

701-1-1
SOHIO

SOHIO PETROLEUM COMPANY

PRODUCTION AND EXPLORATION DIVISION

November 18, 1966

MIDLAND DISTRICT

BOX 267
MIDLAND, TEXAS 79701

Mr. Arthur Barbeck
Chief Engineer
Railroad Commission of Texas
Tribune Building
Austin, Texas

Mr. A. L. Porter, Jr.
Secretary-Director
Oil Conservation Commission
P. O. Box 2088
Santa Fe, New Mexico

Railroad Commission of Texas
District 8
P. O. Box 1110
Midland, Texas

Oil Conservation Commission
P. O. Box 1980
Hobbs, New Mexico

United States Department of the
Interior
Geological Survey
Drawer 1857
Roswell, New Mexico

Commissioner of Public Lands
P. O. Box 1148
Santa Fe, New Mexico
Attn: Mrs. Marion Rhea

Re: Littman San Andres Unit
Andrews County, Texas
Lea County, New Mexico

Gentlemen:

This letter is to advise you of change of status of wells in the expansion from the five-spot in the above unit.

Water injection into Well 6-3 was commenced November 15, 1966, making a current total of five injection wells in the unit. All injection wells thus far are in Texas.

Wells No. 6-6 in Texas and No. 2-2, 3-3 and 4-2 in New Mexico are currently being prepared for injection. As requested in previous letters, the allowables have been cancelled on these wells.

You will be notified when injection is commenced in the four wells.

OCC Order No. R-2715 entered in Case No. 3050 and RRC Order No. 8-53, 821 approved this unit in New Mexico and Texas.

Yours very truly,

SOHIO PETROLEUM COMPANY

A. K. Hood
District Superintendent
Midland District

DWR:ee

OIL CONSERVATION COMMISSION

P. O. BOX 871

SANTA FE, NEW MEXICO

June 3, 1964

C
Mr. Paul Cooter
Atwood & Malone
Post Office Box 700
Roswell, New Mexico

O
Dear Sir:

Enclosed herewith is Commission Order No. R-2715, entered in Case No. 3050, approving the Littman-San Andres Unit Water-flood Project in New Mexico.

P
Injection in this state is to be in open hole through four wells equipped with tubing and with packers set immediately above the casing shoes.

Y
According to our calculations, when all of the authorized injection wells have been placed on active injection, the maximum allowable which this project will be eligible to receive under the provisions of Rule 701-E-3 is 336 barrels per day.

Please report any error in this calculated maximum allowable immediately, both to the Santa Fe Office of the Commission and the appropriate district proration office.

In order that the allowable assigned to the project may be kept current, and in order that the operator may fully benefit from the allowable provisions of Rule 701, it behooves him to promptly notify both of the aforementioned Commission offices by letter

OIL CONSERVATION COMMISSION

P. O. BOX 871

SANTA FE, NEW MEXICO

-2-

Mr. Cooter

C of any change in the status of wells in the project area, i.e., when active injection commences, when additional injection or producing wells are drilled, when additional wells are acquired through purchase or unitization, when wells have received a response to water injection, etc.

O Your cooperation in keeping the Commission so informed as to the status of the project and the wells therein will be appreciated.

Very truly yours,

P A. L. PORTER, Jr.
Secretary-Director

Y ALP/ir

Enclosures

cc: Oil Conservation Commission
Hobbs, New Mexico

BEFORE EXAMINER UTZ
OIL CONSERVATION COMMISSION

EXHIBIT NO. 11

PRODUCTION HISTORY - SAN ANDRES FORMATION

CASE NO. 3049 + 3050

LITTMAN (SAN ANDRES) UNIT

MONTHLY OIL PRODUCTION - BBLS

	<u>New Mexico</u> <u>Subdivision</u>	<u>Texas</u> <u>Subdivision</u>	<u>Unit</u> <u>Total</u>
<u>1951</u>			
June	-	580	580
July	-	272	272
August	-	670	670
September	-	114	114
October	-	333	333
November	-	104	104
December	-	2,672	2,672
Total	-	4,745	4,745
Cum	-	4,745	4,745
<u>1952</u>			
January	-	2,278	2,278
February	-	3,633	3,633
March	-	4,673	4,673
April	-	4,407	4,407
May	-	3,267	3,267
June	-	2,323	2,323
July	-	8,044	8,044
August	-	12,922	12,922
September	-	12,485	12,485
October	-	12,772	12,772
November	-	12,365	12,365
December	-	13,066	13,066
Total	-	92,235	92,235
Cum	-	96,980	96,980
<u>1953</u>			
January	-	12,341	12,341
February	-	12,795	12,795
March	-	14,347	14,347
April	408	12,459	12,867
May	1,069	12,542	13,611
June	1,197	12,196	13,393
July	1,137	12,729	13,866
August	1,021	12,208	13,229
September	1,471	12,288	13,759
October	2,399	12,428	14,827
November	1,651	10,880	12,531
December	1,566	10,267	11,833
Total	11,919	147,460	159,399
Cum	11,919	244,460	256,379

Production History - San Andres Formation
 Littman (San Andres) Unit
Monthly Oil Production - Bbls

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	<u>New Mexico</u> <u>Subdivision</u>	<u>Texas</u> <u>Subdivision</u>	<u>Unit</u> <u>Total</u>
<u>1954</u>			
January	1,817	10,652	12,469
February	1,557	9,177	10,734
March	1,535	9,403	10,938
April	1,385	8,747	10,132
May	1,356	10,495	11,851
June	2,117	9,613	11,730
July	2,931	9,750	12,681
August	2,509	9,994	12,503
September	2,605	10,885	13,490
October	2,793	11,799	14,592
November	2,431	11,714	14,145
December	2,392	10,289	12,681
Total	<u>25,428</u>	<u>122,518</u>	<u>147,946</u>
Cum	37,347	366,978	404,325
<u>1955</u>			
January	2,367	10,203	12,570
February	2,870	8,476	11,346
March	4,272	8,712	12,984
April	5,413	7,455	12,868
May	5,947	8,365	14,312
June	6,879	7,867	14,746
July	6,138	7,976	14,114
August	6,107	7,664	13,771
September	4,921	7,063	11,984
October	4,904	6,980	11,884
November	4,429	6,487	10,916
December	4,549	6,682	11,231
Total	<u>58,796</u>	<u>93,930</u>	<u>152,726</u>
Cum	96,143	460,908	557,051
<u>1956</u>			
January	3,910	7,755	11,665
February	5,322	6,642	11,964
March	4,518	9,205	13,723
April	4,158	8,125	12,283
May	4,115	7,826	11,941
June	3,945	7,289	11,234
July	3,610	7,274	10,884
August	3,360	6,992	10,352
September	2,971	6,995	9,966
October	3,379	6,897	10,276
November	3,104	6,380	9,484
December	3,099	6,159	9,258
Total	<u>45,491</u>	<u>87,539</u>	<u>133,030</u>
Cum	141,634	548,447	690,081

Production History - San Andres Formation
 Littman (San Andres) Unit
Monthly Oil Production - Bbls

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	<u>New Mexico</u> <u>Subdivision</u>	<u>Texas</u> <u>Subdivision</u>	<u>Unit</u> <u>Total</u>
<u>1957</u>			
January	3,283	5,481	8,764
February	2,991	5,811	8,802
March	2,984	6,046	9,030
April	2,761	6,787	9,548
May	2,885	6,859	9,744
June	2,891	6,185	9,076
July	2,618	6,058	8,676
August	2,653	5,855	8,508
September	2,291	5,468	7,759
October	2,324	5,513	7,837
November	2,330	5,692	8,022
December	2,425	5,465	7,890
Total	<u>32,436</u>	<u>71,220</u>	<u>103,656</u>
Cum	174,070	619,667	793,737
<u>1958</u>			
January	2,558	5,504	8,062
February	2,200	4,860	7,060
March	2,299	5,254	7,553
April	2,252	5,045	7,297
May	2,271	5,222	7,493
June	2,107	4,776	6,883
July	2,375	5,138	7,513
August	2,216	4,839	7,105
September	1,892	4,357	6,249
October	2,116	4,426	6,542
November	1,864	4,074	5,938
December	1,884	4,226	6,110
Total	<u>26,034</u>	<u>57,771</u>	<u>83,805</u>
Cum	200,104	677,438	877,542
<u>1959</u>			
January	1,731	4,645	6,376
February	2,079	3,817	5,896
March	1,983	4,145	6,128
April	1,877	3,989	5,866
May	2,000	4,097	6,097
June	1,893	3,929	5,822
July	1,798	3,708	5,506
August	1,912	4,003	5,915
September	1,498	3,443	4,941
October	2,189	4,035	6,224
November	2,075	3,773	5,848
December	2,236	3,495	5,731
Total	<u>23,271</u>	<u>47,079</u>	<u>70,350</u>
Cum	223,375	724,517	947,892

Production History - San Andres Formation
Littman (San Andres) Unit
Monthly Oil Production - Bbls

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	<u>New Mexico</u> <u>Subdivision</u>	<u>Texas</u> <u>Subdivision</u>	<u>Unit</u> <u>Total</u>
<u>1960</u>			
January	2,038	3,681	5,719
February	1,830	3,194	5,024
March	2,255	3,452	5,707
April	2,131	3,414	5,545
May	2,177	4,813	6,990
June	1,949	4,006	5,955
July	2,129	3,936	6,065
August	2,062	4,107	6,169
September	1,912	3,415	5,327
October	2,143	3,440	5,583
November	1,903	3,612	5,515
December	1,943	3,353	5,296
Total	<u>24,472</u>	<u>44,423</u>	<u>68,895</u>
Cum	247,847	768,940	1,016,787

<u>1961</u>			
January	1,856	3,007	4,863
February	1,897	4,026	5,923
March	1,571	4,294	5,865
April	1,804	4,052	5,856
May	1,732	4,063	5,795
June	1,732	4,284	6,016
July	1,648	4,225	5,873
August	1,722	4,360	6,082
September	1,562	4,155	5,717
October	1,763	4,546	6,309
November	1,459	3,628	5,087
December	1,579	4,105	5,684
Total	<u>20,325</u>	<u>48,715</u>	<u>69,040</u>
Cum	268,172	817,655	1,085,827

<u>1962</u>			
January	1,541	4,263	5,804
February	1,443	3,759	5,202
March	1,554	3,709	5,263
April	1,620	3,454	5,074
May	1,124	3,427	4,551
June	1,349	3,072	4,421
July	1,977	2,977	4,954
August	1,678	3,453	5,131
September	1,701	3,009	4,710
October	1,492	3,192	4,684
November	1,601	2,853	4,454
December	1,262	2,965	4,227
Total	<u>18,342</u>	<u>40,133</u>	<u>58,475</u>
Cum	286,514	857,788	1,144,302

Production History - San Andres Formation
 Littman (San Andres) Unit
Monthly Oil Production - Bbls

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	<u>New Mexico</u> <u>Subdivision</u>	<u>Texas</u> <u>Subdivision</u>	<u>Total</u>
<u>1963</u>			
January	1,540	2,777	4,317
February	1,390	2,979	4,369
March	1,689	2,979	4,668
April	1,360	2,863	4,223
May	1,221	2,690	3,911
June	1,303	2,648	3,951
July	1,361	2,516	3,877
August	1,448	2,482	3,930
September	1,441	2,391	3,832
October	1,683	2,476	4,159
November	1,405	2,662	4,067
December	1,418	2,590	4,008
Total	<u>17,259</u>	<u>32,053</u>	<u>49,312</u>
Cum	303,773	889,841	1,193,614

<u>1964</u>			
January	1,431	2,441	3,872
February	1,385	2,811	4,196

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ddm/bn
 5/15/64