MMCF	SCF/BBL	Month	BWPD	MBW
1977	1	8	240.0	26475.0	110.3	106.8	5675.5	41460.0	172.8	3583.4	1566.0	0.0	0.0	0.0
1977	2	8	222.0	23129.0	104.2	103.3	5698.6	38189.0	172.0	3621.6	1651.1	0.0	0.0	0.0
1977	3	8	246.0	25682.0	104.4	103.6	5724.3	39153.0	159.2	3660.8	1524.5	0.0	0.0	0.0
1977	4	8	237.0	25895.0	109.3	107.9	5750.2	43174.0	182.2	3703.9	1667.3	0.0	0.0	0.0
1977	5	8	243.0	26010.0	107.0	104.9	5776.2	41150.0	169.3	3745.1	1582.1	0.0	0.0	0.0
1977	6	8	235.0	25083.0	106.7	104.5	5801.3	37938.0	161.4	3783.0	1512.5	0.0	0.0	0.0
1977	7	8	246.0	26730.0	108.7	107.8	5828.0	41291.0	167.8	3824.3	1544.7	0.0	0.0	0.0
1977	8	8	248.0	24162.0	97.4	97.4	5852.2	40465.0	163.2	3864.8	1674.7	0.0	0.0	0.0
1977	9	8	240.0	22383.0	93.3	93.3	5874.5	37556.0	156.5	3902.3	1677.9	0.0	0.0	0.0
1977	10	8	246.0	23592.0	95.9	95.1	5898.1	42173.0	171.4	3944.5	1787.6	0.0	0.0	0.0
1977	11	8	240.0	23078.0	96.2	96.2	5921.2	40275.0	167.8	3984.8	1745.2	0.0	0.0	0.0
1977	12	8	242.0	22850.0	94.4	92.1	5944.1	39816.0	164.5	4024.6	1742.5	0.0	0.0	0.0
Subtotal		96	2885	295069.0	102.3	8.4		482640.0				0.0		
1978	1	8	239.0	22186.0	92.8	89.5	5966.2	46468.0	194.4	4071.1	2094.5	0.0	0.0	0.0
1978	2	8	224.0	19465.0	86.9	86.9	5985.7	38780.0	173.1	4109.9	1992.3	0.0	0.0	0.0
1978	3	8	160.0	19805.0	123.8	79.9	6005.5	40991.0	256.2	4150.9	2069.7	0.0	0.0	0.0
1978	4	8	212.0	19461.0	91.8	81.1	6025.0	37526.0	177.0	4188.4	1928.3	0.0	0.0	0.0
1978	5	7	201.0	20379.0	101.4	93.9	6045.4	50983.0	253.6	4239.4	2501.7	0.0	0.0	0.0
1978	6	7	208.0	19267.0	92.6	91.7	6064.6	48436.0	232.9	4287.8	2513.9	0.0	0.0	0.0
1978	7	7	189.0	19385.0	102.6	89.3	6084.0	51808.0	274.1	4339.6	2672.6	0.0	0.0	0.0
1978	8	7	187.0	19049.0	101.9	87.8	6103.1	52184.0	279.1	4391.8	2739.5	0.0	0.0	0.0
1978	9	7	210.0	19037.0	90.7	90.7	6122.1	53287.0	253.7	4445.1	2799.1	0.0	0.0	0.0
1978	10	8	227.0	20571.0	90.6	82.9	6142.7	56130.0	247.3	4501.2	2728.6	0.0	0.0	0.0
1978	11	8	229.0	19004.0	83.0	79.2	6161.7	50890.0	222.2	4552.1	2677.9	0.0	0.0	0.0
1978	12	8	247.0	19303.0	78.1	77.8	6181.0	49112.0	198.8	4601.2	2544.3	0.0	0.0	0.0
Subtotal		91	2533	236912.0	93.5	7.1		576595.0				0.0		
1979	1	8	209.0	18401.0	88.0	74.2	6199.4	45541.0	217.9	4646.7	2474.9	0.0	0.0	0.0
1979	2	8	200.0	16981.0	84.9	73.2	6216.4	42885.0	214.4	4689.6	2525.5	0.0	0.0	0.0
1979	3	7	204.0	18311.0	89.8	84.4	6234.7	46578.0	228.3	4736.2	2543.7	0.0	0.0	0.0
1979	4	7	193.0	17609.0	91.2	83.9	6252.3	45237.0	234.4	4781.4	2569.0	0.0	0.0	0.0
1979	5	8	218.0	18412.0	84.5	74.2	6270.7	47403.0	217.4	4828.9	2574.6	0.0	0.0	0.0
1979	6	8	212.0	17762.0	83.8	74.0	6288.5	43419.0	204.8	4872.3	2444.5	0.0	0.0	0.0
1979	7	8	244.0	18426.0	75.5	74.3	6306.9	48834.0	200.1	4921.1	2650.3	0.0	0.0	0.0
1979	8	8	246.0	18601.0	75.6	75.0	6325.5	47310.0	192.3	4968.4	2543.4	0.0	0.0	0.0
1979	9	8	234.0	17733.0	75.8	73.9	6343.2	44629.0	190.7	5013.0	2516.7	0.0	0.0	0.0
1979	10	8	238.0	19294.0	81.1	77.8	6362.5	46000.0	193.3	5059.0	2384.2	0.0	0.0	0.0
1979	11	8	240.0	18281.0	76.2	76.2	6380.8	22194.0	92.5	5081.2	1214.0	0.0	0.0	0.0
1979	12	8	241.0	19042.0	79.0	76.8	6399.8	45410.0	188.4	5126.6	2384.7	0.0	0.0	0.0
Subtotal		94	2679	218853.0	81.7	6.4		525440.0				0.0		

* BOPPD: BARRELS PER WELL PER PRODUCING DAY.

* BOPCD: BARRELS PER WELL PER CALENDAR DAY.

WEST PUERTO CHIQUITO POOL, RIO ARRIBA CO., NM
 BENSON-MONTIN-GREER DRILLING CORP. CANADA OJITOS UNIT TOTAL.

		OIL						GAS			GOR	WATER			
		NO	WELL												
		PROD	DAYS		AVE	AVE	CUM		AVE	CUM			AVE	CUM	
YR	MO	WELLS	PROD	BOPM	BOPPD	BOPCD	MBO	MCF/M	MCF/D	MMCF	SCF/BBL	Month	BWPD	MBW	
1980	1	8	210.0	18594.0	88.5	75.0	6418.4	37608.0	179.1	5164.3	2022.6	0.0	0.0	0.0	
1980	2	7	190.0	16870.0	88.8	86.1	6435.3	34209.0	180.0	5198.5	2027.8	0.0	0.0	0.0	
1980	3	5	137.0	18276.0	133.4	117.9	6453.6	39992.0	291.9	5238.5	2188.2	0.0	0.0	0.0	
1980	4	8	216.0	18829.0	87.2	78.5	6472.4	38005.0	175.9	5276.5	2018.4	0.0	0.0	0.0	
1980	5	8	239.0	19284.0	80.7	77.8	6491.7	38701.0	161.9	5315.2	2006.9	0.0	0.0	0.0	
1980	6	8	237.0	18522.0	78.2	77.2	6510.2	41243.0	174.0	5356.4	2226.7	0.0	0.0	0.0	
1980	7	8	241.0	18460.0	76.6	74.4	6528.7	40664.0	168.7	5397.1	2202.8	0.0	0.0	0.0	
1980	8	8	239.0	19202.0	80.3	77.4	6547.9	43210.0	180.8	5440.3	2250.3	0.0	0.0	0.0	
1980	9	8	239.0	18123.0	75.8	75.5	6566.0	40504.0	169.5	5480.8	2235.0	0.0	0.0	0.0	
1980	10	8	248.0	19124.0	77.1	77.1	6585.1	14584.0	58.8	5495.4	762.6	0.0	0.0	0.0	
1980	11	8	233.0	18121.0	77.8	75.5	6603.2	33949.0	145.7	5529.3	1873.5	0.0	0.0	0.0	
1980	12	8	232.0	18333.0	79.0	73.9	6621.6	40514.0	174.6	5569.8	2209.9	0.0	0.0	0.0	
Subtotal		92	2661	221738.0	83.3	6.6	443183.0						0.0		
1981	1	8	226.0	18244.0	80.7	73.6	6639.8	40160.0	177.7	5610.0	2201.3	0.0	0.0	0.0	
1981	2	8	222.0	17492.0	78.8	78.1	6657.3	35135.0	158.3	5645.1	2008.6	0.0	0.0	0.0	
1981	3	8	188.0	17640.0	93.8	71.1	6674.9	43140.0	229.5	5688.3	2445.6	0.0	0.0	0.0	
1981	4	8	215.0	17858.0	83.1	74.4	6692.8	41671.0	193.8	5729.9	2333.5	0.0	0.0	0.0	
1981	5	8	210.0	18316.0	87.2	73.9	6711.1	46373.0	220.8	5776.3	2531.8	0.0	0.0	0.0	
1981	6	8	236.0	18627.0	78.9	77.6	6729.7	43947.0	186.2	5820.3	2359.3	0.0	0.0	0.0	
1981	7	8	242.0	19084.0	78.9	77.0	6748.8	45515.0	188.1	5865.8	2385.0	0.0	0.0	0.0	
1981	8	7	205.0	18541.0	90.4	85.4	6767.4	47056.0	229.5	5912.8	2537.9	0.0	0.0	0.0	
1981	9	8	201.0	17724.0	88.2	73.9	6785.1	40017.0	199.1	5952.8	2257.8	0.0	0.0	0.0	
1981	10	8	248.0	18381.0	74.1	74.1	6803.5	43401.0	175.0	5996.2	2361.2	0.0	0.0	0.0	
1981	11	8	235.0	17767.0	75.6	74.0	6821.2	39821.0	169.5	6036.1	2241.3	0.0	0.0	0.0	
1981	12	8	231.0	17772.0	76.9	71.7	6839.0	37199.0	161.0	6073.3	2093.1	0.0	0.0	0.0	
Subtotal		95	2659	217446.0	81.8	6.3	503435.0						0.0		
1982	1	8	228.0	18096.0	79.4	73.0	6857.1	44214.0	193.9	6117.5	2443.3	0.0	0.0	0.0	
1982	2	8	223.0	16820.0	75.4	75.1	6873.9	41346.0	185.4	6158.8	2458.1	0.0	0.0	0.0	
1982	3	8	192.0	17737.0	92.4	71.5	6891.7	41564.0	216.5	6200.4	2343.4	0.0	0.0	0.0	
1982	4	8	239.0	17958.0	75.1	74.8	6909.6	42563.0	178.1	6243.0	2370.1	0.0	0.0	0.0	
1982	5	8	240.0	18429.0	76.8	74.3	6928.1	41981.0	174.9	6284.9	2278.0	0.0	0.0	0.0	
1982	6	7	203.0	17294.0	85.2	82.4	6945.3	41196.0	202.9	6326.1	2382.1	0.0	0.0	0.0	
1982	7	7	217.0	17665.0	81.4	81.4	6963.0	42792.0	197.2	6368.9	2422.4	0.0	0.0	0.0	
1982	8	8	241.0	18159.0	75.3	73.2	6981.2	42355.0	175.7	6411.3	2332.5	0.0	0.0	0.0	
1982	9	8	214.0	16572.0	77.4	69.1	6997.7	40488.0	189.2	6451.8	2443.2	0.0	0.0	0.0	
1982	10	8	229.0	18609.0	81.3	75.0	7016.4	42929.0	187.5	6494.7	2306.9	0.0	0.0	0.0	
1982	11	8	223.0	16779.0	75.2	69.9	7033.1	37052.0	166.2	6531.7	2208.2	0.0	0.0	0.0	
1982	12	8	228.0	18186.0	79.8	73.3	7051.3	43725.0	191.8	6575.5	2404.3	0.0	0.0	0.0	
Subtotal		94	2677	212304.0	79.3	6.2	502205.0						0.0		

* BOPPD: BARRELS PER WELL PER PRODUCING DAY.

* BOPCD: BARRELS PER WELL PER CALENDAR DAY.

WEST PUERTO CHIVUITO POOL, RIO ARRIBA CO., NM
 BENSON-MONTIN-GREER DRILLING CORP. CANADA OJITOS UNIT TOTAL.

				OIL				GAS			GOR	WATER		
		NO	WELL											
		PROD	DAYS		AVE	AVE	CUM		AVE	CUM			AVE	CUM
YR	MO	WELLS	PROD	BOPM	BOPPD	BOPCD	MBO	MCF/M	MCF/D	MMCF	SCF/BBL	Month	BWPD	MBW
1983	1	8	241.0	17845.0	74.0	72.0	7069.2	41467.0	172.1	6616.9	2323.7	0.0	0.0	0.0
1983	2	8	205.0	15460.0	75.4	69.0	7084.6	36424.0	177.7	6653.4	2356.0	0.0	0.0	0.0
1983	3	8	178.0	16399.0	92.1	66.1	7101.0	39353.0	221.1	6692.7	2399.7	0.0	0.0	0.0
1983	4	8	201.0	17301.0	86.1	72.1	7118.3	40643.0	202.2	6733.4	2349.2	0.0	0.0	0.0
1983	5	9	249.0	18212.0	73.1	65.3	7136.5	41089.0	165.0	6774.4	2256.1	0.0	0.0	0.0
1983	6	8	220.0	16728.0	76.0	69.7	7153.3	37973.0	172.6	6812.4	2270.0	0.0	0.0	0.0
1983	7	9	246.0	17510.0	71.2	62.8	7170.8	39441.0	160.3	6851.9	2252.5	0.0	0.0	0.0
1983	8	8	246.0	17548.0	71.3	70.8	7188.3	39232.0	159.5	6891.1	2235.7	0.0	0.0	0.0
1983	9	8	239.0	16499.0	69.0	68.7	7204.8	39459.0	165.1	6930.6	2391.6	0.0	0.0	0.0
1983	10	9	255.0	19313.0	75.7	69.2	7224.1	44228.0	173.4	6974.8	2290.1	0.0	0.0	0.0
1983	11	9	257.0	18007.0	70.1	66.7	7242.1	35936.0	139.8	7010.7	1995.7	0.0	0.0	0.0
1983	12	9	254.0	18164.0	71.5	65.1	7260.3	37960.0	149.4	7048.7	2089.8	0.0	0.0	0.0
Subtotal		101	2791	208986.0	74.9	5.7		473205.0				0.0		
1984	1	9	249.0	18191.0	73.1	65.2	7278.5	37592.0	151.0	7086.3	2066.5	0.0	0.0	0.0
1984	2	9	236.0	16776.0	71.1	64.3	7295.3	34845.0	147.6	7121.1	2077.1	0.0	0.0	0.0
1984	3	9	228.0	17957.0	78.8	64.4	7313.2	37175.0	163.0	7158.3	2070.2	0.0	0.0	0.0
1984	4	9	245.0	17749.0	72.4	65.7	7331.0	37324.0	152.3	7195.6	2102.9	0.0	0.0	0.0
1984	5	9	270.0	18158.0	67.3	65.1	7349.1	34857.0	129.1	7230.5	1919.6	0.0	0.0	0.0
1984	6	9	270.0	17928.0	66.4	66.4	7367.1	35390.0	131.1	7265.9	1974.0	0.0	0.0	0.0
1984	7	9	279.0	18535.0	66.4	66.4	7385.6	42641.0	152.8	7308.5	2300.6	0.0	0.0	0.0
1984	8	9	267.0	17509.0	65.6	62.8	7403.1	40265.0	150.8	7348.8	2299.7	0.0	0.0	0.0
1984	9	9	242.0	16987.0	70.2	62.9	7420.1	40793.0	168.6	7389.6	2401.4	0.0	0.0	0.0
1984	10	8	202.0	17034.0	84.3	68.7	7437.1	42415.0	210.0	7432.0	2490.0	0.0	0.0	0.0
1984	11	8	221.0	16471.0	74.5	68.6	7453.6	40276.0	182.2	7472.2	2445.3	0.0	0.0	0.0
1984	12	9	253.0	18242.0	72.1	65.4	7471.8	43763.0	173.0	7516.0	2399.0	0.0	0.0	0.0
Subtotal		106	2962	211537.0	71.4	5.5		467336.0				0.0		
1985	1	10	247.0	20839.0	84.4	67.2	7492.7	44300.0	179.4	7560.3	2125.8	0.0	0.0	0.0
1985	2	10	231.0	29988.0	129.8	107.1	7522.7	50961.0	220.6	7611.3	1699.4	0.0	0.0	0.0
1985	3	11	292.0	31917.0	109.3	93.6	7554.6	52532.0	179.9	7663.8	1645.9	0.0	0.0	0.0
1985	4	11	306.0	32335.0	105.7	98.0	7586.9	49282.0	161.1	7713.1	1524.1	0.0	0.0	0.0
1985	5	13	355.0	33401.0	94.1	82.9	7620.3	40694.0	114.6	7753.8	1218.3	0.0	0.0	0.0
1985	6	13	354.0	30293.0	85.6	77.7	7650.6	35081.0	99.1	7788.9	1158.1	0.0	0.0	0.0
1985	7	13	390.0	34228.0	87.8	84.9	7684.8	42068.0	107.9	7830.9	1229.1	0.0	0.0	0.0
1985	8	13	351.0	30170.0	86.0	74.9	7715.0	31051.0	88.5	7862.0	1029.2	0.0	0.0	0.0
1985	9	13	336.0	31309.0	93.2	80.3	7746.3	31405.0	93.5	7893.4	1003.1	0.0	0.0	0.0
1985	10	12	333.0	29953.0	89.9	80.5	7776.3	20375.0	61.2	7913.8	680.2	0.0	0.0	0.0
1985	11	11	294.0	29408.0	100.0	89.1	7805.7	19833.0	67.5	7933.6	674.4	0.0	0.0	0.0
1985	12	12	275.0	28781.0	104.7	77.4	7834.5	18341.0	66.7	7951.9	637.3	0.0	0.0	0.0
Subtotal		142	3764	362622.0	96.3	7.0		435923.0				0.0		

* BOPPD: BARRELS PER WELL PER PRODUCING DAY.

* BOPCD: BARRELS PER WELL PER CALENDAR DAY.

WEST PUERTO CHIQUITO POOL, RIO ARRIBA CO., NM
 BENSON-MONTIN-GREER DRILLING CORP. CANADA OJITOS UNIT TOTAL.

				OIL				GAS			GOR	WATER		
		NO	WELL											
YR	MO	PROD	DAYS	BOPM	AVE	AVE	CUM	MCF/M	AVE	CUM	SCF/BBL	Month	AVE	CUM
		WELLS	PROD		BOPPD	BOPCD	MBO		MCF/D	MMCF			BWPD	MBW
1986	1	12	308.0	29328.0	95.2	78.8	7863.8	13660.0	44.4	7965.6	465.8	0.0	0.0	0.0
1986	2	13	303.0	38810.0	128.1	106.6	7902.6	19576.0	64.6	7985.2	504.4	0.0	0.0	0.0
1986	3	14	364.0	61044.0	167.7	140.7	7963.6	35237.0	96.8	8020.4	577.2	0.0	0.0	0.0
1986	4	14	330.0	59511.0	180.3	141.7	8023.2	34674.0	105.1	8055.1	582.6	0.0	0.0	0.0
1986	5	16	378.0	69166.0	183.0	139.4	8092.3	40874.0	108.1	8096.0	591.0	0.0	0.0	0.0
1986	6	14	337.0	84933.0	252.0	202.2	8177.3	78512.0	233.0	8174.5	924.4	0.0	0.0	0.0
1986	7	16	424.0	88732.0	209.3	178.9	8266.0	80561.0	190.0	8255.0	907.9	0.0	0.0	0.0
1986	8	15	289.0	68263.0	236.2	146.8	8334.2	61835.0	214.0	8316.9	905.8	0.0	0.0	0.0
1986	9	16	339.0	71198.0	210.0	148.3	8405.4	68284.0	201.4	8385.1	959.1	0.0	0.0	0.0
1986	10	16	480.0	86579.0	180.4	174.6	8492.0	93613.0	195.0	8478.8	1081.2	0.0	0.0	0.0
1986	11	16	394.0	75445.0	191.5	157.2	8567.5	74381.0	188.8	8553.1	985.9	0.0	0.0	0.0
1986	12	16	428.0	77739.0	181.6	156.7	8645.2	84078.0	196.4	8637.2	1081.5	0.0	0.0	0.0
Subtotal		178	4374	810748.0	185.4	12.5		685285.0				0.0		

* BOPPD: BARRELS PER WELL PER PRODUCING DAY.

* BOPCD: BARRELS PER WELL PER CALENDAR DAY.

WEST PUERTO CHIQUITO POOL, RIO ARRIBA CO., NM
 BENSON-MONTIN-GREER DRILLING CORP. JICARILLA TOTAL.

		OIL						GAS			GOR	WATER		
		NO	WELL											
		PROD	DAYS		AVE	AVE	CUM		AVE	CUM			AVE	CUM
YR	MO	WELLS	PROD	BOPM	BOPPD	BOPCD	MMB	MCF/M	MCF/D	MMCF	SCF/BBL	Month	BWPD	MMB
1967	1	1	22.0	1307.0	59.4	42.2	1.3	9802.0	445.5	9.8	7499.6	418.0	19.0	0.4
1967	2	0	0.0	0.0	0.0	0.0	1.3	0.0	0.0	9.8	0.0	0.0	0.0	0.4
1967	3	0	0.0	0.0	0.0	0.0	1.3	0.0	0.0	9.8	0.0	0.0	0.0	0.4
1967	4	0	0.0	0.0	0.0	0.0	1.3	0.0	0.0	9.8	0.0	0.0	0.0	0.4
1967	5	1	18.0	1175.0	65.3	37.9	2.5	8812.0	489.6	18.6	7499.6	380.0	21.1	0.8
1967	6	1	30.0	1563.0	52.1	52.1	4.0	11722.0	390.7	30.3	7499.7	458.0	15.3	1.3
1967	7	1	31.0	1266.0	40.8	40.8	5.3	9495.0	306.3	39.8	7500.0	286.0	9.2	1.5
1967	8	1	23.0	1361.0	59.2	43.9	6.7	10925.0	475.0	50.8	8027.2	154.0	6.7	1.7
1967	9	0	0.0	0.0	0.0	0.0	6.7	0.0	0.0	50.8	0.0	0.0	0.0	1.7
1967	10	1	16.0	987.0	61.7	31.8	7.7	7923.0	495.2	58.7	8027.4	390.0	24.4	2.1
1967	11	1	6.0	316.0	52.7	10.5	8.0	2536.0	422.7	61.2	8025.3	36.0	6.0	2.1
1967	12	0	0.0	0.0	0.0	0.0	8.0	0.0	0.0	61.2	0.0	0.0	0.0	2.1
Subtotal		7	146	7975.0	54.6	3.1		61215.0				2122.0		
1968	1	1	2.0	128.0	64.0	4.1	8.1	1027.0	513.5	62.2	8023.4	0.0	0.0	2.1
1968	2	1	2.0	91.0	45.5	3.3	8.2	730.0	365.0	63.0	8022.0	0.0	0.0	2.1
1968	3	1	2.0	76.0	38.0	2.5	8.3	610.0	305.0	63.6	8026.3	0.0	0.0	2.1
1968	4	1	8.0	777.0	97.1	25.9	9.0	6235.0	779.4	69.8	8024.5	84.0	10.5	2.2
1968	5	1	21.0	1103.0	52.5	35.6	10.1	8854.0	421.6	78.7	8027.2	309.0	14.7	2.5
1968	6	1	25.0	702.0	28.1	23.4	10.9	5635.0	225.4	84.3	8027.1	432.0	17.3	2.9
1968	7	1	10.0	547.0	54.7	17.6	11.4	4391.0	439.1	88.7	8027.4	38.0	3.8	3.0
1968	8	1	6.0	478.0	79.7	15.4	11.9	2271.0	378.5	91.0	4751.0	94.0	15.7	3.1
1968	9	1	20.0	823.0	41.2	27.4	12.7	3909.0	195.5	94.9	4749.7	0.0	0.0	3.1
1968	10	1	8.0	618.0	77.3	19.9	13.3	2056.0	257.0	96.9	3326.9	117.0	14.6	3.2
1968	11	1	10.0	632.0	63.2	21.1	14.0	3002.0	300.2	99.9	4750.0	121.0	12.1	3.3
1968	12	1	15.0	595.0	39.7	19.2	14.5	2826.0	188.4	102.8	4749.6	191.0	12.7	3.5
Subtotal		12	129	6570.0	50.9	1.5		41546.0				1386.0		
1969	1	1	7.0	280.0	40.0	9.0	14.8	1330.0	190.0	104.1	4750.0	50.0	7.1	3.6
1969	2	1	1.0	35.0	35.0	1.2	14.9	166.0	166.0	104.3	4742.9	8.0	8.0	3.6
1969	3	1	1.0	28.0	28.0	0.9	14.9	133.0	133.0	104.4	4750.0	0.0	0.0	3.6
1969	4	1	13.0	526.0	40.5	17.5	15.4	2498.0	192.2	106.9	4749.0	282.0	21.7	3.8
1969	5	1	26.0	1140.0	43.8	36.8	16.6	5415.0	208.3	112.3	4750.0	471.0	18.1	4.3
1969	6	1	28.0	977.0	34.9	32.6	17.5	4484.0	160.1	116.8	4589.6	184.0	6.6	4.5
1969	7	1	29.0	839.0	28.9	27.1	18.4	3985.0	137.4	120.8	4749.7	405.0	14.0	4.9
1969	8	1	26.0	1084.0	41.7	35.0	19.5	3686.0	141.8	124.5	3400.4	441.0	17.0	5.3
1969	9	1	27.0	935.0	34.6	31.2	20.4	3179.0	117.7	127.6	3400.0	353.0	13.1	5.7
1969	10	1	21.0	611.0	29.1	19.7	21.0	2077.0	98.9	129.7	3399.3	48.0	2.3	5.7
1969	11	1	18.0	1018.0	56.6	33.9	22.0	3461.0	192.3	133.2	3399.8	131.0	7.3	5.9
1969	12	1	9.0	451.0	50.1	14.5	22.5	1533.0	170.3	134.7	3399.1	86.0	9.6	6.0
Subtotal		12	206	7924.0	38.5	1.8		31947.0				2459.0		

* BOPPD: BARRELS PER WELL PER PRODUCING DAY.

* BOPCD: BARRELS PER WELL PER CALENDAR DAY.

WEST PUERTO CHIQUITO POOL, RIO ARriba CO., NM
 BENSON-MONTIN-GREER DRILLING CORP. JICARILLA TOTAL.

				OIL				GAS			GOR	WATER		
		NO	WELL											
		PROD	DAYS											
YR	MO	WELLS	PROD	BOPM	AVE BOPPD	AVE BOPCD	CUM MBO	MCF/M	AVE MCF/D	CUM MMCF	SCF/BBL	Month	AVE BOPD	CUM MBW
1970	1	1	11.0	409.0	37.2	13.2	22.9	1391.0	126.5	136.1	3401.0	154.0	14.0	6.1
1970	2	1	19.0	522.0	27.5	18.6	23.4	1775.0	93.4	137.9	3400.4	83.0	4.4	6.2
1970	3	1	1.0	35.0	35.0	1.1	23.4	119.0	119.0	138.0	3400.0	0.0	0.0	6.2
1970	4	1	1.0	37.0	37.0	1.2	23.5	126.0	126.0	138.1	3405.4	0.0	0.0	6.2
1970	5	1	14.0	908.0	64.9	29.3	24.4	3087.0	220.5	141.2	3399.8	275.0	19.6	6.5
1970	6	1	22.0	1478.0	67.2	49.3	25.9	5025.0	228.4	146.2	3399.9	244.0	11.1	6.7
1970	7	1	15.0	1098.0	73.2	35.4	27.0	3733.0	248.9	150.0	3399.8	114.0	7.6	6.8
1970	8	1	11.0	840.0	76.4	27.1	27.8	2402.0	218.4	152.4	2859.5	57.0	5.2	6.9
1970	9	1	15.0	1037.0	69.1	34.6	28.8	2966.0	197.7	155.3	2860.2	74.0	4.9	7.0
1970	10	1	17.0	1308.0	76.9	42.2	30.1	3740.0	220.0	159.1	2859.3	257.0	15.1	7.2
1970	11	1	7.0	692.0	98.9	23.1	30.8	1979.0	282.7	161.1	2859.8	90.0	12.9	7.3
1970	12	1	13.0	935.0	71.9	30.2	31.8	2674.0	205.7	163.7	2859.9	219.0	16.8	7.5
Subtotal	12	146		9299.0	63.7	2.1		29017.0				1567.0		
1971	1	1	2.0	199.0	99.5	6.4	32.0	569.0	284.5	164.3	2859.3	54.0	27.0	7.6
1971	2	1	3.0	328.0	109.3	11.7	32.3	938.0	312.7	165.2	2859.8	44.0	14.7	7.6
1971	3	1	10.0	1061.0	106.1	34.2	33.4	3034.0	303.4	168.3	2859.6	71.0	7.1	7.7
1971	4	1	20.0	1122.0	56.1	37.4	34.5	3209.0	160.5	171.5	2860.1	373.0	18.7	8.1
1971	5	1	28.0	1210.0	43.2	39.0	35.7	3461.0	123.6	174.9	2860.3	390.0	13.9	8.5
1971	6	1	30.0	1070.0	35.7	35.7	36.8	3060.0	102.0	178.0	2859.8	436.0	14.5	8.9
1971	7	1	12.0	536.0	44.7	17.3	37.3	1533.0	127.8	179.5	2860.1	117.0	9.8	9.0
1971	8	1	1.0	21.0	21.0	0.7	37.3	61.0	61.0	179.6	2904.8	4.0	4.0	9.0
1971	9	1	1.0	18.0	18.0	0.6	37.3	51.0	51.0	179.6	2833.3	5.0	5.0	9.0
1971	10	1	2.0	27.0	13.5	0.9	37.4	77.0	38.5	179.7	2851.9	11.0	5.5	9.0
1971	11	1	2.0	21.0	10.5	0.7	37.4	60.0	30.0	179.8	2857.1	12.0	6.0	9.1
1971	12	1	1.0	12.0	12.0	0.4	37.4	34.0	34.0	179.8	2833.3	8.0	8.0	9.1
Subtotal	12	112		5625.0	50.2	1.3		16087.0				1525.0		
1972	1	1	1.0	8.0	8.0	0.3	37.4	3.0	3.0	179.8	375.0	7.0	7.0	9.1
1972	2	1	2.0	17.0	8.5	0.6	37.4	49.0	24.5	179.9	2882.4	9.0	4.5	9.1
1972	3	1	14.0	821.0	58.6	26.5	38.2	2348.0	167.7	182.2	2859.9	150.0	10.7	9.2
1972	4	1	28.0	2835.0	101.3	94.5	41.1	3487.0	124.5	185.7	1230.0	395.0	14.1	9.6
1972	5	1	30.0	2378.0	79.3	76.7	43.5	2925.0	97.5	188.6	1230.0	324.0	10.8	9.9
1972	6	1	30.0	1924.0	64.1	64.1	45.4	2366.0	78.9	191.0	1229.7	466.0	15.5	10.4
1972	7	1	31.0	1575.0	50.8	50.8	47.0	1937.0	62.5	192.9	1229.8	447.0	14.4	10.9
1972	8	1	29.0	1923.0	66.3	62.0	48.9	2885.0	99.5	195.8	1500.3	390.0	13.4	11.2
1972	9	1	29.0	2288.0	78.9	76.3	51.2	3432.0	118.3	199.2	1500.0	380.0	13.1	11.6
1972	10	1	16.0	1548.0	96.8	49.9	52.7	2322.0	145.1	201.6	1500.0	144.0	9.0	11.8
1972	11	1	1.0	16.0	16.0	0.5	52.7	24.0	24.0	201.6	1500.0	3.0	3.0	11.8
1972	12	1	19.0	1956.0	102.9	63.1	54.7	2934.0	154.4	204.5	1500.0	30.0	1.6	11.8
Subtotal	12	230		17289.0	75.2	3.9		24712.0				2745.0		

* BOPPD: BARRELS PER WELL PER PRODUCING DAY.

* BOPCD: BARRELS PER WELL PER CALENDAR DAY.

WEST PUERTO CHIQUITO POOL, RIO ARRIBA CO., NM
 BENSON-MONTIN-GREER DRILLING CORP. JICARILLA TOTAL.

		OIL						GAS			GOR	WATER		
		NO	WELL											
		PROD	DAYS											
YR	MO	WELLS	PROD	BOPM	AVE BOPPD	AVE BOPCD	CUM MBO	MCF/M	AVE MCF/D	CUM MMCF	SCF/BBL	Month	AVE BWPD	CUM MBW
1973	1	1	29.0	2603.0	89.8	84.0	57.3	3905.0	134.7	208.4	1500.2	152.0	5.2	12.0
1973	2	1	19.0	1425.0	75.0	50.9	58.7	2138.0	112.5	210.6	1500.4	69.0	3.6	12.0
1973	3	1	1.0	55.0	55.0	1.8	58.8	82.0	82.0	210.6	1490.9	0.0	0.0	12.0
1973	4	1	1.0	21.0	21.0	0.7	58.8	32.0	32.0	210.7	1523.8	0.0	0.0	12.0
1973	5	1	20.0	1869.0	93.5	60.3	60.7	2804.0	140.2	213.5	1500.3	171.0	8.6	12.2
1973	6	1	30.0	1998.0	66.6	66.6	62.7	2997.0	99.9	216.5	1500.0	587.0	19.6	12.8
1973	7	1	31.0	1540.0	49.7	49.7	64.2	2310.0	74.5	218.8	1500.0	807.0	26.0	13.6
1973	8	1	26.0	1825.0	70.2	58.9	66.0	3650.0	140.4	222.4	2000.0	381.0	14.7	14.0
1973	9	1	24.0	1842.0	76.8	61.4	67.9	3684.0	153.5	226.1	2000.0	510.0	21.3	14.5
1973	10	1	31.0	2590.0	83.5	83.5	70.5	5180.0	167.1	231.3	2000.0	390.0	12.6	14.9
1973	11	1	26.0	819.0	31.5	27.3	71.3	1638.0	63.0	232.9	2000.0	192.0	7.4	15.1
1973	12	1	17.0	518.0	30.5	16.7	71.8	1036.0	60.9	234.0	2000.0	119.0	7.0	15.2
Subtotal	12	255		17105.0	67.1	3.9		29456.0				3378.0		
1974	1	1	8.0	832.0	104.0	26.8	72.6	1838.0	229.8	235.8	2209.1	33.0	4.1	15.2
1974	2	1	21.0	1806.0	86.0	62.3	74.4	3612.0	172.0	239.4	2000.0	128.0	6.1	15.3
1974	3	1	4.0	317.0	79.3	10.2	74.7	634.0	158.5	240.1	2000.0	272.0	68.0	15.6
1974	4	1	17.0	1420.0	83.5	47.3	76.2	2840.0	167.1	242.9	2000.0	373.0	21.9	16.0
1974	5	1	4.0	350.0	87.5	11.3	76.5	700.0	175.0	243.6	2000.0	56.0	14.0	16.0
1974	6	1	22.0	1755.0	79.8	58.5	78.3	3510.0	159.5	247.1	2000.0	725.0	33.0	16.8
1974	7	1	31.0	1479.0	47.7	47.7	79.7	2958.0	95.4	250.1	2000.0	738.0	23.8	17.5
1974	8	1	29.0	1020.0	35.2	32.9	80.8	2040.0	70.3	252.1	2000.0	854.0	29.4	18.4
1974	9	1	16.0	1301.0	81.3	43.4	82.1	2602.0	162.6	254.7	2000.0	144.0	9.0	18.5
1974	10	1	1.0	38.0	38.0	1.2	82.1	76.0	76.0	254.8	2000.0	12.0	12.0	18.5
1974	11	1	10.0	962.0	96.2	32.1	83.1	1924.0	192.4	256.7	2000.0	116.0	11.6	18.6
1974	12	1	3.0	428.0	142.7	13.8	83.5	856.0	285.3	257.6	2000.0	25.0	8.3	18.7
Subtotal	12	166		11708.0	70.5	2.7		23590.0				3476.0		
1975	1	1	1.0	15.0	15.0	0.5	83.5	30.0	30.0	257.6	2000.0	26.0	26.0	18.7
1975	2	1	1.0	12.0	12.0	0.4	83.5	24.0	24.0	257.6	2000.0	21.0	21.0	18.7
1975	3	1	1.0	7.0	7.0	0.2	83.5	14.0	14.0	257.6	2000.0	5.0	5.0	18.7
1975	4	1	8.0	967.0	120.9	32.2	84.5	1934.0	241.8	259.6	2000.0	91.0	11.4	18.8
1975	5	1	21.0	1852.0	88.2	59.7	86.3	3700.0	176.2	263.3	1997.8	305.0	14.5	19.1
1975	6	1	30.0	2576.0	85.9	85.9	88.9	5152.0	171.7	268.4	2000.0	334.0	11.1	19.4
1975	7	1	23.0	1892.0	82.3	61.0	90.8	3784.0	164.5	272.2	2000.0	146.0	6.3	19.6
1975	8	1	29.0	1893.0	65.3	61.1	92.7	3786.0	130.6	276.0	2000.0	437.0	15.1	20.0
1975	9	1	27.0	1636.0	60.6	54.5	94.3	3272.0	121.2	279.3	2000.0	401.0	14.9	20.4
1975	10	1	31.0	1915.0	61.8	61.8	96.3	3690.0	119.0	283.0	1926.9	458.0	14.8	20.9
1975	11	1	14.0	845.0	60.4	28.2	97.1	1690.0	120.7	284.6	2000.0	251.0	17.9	21.1
1975	12	1	1.0	63.0	63.0	2.0	97.2	126.0	126.0	284.8	2000.0	15.0	15.0	21.1
Subtotal	12	187		13673.0	73.1	3.1		27202.0				2490.0		

* BOPPD: BARRELS PER WELL PER PRODUCING DAY.

* BOPCD: BARRELS PER WELL PER CALENDAR DAY.

WEST PUERTO CHIQUITO POOL, RIO ARRIBA CO., NM
 BENSON-MONTIN-GREER DRILLING CORP. JICARILLA TOTAL.

				OIL				GAS			GOR	WATER		
YR	MO	NO WELLS	WELL PROD DAYS	BOPM	AVE BOPPD	AVE BOPCD	CUM MBO	MCF/M	AVE MCF/D	CUM MMCF	SCF/BBL	Month	AVE BWPD	CUM MBW
1976	1	1	2.0	126.0	63.0	4.1	97.3	252.0	126.0	285.0	2000.0	21.0	10.5	21.2
1976	2	1	3.0	221.0	73.7	7.9	97.5	442.0	147.3	285.5	2000.0	57.0	19.0	21.2
1976	3	1	17.0	1688.0	99.3	54.5	99.2	3376.0	198.6	288.8	2000.0	221.0	13.0	21.4
1976	4	1	2.0	109.0	54.5	3.6	99.3	218.0	109.0	289.1	2000.0	0.0	0.0	21.4
1976	5	1	24.0	2534.0	105.6	81.7	101.8	5068.0	211.2	294.1	2000.0	90.0	3.8	21.5
1976	6	1	30.0	1580.0	52.7	52.7	103.4	3160.0	105.3	297.3	2000.0	758.0	25.3	22.3
1976	7	1	30.0	1881.0	62.7	60.7	105.3	3762.0	125.4	301.0	2000.0	481.0	16.0	22.8
1976	8	1	10.0	656.0	65.6	21.2	106.0	1312.0	131.2	302.4	2000.0	155.0	15.5	22.9
1976	9	1	12.0	669.0	55.8	22.3	106.6	1338.0	111.5	303.7	2000.0	132.0	11.0	23.1
1976	10	1	1.0	25.0	25.0	0.8	106.7	50.0	50.0	303.8	2000.0	0.0	0.0	23.1
1976	11	1	1.0	8.0	8.0	0.3	106.7	16.0	16.0	303.8	2000.0	0.0	0.0	23.1
1976	12	1	1.0	19.0	19.0	0.6	106.7	38.0	38.0	303.8	2000.0	0.0	0.0	23.1
Subtotal	12	133		9516.0	71.5	2.2		19032.0				1915.0		
1977	1	1	5.0	417.0	83.4	13.5	107.1	834.0	166.8	304.6	2000.0	0.0	0.0	23.1
1977	2	1	21.0	1880.0	89.5	67.1	109.0	3760.0	179.0	308.4	2000.0	0.0	0.0	23.1
1977	3	1	22.0	1797.0	81.7	58.0	110.8	3594.0	163.4	312.0	2000.0	572.0	26.0	23.6
1977	4	1	27.0	2309.0	85.5	77.0	113.1	4618.0	171.0	316.6	2000.0	183.0	6.8	23.8
1977	5	1	27.0	1897.0	70.3	61.2	115.0	3794.0	140.5	320.4	2000.0	151.0	5.6	24.0
1977	6	1	22.0	1159.0	52.7	38.6	116.1	2318.0	105.4	322.7	2000.0	260.0	11.8	24.2
1977	7	1	12.0	899.0	74.9	29.0	117.0	1798.0	149.8	324.5	2000.0	319.0	26.6	24.5
1977	8	1	31.0	1781.0	57.5	57.5	118.8	3562.0	114.9	328.1	2000.0	311.0	10.0	24.9
1977	9	1	26.0	1551.0	59.7	51.7	120.4	3102.0	119.3	331.2	2000.0	471.0	18.1	25.3
1977	10	1	31.0	2232.0	72.0	72.0	122.6	2606.0	84.1	333.8	1167.6	421.0	13.6	25.8
1977	11	2	35.0	1734.0	49.5	28.9	124.3	3225.0	92.1	337.0	1859.9	121.0	3.5	25.9
1977	12	4	61.0	2433.0	39.9	19.6	126.8	3965.0	65.0	341.0	1629.7	163.0	2.7	26.0
Subtotal	16	320		20089.0	62.8	3.4		37176.0				2972.0		
1978	1	4	78.0	1745.0	22.4	14.1	128.5	2847.0	36.5	343.8	1631.5	1821.0	23.3	27.9
1978	2	4	37.0	550.0	14.9	4.9	129.1	745.0	20.1	344.6	1354.5	705.0	19.1	28.6
1978	3	4	32.0	321.0	10.0	2.6	129.4	630.0	19.7	345.2	1962.6	75.0	2.3	28.6
1978	4	4	62.0	1331.0	21.5	11.1	130.7	1469.0	23.7	346.7	1103.7	444.0	7.2	29.1
1978	5	4	87.0	1884.0	21.7	15.2	132.6	3421.0	39.3	350.1	1815.8	583.0	6.7	29.7
1978	6	4	79.0	1935.0	24.5	16.1	134.5	2620.0	33.2	352.7	1354.0	678.0	8.6	30.3
1978	7	4	115	3945.0	34.3	31.8	138.5	5665.0	49.3	358.4	1436.0	715.0	6.2	31.1
1978	8	4	60.0	1192.0	19.9	9.6	139.7	1371.0	22.9	359.7	1150.2	156.0	2.6	31.2
1978	9	4	75.0	1898.0	25.3	15.8	141.6	3099.0	41.3	362.8	1632.8	255.0	3.4	31.5
1978	10	4	50.0	1250.0	25.0	10.1	142.8	1379.0	27.6	364.2	1103.2	161.0	3.2	31.6
1978	11	4	38.0	8485.0	223.3	70.7	151.3	1991.0	52.4	366.2	234.6	121.0	3.2	31.7
1978	12	4	31.0	669.0	21.6	5.4	152.0	456.0	14.7	366.7	681.6	45.0	1.5	31.8
Subtotal	48	744		25205.0	33.9	1.4		25693.0				5759.0		

* BOPPD: BARRELS PER WELL PER PRODUCING DAY.

* BOPCD: BARRELS PER WELL PER CALENDAR DAY.

WEST PUERTO CHIQUITO POOL, RIO ARRIBA CO., NM
 BENSON-MONTIN-GREER DRILLING CORP. JICARILLA TOTAL.

		OIL					GAS			GOR	WATER			
		NO	WELL											
		PROD	DAYS											
YR	MO	WELLS	PROD	BOPM	AVE BOPPD	AVE BOPCD	CUM MBO	MCF/M	AVE MCF/D	CUM MMCF	SCF/BBL	Month	AVE BWPD	CUM MBW
1979	1	4	27.0	366.0	13.6	3.0	152.3	425.0	15.7	367.1	1161.2	33.0	1.2	31.8
1979	2	4	56.0	2105.0	37.6	18.1	154.4	2122.0	37.9	369.2	1008.1	155.0	2.8	32.0
1979	3	4	35.0	1034.0	29.5	8.3	155.5	1367.0	39.1	370.6	1322.1	134.0	3.8	32.1
1979	4	4	26.0	524.0	20.2	4.4	156.0	623.0	24.0	371.2	1188.9	16.0	0.6	32.1
1979	5	4	59.0	2834.0	48.0	22.9	158.8	3605.0	61.1	374.8	1272.1	217.0	3.7	32.3
1979	6	4	47.0	1326.0	28.2	11.1	160.2	1625.0	34.6	376.4	1225.5	49.0	1.0	32.4
1979	7	4	62.0	2267.0	36.6	18.3	162.4	2028.0	32.7	378.5	894.6	52.0	0.8	32.4
1979	8	4	62.0	2852.0	46.0	23.0	165.3	3157.0	50.9	381.6	1106.9	165.0	2.7	32.6
1979	9	4	73.0	3288.0	45.0	27.4	168.6	7657.0	104.9	389.3	2328.8	165.0	2.3	32.8
1979	10	3	29.0	1408.0	48.6	15.1	170.0	1123.0	38.7	390.4	797.6	10.0	0.3	32.8
1979	11	3	16.0	701.0	43.8	7.8	170.7	677.0	42.3	391.1	965.8	0.0	0.0	32.8
1979	12	3	31.0	1473.0	47.5	15.8	172.2	628.0	20.3	391.7	426.3	0.0	0.0	32.8
Subtotal		45	523	20178.0	38.6	1.2		25037.0				996.0		
1980	1	3	26.0	801.0	30.8	8.6	173.0	1282.0	49.3	393.0	1600.5	0.0	0.0	32.8
1980	2	3	5.0	207.0	41.4	2.5	173.2	335.0	67.0	393.3	1618.4	0.0	0.0	32.8
1980	3	3	5.0	99.0	19.8	1.1	173.3	147.0	29.4	393.5	1484.8	0.0	0.0	32.8
1980	4	3	21.0	679.0	32.3	7.5	173.9	1189.0	56.6	394.7	1751.1	0.0	0.0	32.8
1980	5	4	33.0	1134.0	34.4	9.1	175.1	1951.0	59.1	396.6	1720.5	0.0	0.0	32.8
1980	6	4	52.0	1703.0	32.8	14.2	176.8	2580.0	49.6	399.2	1515.0	40.0	0.8	32.8
1980	7	4	59.0	1696.0	28.7	13.7	178.5	2321.0	39.3	401.5	1368.5	7.0	0.1	32.8
1980	8	4	41.0	1789.0	43.6	14.4	180.3	2428.0	59.2	403.9	1357.2	134.0	3.3	33.0
1980	9	4	60.0	1471.0	24.5	12.3	181.7	2126.0	35.4	406.1	1445.3	546.0	9.1	33.5
1980	10	4	58.0	1167.0	20.1	9.4	182.9	2415.0	41.6	408.5	2069.4	600.0	10.3	34.1
1980	11	4	68.0	2006.0	29.5	16.7	184.9	3101.0	45.6	411.6	1545.9	519.0	7.6	34.6
1980	12	4	73.0	2109.0	28.9	17.0	187.0	3194.0	43.8	414.8	1514.5	609.0	8.3	35.2
Subtotal		44	501	14861.0	29.7	0.9		23069.0				2455.0		
1981	1	4	76.0	2139.0	28.1	17.3	189.2	3468.0	45.6	418.2	1621.3	442.0	5.8	35.7
1981	2	4	64.0	1800.0	28.1	16.1	191.0	2750.0	43.0	421.0	1527.8	423.0	6.6	36.1
1981	3	3	12.0	347.0	28.9	3.7	191.3	560.0	46.7	421.6	1613.8	98.0	8.2	36.2
1981	4	4	70.0	2114.0	30.2	17.6	193.4	3532.0	50.5	425.1	1670.8	534.0	7.6	36.7
1981	5	4	69.0	1598.0	23.2	12.9	195.0	2705.0	39.2	427.8	1692.7	256.0	3.7	37.0
1981	6	4	30.0	997.0	33.2	8.3	196.0	1577.0	52.6	429.4	1581.7	75.0	2.5	37.1
1981	7	4	54.0	1695.0	31.4	13.7	197.7	2481.0	45.9	431.9	1463.7	554.0	10.3	37.6
1981	8	4	91.0	1999.0	22.0	16.1	199.7	3093.0	34.0	434.9	1547.3	414.0	4.5	38.0
1981	9	4	53.0	1572.0	29.7	13.1	201.3	2299.0	43.4	437.2	1462.5	29.0	0.5	38.1
1981	10	4	69.0	1773.0	25.7	14.3	203.1	2691.0	39.0	439.9	1517.8	96.0	1.4	38.2
1981	11	4	85.0	2192.0	25.8	18.3	205.2	3407.0	40.1	443.3	1554.3	495.0	5.8	38.7
1981	12	4	90.0	2205.0	24.5	17.8	207.4	3513.0	39.0	446.9	1593.2	352.0	3.9	39.0
Subtotal		47	763	20431.0	26.8	1.2		32076.0				3768.0		

* BOPPD: BARRELS PER WELL PER PRODUCING DAY.

* BOPCD: BARRELS PER WELL PER CALENDAR DAY.

WEST PUERTO CHIQUITO POOL, RIO ARRIBA CO., NM
 BENSON-MONTIN-GREER DRILLING CORP. JICARILLA TOTAL.

		OIL						GAS			GOR		WATER		
		NO	WELL												
		PROD	DAYS		AVE	AVE	CUM		AVE	CUM			AVE	CUM	
YR	MO	WELLS	PROD	BOPM	BOPPD	BOPCD	MBO	MCF/M	MCF/D	MMCF	SCF/BBL	Month	BWPD	MBW	
1982	1	4	58.0	1494.0	25.8	12.0	208.9	2190.0	37.8	449.0	1465.9	164.0	2.8	39.2	
1982	2	4	9.0	291.0	32.3	2.6	209.2	435.0	48.3	449.5	1494.8	44.0	4.9	39.2	
1982	3	4	4.0	99.0	24.8	0.8	209.3	181.0	45.3	449.7	1828.3	0.0	0.0	39.2	
1982	4	4	11.0	499.0	45.4	4.2	209.8	647.0	58.8	450.3	1296.6	0.0	0.0	39.2	
1982	5	4	16.0	642.0	40.1	5.2	210.5	814.0	50.9	451.1	1267.9	0.0	0.0	39.2	
1982	6	4	43.0	1946.0	45.3	16.2	212.4	2590.0	60.2	453.7	1330.9	92.0	2.1	39.3	
1982	7	4	64.0	1564.0	24.4	12.6	214.0	2411.0	37.7	456.1	1541.6	0.0	0.0	39.3	
1982	8	4	78.0	2154.0	27.6	17.4	216.1	3554.0	45.6	459.7	1650.0	544.0	7.0	39.9	
1982	9	4	86.0	1814.0	21.1	15.1	218.0	3002.0	34.9	462.7	1654.9	543.0	6.3	40.4	
1982	10	4	86.0	1929.0	22.4	15.6	219.9	3336.0	38.8	466.0	1729.4	464.0	5.4	40.9	
1982	11	4	57.0	1507.0	26.4	12.6	221.4	2271.0	39.8	468.3	1507.0	261.0	4.6	41.1	
1982	12	4	22.0	1052.0	47.8	8.5	222.4	1764.0	80.2	470.0	1676.8	81.0	3.7	41.2	
Subtotal		48	534	14991.0	28.1	0.9		23195.0				2193.0			
1983	1	4	50.0	1399.0	28.0	11.3	223.8	2344.0	46.9	472.4	1675.5	40.0	0.8	41.2	
1983	2	4	37.0	469.0	12.7	4.2	224.3	1050.0	28.4	473.4	2238.8	339.0	9.2	41.6	
1983	3	4	4.0	41.0	10.3	0.3	224.3	68.0	17.0	473.5	1658.5	0.0	0.0	41.6	
1983	4	4	13.0	571.0	43.9	4.8	224.9	1023.0	78.7	474.5	1791.6	49.0	3.8	41.6	
1983	5	4	90.0	2256.0	25.1	18.2	227.2	3851.0	42.8	478.4	1707.0	80.0	0.9	41.7	
1983	6	4	52.0	1497.0	28.8	12.5	228.7	2185.0	42.0	480.6	1459.6	60.0	1.2	41.8	
1983	7	4	59.0	1236.0	20.9	10.0	229.9	2159.0	36.6	482.7	1746.8	335.0	5.7	42.1	
1983	8	4	34.0	1176.0	34.6	9.5	231.1	2115.0	62.2	484.8	1798.5	236.0	6.9	42.3	
1983	9	4	62.0	1616.0	26.1	13.5	232.7	2451.0	39.5	487.3	1516.7	10.0	0.2	42.4	
1983	10	4	64.0	1743.0	27.2	14.1	234.4	2485.0	38.8	489.8	1425.7	0.0	0.0	42.4	
1983	11	4	47.0	926.0	19.7	7.7	235.4	1339.0	28.5	491.1	1446.0	0.0	0.0	42.4	
1983	12	4	19.0	539.0	28.4	4.3	235.9	738.0	38.8	491.9	1369.2	0.0	0.0	42.4	
Subtotal		48	531	13469.0	25.4	0.8		21808.0				1149.0			
1984	1	4	38.0	1424.0	37.5	11.5	237.3	2040.0	53.7	493.9	1432.6	99.0	2.6	42.5	
1984	2	4	10.0	322.0	32.2	2.8	237.7	392.0	39.2	494.3	1217.4	0.0	0.0	42.5	
1984	3	4	18.0	589.0	32.7	4.8	238.2	1070.0	59.4	495.4	1816.6	134.0	7.4	42.6	
1984	4	4	26.0	563.0	21.7	4.7	238.8	850.0	32.7	496.2	1509.8	197.0	7.6	42.8	
1984	5	4	69.0	1849.0	26.8	14.9	240.7	2553.0	37.0	498.8	1380.7	619.0	9.0	43.4	
1984	6	4	68.0	1371.0	20.2	11.4	242.0	2013.0	29.6	500.8	1468.3	475.0	7.0	43.9	
1984	7	4	79.0	1415.0	17.9	11.4	243.4	2312.0	29.3	503.1	1633.9	397.0	5.0	44.3	
1984	8	4	51.0	580.0	11.4	4.7	244.0	1268.0	24.9	504.4	2186.2	329.0	6.5	44.6	
1984	9	4	35.0	410.0	11.7	3.4	244.4	591.0	16.9	504.9	1441.5	24.0	0.7	44.6	
1984	10	4	5.0	35.0	7.0	0.3	244.5	85.0	17.0	505.0	2428.6	89.0	17.8	44.7	
1984	11	4	23.0	51.0	2.2	0.4	244.5	126.0	5.5	505.2	2470.6	0.0	0.0	44.7	
1984	12	4	36.0	604.0	16.8	4.9	245.1	840.0	23.3	506.0	1390.7	20.0	0.6	44.7	
Subtotal		48	458	9213.0	20.1	0.5		14140.0				2383.0			

* BOPPD: BARRELS PER WELL PER PRODUCING DAY.

* BOPCD: BARRELS PER WELL PER CALENDAR DAY.

WEST PUERTO CHIQUITO POOL, RIO ARRIBA CO., NM
 BENSON-MONTIN-GREER DRILLING CORP. JICARILLA TOTAL.

		OIL						GAS			GDR	WATER		
		NO	WELL											
YR	MO	PROD	DAYS	BOPM	AVE	AVE	CUM		AVE	CUM			AVE	CUM
		WELLS	PROD		BOPPD	BOPCD	MBD	MCF/M	MCF/D	MMCF	SCF/BBL	Month	BWPD	MBW
1985	1	4	9.0	153.0	17.0	1.2	245.3	199.0	22.1	506.2	1300.7	0.0	0.0	44.7
1985	2	4	5.0	27.0	5.4	0.2	245.3	32.0	6.4	506.2	1185.2	0.0	0.0	44.7
1985	3	4	4.0	8.0	2.0	0.1	245.3	12.0	3.0	506.2	1500.0	0.0	0.0	44.7
1985	4	4	11.0	35.0	3.2	0.3	245.3	35.0	3.2	506.3	1000.0	32.0	2.9	44.8
1985	5	4	42.0	1069.0	25.5	8.6	246.4	1675.0	39.9	508.0	1566.9	70.0	1.7	44.8
1985	6	4	104	1891.0	18.2	15.8	248.3	2932.0	28.2	510.9	1550.5	395.0	3.8	45.2
1985	7	4	59.0	1170.0	19.8	9.4	249.5	1527.0	25.9	512.4	1305.1	36.0	0.6	45.3
1985	8	4	52.0	1045.0	20.1	8.4	250.5	1416.0	27.2	513.8	1355.0	3.0	0.1	45.3
1985	9	4	24.0	287.0	12.0	2.4	250.8	425.0	17.7	514.3	1480.8	0.0	0.0	45.3
1985	10	4	88.0	2225.0	25.3	17.9	253.0	3163.0	35.9	517.4	1421.6	460.0	5.2	45.7
1985	11	4	18.0	466.0	25.9	3.9	253.5	932.0	51.8	518.3	2000.0	5.0	0.3	45.7
1985	12	4	25.0	787.0	31.5	6.3	254.3	1570.0	62.8	519.9	1994.9	10.0	0.4	45.7
Subtotal		48	441	9163.0	20.8	0.5		13918.0				1011.0		
1986	1	4	29.0	936.0	32.3	7.5	255.2	133.0	4.6	520.0	142.1	0.0	0.0	45.7
1986	2	4	21.0	544.0	25.9	4.9	255.8	657.0	31.3	520.7	1207.7	0.0	0.0	45.7
1986	3	4	33.0	661.0	20.0	5.3	256.4	820.0	24.8	521.5	1240.5	0.0	0.0	45.7
1986	4	4	31.0	333.0	10.7	2.8	256.8	491.0	15.8	522.0	1474.5	0.0	0.0	45.7
1986	5	4	51.0	839.0	16.5	6.8	257.6	1136.0	22.3	523.2	1354.0	0.0	0.0	45.7
1986	6	4	43.0	963.0	22.4	8.0	258.6	1265.0	29.4	524.4	1313.6	56.0	1.3	45.8
1986	7	4	63.0	1358.0	21.6	11.0	259.9	2119.0	33.6	526.5	1560.4	617.0	9.8	46.4
1986	8	4	71.0	976.0	13.7	7.9	260.9	1579.0	22.2	528.1	1617.8	5.0	0.1	46.4
1986	9	4	23.0	566.0	24.6	4.7	261.5	995.0	43.3	529.1	1758.0	230.0	10.0	46.7
1986	10	4	39.0	788.0	20.2	6.4	262.2	1702.0	43.6	530.8	2159.9	175.0	4.5	46.8
1986	11	4	47.0	687.0	14.6	5.7	262.9	1107.0	23.6	531.9	1611.4	73.0	1.6	46.9
1986	12	4	10.0	251.0	25.1	2.0	263.2	421.0	42.1	532.3	1677.3	67.0	6.7	47.0
Subtotal		48	461	8902.0	19.3	0.5		12425.0				1223.0		

* BOPPD: BARRELS PER WELL PER PRODUCING DAY.

* BOPCD: BARRELS PER WELL PER CALENDAR DAY.