

SUPPLEMENTAL REPORT

BRUNSON POOL

JUNE 30, 1949

September 19, 1949

TO ALL BRUNSON POOL OPERATORS

Re: Supplemental Report on  
The Brunson Pool

Gentlemen:

The attached information has been collected and prepared by the Sub-Committee to supplement the reports on the Brunson Pool, Lea County, New Mexico. The initial report was submitted August 18, 1948 and a supplement on April 1, 1949. The present production and bottom hole pressure information is presented in the following tabulations, graphs and maps:

1. Tabulation of pressure-production data.
2. Graph showing the relation between cumulative oil recovery per pound pressure drop and the total bottom hole pressure drop.
3. Graph showing the relation between daily oil production rate and the average bottom hole pressure of all wells.
4. Graph showing the relation between daily oil production rate and the average of the bottom hole pressures taken in comparable wells (Wells used in one survey that were also used in the previous survey.)
5. Graph showing wells, monthly oil production, cumulative production, and bottom hole pressure plotted against time.
6. Tabulation of bottom hole pressures of individual wells by surveys.
7. Bottom hole pressure map - sixth general survey on June 1, 1949.
8. Water Map - June 1949.

Respectfully submitted,

J. C. Blackwood  
Chairman, Sub-Committee  
Brunson Pool Operators Committee

# BRUNSON POOL

## PRESSURE-PRODUCTION DATA

Press. Survey	Press. -4300	Wells Bombed	No. Wells in Pool	Prod. Bbls. Period	Prod. Bbls. Cumulative	Press. Drop Period	Press. Drop Cumulative	Bbls/Lb. Period	Drop Cumulative
Sept. 14, 1945	2945	1	1	0	0	0	0	0	0
Dec. 1, 1946	2860	14	15	304,864	304,864	85	85	3,587	3,587
June 1, 1947	2705	25	33	433,641	738,505	155	240	2,798	3,077
Dec. 1, 1947	2551	40	45	812,426	1,550,931	154	394	5,275	3,936
June 1, 1948	2479	51	57	1,169,745	2,720,676	72	466	16,246	5,838
Dec. 1, 1948	2288	56	65	1,398,655	4,119,331	191	657	7,323	6,270
June 1, 1949	2021	64	74	1,520,922	5,640,253	267	924	5,696	6,104



BRUNSON PRESSURES - CONT'D.							1948	1948	1949
COMPANY	WELL		1946	1947		1948	1948	1948	1949
LEASE	UNIT	S.T.R.	NOV.	MAY	NOV-DEC.	MAY	NOV,	MAY	
						JUNE	DEC.	JUNE	
MAGNOLIA PET. CO. - CONT'D.									
Carson, E.O.	13	G	33-21-37		2749	2635	2455	2267	
"	14	C	"			2906	2731	2573	
"	16	D	"				2735	2585	
"	17	N	"				2803	2607	
"	18	M	28-21-37				2803	2630	
"	19	L	"					2615	
Carson, J.N.	2	H	33-21-37			2592	2351	2180	
Corrigan	1	O	"	2860	2640	2520	2352	2107	
"	4	J	"	2898	2691	2557	2354	2160	
"	7	P	"		2667	2524	2258	2037	
PENROSE, N. G.									
Elliott B-9	4	C	9-22-37	2648	2185	2071	2049	2131	1685
Penrose	1	F	"	2699	2630	2424	2249	2014	1984
"	3	E	"		2771	2540			Pump
Walden	4	E	15-22-37			2424	2086		
ROWAN OIL CO.									
Elliott B-9	3	D	9-22-37	2853	2658	2337	Pump		
Walden	3	C	15-22-37	2779	2616	2410	2087	1649	
"	6	D	"		1532	2456	2092	1788	
Elliott A-15	1	J	"			2335	1797	1284	
SHELL OIL CO.									
Rinewalt	3	F	4-22-37		2831	2640	2482	2378	2194
"	4	C	"		2834	2655	2486	2380	2187
SINCLAIR OIL & GAS CO.									
Brunson	4	O	4-22-37	2915	2811	2655	2573	2369	2195
"	5	J	"	2940	2810	2643	2588	2346	2165
"	8	L	"				2426	2305	
SKELLY OIL CO.									
Baker B	6	M	10-22-37		1394				
Stitcher	1	K	4-22-37			2676	2547	2345	2217
"	4	L	"			2691	2545	2336	2217
SOUTHERN PET. EXPL. CO.									
Rinewalt B	1	D	4-22-37			2656	2562	2361	2211
STANOLIND OIL & GAS CO.									
Corrigan	2	I	33-21-37		2883	2690	2494		1948
TIDEWATER ASSOC. OIL CO.									
Brunson	1	P	4-22-37	2941	2762	2723	2560	2443	2254
Clifton	2	M	"	2920	2818	2681	2540	2346	Pump
TOTAL PRESSURES			40045	73026	102049	126424	128132	129330	
NO. WELLS RUN			14	27	40	51	56	64	
AVERAGE PRESSURE			2860	2705	2551	2479	2288	2021	
AVERAGE PRESSURE (COMPARABLE WELLS)				2724	2565	2451	2212	2010	

October 9, 1950

Mr. T. H. Hammett  
Sinclair Oil & Gas Company  
Sinclair Building  
Tulsa, Oklahoma

Dear Mr. Hammett:

In reply to your letter of October 2, we enclose herewith, copy of the latest order issued in connection with the Brunson Pool, Lea County, New Mexico.

Very truly yours,

STATE OF NEW MEXICO  
OIL CONSERVATION COMMISSION

R. R. Spurrier  
Secretary-Director

RRS:bw  
encl.

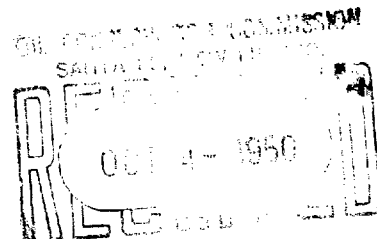
# SINCLAIR OIL & GAS COMPANY

SINCLAIR BUILDING

**TULSA, OKLAHOMA**

October 2, 1950

T. H. HAMMETT  
VICE-PRESIDENT



Mr. R. R. Spurrier,  
Secretary, State of New Mexico,  
Oil Conservation Commission,  
Santa Fe, New Mexico.

In re: Brunson Pool - Lea County, New Mexico

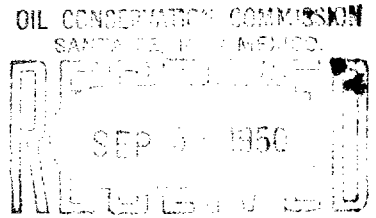
Dear Sir:

Has any final decision been made with respect to  
the hearing held August 24, 1950 in Case No. 202, Brunson Pool,  
for fixing of allowables?

Yours very truly,

T. H. Hammett

THH/as



**REESE AND McCORMICK**

ATTORNEYS AT LAW

BUJAC BUILDING

CARLSBAD, NEW MEXICO

GEORGE L. REESE, JR.  
DON G. McCORMICK  
S. M. RUTHERFORD, III

September 1, 1950

Mr. R. R. Spurrier  
State Oil Conservation Commission  
Santa Fe, New Mexico

Dear Dick:

Enclosed are orders which I have drafted and which I recommend you adopt in cases No. 202 and 233. The proper order number should be inserted on each order.

I presume you have received the Minutes of the meeting of the Lea County Operators held on 29 August, 1950. As you will see from an examination of these minutes, Mr. Porter has presented the data showing what the results would be if the Hobbs and Monument proration orders were rescinded and those pools placed on the same basis as the rest of the state.

This demonstrates that there is now no real need for separate proration plans in these pools and I think that the proration plans should be done away with. We seemed to have the same idea when we discussed the matter in Santa Fe a few days ago, although neither of us had the benefit of this data.

Therefore, I recommend that you call a hearing for 24 October, 1950 to consider the rescission of Order No. 33, relating to the Monument Pool and Order No. 398, relating to the Hobbs Pool.

I would suggest that notice of this hearing be given as soon as possible so that the operators will have adequate time to consider the matter before the October hearing. If we give too short a period of time, I know someone will ask for a continuance.

Very truly yours,

A handwritten signature in cursive script, reading "Don G. McCormick".

Don G. McCormick

Enclosures.

DGM:mjt



OIL CONSERVATION COMMISSION  
SANTA FE, NEW MEXICO

September 19, 1950

MEMORANDUM TO:

Hobbs                      Aztec  
Artesia

We are enclosing one copy of the transcript of Hearing held  
August 24, 1950 re Cases 202 (readvertisement), Case 233, and Case  
234.

Secretary and Director

C  
O  
P  
Y

F L CONSERVATION COMMISSION  
SANTA FE, NEW MEXICO

Rowan Oil Company  
Fort Worth, Texas

RE: Case No. 202, Order No. R-30, dated 9-29-50

Gentlemen:

We are enclosing signed copy of Order No. R-30 concerning your application for an order reducing the allowable of the Brunson pool, Lea County, New Mexico.

Very truly yours,

Secretary and Director

bpu

cc: Pete Porter  
Proration Office,  
Hobbs, N. M.

## CLASS OF SERVICE

This is a full-rate Telegram or Cablegram unless its deferred character is indicated by a suitable symbol above or preceding the address.

# WESTERN UNION

W. P. MARSHALL, PRESIDENT

1220

## SYMBOLS

DL = Day Letter

NL = Night Letter

LC = Deferred Cable

NLT = Cable Night Letter

Ship Radiogram

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R R SPURRIER, SECRETARY STATE OF NEW MEXICO

OIL CONSERVATION COMMISSION SANTA FE NMEX

RE CASE 202 BRUNSON POOL LEA COUNTY NEW MEXICO HEARING  
AUGUST 24, 1950 STOP DUE TO ABSENCES ON VACATION OF  
SOME OF OUR PERSONNEL WHO ARE MORE CONVERSANT WITH  
THIS SITUATION UNABLE TO HAVE ANYONE PRESENT AT HEARING  
TO PRESENT OUR VIEWS. STOP WE FEEL THAT THE TEST PERIOD  
SHOULD BE CONTINUED FOR AN ADDITIONAL SIX MONTHS AND  
DURING SUCH PERIOD PRODUCTION PERMITTED AT THE RATE OF  
NINETY BARRELS PER WELL PER DAY STOP ANY REDUCTION IN  
ALLOWABLES IS NOT JUSTIFIED UNDER THE PRESENT SITUATION  
AND WILL RESULT IN FINAL ANALYSIS IN TRANSFERRING MARKETS  
FROM NEW MEXICO DURING THIS PEAK PERIOD OF DEMAND.

SINCLAIR OIL &amp; GAS CO BY T H HAMMETT

202 24 1950

THE COMPANY WILL APPRECIATE SUGGESTIONS FROM ITS PATRONS CONCERNING ITS SERVICE

## CLASS OF SERVICE

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# WESTERN UNION

W. P. MARSHALL, PRESIDENT

1201

## SYMBOLS

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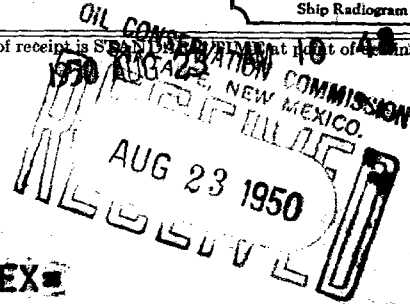
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R R SPURRIER

OIL CONSERVATION COMM SANTA FE NMEX

REFERENCE CASE 202 BRUNSON POOL, LEA COUNTY, NEW MEXICO  
TO BE HEARD AUGUST 24, 1950, SINCLAIR OIL & GAS COMPANY  
RECOMMENDS CONTINUANCE OF TEST PERIOD OF 90 BARRELS OIL  
PER WELL PER DAY FOR ADDITIONAL 6 MONTHS INTERVAL

SINCLAIR OIL AND GAS CO G H GRAY



THE COMPANY WILL APPRECIATE SUGGESTIONS FROM ITS PATRONS CONCERNING ITS SERVICE

January 13, 1950

Mr. A. H. Rowan  
Rowan Oil Company  
Commercial Standard Building  
Fort Worth 2, Texas

Dear Mr. Rowan:

We enclose herewith, signed copy of Order No. R-4, issued by the Oil Conservation Commission, January 11, 1950, in connection with the hearing held in Santa Fe, New Mexico, on November 22, 1949.

Very truly yours,

STATE OF NEW MEXICO  
OIL CONSERVATION COMMISSION

R. R. Sparrier  
Secretary-Director

RRS:bw  
encl.

This is  
MONDAY

WESTERN  
UNION  
FOR A FLYING START-  
AND TO CLEAR UP  
WEEK-END CORRESPON-  
DENCE - FAST...

WESTERN  
UNION

W. P. MARSHALL, PRESIDENT

TELEGRAPH

and day letters is STANDARD TIME at point of origin. Time of receipt is STANDARD TIME at point of destination.

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D-MDA070 PD=MIDLAND TEX 21 1030A=

ARCH ROWAN=

CARE ROWAN DLG CO COMML STD BLDG FTW=

IN RE PRODUCTION RATE BRUNSON POOL LEA COUNTY NEW MEXICO  
HUMBLE RECOMMENDS 75 BARREL TOP ALLOWABLE INSTEAD OF 90  
FOR THE 6 MONTH TEST PERIOD AND AT THE END OF THE 6 MONTH  
TEST PERIOD THE TEST DATA BE REVIEWED AND THE TOP ALLOWABLE  
BE DETERMINED FROM THESE DATA RATHER THAN REVERTING BACK  
TO THE 122 BARREL TOP ALLOWABLE=

HUMBLE OIL AND REFINING CO BY J W HOUSE=

75 90 6 6 122=

ANY WILL APPRECIATE SUGGESTIONS FROM ITS PATRONS CONCERNING ITS SERVICE