

CASE 3138: MOTION OF THE OCC to  
consider exempting certain oil  
pools from Gas-Oil Ratio Testing.

CASE No.

3138

Application,  
TRANSCRIPTS,  
SMALL Exhibits  
ETC.

SF Hobbs - Antonio - Bortolo  
Roswell

Carl -

In the matter of the hearing called by the  
Oil Conservation Commission regarding  
own situation to provide as much  
certain oil pools in the Chavez Throat  
and Eddy Counties, New Mexico, from  
the gas-oil ratio testing requirements  
of Rule 301 of the Commission Rules  
and Regulations. A list of the pools  
which will be considered for exception on the  
bulletin board of the Santa Fe,  
Artesia, and Hobbs offices of the  
Commission. The list will also be  
included in the docket for this hearing.

BEFORE THE OIL CONSERVATION COMMISSION  
OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE HEARING CALLED  
BY THE OIL CONSERVATION COMMISSION  
UPON ITS OWN MOTION TO CONSIDER  
EXEMPTING CERTAIN OIL POOLS IN LEA,  
CHAVES, ROOSEVELT AND EDDY COUNTIES,  
NEW MEXICO, FROM THE GAS-OIL RATIO  
TESTING REQUIREMENTS OF RULE 301 OF  
THE COMMISSION RULES AND REGULATIONS.

CASE No. 3138  
Order No. R-2813

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a.m. on November 12, 1964, at Santa Fe, New Mexico, before Examiner Elvis A. Utz.

NOW, on this 24th day of November, 1964, the Commission, a quorum being present, having considered the testimony, the record, and the recommendations of the Examiner, and being fully advised in the premises,

FINDS:

(1) That due public notice having been given as required by law, the Commission has jurisdiction of this cause and the subject matter thereof.

(2) That in certain oil pools in Lea, Chaves, Roosevelt, and Eddy Counties, New Mexico, the necessity for required gas-oil ratio testing no longer exists due to the low productivity of the wells in these pools.

(3) That each operator in said pools will be afforded an opportunity to produce his just and equitable share of the oil in the pool and to use his just and equitable share of the reservoir energy without required gas-oil ratio testing.

(4) That the gas-oil ratio testing requirements of Rule 301 should continue to apply to all wells that are not metered and are producing into a commingled gas gathering system. Further, that any wells which are commingled with other production, and the

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CASE No. 3138  
Order No. R-2813

allocation of production is to be on the basis of periodic well tests, shall continue to be so tested.

(5) That the Secretary-Director of the Commission should be authorized to require gas-oil ratio tests on any well in any exempt pool when he determines that such tests may be necessary to prevent waste or protect correlative rights.

IT IS THEREFORE ORDERED:

(1) That the following pools are hereby exempted from the gas-oil ratio testing requirements of Rule 301 of the Commission Rules and Regulations:

DISTRICT 1  
(Hobbs District)

Chaves County, New Mexico

Lone-Wolfcamp

Lea County, New Mexico

Baish-Wolfcamp, North  
Baum-Wolfcamp  
Bishop Canyon-Queen  
Bowers-Seven Rivers  
Caprock-Wolfcamp, East  
Corbin-Queen, South  
Corbin-Yates  
Crossroads-Mississippian  
Dollazhide-Queen  
Dublin-Devonian  
Echols-Devonian, East  
Echols-Devonian, North  
Eldson-Pennsylvanian  
Elliott-Abo  
Field Ranch-Wolfcamp  
Gladiola-Wolfcamp, South  
Hume-Queen  
Hume-Queen, West

Jenkins-Devonian  
Jenkins-San Andres  
King-Wolfcamp  
Lea-Yates  
Littman-San Andres  
Lovington-San Andres  
Lovington-San Andres, West  
Lynch-Yates, Middle  
Pearl-Pennsylvanian  
Querecho Plains-Bone Springs  
Querecho Plains-Delaware  
Querecho Plains-Yates  
Teague-Devonian  
Teague-Ellenburger  
Teague-Simpson  
Warren-Abo  
Williams-Pennsylvanian, North  
Young-San Andres

Roosevelt County, New Mexico

CLR-San Andres

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CASE No. 3138

Order No. R-2813

DISTRICT 2  
(Artesia District)

Chaves County, New Mexico

Bitter Lake-San Andres, South  
Bitter Lake-San Andres, West  
Brown (Queen-Grayburg)  
Chisum-Devonian  
Coyote-Queen  
Diablo-San Andres  
L. E. Ranch-San Andres

Leslie Spring-San Andres  
Linda-San Andres  
Pecos-San Andres  
Round Tank-San Andres  
Twin Lakes-Devonian  
White Ranch Siluro-Devonian  
White Ranch-Devonian, West  
Windmill-San Andres

Eddy County, New Mexico

Atoka-San Andres  
Atoka-Grayburg  
Benson-Yates, East  
Brushy Draw-Delaware  
Canyon-Wolfcamp  
Carlsbad-Delaware  
Cass Draw-Delaware  
Cave (Grayburg)  
Cave-San Andres, West  
Cedar Lake-Cisco  
Corral Canyon-Delaware  
Cotton Draw-Brushy Canyon  
Dark Canyon-Delaware  
Dayton-Abo  
Dayton-Grayburg, East  
Dayton-San Andres, West  
Dog Canyon-Grayburg  
Dos Hermanos, Yates-Seven Rivers  
Eagle Creek-San Andres  
Empire-Paddock  
Empire Yates-Seven Rivers, East  
Four Mile Draw-San Andres  
Fren-Paddock  
Hackberry-Seven Rivers  
Hackberry-Yates, North

Leo Queen-Grayburg, South  
Loco Hills-San Andres, South  
Logan Draw-San Andres  
Malaga-Delaware  
McMillan Seven Rivers-Queen,  
East  
Millman-Seven Rivers, East  
Palmillo-Seven Rivers  
Parallel-Delaware  
Pecos-Delaware  
Penasco-San Andres  
Penasco-Wolfcamp  
Quahada Ridge-Delaware  
Red Hills-Yates  
Red Lake Queen-Grayburg, East  
Red Lake Seven Rivers, South  
Remuda-Wolfcamp  
Saladar-Yates  
Sand Tank-Queen  
Shugart-Bone Springs  
Shugart-Wolfcamp  
Square Lake Grayburg-San  
Andres, North  
Sulphate Draw-Delaware  
U. S. Delaware  
Welch-Delaware

PROVIDED HOWEVER, that the gas-oil ratio testing requirements of Rule 301 shall continue to apply in the above pools to

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CASE No. 3138  
Order No. R-2813

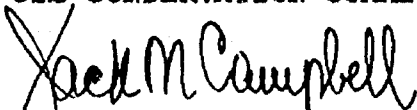
all wells that are not metered and are producing into a commingled gas gathering system; further, that all wells from which the oil production is commingled with the production of another lease or pool by authority of any commingling order of the Commission, and said production is to be allocated to the proper pool or lease from which it came on the basis of periodic well tests, shall continue to be tested;

PROVIDED FURTHER, that the Secretary-Director of the Commission is hereby authorized to require gas-oil ratio tests on any well in any exempt pool when he determines that such tests may be necessary to prevent waste or protect correlative rights.

(2) That jurisdiction of this cause is retained for the entry of such further orders as the Commission may deem necessary.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

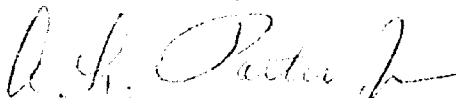
STATE OF NEW MEXICO  
OIL CONSERVATION COMMISSION



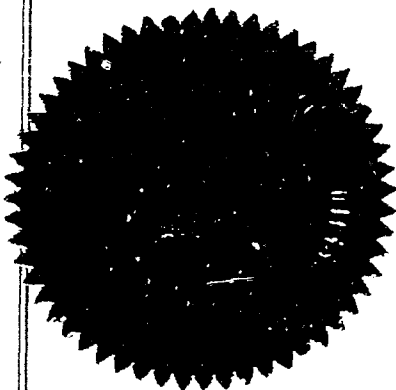
JACK M. CAMPBELL, Chairman



E. S. WALKER, Member



A. L. PORTER, Jr., Member & Secretary



esr/

DRAFT

JMD/esr  
Nov. 19, 1964

BEFORE THE OIL CONSERVATION COMMISSION  
OF THE STATE OF NEW MEXICO

CF Subj. \_\_\_\_\_

~~IN THE MATTER OF THE HEARING  
CALLED BY THE OIL CONSERVATION  
COMMISSION OF NEW MEXICO FOR  
THE PURPOSE OF CONSIDERING~~

CASE No. 3138

Order No. R- 8813

*JMD*  
*ATD*  
*[Signature]*

IN THE MATTER OF THE HEARING CALLED  
BY THE OIL CONSERVATION COMMISSION  
UPON ITS OWN MOTION TO CONSIDER  
EXEMPTING CERTAIN OIL POOLS IN LEA,  
CHAVES, ROOSEVELT AND EDDY COUNTIES,  
NEW MEXICO, FROM THE GAS-OIL RATIO  
TESTING REQUIREMENTS OF RULE 301 OF  
THE COMMISSION RULES AND REGULATIONS.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a.m. on  
November 12, 1964, at Santa Fe, New Mexico, before Examiner  
Elvis A. Utz.

NOW, on this \_\_\_\_\_ day of November, 1964, the Commission,  
a quorum being present, having considered the testimony, the record,  
and the recommendations of the Examiner, and being fully advised  
in the premises,

FINDS:

(1) That due public notice having been given as required by  
law, the Commission has jurisdiction of this cause and the subject  
matter thereof.

(2) That in certain oil pools in Lea, Chaves, Roosevelt,  
and Eddy Counties, New Mexico, the necessity for required gas-oil  
ratio testing no longer exists due to the low productivity of the  
wells in these pools.

(3) That each operator in said pools will be afforded an  
opportunity to produce his just and equitable share of the oil  
in the pool and to use his just and equitable share of the  
reservoir energy without required gas-oil ratio testing.



~~(4) That exempting said pools from gas-oil ratio testing requirements will relieve the operators in the pools from unnecessary testing expenses.~~

(4)(5) That the gas-oil ratio testing requirements of Rule 301 should continue to apply to all wells that are not metered and are producing into a commingled gas gathering system.

*Further, that any wells which are commingled with other production, and the allocation of production is to be on the basis of periodic well tests, shall*  
(5)(6) That the Secretary-Director of the Commission should be authorized to require gas-oil ratio tests on any well in any exempt pool when he determines that such tests *are* necessary to prevent waste or protect correlative rights.

IT IS THEREFORE ORDERED:

(1) That the following pools are hereby exempted from the gas-oil ratio testing requirements of Rule 301 of the Commission Rules and Regulations:

DISTRICT 1  
(Hobbs District)

Chaves County, New Mexico

Lone-Wolfcamp

Lea County, New Mexico

Baish-Wolfcamp, North  
Baum-Wolfcamp  
Bishop Canyon-Queen  
Bowers-Seven Rivers  
Caprock-Wolfcamp, East  
Corbin-Queen, South  
Corbin-Yates  
Crossroads-Mississippian  
Dollarhide-Queen  
Dublin-Devonian  
Echols-Devonian, East  
Echols-Devonian, North  
Eidson-Pennsylvanian  
Elliott-Abo  
Field Ranch-Wolfcamp  
Gladiola-Wolfcamp, South  
Hume-Queen  
Hume-Queen, West

Jenkins-Devonian  
Jenkins-San Andres  
King-Wolfcamp  
Lea-Yates  
Littman-San Andres  
Lovington-San Andres  
Lovington-San Andres, West  
Lynch-Yates, Middle  
Pearl-Pennsylvanian  
Querecho Plains-Bone Springs  
Querecho Plains-Delaware  
Querecho Plains-Yates  
Teague-Devonian  
Teague-Ellenburger  
Teague-Simpson  
Warren-Abo  
Williams-Pennsylvania  
Young-San Andres

Roosevelt County, New Mexico

CLR-San Andres

~~(4) That exempting said pools from gas-oil ratio testing requirements will relieve the operators in the pools from unnecessary testing expenses.~~

(4)(5) That the gas-oil ratio testing requirements of Rule 301 should continue to apply to all wells that are not metered and are producing into a commingled gas gathering system. *Further, that any wells which are commingled with other production, and the allocation of production is to be on the basis of periodic well tests, shall*  
(5)(6) That the Secretary-Director of the Commission should be *continue to be so tested.* authorized to require gas-oil ratio tests on any well in any exempt pool when he determines that such tests *may be* are necessary to prevent waste or protect correlative rights.

IT IS THEREFORE ORDERED:

(1) That the following pools are hereby exempted from the gas-oil ratio testing requirements of Rule 301 of the Commission Rules and Regulations:

DISTRICT 1  
(Hobbs District)

Chaves County, New Mexico

Lone-Wolfcamp

Lea County, New Mexico

Baish-Wolfcamp, North  
Baam-Wolfcamp  
Bishop Canyon-Queen  
Bowers-Seven Rivers  
Caprock-Wolfcamp, East  
Corbin-Queen, South  
Corbin-Yates  
Crossroads-Mississippian  
Dollarhide-Queen  
Dublin-Devonian  
Echols-Devonian, East  
Echols-Devonian, North  
Eidson-Pennsylvanian  
Elliott-Abo  
Field Ranch-Wolfcamp  
Gladiola-Wolfcamp, South  
Hume-Queen  
Hume-Queen, West

Jenkins-Devonian  
Jenkins-San Andres  
King-Wolfcamp  
Lea-Yates  
Littman-San Andres  
Lovington-San Andres  
Lovington-San Andres, West  
Lynch-Yates, Middle  
Pearl-Pennsylvanian  
Querecho Plains-Bone Springs  
Querecho Plains-Delaware  
Querecho Plains-Yates  
Teague-Devonian  
Teague-Ellenburger  
Teague-Simpson  
Warren-Abo  
Williams-Pennsylvanian, North  
Young-San Andres

Roosevelt County, New Mexico

CLR-San Andres

DISTRICT 2  
(Artesia District)

Chaves County, New Mexico

Bitter Lake-San Andres, South  
Bitter Lake-San Andres, West  
Brown (~~Queen-Grayburg~~)  
Chisum-Devonian  
Coyote-Queen  
Diablo-San Andres  
L. E. Ranch-San Andres

Leslie Spring-San Andres  
Linda-San Andres  
Round Tank-San Andres  
Twin Lakes-Devonian  
White Ranch-Siluro-Devonian  
White Ranch-Devonian, West  
Windmill-San Andres

Eddy County, New Mexico

Atoka-San Andres  
Atoka-Grayburg  
Benson-Yates, East  
Brushy Draw-Delaware  
Canyon-Wolfcamp  
Carlsbad-Delaware  
Cass Draw-Delaware  
Cave (Gbr.)  
Cave-San Andres, West  
Cedar Lake-Cisco  
Corral Canyon-Delaware  
Cotton Draw-Brushy Canyon  
Dark Canyon-Delaware  
Dayton-Abo  
Dayton-Grayburg, East  
Dayton-San Andres, West  
Dog Canyon-Grayburg  
Dos Hermanos, Yates-Seven Rivers  
Eagle Creek-San Andres  
Empire-Paddock  
Empire-Yates-Seven Rivers, E.  
Four Mile Draw-San Andres  
Fren-Paddock  
Hackberry-Seven Rivers  
Hackberry-Yates, North

Leo-Queen-Grayburg, South  
Loco Hills-San Andres, South  
Logan Draw-San Andres  
Malaga-Delaware  
McMillan Seven Rivers-Queen, East  
Millman-Seven Rivers, East  
Palmillo-Seven Rivers  
Parallel-Delaware  
Pecos-Delaware  
Pecos-San Andres  
Penasco-San Andres  
Penasco-Wolfcamp  
Quahada Ridge-Delaware  
Red Hills-Yates  
Red Lake-Queen-Grayburg, East  
Red Lake-Seven Rivers, South  
Remuda-Wolfcamp  
Saladar-Yates  
Sand Tank-Queen  
Shugart-Bone Springs  
Shugart-Wolfcamp  
Square Lake Grayburg-San Andres,  
North  
Sulphate Draw-Delaware  
U. S. Delaware  
Welch-Delaware

PROVIDED HOWEVER, that the gas-oil ratio testing require-  
ments of Rule 301 shall continue to apply in the above pools to  
all wells that are not metered and are producing into a com-

mingled gas gathering system; and *further, that all wells from which the production of another lease or pool by authority of any commingling order of the Commission, and said production is to be allocated to the proper pool or lease from which it came on the basis of periodic well tests, shall continue to be tested.*

PROVIDED FURTHER, that the Secretary-Director of the Commis-  
sion is hereby authorized to require gas-oil ratio tests on any

well in any exempt pool when he determines that such tests *may be*  
necessary to prevent waste or protect correlative rights.

(2) That jurisdiction of this cause is retained for the  
entry of such further orders as the Commission may deem necessary.

DONE at Santa Fe, New Mexico, on the day and year herein-  
above designated.

OIL CONSERVATION COMMISSION

P. O. BOX 871

SANTA FE, NEW MEXICO

*Case 3138*

October 13, 1964

C

Mr. R. L. Stamets  
Oil Conservation Commission  
Post Office Drawer DD  
Artesia, New Mexico

O

Dear Dick:

I have instructed Dan to docket a case to consider the exemption of the pools you mention from the G.O.R. test requirements. The case will be set for the first examiner hearing in November, and you will be expected to testify.

P

By copy of this letter, Joe is being alerted to submit a list of pools in his district for inclusion on the docket.

Very truly yours,

Y

A. L. PORTER, Jr.  
Secretary-Director

ALP/ir

cc: Mr. Joe D. Ramey  
Oil Conservation Commission  
Post Office Box 1980  
Hobbs, New Mexico

GOVERNOR  
JACK M. CAMPBELL  
CHAIRMAN

State of New Mexico

Oil Conservation Commission



P. O. DRAWER DD  
ARTESIA, NEW MEXICO

October 8, 1964

LAND COMMISSIONER  
E. B. JOHNNY WALKER  
MEMBER

STATE GEOLOGIST  
A. L. PORTER, JR.  
SECRETARY - DIRECTOR

MAIN OFFICE ON  
764 OCT 10 AM 8 20

443138

*Answer  
Monday*

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

Re: Gas-Oil Ratio Test Schedule

Dear Pete:

The time for the preparation of the 1965 Gas-Oil Ratio Test Schedule is fast approaching and there are a number of pools in this district which I should like to drop from the schedule. They are:

Cedar Lake-Cisco	Remuda-Wolfcamp
Chisum-Devonian	S. Red Lake-Seven Rivers
Dayton-Abo	Round Tank-San Andres
West Dayton-San Andres	Sand Tank-Queen
Diablo-San Andres	Shugart-Wolfcamp
Dog Canyon-Grayburg	N. Square Lake-Gbr. SA
Hackberry-Seven Rivers	Sulphate Draw-Delaware
L E Ranch-San Andres	Twin Lakes-Devonian
*Leslie Spring-San Andres	Welch-Delaware
Pecos-Delaware	W. White Ranch-Devonian
Penasco-San Andres	Windmill-San Andres
Penasco-Wolfcamp	*E. McMillan-SR-Q

\*Currently undesignated, pools to be designated at October 14 hearing.

The deletion of these pools from the schedule should cause

Page - 2 -

A. L. Porter, Jr.  
October 8, 1964

no waste to occur and should save many operators an unnecessary expense. If you wish additional information on all or any one of these pools just let me know and I shall furnish the same.

Very truly yours,

OIL CONSERVATION COMMISSION

*Dick*  
R. L. Stamets

RLS/bh

MAILED  
OCT 10 1964

*Dan Mather*

*STCC*

LEONARD OIL CO.

P. O. BOX 200

MORWELL, NEW MEXICO

December 9, 1963

RECEIVED

DEC 10 1963

D. C. C.  
ARTESIA, OFFICE

Re: GOR Tests, North Square  
Lake Pool.

Oil Conservation Commission  
P.O. Drawer DD  
Artesia, New Mexico

Attention: Mr. R.L. Stamets

Gentlemen:

We have your letter of December 5th concerning the captioned in which our Humble State #1 well and our Midwest #1 well are involved.

The GOR's as calculated for the months of July, August, September and October from actual oil production and actual gas sales, are as follows:

<u>Humble State #1 - Sec. 5, T-16S, R-31E.</u>				<u>Midwest #1 - Sec. 8, T-16S, R-31E</u>			
	<u>Oil Pro-</u>	<u>Gas Sales</u>			<u>Oil Pro-</u>	<u>Gas Sales</u>	
<u>Month</u>	<u>duction bbls</u>	<u>MCF</u>	<u>GOR</u>	<u>Month</u>	<u>duction bbls</u>	<u>MCF</u>	<u>GOR</u>
July	84	27	321	July	81	835	10,309
Aug.	66	27	409	Aug.	19	669	35,211
Sept.	85	41	482	Sept.	106	573	5,406
Oct.	76	41	539	Oct.	46	405	8,804

The GOR for the Humble State #1 is fairly uniform for the four month period but the gas production is too small to measure without special equipment, which we do not feel we can justify.

The GOR for the Midwest #1 is very erratic during the four month period. The well produces by "heads" and would be very difficult to measure without special equipment for intergration of the charts. We feel that a GOR based on any 24 hour period would not be a representative GOR on this well because of the erratic production pattern.

Both of the wells are marginal wells that produce less than four barrels of oil per day and less than one million cubic feet of gas per month. It is our feeling that wells of this nature should be exempt from taking GOR since any 24 hour production period is not representative of what the well will produce.

If these type wells are subject to annual GOR tests, it is our suggestion that this GOR be based on 30 days oil production and 30 days gas sales.

*What do you think Dan? I like his last idea for  
single marginal wells with gas connections. Other  
wells in this pool are never top allowable, see December schedule.  
Dick*

GOVERNOR  
JACK M. CAMPBELL  
CHAIRMAN

State of New Mexico  
Oil Conservation Commission



LAND COMMISSIONER  
E. B. JOHNNY WALKER  
MEMBER

P. D. DRAWER DD  
ARTESIA, NEW MEXICO

STATE GEOLOGIST  
A. L. PORTER, JR.  
SECRETARY - DIRECTOR

October 19, 1964

A. L. Porter, Jr.  
Director  
Oil Conservation Commission  
Santa Fe, New Mexico

Re: GOR Limitation and Tests

Dear Pete:

The list of pools which I sent you by letter of October 8, 1964, contained only those which appear on the current GOR Test Schedule or which would normally be included on the same for 1965. There are, in addition, a number of pools in this district which have not been required to take gas-oil ratio test for many years. These pools were most often developed during that period when there were no gasoline plants and gas gathering systems in this district. If it meets with your approval the same may be heard at the first examiner hearing in November with those pools previously mentioned. A list of these additional pools is enclosed.

At the hearing I plan to present testimony or exhibits on an individual pool basis as follows: Number of wells, average daily production, number of non-marginal wells, whether or not the gas is being sold and the volume of gas reported. I plan to obtain cost estimates from majors and independents for gas-oil ratio testing. Further, I will be able to show if any allowables would be affected by discontinuing testing and GOR limitations. If other information would be required or desirable, please let me know.

Very truly yours,

OIL CONSERVATION COMMISSION

*Dick*  
R. L. Stamets

RLS/bh  
Enc.



GOVERNOR  
JACK M. CAMPBELL  
CHAIRMAN

State of New Mexico  
**Oil Conservation Commission**



LAND COMMISSIONER  
E. S. JOHNNY WALKER  
MEMBER

P. O. DRAWER DD  
ARTESIA, NEW MEXICO

STATE GEOLOGIST  
A. L. PORTER, JR.  
SECRETARY - DIRECTOR

August 21, 1964

N. M. Oil Conservation Commission  
P. O. Box 2088  
Santa Fe, New Mexico

Attention: D. S. Nutter

Re: GOR Testing

Dear Dan:

By letter of December 31, 1963, I mailed Jim Durrett a list of pools which I felt should be exempt from the provisions of Rule 301 and Rule 506(d), Commission Rules & Regulations. Please add the following pools to this list: Atoka-Grayburg, Crow Flats-San Andres, Round Tank-San Andres and Sulphate Draw-Delaware. Further, after some study I wish to delete the West Henshaw Grayburg Pool from the list.

The October regular hearing would be an excellent time to take this up. I understand Signal is going to give a quality party then.

Very truly yours,

A handwritten signature in cursive script that reads "Dick".

Dick

GOVERNOR  
JACK M. CAMPBELL  
CHAIRMAN

State of New Mexico  
**Oil Conservation Commission**



LAND COMMISSIONER  
E. B. JOHNNY WALKER  
MEMBER

P. O. DRAWER DD  
ARTESIA, NEW MEXICO  
May 29, 1963

STATE GEOLOGIST  
A. L. PORTER, JR.  
SECRETARY - DIRECTOR

Mr. A. L. Porter, Jr.  
Director  
New Mexico Oil Conservation Commission  
P. O. Box 871  
Santa Fe, New Mexico

Re: Changes in procedure in  
granting increases in allow-  
able by Form C-127 and C-116.

Dear Pete:

As we discussed the other day in Santa Fe, I have been thinking about some possible changes in our procedures for increasing allowables when the same is requested by Form C-127 or C-116. I have attached, in outline form, our current procedures and the proposed changes. I feel these changes would help the operator by permitting him to get an increased allowable between the time his well experienced an increase in production and the time he was able to get his papers filed with the Commission. A second advantage would be that when a major workover was performed on a well in a pool not exempt from Rule 301, the operator, at his option, would not have to refile Form C-116 until 30 to 60 days after the workover, thereby, gaining a more accurate test. Maximum time periods between the production increase and the filing date are suggested to prevent operators from filing for an increase effective the first of the month on the last day of the month.

If you need any more information on these suggestions, let me know.

Very truly yours,

*Rich*  
R. L. Stamets

RLS/uh

I. Non GOR Pools (exempt from Rule 301).

(A) Allowable increase request on Form C-127.

(1) Causes:

Clean out, hot oil treatment, hot water treatment, installing new or bigger pump, acidizing, workover, water flood, sand frac.

(2) Current procedure for increase in allowable:

(a) Allowable assigned on date Form C-127 received in this office.

(b) Statement of cause for increase required under remarks column Form C-127.

(3) Proposed changes in procedure:

(a) Allowable assignment on date of increased production if Form C-127 filed within 7 days.

(b) Cause for increase still required under remarks column Form C-127, however, 3 copies NMOCC Form C-103 or 1 copy USGS Form 933-1a must be attached when well worked over.

II. Pool affected by GOR (not exempt from Rule 301)

(A) Allowable increase request on Form C-116.

(1) Current procedure for increase in allowable:

(a) Allowable increase assigned from date Form C-116 received in this office.

(b) Cause for increase requested on body of form.

(2) Proposed changes in procedure:

(a) Allowable increase from date of test if Form C-116 filed within 7 days, cause to be noted on Form.

(b) If well worked over, operator may request immediate increase in allowable and file Form C-116 not sooner than 30 days nor later than 60 days following completion of the workover.

(1a) If when delayed GOR test received, the GOR should be excessive, the current allowable could be reduced sufficiently to make up for that excessive production prior to its receipt.

New Mexico Oil Conservation Commission

Form C-127

REQUEST FOR ALLOWABLE CHANGE

Requesting (  increase) (  decrease) in allowable of wells listed below as indicated. Use separate forms for increases & decreases. Under "Cause" column below, show the reason for the increase, workover, clean out, hot oil, new pump, etc. and date of increase. No well can be assigned an allowable greater than the amount of oil produced on the latest G.O.R. test. For wells on which top allowable is desired, enter a "T" in the Allowable Requested Column.

Pool	Lease	Well # U.	S.-T.-R.	Allowable Requested	Cause
------	-------	--------------	----------	------------------------	-------

*This form was made up to provide land for things that can possibly be done.*

When a well is worked over State Form C-103 or Federal Form 933-1a must be attached to this Form to receive an allowable increase. State Form C-116 must be filed not sooner than 30 days nor later than 60 days following workover of a well in a pool not exempt from Rule 301.

Request the above allowable changes for the month of \_\_\_\_\_ 19\_\_\_\_.

Date \_\_\_\_\_

Signed \_\_\_\_\_

Operator \_\_\_\_\_

Title \_\_\_\_\_

OIL CONSERVATION COMMISSION  
P. O. BOX 871  
SANTA FE, NEW MEXICO

*Case 3138*

January 8, 1964

Mr. R. L. Stamets  
Oil Conservation Commission  
Drawer DD  
Artesia, New Mexico

Re: GOR Limitations and Tests

Dear Dick:

We have your letter of December 31, 1963, concerning the docketing of a hearing to exempt certain pools in your district from the requirements of Rule 301 and Rule 506(d).

I am, by copy of this letter, requesting Joe Ramey to forward a list of any pools in his district that he feels should be included in the hearing. After we hear from Joe, we will docket the case for one of the regular hearings.

Very truly yours,

J. M. DURRETT, Jr.  
Attorney

JMD/esr

cc: Mr. Joe D. Ramey  
Supervisor, District 1  
Oil Conservation Commission  
P. O. Box 1980  
Hobbs, New Mexico

C  
O  
P  
Y

GOVERNOR  
JACK M. CAMPBELL  
CHAIRMAN

State of New Mexico  
**Oil Conservation Commission**



LAND COMMISSIONER  
E. B. JOHNNY WALKER  
MEMBER

P. O. DRAWER DD  
ARTESIA, NEW MEXICO

December 31, 1963

1963 5137  
1964 JAN 2 11 23  
STATE GEOLOGIST  
A. L. PORTER, JR.  
SECRETARY - DIRECTOR

New Mexico Oil Conservation Commission  
P. O. Box 871  
Santa Fe, New Mexico

Attention: Jim Durrett

Re: Commission Order R-199,  
exempting certain Pools  
from GOR limitations and  
tests.

Dear Jim:

The above referenced Commission Order exempted certain pools in Chaves, Eddy and Lea Counties from the provisions of Rule 301 and paragraph (d) of Rule 506, Commission Rules and Regulations. You will recall that when we talked in Santa Fe earlier this month I mentioned the need for adding to and deleting certain pools in this district from that order. I have subsequently prepared a list of these pools and am sending you the same herewith. You will note that I have shown certain relative pool information opposite the pool name. If this case is to be heard, and if I am to present testimony relative to the same and such testimony would cover information other than that on the attached list, please let me know what you will need.

Very truly yours,

*Rick*  
R. L. Stamets

RLS/uh

Page 3138

Copy

Dear

Like I mentioned some quite  
some time ago, that you were thinking of deleting  
some oil ports from the GOR schedule. This  
is fine, however I haven't heard anymore about it.  
Do you still plan to do this? If so I would  
like to toss this extra thought into the ring  
that as a administrative procedure be set  
up so a district mayor recommend to the  
district director of the Commission, that  
certain ports be deleted from the official  
GOR schedule, likewise a vice versa  
clause should be included. This procedure  
would eliminate that burden of time to bring it  
before the Commission for approval.

You mentioned that you had planned to  
change a few of the Commission's forms. Do  
you still plan to do this? If you plan to  
change this for April, we will see you  
at the Automation Symposium. Won't  
we?

\_\_\_\_\_

*Case 3138*

OIL CONSERVATION COMMISSION  
P. O. BOX 871  
SANTA FE, NEW MEXICO

March 30, 1964

C  
O  
P  
Y

Mr. R. L. Stamets  
Geologist and Deputy  
Oil & Gas Inspector  
Oil Conservation Commission  
Drawer DD  
Artesia, New Mexico

Re: GOR Pool Exemptions

Dear Dick:

We are holding the above case as Dan feels that we probably should not exempt several of the pools that Hobbs has requested and wants to talk to Joe concerning the matter. I will try to expedite docketing the case.

Drop me another note if you have not heard from me within a week or two.

Very truly yours,

J. M. DURRETT, Jr.  
Attorney

JMD/esr



**Memo**

SFOCC

From

R. L. STAMETS  
GEOLOGIST AND DEPUTY  
OIL & GAS INSPECTOR

To Jim Durrett Jr

Re: Your letter Jan. 8, 64 re  
my letter Dec 31, 63 concerning  
exempting certain pools  
from GOR requirements Rule  
301 & 506. Suggest proceeding  
This case before witness grows  
long white beard. STOP

Several of the pools to be  
exempted are on the "GOR  
Test Schedule" and <sup>operators</sup> will be  
required to make unnecessary  
tests if this case is not  
heard shortly.

1964 MAR 24 AM 8:24

MAIN OFFICE OCC

Dick

*John Paul Hall*

The following pools will be considered for exemption from the gas-oil ratio testing requirements of Rule 301 of the Commission Rules and Regulations at public hearing in the Oil Conservation Commission Conference Room, State Land Office Building, Santa Fe, New Mexico, at 9:00 o'clock a.m., November 12, 1964:

ARTESIA DISTRICT

Atoka-San Andres	Leo-Queen-Grayburg, South
Atoka-Grayburg	Leslie Spring-San Andres
Benson-Yates, East	Linda-San Andres
Bitter Lakes-San Andres, South	Loco Hills-San Andres, South
Bitter Lakes-San Andres, West	Logan Draw-San Andres
Brown, Q. Gbr.	Malaga-Delaware
Brushy Draw-Delaware	McMillan Seven Rivers-Queen, East
Canyon-Wolfcamp	Millman-Seven Rivers, East
Carlsbad-Delaware	Palmillo-Seven Rivers
Cass Draw-Delaware	Parallel-Delaware
Cave (Gbr.)	Pecos-Delaware
Cave-San Andres, West	Pecos-San Andres
Cedar Lake-Cisco	Penasco-San Andres
Chisum-Devonian	Penasco-Wolfcamp
Corral Canyon-Delaware	Quahada-Ridge Delaware
Cotton Draw-Brushy Canyon	Red Hills-Yates
Coyote-Queen	Red Lake-Queen-Grayburg, East
Dark Canyon-Delaware	Red Lake-Seven Rivers, South
Dayton-Abo	Remuda-Wolfcamp
Dayton-Grayburg, East	Round Tank-San Andres
Dayton-San Andres, West	Saladar-Yates
Diablo-San Andres	Sand Tank-Queen
Dog Canyon-Grayburg	Shugart-Bone Springs
Dos Hermanos, Yates-Seven Rivers	Shugart-Wolfcamp
Eagle Creek-San Andres	Square Lake Grayburg-San Andres, North
Empire Paddock	Sulphate Draw-Delaware
Empire-Yates-Seven Rivers, East	Twin Lakes-Devonian
Four Mile Draw-San Andres	U. S.-Delaware
Fren Paddock	Welch-Delaware
Hackberry-Seven Rivers	White Ranch Siluro-Devonian
Hackberry-Yates, North	White Ranch-Devonian, West
L. E. Ranch-San Andres	Windmill-San Andres

HOBBS DISTRICT

Baish-Wolfcamp, North	Echols-Devonian, East
Baum-Wolfcamp	Echols-Devonian, North
Bishop Canyon-Queen	Edson-Pennsylvanian
Bowers-Seven Rivers	Elliott-Abo
Caprock-Wolfcamp, East	Field Ranch-Wolfcamp
CLR-San Andres	Gladiola-Wolfcamp, South
Corbin-Queen, South	Hume-Queen
Corbin-Yates	Hume-Queen, West
Crossroads-Mississippian	Jenkins-Devonian
Crossroads-San Andres, West	Jenkins-San Andres
Dollarhide-Queen	King-Wolfcamp
Dublin-Devonian	Lea-Yates

Continued on page 2

Littman-San Andres  
Lone-Wolfcamp  
Lovington-San Andres  
Lovington-San Andres, West  
Lynch-Yates, Middle  
Pearl-Pennsylvanian  
Querecho Plains-Bone Springs

Querecho Plains-Delaware  
Querecho Plains-Yates  
Teague-Devonian  
Teague-Ellenburger  
Teague Simpson  
Warren-Abo  
Williams-Pennsylvanian, North  
Young-San Andres

GOVERNOR  
JACK M. CAMPBELL  
CHAIRMAN

State of New Mexico  
**Oil Conservation Commission**



LAND COMMISSIONER  
E. B. JOHNNY WALKER  
MEMBER

P. O. BOX 2045

HOBBS

January 27, 1964

STATE GEOLOGIST  
A. L. PORTER, JR.  
SECRETARY - DIRECTOR

Mr. James M. Durrett, Jr., General Counsel  
New Mexico Oil Conservation Commission  
P. O. Box 871  
Santa Fe, New Mexico

Dear Jim:

As requested in your recent letter, the following pools can be exempted from the provisions of Commission Rule 506:

*April 1964*

Bronco-Mississippian 0	Lea-Devonian 2/9
Bronco-Siluro Devonian 1/13	Leamex-Pennsylvanian 0
Bronco-Wolfcamp 0	Leamex-Wolfcamp 0
Caudill Devonian 0	McCormick-Silurian 0
Crossroads-Pennsylvanian 0	Medicine Rock-Devonian 0
Crossroads-Devonian, East 1/2	Mescalero-Devonian 3/5
Crossroads-Devonian, West 0	Mescalero-Permo Pennsylvanian 0
Dean-Devonian 0	Mescalero-San Andres 5/6
Dean-Permo Pennsylvanian 0	Mescalero-Wolfcamp, North 0
Dollarhide-Ellenburger 0	Moore-Devonian 12/16
Dollarhide-Fusselman 1	Salt Lake-Yates 0
Gladiola-Devonian 14/24	San Miguel-Yates, Seven Rivers 0
Gladiola-Devonian, East 0	Sand Springs-Devonian 0
Gladiola-Devonian, Southwest 1	Sanmal-San Andres 0
Gladiola-Wolfcamp 0	Shoe Bar-Devonian 0
Hightower-Devonian 0	Shoe Bar-Devonian, North 0
Hightower-Pennsylvanian, East 0	Teas-Yates, West 0
King-Devonian 1/10	Tonto-Yates, Seven Rivers, West 1/7
Knowles-Devonian, South 3/13	Vacuum-Devonian, South 3/11
Lane-Pennsylvanian 0	Vacuum-Wolfcamp 8/16
2 Lane-Wolfcamp	

In addition, the following pools can be exempted from the provisions of Commission Rules 301 and 506:

Mr. James M. Durrett, Jr.

-2-

January 27, 1964

*Againt Schedule*

Baish-Wolfcamp, North O  
Baum-Wolfcamp O  
Bishop Canyon-Queen O  
Bowers-Seven Rivers O  
Caprock-Wolfcamp, East 12/17  
CLR-San Andres O  
Corbin-Queen, South O  
Corbin-Yates O  
Crossroads-Mississippian O  
? Crossroads-San Andres, West  
Dollarhide-Queen O  
Dublin-Devonian O  
Echols-Devonian, East O  
Echols-Devonian, North O  
Eidson-Pennsylvanian O  
Elliott-Abo O

Field Ranch-Wolfcamp O  
Gladiola-Wolfcamp, South O  
Hume-Queen 5/19  
Hume-Queen, West O  
Jenkins-Devonian O  
Jenkins-San Andres 1/2  
King-Wolfcamp O  
Lea-Yates O  
Littman-San Andres O  
Lone-Wolfcamp O  
Lovington-San Andres 4/40  
Lovington, San Andres, West O  
Lynch-Yates, Middle O  
Pearl-Pennsylvanian O  
Querecho Plains-Bone Springs O  
Querecho Plains-Delaware O  
Querecho-Plains-Yates O  
Teague-Devonian O  
Teague-Ellenburger O  
Teague Simpson O  
Warren-Abo O  
Williams-Pennsylvanian, North O  
Young-San Andres O

Yours very truly,

OIL CONSERVATION COMMISSION

*Joe D. Ramey*  
Joe D. Ramey  
Supervisor, District 1

JDR/mc

# ARTESIA DISTRICT

Atoka-San Andres	Leo-Queen-Grayburg, South
Atoka-Grayburg	Lealie Spring-San Andres
Benson-Yates, East	Linda-San Andres
Bitter Lakes - San Andres, South	Loco Hills-San Andres, South
Bitter Lakes - San Andres, West	Logan Draw-San Andres
Brown, Q. Gbr.	Malaga-Delaware
Brushy Draw - Delaware	McMillan Seven Rivers - Queen, East
Canyon-Wolfcamp	Millman-Seven Rivers, East
Carlsbad-Delaware	Palmillo-Seven Rivers
Cass Draw - Delaware	Parallel-Delaware
Cave (Gbr.)	Pecos - Delaware
Cave-San Andres, West	Pecos-San Andres
<i>Chisum-Devonian</i> Cedar Lake-Cisco	Penaeco - San Andres
Corral Canyon-Delaware	Penaeco - Wolfcamp
	Quahada-Ridge Delaware
Cotton Draw - Brushy Canyon	Red Hills - Yates
Coyote-Queen	Red Lake - Queen-Grayburg, East
Dark Canyon - Delaware	Red Lake - Seven Rivers, South
Dayton - Abo	Remuda-Wolfcamp
Dayton-Grayburg, East	Saladar-Yates
Dayton-San Andres, West	Sand Tank - Queen
Dos Hermanos, - Yates-Seven Rivers	Shugart-Bone Springs
Eagle Creek - San Andres	Shugart-Wolfcamp
Empire Paddock	S-S-Delaware
Empire-Yates-Seven Rivers, East	S-S-Delaware
Four Mile Draw-San Andres	White Ranch-Siluro-Devonian
Fren Paddock	White Ranch-Devonian, West
Hackberry - Seven Rivers	Windmill-San Andres
Hackberry-Yates, North	Wetch-Delaware
L.E. Ranch - San Andres	

*Round Tank - San Andres*

*Square Lake - Grayburg - San Andres, North*

*Sulphate Draw - Devonian*

*Diablo - San Andres*

*Doq Canyon - Grayburg*

*384*

# HUMBLE OIL & REFINING COMPANY

MIDLAND, TEXAS

October 30, 1964

MIDLAND AREA

## PRODUCTION DEPARTMENT

R. R. McCARTY  
MANAGER  
H. L. HENSLEY  
J. M. SHEPHERD  
OPERATIONS SUPERINTENDENTS  
B. M. SULLIVAN  
ENGINEERING COORDINATOR

PH 11  
NOV 1 1964  
MAIL ROOM

POST OFFICE BOX 1600

RE: N.M.O.C.G. CASE 3138  
EXEMPTION OF GOR TESTING

*Case File*  
*[Signature]*

Mr. A. L. Porter  
New Mexico Oil Conservation Commission  
P. O. Box 871  
Santa Fe, New Mexico

Dear Sir:

Humble's Midland Area has working interest in the following four pools which are included in Case 3138 for exemption from gas-oil ratio testing: Bowers (Seven Rivers), West Lovington (San Andres), Williams (Penn) North, and Eidson (Penn). Humble is in accord with the Commission's plan to eliminate gas-oil ratio testing in these pools.

Yours very truly,

HUMBLE OIL & REFINING COMPANY

R. R. McCARTY

*H. L. Hensley*

BY: H. L. HENSLEY

WGD/sam



File  
Case  
3138  
[initials]

**Memo**

SFOCC

From

R. L. STAMETS  
GEOLOGIST AND DEPUTY  
OIL & GAS INSPECTOR

To Jim Durrett

Please note one error  
on Docket re Case 3138

Case - San Andres, West  
should be

Cave - San Andres, West

Dick

CLASS OF SERVICE

This is a fast message unless its deferred character is indicated by the proper symbol.

# WESTERN UNION TELEGRAM

W. P. MARSHALL, PRESIDENT

SYMBOLS	
DL	= Day Letter
NL	= Night Letter
LT	= International Letter Telegram

1201

The filing time shown in the date line on domestic telegrams is STANDARD TIME at point of origin. Time of receipt is STANDARD TIME at point of destination

1964 NOV 11 PM 2 11

LA063 KB194

K TUC113 PD=FAX TULSA OKLA 11 230P GST

NEW MEXICO OIL CONSERVATION COMMISSION

STATE LAND OFFICE BLDG SANTAFE NMEX

RE: CASE 3138 SKELLY HAS INTERESTS IN VARIOUS FIELDS TO BE CONSIDERED IN CAPTIONED CASE. WE HAVE NO OBJECTION TO EXEMPTING ANY OR ALL POOLS FROM GAS-OIL RATIO TESTING REQUIREMENTS OF RULE 301, AND URGE COMMISSION TO EXEMPT SUCH POOLS SO AS TO AVOID UNNECESSARY TESTING EXPENSES

SKELLY OIL CO GEORGE W SELINGER

THE COMPANY WILL APPRECIATE SUGGESTIONS FROM ITS PATRONS CONCERNING ITS SERVICE

# Memo

From  
JOE D. RAMEY  
SUPERVISOR & PRORATION  
MANAGER

To: Elvis Utz  
Re: Case 3138

No gas well gas,  
flush or otherwise, is  
being commingled with  
casinghead in any of  
the pools listed in  
Hobbs Dist. in the above  
case.

JLR

Artesia District

Chaves Co.

Bitterlake - San Andres, South

Bitter Lake - San Andres, West

Brown (Q, Gb.)

Chisum - Devonian

Coyote - Queen

Diablo - San Andres

Le E. Ranch - San Andres

Leslie Spring - San Andres

Linda - San Andres

Round Tank - San Andres

Twin Lakes - Devonian

White Ranch - Siluro Devonian

White Ranch - Devonian, West

Windmill - San Andres

DOCKET: EXAMINER HEARING - THURSDAY - NOVEMBER 12, 1964

9 A.M. - OIL CONSERVATION COMMISSION CONFERENCE ROOM,  
STATE LAND OFFICE BUILDING - SANTA FE, NEW MEXICO

The following cases will be heard before Daniel S. Nutter, Examiner, or Elvis A. Utz, Alternate Examiner.

CASE 3129: (Continued from the October 13, 1964 Examiner Hearing).  
Application of Shell Oil Company for a unit agreement, Lea County, New Mexico. Applicant, in the above-styled cause, seeks approval of the West Wilson Deep Unit Area comprising 3360 acres, more or less, of State and Fee lands in Township 21 South, Range 34 East, Lea County, New Mexico.

CASE 3138: In the matter of the hearing called by the Oil Conservation Commission upon its own motion to consider exempting certain oil pools in Lea, Chaves, Roosevelt and Eddy Counties, New Mexico, from the gas-oil ratio testing requirements of Rule 301 of the Commission Rules and Regulations. The following pools will be considered for exemption:

ARTESIA DISTRICT

Eddy Atoka-San Andres	Leo-Queen-Grayburg, South Eddy
Eddy Atoka-Grayburg	Leslie Spring-San Andres Chaves
Eddy Benson-Yates, East	Linda-San Andres Chaves
Chaves Bitter Lakes-San Andres, South	Loco Hills-San Andres, South Eddy
Chaves Bitter Lakes-San Andres, West	Logan Draw-San Andres Eddy
Chaves Brown, Q. Gbr.	Malaga-Delaware Eddy
Eddy Brushy Draw-Delaware	McMillan Seven Rivers-Queen, East Eddy
Eddy Canyon-Wolfcamp	Millman-Seven Rivers, East Eddy
Eddy Carlsbad-Delaware	Palmillo-Seven Rivers Eddy
Eddy Cass Draw-Delaware	Parallel-Delaware Eddy
Eddy Cave (Gbr.)	Pecos-Delaware Eddy
Eddy Cave-San Andres, West	Pecos-San Andres Eddy
Eddy Cedar Lake-Cisco	Penasco-San Andres Eddy
Chaves Chisum-Devonian	Penasco-Wolfcamp Eddy
Eddy Corral Canyon-Delaware	Quahada Ridge-Delaware Eddy
Eddy Cotton Draw-Brushy Canyon	Red Hills- Yates Eddy
Chaves Coyote-Queen	Red Lake-Queen-Grayburg, East Eddy
Eddy Dark Canyon-Delaware	Red Lake-Seven Rivers, South Eddy
Eddy Dayton-Abo	Remuda-Wolfcamp Eddy
Eddy Dayton-Grayburg, East	Round Tank-San Andres Chaves
Eddy Dayton-San Andres, West	Saladar-Yates Eddy
Chaves Diablo-San Andres	Sand Tank-Queen Eddy
Eddy Dog Canyon-Grayburg	Shugart-Bone Springs Eddy
Eddy Dos Hermanos, Yates-Seven Rivers	Shugart-Wolfcamp Eddy
Eddy Eagle Creek-San Andres	Square Lake Grayburg-San Andres, North Eddy
Eddy Empire Paddock	Sulphate Draw-Delaware Eddy
Eddy Empire-Yates-Seven Rivers, E.	Twin Lakes-Devonian Chaves
Eddy Four Mile Draw-San Andres	U. S. Delaware Eddy
Eddy Fren-Paddock	Welch-Delaware Eddy
Eddy Hackberry-Seven Rivers	White Ranch Siluro-Devonian Chaves
Eddy Hackberry-Yates, North	White Ranch-Devonian, West Chaves
Chaves L. E. Ranch-San Andres	Windmill-San Andres Chaves

November 12 Examiner Hearing

HOBBS DISTRICT

Lea	Baish-Wolfcamp, North	Hume-Queen, West	Lea
Lea	Baum-Wolfcamp	Jenkins-Devonian	Lea
Lea	Bishop Canyon-Queen	Jenkins-San Andres	Lea
Lea	Bowers-Seven Rivers	King-Wolfcamp	Lea
Lea	Caprock-Wolfcamp, East	Lea-Yates	Lea
Beaswell	CLR-San Andres	Littman-San Andres	Lea
Lea	Corbin-Queen, South	Lone-Wolfcamp	Chaves
Lea	Corbin-Yates	Lovington-San Andres	Lea
Lea	Crossroads-Mississippian	Lovington-San Andres, West	Lea
Invalidated with July 1954	<del>Crossroads-San Andres, West</del>	Lynch-Yates, Middle	Lea
Lea	Dollarhide-Queen	Pearl-Pennsylvanian	Lea
Lea	Dublin-Devonian	Querecho Plains-Bone Springs	Lea
Lea	Echols-Devonian, East	Querecho Plains-Delaware	Lea
Lea	Echols-Devonian, North	Querecho Plains-Yates	Lea
Lea (Eidson)	Edson-Pennsylvanian	Teague-Devonian	Lea
Lea	Elliott-Abo	Teague-Ellenburger	Lea
Lea	Field Ranch-Wolfcamp	✓ Teague Simpson	Lea
Lea	Gladiola-Wolfcamp, South	Warren-Abo	Lea
Lea	Hume-Queen	Williams-Pennsylvanian, North	Lea
		Young-San Andres	Lea

CASE 3139: Application of Shell Oil Company for a dual completion and a non-standard gas proration unit, Lea County, New Mexico. Applicant, in the above-styled cause, seeks approval of a 160-acre non-standard gas proration unit comprising the S/2 SW/4, NE/4 SW/4, and SW/4 SE/4 of Section 3, Township 21 South, Range 37 East, Tubb Gas Pool, Lea County, New Mexico, to be dedicated to its Livingston Well No. 7 located in Unit V of said Section 3. Applicant further seeks approval of said well as a dual completion (conventional) to produce oil from the Drinkard Pool through 2-3/8 inch tubing and to produce gas from the Tubb Gas Pool through the casing-tubing annulus.

CASE 3140: Application of Caulkins Oil Company for a non-standard location and a dual completion, Rio Arriba County, New Mexico. Applicant, in the above-styled cause, seeks approval of an unorthodox location for its Breech B Well No. PD-123 to be located 700 feet from the North line and 1800 feet from the East line of Section 7, Township 26 North, Range 6 West, Rio Arriba County, New Mexico. Applicant further seeks authority to complete said well as a dual completion (conventional) to produce gas from the South Blanco-Pictured Cliffs Pool through 1-1/4 inch tubing and to produce gas from the Basin-Dakota Gas Pool through 2-3/8 inch tubing.

CASE 3141: Application of Caulkins Oil Company for a non-standard location and a dual completion, Rio Arriba County, New Mexico. Applicant, in the above-styled cause, seeks approval of an unorthodox location for its Breech C Well No. D-144 to be located 990 feet from the North line and 1,090 feet from the East line of Section 12, Township 26 North, Range 6 West, Rio Arriba County, New Mexico. Applicant further seeks authority to complete said well as a dual completion (conventional) to produce oil from the South Blanco-Tocito Pool through 2-3/8 inch tubing and to produce gas from the Basin-Dakota Gas Pool through 1-1/4 inch tubing.

Case 3138

Heard 11-12-64

Rec. 11-13-64

- 1 Grant an exception to the ~~oil pool~~ gas-oil ratio test requirements of Rule 30 to the oil pools listed on exhibits #1 - Dist. I and #1 - Dist. II.
- 2 Waste would not occur and correlative rights would not be disturbed since the wells in these pools are not capable of producing NVA X 2000 c.f. gas per day.
3. These requirements shall not be waived if:
  - a. a ~~test~~ GOR test is necessary in order to determine the gas production from any wells connected to a commingled gas gathering system where the gas is not metered ~~at the well site~~ for the individual wells.
  - b. a GOR test is necessary in order to determine the productivity of oil wells producing into a commingled gathering system.
  - c. at any time the NMCCS determines that it is necessary to revoke this exemption.

Shuck. W.

BEFORE THE  
NEW MEXICO OIL CONSERVATION COMMISSION  
Santa Fe, New Mexico  
November 12, 1964

EXAMINER HEARING

IN THE MATTER OF: The hearing called by the Oil Conservation Commission upon its own motion to consider exempting certain oil pools in Lea, Chaves, Roosevelt and Eddy Counties, New Mexico, from the gas-oil ratio testing requirements of Rule 301 of the Commission Rules and Regulations.

Case No. 3138

BEFORE: ELVIS A. UTZ, EXAMINER

TRANSCRIPT OF HEARING

dearnley-meier reporting service, inc.

SPECIALIZING IN: DEPOSITIONS, HEARINGS, STATEMENTS, EXPERT TESTIMONY, DAILY COPY, CONVENTIONS

1120 SIMMS BLDG. • P. O. BOX 1092 • PHONE 243-6691 • ALBUQUERQUE, NEW MEXICO



OFFICE 000  
Nov 25 PM 3 40  
FBI 000  
Nov 25 PM 3 40





MR. UTZ: The next case will be Case 3138.

MR. DURRETT: In the matter of the hearing called by the Oil Conservation Commission upon its own motion to consider exempting certain oil pools in Lea, Chaves, Roosevelt and Eddy Counties, New Mexico, from the gas-oil ratio testing requirements of Rule 301 of the Commission Rules and Regulations.

If the Examiner please, Jim Durrett appearing for the Commission and it's Staff. I will have two witnesses.

(Witnesses sworn.)

JOE D. RAMEY, called as a witness, having been first duly sworn, testified as follows:

DIRECT EXAMINATION

BY DURRETT:

Q Mr. Ramey, will you please state your name and position for the record?

A Joe D. Ramey, Supervisor District 1 for the New Mexico Oil Conservation Commission.

Q Are you familiar with the background of Case 3138 concerning the exempting of certain pools from the gas-oil ratio testing requirements of Rule 301?

A Yes, sir.

Q In that connection would you please state for the Examiner the main reasons that the Commission has for

dearnley-meier recording services, inc.

SPECIALIZING IN: DEPOSITIONS, HEARINGS, STATEMENTS, EXPERT TESTIMONY, DAILY COPY, CONVENTIONS

1120 SIMMS BLDG. • P. O. BOX 1092 • PHONE 243-6691 • ALBUQUERQUE, NEW MEXICO

requiring that GOR tests be made and reported to the Commission?

A Well, primarily it's to insure that each well would produce that no more than it's fair share of the reservoir energy and it's also utilized to set allowables.

Q Do you use it to set allowables by, or do you mean by that that you restrict the wells that have high GOR rates higher than 2,000 to 1 under your rules?

A Yes, sir.

Q In that connection do you feel that it's used to afford each operator the opportunity to produce his just and equitable share of the oil and gas in the pool and use his just and equitable share of the energy?

A Yes, sir.

Q Why do you propose, Mr. Ramey, concerning the wells in your district, the Hobbs District, why do you propose to exempt the pools that are covered by this hearing?

(Whereupon, Exhibit 1, District 1 marked for identification.)

A Well, for the most part, the pools, if I may refer you to the exhibit marked Exhibit 1, District 1, these are very small pools and will almost, the production is almost to the stripper stage and none of the wells produce sufficient volumes of gas to be penalized.



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Q Referring to Exhibit 1, District 1, Mr. Ramey, will you please explain that exhibit to the Examiner, point out what it indicates?

A Yes. This lists the pools that are covered by this hearing in the Hobbs District, and it lists the pools, the number of wells, the top pool allowable, the number of top allowable wells, the daily production of oil and gas and producing GOR, and then the disposition of the gas.

Q Do you feel, Mr. Ramey that the information shown on this exhibit indicates that these are low productivity pools and that these wells are marginal or stripper wells?

A Yes, sir, with the exception of, well, the Hume-Queen; we have nine producing wells and the average per well production is 55 barrels per day, but this is on water-flood and the average gas production is only nine MCF per well per day.

Q So, it wouldn't be restricted in any event, would it, Mr. Ramey?

A No, it would not; none of them would be. I might point out there are some producing ratios which are in excess of 2,000. However, for example, this under the East Caprock-Wolfcamp, the oil production averages six barrels daily per well, and the gas production is 33 MCF per day, and before the well would be penalized for a high GOR the gas production

would have to be 228 MCF per day, so we're considerably below the allowable gas.

Q Mr. Ramey, as a supervisor of District One, and based upon your experience in that area, and knowledge concerning these various fields, and the information shown in your Exhibit 1, are you of the opinion that there's no longer a necessity for requiring annual GOR tests in any of these pools, and that they should be exempt from the requirements of Rule 301?

A Yes, sir, I don't think there's any need for gas-oil ratio tests. The allowables can be set, either by adjusting in our office or by the operator utilizing Form C127. The reservoir energy for the most part is depleted, so there wouldn't be any chance of anybody getting more than their fair share.

Q Am I also correct that this is also probably an economic burden on the operators that is not necessary?

A Yes, sir.

Q Was Exhibit 1, District 1 prepared by you or under your supervision?

A Yes, sir.

MR. DURRETT: If the Examiner please, I move the introduction of the Exhibit 1, District 1, and that concludes my examination of Mr. Ramey.

A I might state that this is August, 1964 production, that this exhibit was prepared on.

Q (By Mr. Durrett) Is that on your exhibit, Mr. Ramey?

A No.

Q Let's write that on there. August what?

A August, 1964, as reported in the statistical report of the New Mexico Oil and Gas Engineering Committee.

MR. UTZ: Without objection Exhibit 1, District 1 will be entered into the record of this case.

(Whereupon, Exhibit 1, District 1, was admitted in evidence.)

CROSS EXAMINATION

BY MR. UTZ:

Q Mr. Ramey, all wells listed on Exhibit 1 are oil pools, are they not?

A Yes, sir.

Q Do you know whether or not the gas connections on any of these wells are commingled with dry gas wells gas, this flash gas from dry gas wells?

A I doubt it, Mr. Utz. It's very possible, possibly down in the Teague Pools, but for the most part these are outside of the dry gas area.

Q If such were true, is it your recommendation that it be excluded from GOR tests in order to determine the volume of

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gas coming, the flash gas coming from dry gas wells in the system?

A I would say no. If they are being mixed with any flash gas perhaps we should continue the required tests on those.

Q In order to be able to estimate reasonably close the amount of flash gas coming from the gas wells?

A Yes, sir.

MR. PORTER: I have a question or two.

BY MR. PORTER:

Q Looking over your exhibit, I notice that most of these pools, just from memory, are quite old pools, and perhaps they're fully developed at this time, however, sometimes we do experience new development in an area where we thought development had reached it's limit. I wonder if you would recommend that the order be written in such a manner that if conditions warranted that the Commission could re-include any of these pools on the annual gas-oil ratio schedule if that became necessary or desirable?

A Yes, sir, I would recommend that it be written in that manner. I think for the most part that these are fully developed, but we have thought that before, as you have pointed out.

MR. PORTER: Over the years I have had occasion to

observe that a pool will be dormant as far as new development is concerned, and maybe sometimes for a period of ten years, and then they take off with new development. I believe that's all the questions I have, Mr. Utz.

MR. UTZ: Mr. Nutter.

BY MR. NUTTER:

Q Mr. Ramey, I note here on the first page of Exhibit 1, District 1, you have one pool which shows top allowable wells. That would be the Hume Queen. The top allowable production there is a result of the water-flood operations that are being conducted in that pool?

A Yes.

Q Normally it's expected that water-flood operations are being tested on a current basis and as a matter of fact this is necessary to fill out the Form C120 --

A Yes, sir.

Q --- which is the monthly report for water-flood operation. So these pools that are being water-flooded are not being exempted from taking tests on the wells. This is an exemption from 301 which is the gas-oil ratio test?

A That is correct, yes, sir.

Q Page 2, you show ten wells in the Lovington-San Andres Pool being top allowable wells. This is a result of water-flood operations, is this correct?

A Yes.

Q Is this an error in the San Andres Pool where it shows 38 top allowable wells?

A Yes, I believe that should be zero.

Q Another thing, Mr. Ramey, in some cases the Commission has authorized the commingling of oil from one pool with that from another pool, and in the event that a commingled installation include wells which are in one of these exempted pools, and the commingling order authorizes the commingling with the allocation of production to each of the pools on the basis of periodic test, you wouldn't want to preclude the taking of these tests that's required by the commingling orders.

A No, sir, certainly would not.

Q Only release the wells from the requirement of the gas-oil ratio test?

A That is correct.

MR. NUTTER: I believe that's all. Thank you.

MR. DURRETT: I have a little redirect examination I believe, in the light of some of the questions.

MR. UTZ: You may proceed, Mr. Durrett.

REDIRECT EXAMINATION

BY MR. DURRETT:

Q Do I understand correctly that you would recommend that the order include an exception for wells that are being



mixed for flash gas, is that correct? In other words, they would still have to take the test?

A Yes, sir.

Q Any well that is --

A I would suggest that I check to make sure that none of these are being comingled, none of the gas is being comingled with any flash gas. If it is, I suggest that we scratch these pools from the order.

Q Did you write on your exhibit, Mr. Ramey, the figure that we had awhile ago, August, 1964; if you didn't, will you do that now?

A Okay.

Q Would you also make a mark indicating the correct figure for the Young-San Andres number of top allowables; mark that on the exhibit.

A Yes. I'm sure that must have been a typographical error.

Q But that has been corrected now?

A Yes.

MR. UTZ: Are there any further questions of the witness? The witness may be excused.

(Witness excused.)

R. L. STAMETS, called as a witness, having been first duly sworn, testified as follows:

DIRECT EXAMINATION

BY MR. DURRETT:

Q Will you please state your name and position for the record?

A R. L. Stamets, Geologist, District 2, for the Oil Conservation Commission.

Q Mr. Stamets, have you been present during the course of this hearing concerning Case Number 3138, and have you heard Mr. Ramey testify concerning the reasons that the Commission required GOR tests?

A I have.

Q Are you in substantial agreement with his reasoning?

A I am.

Q Did you also hear his statements concerning the reason he felt these pools that are listed in the Hobbs District should be exempt from the GOR testing requirements?

A I did.

Q Do you recall that those same reasons would apply substantially to the wells shown on the docket concerning the Artesia District?

A Yes, I do..

Q Do you have an exhibit similar to the exhibit that Mr. Ramey has introduced?

A Yes, it is essentially similar to Mr. Ramey's exhibit.

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There are a few minor differences, which I will go into.

(Whereupon, Exhibit No. 1, District 2, marked for identification.)

Q How is that marked?

A Exhibit Number 1, District 2, Case 3138.

Q Would you please summarize that exhibit for the Examiner?

A This is a list of those pools which we feel should be exempted in our district, District 2, showing information as I will explain here. N. W. means number of well; ADP, average daily production; NMW, number of non-marginal well; GSU, gas sold or used; and total MCF, GPD. We have these figures for August, 1964 and October 1963, so that you can get a comparison of how these pools are running. The final column of remarks, we have various and sundry bits of information showing whether the pool is being water flooded; NERGP means not enough gas to run the pumps on the average well.

MR. UTZ: Do you have a nomenclature exhibit for this?

A We had a little too much information to get it all written down and on one sheet. That should cover the explanation of everything on there.

Q These are all low productivity pools shown on your exhibit?

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A Yes, sir. Of those pools which fall in the zero to 5,000 foot category of 38 barrels per day, the highest production is 12 barrels per day in the Dos Hermanos, Yates-North Seven Rivers Pool. Normally ten barrels a day is considered a stripper production. I have had an average in our District of from one to three barrels a day as being an economic limit on a well in this category.

Q So, you would consider all the wells in these pools to be stripper wells, marginal wells?

A With few exceptions.

Q On these exceptions, they wouldn't be penalized at any rate, under the present rules, would they?

A Under the gas-oil ratio test taken during the current year we have only one well which allowable is penalized, and it produced seven barrels a day, and it's penalized to six, and I doubt that it's making that.

Q Are any of the wells in these pools being mixed with flash gas?

A As far as I know they are not. I did not check into that, but I don't believe that they are. Most of these pools do not overlie gas pools.

Q So, you don't feel there would be any necessity to make any special provision in the order concerning flash gas?

A I certainly don't feel there is. I will do the same

as Mr. Ramey, check into this and if there is I will so notify this office within a week.

Q Do you have any typographical errors on your exhibit, Mr. Stamets?

A I don't know of any. I attempted to correct the same before I presented it. One never knows.

Q As a geologist in the Artesia District, Mr. Stamets, and based upon your Exhibit Number 1, District 2 in this case, and your knowledge of the pools in the area, are you of the opinion that there is no longer a necessity for requiring annual GOR tests in any of these pools, and that they should be exempt from the GOR testing requirement of Rule 301?

A I certainly do.

Q Was Exhibit 1 District 2 prepared by you, or under your supervision?

A Yes, it was.

MR. DURRETT: If the Examiner please, I move the introduction of Exhibit 1, District 2, and that will conclude my examination of Mr. Stamets.

MR. UTZ: Without objection Exhibit 1, District 2 will be entered into the record of this case.

(Whereupon, Exhibit 1, District 2, was admitted in evidence.)

CROSS EXAMINATION

BY MR. UTZ:

Q What's the nomenclature for WFD?

A Water flood. WTR is water.

Q Mr. Durrett asked you a question about the necessity of having a provision in the order requiring GOR tests on any wells or pools which might be connected to a commingled system with flash dry gas from dry gas pools. Such a provision in the order would not do any harm as far as these pools are concerned?

A No, sir.

Q In any event such an event would occur, is that correct?

A That's correct.

MR. UTZ: Are there any other questions of the witness?

BY MR. PORTER:

Q I believe you have 64 pools in here?

A Yes.

Q You have a total of three top allowable wells out of the 64 pools?

A There were in August, I don't think there are in September. I checked those, and I believe that there may be just one top allowable well in September.

Q I notice you have a figure of 45 barrels on the

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Chisum-Devonian, and 16 barrels on White Ranch-Devonian, but these pools have a depth factor?

A Yes, they do, depth factor and acreage factors, and they would be marginal comparatively.

Q The gas volumes are also small in those particular instances?

A Right.

MR. PORTER: Thank you.

MR. UTZ: Mr. Nutter.

BY MR. NUTTER:

Q Mr. Stamets, what about the case where you have high GOR wells in a pool, are you proposing to exempt the whole pool and not take any GOR tests on any of the wells?

A In District 2 for the wells which I have noted here, high gas-oil ratios have not been effective. The decrease in oil production has kept pace with the increase in gas-oil ratios such that no one is producing more than his fair share. When you go through and calculate them, the allowable always exceeds the amount that the well can actually produce.

Q So you have non-effective GORs, in other words?

A That's correct.

Q Are your answers to the questions which I asked Mr. Ramey substantially the same?

A I presume so. I don't recall any that I became



particularly alarmed about when you asked him.

Q Would you have objection to the order including a provision for the administrative reinstatement of these wells on GOR schedules, if it became desirable?

A I think that would be fine.

Q Without the necessity of a hearing?

A That would be fine.

Q You wouldn't have any objection to the continuance of the requirement for periodic well tests in those cases where the wells are being comingled with other production and allocation based on other tests?

A You mean periodic gas-oil ratio tests or periodic well tests?

Q Periodic well tests.

A As I understand the rules, the periodic well tests are required anyway, to determine the amount of production coming from a particular lease.

Q In other words, we would have a provision for periodic well tests?

A Yes, sir.

Q In those cases?

A Yes.

MR. NUTTER: I believe that's all. Thank you.

MR. UTZ: Are there any other questions of the witness?



The witness may be excused.

(Witness excused.)

MR. UTZ: Are there any other statements in this case?

MR. DURRETT: If the Examiner please, I would like to state for the record, we have a telegram from Skelly Oil Company, stating they have no objection to exempting any or all pools from the gas-oil ratio testing requirements of 301.

MR. PORTER: I believe we also had a communication from Humble which should have been presented.

MR. DURRETT: I believe there's a letter here, Mr. Porter. We do have a letter from Humble stating that they're in accordance to the Commission plan to eliminate gas-oil ratio testing in the pools as advertised.

MR. UTZ: If no further questions, the case will be taken under advisement.

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STATE OF NEW MEXICO )  
COUNTY OF BERNALILLO ) ss.

I, ADA DEARNLEY, Court Reporter, do hereby certify that the foregoing and attached transcript of proceedings before the New Mexico Oil Conservation Commission Examiner at Santa Fe, New Mexico, is a true and correct record to the best of my knowledge, skill and ability.

IN WITNESS WHEREOF I have affixed my hand and notarial seal this 17th day of November, 1964.

*Ada Dearnley*  
Notary Public - Court Reporter

My Commission Expires:  
June 19, 1967

I do hereby certify that the foregoing is a complete record of the proceedings in the Examiner Hearing of Case No. 3138 heard at Santa Fe, N.M. on Nov. 17, 1964.  
*[Signature]*  
Examiner  
New Mexico Oil Conservation Commission

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# Exhibit I Dist. I

*Trans. Co. of Oklahoma*

POOL	NO. WELLS	TOP POOL ALLOWABLE	NO. TOP ALLOW. WELLS	PER WELL DAILY PROD.		PROD. GOR	DISPOSITION OF GAS
				OIL	GAS		
Baish-Wolfcamp, North	1	178	0	16	31	1,875	Sold
Baum-Wolfcamp	1	144	0	23	29	1,243	Used on Lease
Bishop Canyon-Queen	1	38	0	20	17	858	Sold
Bowers-Seven Rivers	36	38	0	3	6	1,920	Sold
Caprock-Wolfcamp, East	2	114	0	6	33	5,660	Vented
CLR-San Andres	1	38	0	14	10	550	Used on Lease
Corbin-Queen, South	2	38	0	1	3	2,940	Used on Lease
Corbin-Yates	1	38	0	2	TSTM	--	--
Crossroads-Mississippian	1	257	0	13	TSTM	--	--
Crossroads-San Andres, West	1	38	0	0	0	--	-- P & A
Dollarhide-Queen	42P 271	38	0	3	10	2,980	Sold Water-flood
Dublin-Devonian	2	144	0	4	5	1,190	Vented
Echols-Devonian, East	1	257	0	13	3	240	Sold
Echols-Devonian, North	1	257	0	12	NONE	--	--
Eidson-Pennsylvanian	8	178	0	6	13	2,320	Sold
Elliott-Abo	3	89	0	13	25	1,890	Vented
Field Ranch-Wolfcamp	1	144	0	9	4	440	Vented
Gladiola-Wolfcamp, South	1	144	0	12	15	1,240	Used on Lease
Hume-Queen	9P 141	38	4	55	9	163	Sold Water-flood
Hume-Queen, West	2	38	0	11	TSTM	--	--

BEFORE EXAMINER UTZ  
OIL CONSERVATION COMMISSION  
EXHIBIT NO. *84/20.1*  
CASE NO. *178*

POOL	NO. WELLS	TOP POOL ALLOWABLE	NO. TOP ALLOW. WELLS	PER WELL DAILY PROD.		PROD. COR	DISPOSITION OF GAS
				OIL	GAS		
Jenkins-Devonian	1	257	0	3	TSTM	--	--
Jenkins-San Andres	2	38	0	12	TSTM	--	--
King-Wolfcamp	3	178	0	14	12	890	Sold
Lea-Yates	1	38	0	3	TSTM	--	--
Littman-San Andres	8	38	0	6	3	580	Used on Lease
Lone-Wolfcamp	1	89	0	9	16	1,850	Vented
Lovington-San Andres	40P 141	38	10	22	10	410	Sold Water-flood
Lovington-San Andres, West	38P 191	38	0	8	8	1,010	Sold Water-flood
Lynch-Yates, Middle	1	38	0	3	TSTM	--	--
Pearl-Pennsylvanian	1	257	0	7	11	1,500	Sold
Querecho Plains-Bone Springs	1	114	0	10	7	665	Used on Lease
Querecho Plains-Delaware	1	68	0	2	TSTM	--	--
Querecho Plains-Yates	1	38	0	7	TSTM	--	--
Teague-Devonian	3	89	0	11	2	60	Sold
Teague-Ellenburger	4	144	0	20	8	400	Used on Lease
Teague-Simpson	8	144	0	6	16	2,760	Sold
Warren-Abo	1	89	0	4	TSTM	--	--
Williams-Pennsylvanian, North	1	216	0	1	8	12,900	Vented
Young-San Andres	3	38	<del>38</del> 0	2	3	1,500	Sold

Exhibit No. I District II, Case No. 3138

August, 1964

October, 1963

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
POOL NAME	NW	ADP	NMW	GSU	TOTAL MCFGPD	NW	ADP	NMW	GSU	total MCFGPD	REMARKS
Atoka-San Andres	70	8	1	90%	1120	68	9	0	yes	1183	
Atoka-Grayburg	8	1	0	99%	21	8	3	0	yes	3	
Benson-Yates East	3	4	0	-	NR	4	4	0	-	NR	
Bitter Lakes-San Andres, South	17	2	0	-	NR	15	2	0	-	NR	33% wfd. NEGRP
Bitter Lakes-San Andres, West	2	2	0	-	NR	2	0	0	-	NR	99% wfd. NEGRP
Brown-C, Gbr.	5	2	0	-	NR	6	2	0	-	NR	
Brushy Draw-Delaware	8	6	0	60-70%	31	8	9	0	-	44	
Canyon-Wolfcamp	1	7	0	-	NR	1	9	0	-	NR	
Carlsbad-Delaware	1	0	0	0	NR	1	1	0	-	NR	
Cass Draw-Delaware	1	5	0	-	NR	1	9	0	-	NR	
Cave-Grayburg	25	4	0	100%	80	57	1	0	part	28	
Cave-San Andres West	1	2	0	-	NR	1	2	0	-	NR	99% wfd. NEGRP
Cedar Lake-Cisco	1	4	0	100%	0.2	1	14	0	yes	12	
Chisum-Devonian	1	45	0	-	TSTM	1	50	0	-	NR	
Corral Canyon-Delaware	7	6	0	30%	16	7	9	0	-	25	Prod 75% wtr
Cotton Draw-Brushy Canyon	1	5	0	100%	8	1	11	0	-	7	Prod 75% wtr
Coyote-Queen	30	2	0	-	NR	38	3	0	-	NR	
Dark Canyon-Delaware	1	4	0	-	NR	1	6	0	-	NR	
Dayton-Abo	5	5	0	100%	61	7	7	0	yes	66	Prod 60% wtr NEGRP
Dayton-Grayburg, East	7	2	0	0	2	7	3	0	-	2	
Dayton-San Andres, West	1	0	0	-	NR	Created 4-1-64					1964 prod. about 2 BPM
Diablo-San Andres	3	2	0	-	NR	3	1	0	-	NR	
Dog Canyon-Grayburg	5	5	0	-	21	7	3	0	-	24	Gas non merchantable
Dos Hermanos-Yates-Seven Rivers	13	12	0	-	NR	16	11	0	-	NR	Prod 96% wtr NEGRP
Eagle Creek-San Andres	2	2	0	-	NR	3	1	0	-	NR	
Empire-Paddock	1	11	0	100%	35	1	11	0	yes	35	
Empire-Yates-Seven-Rivers, East	2	3	0	100%	33	2	8	0	yes	28	
Four Mile Draw-San Andres	1	1	0	-	NR	1	1	0	-	NR	Prod 66% wtr
Fren Paddock	1	1	0	0	2	1	2	0	-	3	Prod 66% wtr
Hackberry-Seven Rivers	3	7	0	-	NR	3	10	0	-	NR	Prod 73% wtr
Hackberry Yates, North	38	10	1	26%	132	43	12	5	-	151	
L E Ranch-San Andres	2	2	0	-	NR	2	12	0	-	NR	Prod 50% wtr NEGRP

BEFORE EXAMINER UTZ  
CIL CONSERVATION COMMISSION  
EXHIBIT NO. 6x1-D-2  
CASE NO. 3138

August, 1964						October, 1963						(12)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)		
POOL NAME	NW	ADP	NMW	GSU	TOTAL MCFGPD	NW	ADP	NMW	GSU	TOTAL MCFGPD	REMARKS	
Leo-Queen-Gbr. South	3	3	0	-	NR	3	1	0	-	NR	NEGRP	
Leslie-Spring-San Andres	2					Created 11-1-64						
Linda-San Andres	9	4	0	-	NR	1	11	0	-	NR		
Loco Hills-San Andres, South	1	4	0	-	NR	1	3	0	-	NR		
Logan Draw-San Andres	2	2	0	-	NR	2	2	0	-	NR	NEGRP	
Malaga Delaware	20	2	0	100%	4	20	2	0	yes	5	Prod 67% wtr	
McMillan-Seven Rivers-Queen, E	1	-				Created 11-1-64						
Millman-Seven Rivers, East	25	2	0	100%	32	24	4	0	part	70	*economic limit 1 BOPD	
Palmillo-Seven Rivers,	1	2	0	100%	NR	1	9	0	yes	5	has been producing about 4 MCFPD	
Parallel-Delaware	2	8	0	99%	14	2	9	0	-	15		
Pecos-Delaware	2	5	0	0	5	2	5	0	-	10		
Pecos-San Andres	1	2	0	-	NR	2	1	0	-	NR	NEGRP	
Penasco-San Andres	1	3	0	-	NR	1	5	0	-	NR		
Penasco-Wolfcamp	1	1	0	-	NR	1	2	0	-	NR		
Quahada Ridge-Delaware	1	4	0	100%	4	1	4	0	-	5		
Red Hills-Yates	2	2	0	-	NR	4	2	0	-	NR		
Red Lake-Queen-Gbr. East	31	2	0	99%	505	35	3	0	yes	676	2 Gas wells in oil pool prod.177 N	
Red Lake-Seven Rivers, South	1	2	0	100%	2	Created 1-1-64						
Remuda-Wolfcamp	1	6	0	-	TSTM	1	7	0	-	NR		
Round Tank-San Andres	14	2	0	74%	30	16	3	0	-	56	25% wfd.	
Saladar-Yates	7	4	0	38%	3	9	4	0	-	4		
Sand Tank-Queen	1	7	0	-	NR	1	11	0	-	NR		
Shugart-Bone Springs	1	38	0	100%	19	1	53	0	-	13		
Shugart Wolfcamp	1	1	0	100%	83	1	1	0	yes	106		
Square Lake-Grayburg-SA, North	44	7	1	99%	725	47	12	2	yes	980	No NMW in Sept.	
Sulphate Draw-Delaware	1	5	0	0	2	Created 4-1-64						
Twin Lakes-Devonian	2	30	0	13%	67	2	6	0	yes	258		
U.S. Delaware	1	3	0	100%	3	1	5	0	-	5		
Welch Delaware	4	4	0	0	NR	4	7	0	-	NR		
White Ranch-Dev. West	1	61	0	-	NR	1	53	0	-	5	75% wtr	
White Ranch Siluro-Dev.	2	17	0	-	NR	2	20	0	-	NR	97% wtr.	
Windmill-San Andres	1	2	0	-	NR	1	3	0	-	NR		