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November 23, 1987

David Catanach  
Hearing Examiner  
Oil Conservation Division  
P. O. Box 2088  
Santa Fe, New Mexico 87504

HAND-DELIVERED

Re: Case No. 9260

Dear David:

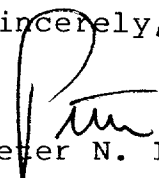
Pursuant to your request at the unopposed hearing of the above-referenced case on November 18, 1987, enclosed please find the following:

1. Summary of the casing designs used on the wells in the area of review around the Phillips Lea Lease, Vacuum Field; and
2. Decline curve for the Phillips Lea Lease which includes cumulative production and the current best estimates of primary and secondary reserves.

If you require any additional information, please contact me as soon as possible. As you know, Standard Oil Production Company is seeking an expedited order in this case because the monies for the project are currently available.

I look forward to hearing from you.

Sincerely,

  
Peter N. Ives

PNI/ko

Enclosure

cc: James Sikes  
Stephen E. Gurley

WELLS IN AREA OF REVIEW

Casing Summary

<u>Operator</u>	<u>Well Name</u>	<u>Casing Size &amp; Depth</u>	<u>Cement SXS</u>	<u>TOC</u>
Phillips	32 Lea	8-5/8" @ 357'	400	Surf. (Calc.)
		4-1/2" @ 4800'	1700	Surf. (Calc.)
	20 Lea State	N/A	N/A	
	18 Lea	8-5/8" @ 910'	400	Surf. (Calc.)
		5-1/2" @ 4331'	200	2900' (Calc.)
23 Lea	13-3/8" @ 383'	425	1800' (Calc.)	
	8-5/8 @ 5378	900	2750' (Calc.)	
ARCO	5 State F-TG	8-5/8" @ 1520'	500	Surf. (Calc.)
		5-1/2" @ 4565'	400	1800' (Calc.)
	2 State F-TG	8-5/8" @ 1496'	450	Surf. (Calc.)
		5-1/2" @ 4620	600	500' (Calc.)
Baxter	1 Mobil-State	13-3/8" @ 276'	310	Surf. (Calc.)
		4-1/2" @ 4100'	150	3300' (Calc.)
Malco	1 Phillips-State	8-5/8" @ 1705'	100	1000 (Calc.)
Kincaid-Watson	2 Hale State	8-5/8" @ 323'	200	Surf. (Calc.)
		5-1/2" @ 4590'	150	3550' (Calc.)
	1 Hale	8-5/8" @ 1581'	100	1000' (Calc.)
		7" @ 4591'	125	2475' (Calc.)
Standard Oil Production Co.	1 Phillips Lea	13-5/8" @ 196'	200	Surf. (Calc.)
		8-5/8" @ 1525'	80	1000' (Calc.)
		5-1/2" @ 4590'	100	3900' (Calc.)*
	2 Phillips-Lea	8-5/8" @ 1590'	500	Surf. (Circ.)
		7" @ 4620'	75	3350' (Calc.)
	3 Phillips-Lea	8-5/8" @ 1570'	200	Surf. (Circ.)
		4-1/2" @ 4751'	75	4000' (Calc.)
	4 Phillips-Lea	8-5/8" @ 319'	130	Surf. (Circ.)
		4-1/2" @ 4920'	300	3350' (Calc.)
	5 Phillips-Lea	8-5/8" @ 414'	275	Surf. (Circ.)
4-1/2 @ 4850'		300	3265' (Calc.)	

\*1 Phillips Lea-Cement squeezed 8-5/8 x 5-1/2" annular from 1600' to Surface (3/3/80)

# WELLS IN AREA OF REVIEW

## Casing Summary

<u>Operator</u>	<u>Well Name</u>	<u>Casing Size &amp; Depth</u>	<u>Cement SXS</u>	<u>TOC</u>
Standard Oil Production Co.	6 Phillips-Lea	8-5/8" @ 414'	300	Surf. (Circ.)
		5-1/2" @ 4870'	225'	3300' (Calc.)
	7 Phillips-Lea	8-5/8" @ 375'	300	Surf. (Circ.)
		4-1/2" @ 4847'	300	3250' (Calc.)
Phillips	8 Phillips-Lea	8-5/8" @ 365'	325	Surf. (Circ.)
		4-1/2" @ 4949'	300	3369' (Calc.)
	3 Lea-State	8-5/8" @ 1519'	200	300' (Calc.)
		5-1/2" @ 4495'	800	Surf. (Calc.)
ARCO	1 Dole-Hale State	8-5/8" @ 925'	600	Surf. (Calc.)
		5-1/2" @ 4350'	200	2900' (Calc.)
	2 Hale State (State Vacuum Unit #2)	8-5/8" @ 1540'	200	400' (Calc.)
		5-1/2" @ 4652'	100	3900' (Calc.)
	1 Hale State (State Vacuum Unit #6)	8-5/8" @ 1603'	500	Surf. (Calc.)
		7" @ 600'	600	Surf. (Calc.)
	1 State (State Vacuum Unit #11)	8-5/8" @ 1563'	1000	Surf. (Calc.)
		5-1/2" @ 4353'	500	900' (Calc.)
	2 State AO (State Vacuum Unit #16)	8-5/8" @ 1580'	650	Surf. (Calc.)
		5-1/2" @ 4456'	500	1000' (Calc.)
	1 State B-TG (State Vacuum Unit #3)	8-5/8" @ 1520'	720	Surf. (Calc.)
		5-1/2" @ 4350'	250	2600' (Calc.)
	3 State B-TG (State Vacuum Unit #7)	8-5/8" @ 1521'	650	Surf. (Calc.)
		5-1/2" @ 4550'	600	400' (Calc.)
	24 Vacuum Unit	8-5/8" @ 1564'	900	Surf. (Calc.)
		5-1/2" @ 4900'	1420	Surf. (Calc.)
	8 State C-TG State Vacuum Unit #17)	8-5/8" @ 1571'	600	Surf. (Calc.)
		5-1/2" @ 4535'	300	2450' (Calc.)
	6 State C-TG (State Vacuum Unit #12)	8-5/8" @ 1555'	675	Surf. (Calc.)
		5-1/2" @ 4530'	600	400' (Calc.)

# PLUGGED WELLS IN AREA OF REVIEW (PROPOSED PLUGGING MAY NOT BE COMPLETED)

OPERATOR : BAXTER

WELL : 1 MOBIL STATE

LOCATION : 330' FSL & 330' FEL , SEC 36 , T -17 - S , R - 34 - E

COUNTY : LEA COUNTY , NEW MEXICO

TD : 9250' PBTD : 4070'

## CASING DATA :

CSG	DEPTH	#Sx	TOC
13 3/8"	276'	310	SURF
8 5/8"	3100'	250 Sx	

## PERFORATIONS :

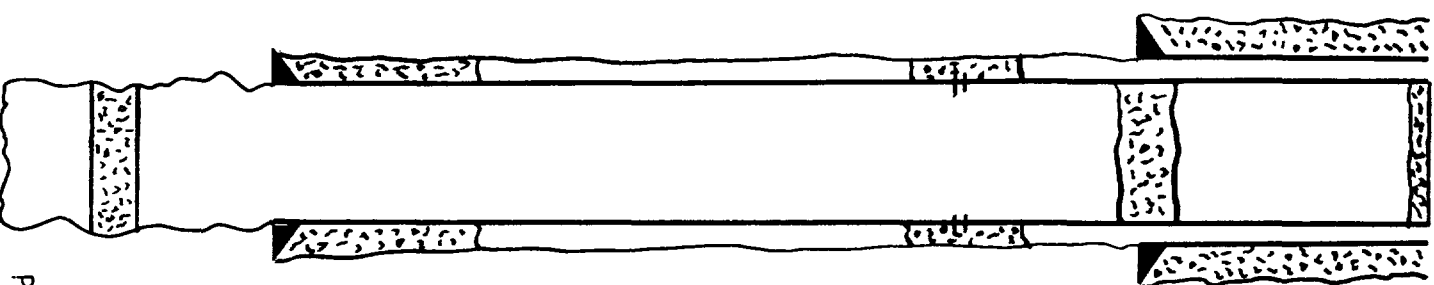
## FORMATION :

OPEN HOLE

SAN ANDRES

## CEMENT PLUGS :

- 1 PLUG @ 3900' W / 35 Sx CEMENT ON TOP
- 2 PERFORATE @ 1550' , CIRCULATE & SQZ 50 Sx
3. CEMENT PLUG SPOTED 50' ABOVE & BELOW SURFACE SHOE
- 4 10 SxS @ SURFACE W/ METAL PLATE



PBTD 4070'

# SOPC PHILLIPS LEA VACUUM SAN ANDRES

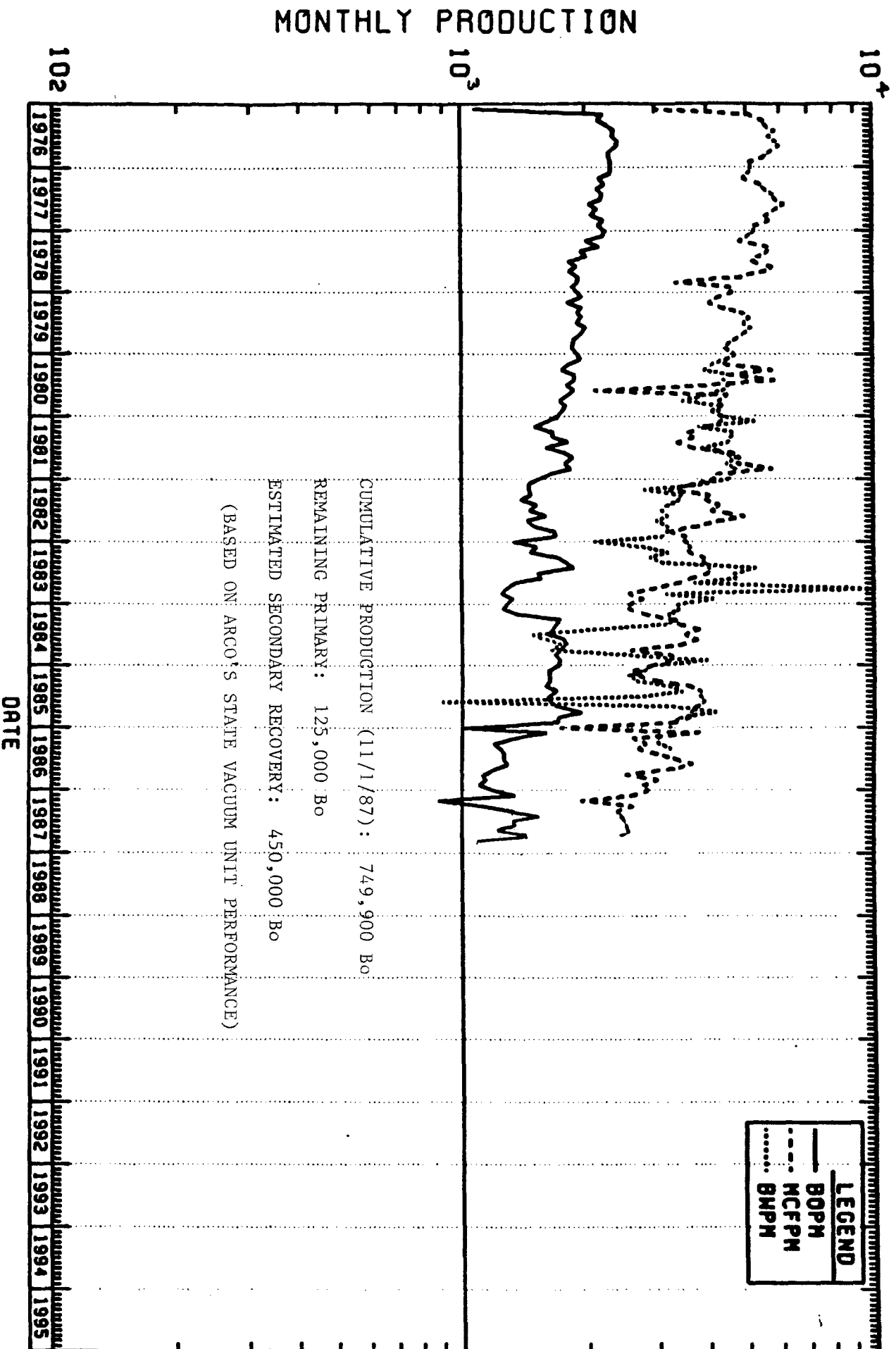


Figure 4 -- SOPC Phillips Lea lease historical production