

PROPOSED RULE CHANGES

Case 9231

A) The contraction of the Wantz Abo Pool by the deletion of the following described area:

TOWNSHIP 22 SOUTH, RANGE 37 EAST

Section 1: SE/4, W/2 SW/4, and NE/4 SW/4

Section 12: S/2 NE/4, NE/4 NE/4

TOWNSHIP 22 SOUTH, RANGE 38 EAST

Section 6: S/2

Section 7: N/2

B) The contraction of the Drinkard Pool by the deletion of the following described area:

TOWNSHIP 22 SOUTH, RANGE 37 EAST

Section 1, 12, 13, 24, 25, and 36: All

TOWNSHIP 22 SOUTH, RANGE 38 EAST

Section 6: SW/4

Section 17: SE/4 and W/2

Section 21: W/2 W/2

Section 28: W/2 W/2 and Lots 1, 2, 3, 4

Section 33: W/2 W/2 and Lots 1, 2, 3, 4

Section 7, 18, 19, 20, 29, 30, 31, and 32: All

TOWNSHIP 23 SOUTH, RANGE 38 EAST

Section 4: Lots 2, 3

Section 5 and 6: All

Section 7: E/2

Section 18: N/2 NE/4

C) The abolishment of the Amanda Gas Pool consisting of the following described area:

TOWNSHIP 22 SOUTH, RANGE 37 EAST

Section 25: All

D) Extend the horizontal limits of the South Brunson Abo Pool to include the following:

TOWNSHIP 22 SOUTH, RANGE 37 EAST

Section 1, 12, 13, 24, 25, 36: All

TOWNSHIP 22 SOUTH, RANGE 38 EAST

Section 6: S/2

Section 17: SE/4 and W/2

Section 21: W/2 W/2

Section 28: W/2 W/2 and Lots 1, 2, 3, 4

Section 30: W/2

Section 7, 18, 19, 20, 29: All

TOWNSHIP 23 SOUTH, RANGE 38 EAST

Section 4: Lots 2, 3

Section 5 and 6: All

Section 7: E/2

Section 18: N/2 NE/4

E) Extend the vertical limits of the South Brunson Abo Pool to include the Drinkard formation and redesignate the pool as the South Brunson Drinkard Abo Pool.

F) Special Pool Rules - Drinkard

- 1) In addition to special pool rules already established for the Drinkard pools, the following special rules are established.
  - a) Designate cross-sections AA', A'A'', BB', and CC' as type cross-sections for the Drinkard Pool. All future completions and recompletions of wells must conform to the type cross-sections.
  - b) Order R-4635 granted approval to Drinkard wells with perforations not more than 35 feet upward into the lowermost portion of the Tubb Gas Pool. Revise this to include Drinkard wells with perforations not more than 35 feet downward into the uppermost portion of the Wantz Abo Pool. (see List 1)
  - c) Over the years, several wells have been perforated more than 35' out of zone. It would be uneconomical to require that these zones be squeezed. An exception will be granted for these wells listed in List 2. The operator of any wells which may be out of zone in accordance with the type cross-sections and omitted from Lists 1 and 2 shall have 60 days to apply for an exception to the vertical limits from the Hobbs district office. To obtain such letter of approval, the operator of a well shall request same in writing. A copy of the request shall be furnished to offset operators to the subject well. The District Supervisor, in the absence of objection and if he deems same prudent, may issue the letter of approval. Otherwise, the matter will be set for hearing if the applicant so requests.

G) Special Pool Rules - Wantz Abo

- 1) In addition to special pool rules already established for the Drinkard pools, the following rules are established.

- a) Designate cross-sections AA', A'A", BB', and CC' as type cross-sections for the Wantz Abo Pool.
- b) Grant approval to Wantz Abo wells with perforations not more than 35 feet upward into the lowermost portion of the Drinkard Pool. (see List 3)  
All future completions and recompletions will be required to comply with the formation tops defined on the type cross-sections.
- c) The operator of any well which may be out of zone in accordance with the type cross-section and omitted from List 3 shall have 60 days to apply for an exception to the vertical limits from the Hobbs district office. To obtain such letter of approval, the operator of a well shall request same in writing. A copy of the request shall be furnished to offset operators to the subject well. The District Supervisor, in the absence of objection and if he deems same prudent, may issue the letter of approval. Otherwise, the matter will be set for hearing if the applicant so requests.

H) Special Pool Rules - South Brunson Drinkard Abo Pool

- 1) Designate cross-section DD' as the type cross-section for the South Brunson Drinkard Abo Pool. Require that all future completions and recompletions comply with type cross-section.
- 2) Order R-4635 granted approval to Drinkard wells with perforations not more than 35 feet upward into the lowermost portion of the Tubb Gas Pool. Therefore, the wells listed in List 4 are granted exceptions.  
  
There are 3 wells perforated more than 35 feet into the Tubb Gas Pool. It would be uneconomical to require that these zones be squeezed. An exception is granted for these wells listed in List 5.
- 3) The operator of any well which may be out of zone in accordance with the type cross-section and omitted from Lists 4 and 5 shall have 60 days to apply for an exception to the vertical limits from the Hobbs district office. To obtain such letter of approval, the operator of a well shall request same in writing. A copy of the request shall be furnished to offset operators to the subject well. The District Supervisor, in the absence of objection and if he deems same prudent, may issue the letter of approval. Otherwise, the matter will be set for hearing if the applicant so requests.
- 4) Establish a GOR limit of 6000 for the South Brunson Drinkard Abo Pool. This is the same GOR limit currently in effect for the Drinkard and Wantz Abo Pools.

5) Allowable Determination

In the event different operators may have the rights to Drinkard and Abo formations within the same proration unit, the allowable will be determined based on the following.

- a) If the combined production total of both wells exceeds the top allowable, the allowable for each well will be determined based on percentage.

% Allowable Formulas

$$\text{Allowable Drinkard Formation} = 142 \left( \frac{A}{A+B} \right)$$

$$\text{Allowable Abo Formation} = 142 \left( \frac{B}{A+B} \right)$$

Where A = amount produced from Drinkard formation during the annual 24 hour test

B = amount produced from Abo formation during the annual 24 hour test

After % allowable determined, any limit based on GOR will be applied.

- b) If the combined production total of both wells is equal to or less than the top allowable, the allowable will be based on the number of barrels produced during the 24 hour test minus any limit, if applicable, based on GOR.
- c) The results of the GOR test will be used for annual 24 hour oil production test. The operator having the right to the other zone shall have the right to witness these tests. A change in allowable may be requested by submitting a new C-116 to the Hobbs district office. The other operator shall be notified prior to testing and shall have the right to witness the test.

## LIST 1

DRINKARD POOL STUDY. WELLS OUT OF ZONE BY OPERATOR. PERFS WITHIN 35' OUT OF ZONE

OPERATOR	LEASE	NUM	U	SEC	TWN	s	RNG	e	OPEN PERFS
Amerada Hess	E Wood	9	G	22	22	s	37	e	6234-6441
"	E W Walden	7	N	15	22	s	37	e	6282-6386
"	State DA	4	I	16	21	s	37	e	6406-6501
ARCO O & G	Roy Barton	2	B	23	21	s	37	e	6407-6595
"	State 157 D	9	P	12	22	s	36	e	6490-6611
"	State 367	1	M	36	21	s	37	e	6297-6489
Campbell & Hedrick	W E Lee	3	C	20	21	s	37	e	6450-6604
Chevron USA	CDU	427	G	29	21	s	37	e	6370-6488
"	"	429	G	32	21	s	37	e	6319-6504
"	"	431	K	33	21	s	37	e	6290-6311
"	"	432	P	29	21	s	37	e	6297-6360
"	Eubank	2	A	22	21	s	37	e	6360-6432
"	"	4	H	22	21	s	37	e	6356-6444
"	H T Mattern NCT-B	17	C	31	21	s	37	e	6488-6731
"	R E Cole NCT-A	4	A	16	22	s	37	e	6318-6584
"	"	11	J	16	22	s	37	e	6325-6572
Cities Service O & G	Brunson B	2	K	3	22	s	37	e	6302-6565
Conoco	Elliott B-15	1	G	15	22	s	37	e	6253-6321
"	Hawk A	8	A	8	21	s	37	e	6573-6770
"	Hawk B-1	16	N	8	21	s	37	e	6533-6790
"	Lockhart B-13 A	9	N	13	21	s	37	e	6578-6873
Elliott Oil	Elliott B	4	L	1	21	s	37	e	6664-6962
Exxon	F F Hardison B	3	G	34	21	s	37	e	6303-6394
"	"	5	O	27	21	s	37	e	6288-6570
Hendrix, John H.	Brunson C	4	J	3	22	s	37	e	6475-6561
"	"	5	O	3	22	s	37	e	6249-6544
"	"	6	I	3	22	s	37	e	6450-6550
"	S E Long	2	J	11	22	s	37	e	6206-6475
Martindale	Little V	4	P	7	22	s	37	e	6375-6612
Shell	Livingston	3	W	3	21	s	37	e	6450-6750
"	State 15	4	H	15	21	s	37	e	6397-6663
Summit Energy	Gulf Drinkard	1	M	30	22	s	38	e	6246-6480
Texaco	A H Blinebry NCT-2	2	N	29	22	s	38	e	6338-7368
"	C P Falby A	3	F	8	22	s	37	e	6343-6555
"	C P Falby B	4	L	8	22	s	37	e	6353-6536

## LIST 2

DRINKARD POOL STUDY. WELLS WITH PERFS MORE THAN 35' OUT OF DRINKARD POOL

OPERATOR	LEASE	NUM	U	SEC	TWN	s	RNG	e	OPEN PERFS
Amerada Hess	E W Walden	6	M	15	22	s	37	e	6273-6383
Amoco	Grizzell B	4	G	8	22	s	37	e	6423-6686
ARCO O & G	S J Sarkeys	3	I	23	21	s	37	e	6280-6672
Bravo Operating	Federal 7	1	D	7	21	s	38	e	6597-7015
Campbell & Hedrick	Elliott	2	H	6	23	s	38	e	6763-6798
Chevron USA	CDU	411	B	28	21	s	37	e	6311-6554
"	Evelyn Lineberry	3	L	29	22	s	38	e	6630-7163
"	R E Cole NCT-A	9	N	16	22	s	37	e	6357-6887
"	"	13	O	16	22	s	37	e	6453-6889
"	Scarborough Estate	3	I	31	22	s	38	e	6354-6844
"	T R Andrews	3	J	32	22	s	38	e	6890-7064
"	"	7	P	32	22	s	38	e	6932-7087
"	Watkins	2	P	29	22	s	38	e	6407-7135
Cities Service O & G	Brunson B	3	M	3	22	s	37	e	6228-6490
Conoco	Lockhart B-14 A	1	H	14	21	s	37	e	6487-6563
Hendrix, John H	Cossatot F	3	D	23	22	s	37	e	6201-6930
"	"	4	F	23	22	s	37	e	6190-6897
"	"	5	E	23	22	s	37	e	6233-7148
"	Western Fed	1	D	5	23	s	38	e	6536-6982
Hunt, N B	Weatherly	2	D	21	21	s	37	e	6280-6318
"	"	3	C	21	21	s	37	e	6228-6600
"	"	5	E	21	21	s	37	e	6338-6636
"	"	6	F	21	21	s	37	e	6323-6612
Kirby Exploration	Art Yeager	1	J	25	21	s	37	e	6532-6904
"	Elliott Fields	1	U	6	21	s	38	e	6722-7048
"	Gulf Sarkeys	2	F	25	21	s	37	e	6475-6849
"	McAllister	1	C	7	22	s	38	e	6481-6859
"	Rosa Lee Fed	1	F	19	21	s	38	e	6712-6938
"	Royalty Holding	3	H	25	21	s	37	e	6643-7073
MKA Oil Prop.	Penrose	1	F	9	22	s	37	e	6278-7046
Southland Royalty	State	1	M	2	21	s	37	e	6495-6623
"	"	2	E	2	21	s	37	e	6525-6795
"	"	7	C	2	21	s	37	e	6538-6866
Summit Energy	Drinkard Estate	4	H	25	22	s	37	e	6205-7166
"	"	7	H	25	22	s	37	e	6662-7264



LIST 2 (cont.)

Sun E & P	Eva Owens	1	D	3	22	s	37	e	6235-6554
Texaco	C P Falby A	1	C	8	22	s	37	e	6310-6565
"	C P Falby B	1	K	8	22	s	37	e	6327-6538
Texan Petroleum	Lineberry	1	E	5	23	s	38	e	6231-6635
Wagner & Brown	Walden	1	A	21	22	s	37	e	6236-6540
Yarborough, W B	L E Grizzell	3	A	8	22	s	37	e	6251-6376

## LIST 3

WANTZ ABO POOL. WELLS PRODUCING OUT OF ZONE

<u>OPERATOR</u>	<u>LEASE</u>	<u>NUM</u>	<u>U</u>	<u>SEC</u>	<u>TWN</u>	<u>s</u>	<u>RNG</u>	<u>e</u>	<u>OPEN</u>	<u>PERFS</u>
ARCO O & G	Eva Owens	4	N	25	21	s	37	e	6717-7228	
Chevron USA	S J Sarkeys	2	E	25	21	s	37	e	6749-7361	
Conoco	Hawk B-10	4	H	10	21	s	37	e	6721-7366	
"	Lockhart B-11	3	E	11	21	s	37	e	6727-7370	
Exxon	Wantz Fed	4	Q	1	21	s	37	e	7068-7693	
Marathon	Mark Owen	8	M	35	21	s	37	e	6524-7011	

LIST 4

SOUTH BRUNSON DRINKARD, ABO WELLS 35' WITHIN TUBB POOL

OPERATOR	LEASE	NUM	U	SEC	TWN	s	RNG	e	OPEN PERFS
Hanson Operating	Max Gutman	7	D	19	22	s	38	e	6270-7135
Hendrix, John H	Cossatot A	1	B	12	22	s	37	e	6310-6916
"	Cossatot B	2	M	12	22	s	37	e	6247-6980
"	Cossatot C	4	O	24	22	s	37	e	6218-7090
"	Cossatot G	1	F	13	22	s	37	e	6246-7014
"	Cossatot H	1	L	13	22	s	37	e	6233-6981
"	Cossatot H	2	K	13	22	s	37	e	6262-7095
"	Cossatot I	1	D	13	22	s	37	e	6233-6968
"	Lee	2	P	23	22	s	37	e	6255-6886
Texaco	C H Lockhart Fed NCT-1	9	I	18	22	s	38	e	6411-7210

LIST 5

SOUTH BRUNSON ABO. DRINKARD WELLS MORE THAN 35' OUT OF ZONE

<u>OPERATOR</u>	<u>LEASE</u>	<u>NUM</u>	<u>U</u>	<u>SEC</u>	<u>TWN</u>	<u>s</u>	<u>RNG</u>	<u>e</u>	<u>OPEN</u>	<u>PERFS</u>
Exxon	N G Penrose	3	G	13	22	s	37	e	6256-6953	
Hendrix, John H	Cossatot C	2	I	24	22	s	37	e	6225-6909	
Phillips	New Mexico D	1	H	36	22	s	37	e	6036-6730	



STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT  
OIL CONSERVATION DIVISION  
HOBBS DISTRICT OFFICE

*Case  
File*

GARREY CARRUTHERS  
GOVERNOR

POST OFFICE BOX 1980  
HOBBS, NEW MEXICO 88241-1980  
(505) 393-6161

MEMORANDUM TO:

FROM: Jerry Sexton, Supervisor - District I  
DATE: August 13, 1987

*Case 923 >*

The New Mexico Oil Conservation Division will be convening a second meeting on the Drinkard, Wantz Abo, and South Brunson pools. The meeting will be held at the Meeting Room of the Hobbs Public Library in Hobbs, New Mexico at 9:00 A.M. on September 16, 1987. At this meeting, we will discuss and review the proposed cross-section and proposed rule changes.

At the last meeting on the Drinkard, Wantz Abo, and South Brunson Abo Pools, the OCD requested that certain information be filled out and submitted back to the OCD. We received 21 responses to this survey. These 21 operators represent 67.5% of all the producing wells in these 3 pools and accounts for 85.5% of all the producing wells in the proposed new South Brunson Pool (Solution II).

The following is a summary of the results of this survey.

Solution I: Yes 6 No 5

- 1) "Grandfather" all 194 wells which are out of zone.
- 2) Change GOR limit to 6000 for all three pools.
- 3) Establish type cross-section to be used for future wells.

Solution II: Yes 12 No 3

- 1) Contract certain areas in the Wantz Abo and Drinkard Pools.

(continued)

Solution II (continued)

- 2) Extend South Brunson Abo to include those areas contracted and extend the vertical limits of the South Brunson to include the Drinkard and Abo formations.
- 3) Change GOR limit for South Brunson to 6000.
- 4) "Grandfather" remaining wells which are more than 35' out of zone (35 wells).
- 5) Establish type cross-section to be used for future wells.

Form Industry Committee      Yes 8      No 10

The major concern expressed in the comments was related to Solution II and the extension of the South Brunson Pool to include both the Abo and Drinkard. This concern dealt with how to handle the possibility that one operator may not have the rights to both zones.

We feel that this possible problem could be addressed in the Special Pool Rules for the New South Brunson Pool. Attached is the proposed rule changes for the Drinkard, Wantz Abo, and South Brunson Pools.

The proposed type cross-sections have been prepared. These cross-sections can be seen at the OCD office in Hobbs or obtained at Superior Reproduction in Hobbs.

At this meeting a decision will be made on whether or not to ask for a hearing or decide on another possible step.

Enclosures:

Proposed Rule Changes

Lists 1-5 (for Wells Out of Zone)

PROPOSED RULE CHANGES

A) The contraction of the Wantz Abo Pool by the deletion of the following described area:

TOWNSHIP 22 SOUTH, RANGE 37 EAST

Section 1: SE/4, W/2 SW/4, and NE/4 SW/4

Section 12: S/2 NE/4, NE/4 NE/4

TOWNSHIP 22 SOUTH, RANGE 38 EAST

Section 6: S/2

Section 7: N/2

B) The contraction of the Drinkard Pool by the deletion of the following described area:

TOWNSHIP 22 SOUTH, RANGE 37 EAST

Section 1, 12, 13, 24, 25, and 36: All

TOWNSHIP 22 SOUTH, RANGE 38 EAST

Section 6: SW/4

Section 17: SE/4 and W/2

Section 21: W/2 W/2

Section 28: W/2 W/2 and Lots 1, 2, 3, 4

Section 33: W/2 W/2 and Lots 1, 2, 3, 4

Section 7, 18, 19, 20, 29, 30, 31, and 32: All

TOWNSHIP 23 SOUTH, RANGE 38 EAST

Section 4: Lots 2, 3

Section 5 and 6: All

Section 7: E/2

Section 18: N/2 NE/4

C) The abolishment of the Amanda Gas Pool consisting of the following described area:

TOWNSHIP 22 SOUTH, RANGE 37 EAST

Section 25: All

D) Extend the horizontal limits of the South Brunson Abo Pool to include the following:

TOWNSHIP 22 SOUTH, RANGE 37 EAST

Section 1, 12, 13, 24, 25, 36: All

TOWNSHIP 22 SOUTH, RANGE 38 EAST

Section 6: S/2

Section 17: SE/4 and W/2

Section 21: W/2 W/2

Section 28: W/2 W/2 and Lots 1, 2, 3, 4

Section 30: W/2

Section 7, 18, 19, 20, 29: All

TOWNSHIP 23 SOUTH, RANGE 38 EAST

Section 4: Lots 2, 3

Section 5 and 6: All

Section 7: E/2

Section 18: N/2 NE/4

E) Extend the vertical limits of the South Brunson Abo Pool to include the Drinkard formation and redesignate the pool as the South Brunson Drinkard Abo Pool.



F) Special Pool Rules - Drinkard

- 1) In addition to special pool rules already established for the Drinkard pools, the following special rules are established.

- a) Designate cross-sections AA', A'A'', BB', and CC' as type cross-sections for the Drinkard Pool. All future completions and recompletions of wells must conform to the type cross-sections.
- b) Order R-4635 granted approval to Drinkard wells with perforations not more than 35 feet upward into the lowermost portion of the Tubb Gas Pool. Revise this to include Drinkard wells with perforations not more than 35 feet downward into the uppermost portion of the Wantz Abo Pool. (see List 1)
- c) Over the years, several wells have been perforated more than 35' out of zone. It would be uneconomical to require that these zones be squeezed. An exception will be granted for these wells listed in List 2. The operator of any wells which may be out of zone in accordance with the type cross-sections and omitted from Lists 1 and 2 shall have 60 days to apply for an exception to the vertical limits from the Hobbs district office. To obtain such letter of approval, the operator of a well shall request same in writing. A copy of the request shall be furnished to offset operators to the subject well. The District Supervisor, in the absence of objection and if he deems same prudent, may issue the letter of approval. Otherwise, the matter will be set for hearing if the applicant so requests.

G) Special Pool Rules - Wantz Abo

- 1) In addition to special pool rules already established for the Drinkard pools, the following rules are established.

- a) Designate cross-sections AA', A'A", BB', and CC' as type cross-sections for the Wantz Abo Pool.

- b) Grant approval to Wantz Abo wells with perforations not more than 35 feet upward into the lowermost portion of the Drinkard Pool. (see List 3)

All future completions and recompletions will be required to comply with the formation tops defined on the type cross-sections.

- c) The operator of any well which may be out of zone in accordance with the type cross-section and omitted from List 3 shall have 60 days to apply for an exception to the vertical limits from the Hobbs district office. To obtain such letter of approval, the operator of a well shall request same in writing. A copy of the request shall be furnished to offset operators to the subject well. The District Supervisor, in the absence of objection and if he deems same prudent, may issue the letter of approval. Otherwise, the matter will be set for hearing if the applicant so requests.

H) Special Pool Rules - South Brunson Drinkard Abo Pool

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- 4) Establish a GOR limit of 6000 for the South Brunson Drinkard Abo Pool. This is the same GOR limit currently in effect for the Drinkard and Wantz Abo Pools.

5) Allowable Determination

In the event different operators may have the rights to Drinkard and Abo formations within the same proration unit, the allowable will be determined based on the following.

- a) If the combined production total of both wells exceeds the top allowable, the allowable for each well will be determined based on percentage.

% Allowable Formulas

$$\text{Allowable Drinkard Formation} = 142 \left( \frac{A}{A+B} \right)$$

$$\text{Allowable Abo Formation} = 142 \left( \frac{B}{A+B} \right)$$

Where A = amount produced from Drinkard formation  
during the annual 24 hour test

B = amount produced from Abo formation  
during the annual 24 hour test

After % allowable determined, any limit based on GOR will be applied.

- b) If the combined production total of both wells is equal to or less than the top allowable, the allowable will be based on the number of barrels produced during the 24 hour test minus any limit, if applicable, based on GOR.
- c) The results of the GOR test will be used for annual 24 hour oil production test. The operator having the right to the other zone shall have the right to witness these tests. A change in allowable may be requested by submitting a new C-116 to the Hobbs district office. The other operator shall be notified prior to testing and shall have the right to witness the test.

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"	State DA	4	I	16	21	s	37	e	6406-6501
ARCO O & G	Roy Barton	2	B	23	21	s	37	e	6407-6595
"	State 157 D	9	P	12	22	s	36	e	6490-6611
"	State 367	1	M	36	21	s	37	e	6297-6489
Campbell & Hedrick	W E Lee	3	C	20	21	s	37	e	6450-6604
Chevron USA	CDU	427	G	29	21	s	37	e	6370-6488
"	"	429	G	32	21	s	37	e	6319-6504
"	"	431	K	33	21	s	37	e	6290-6311
"	"	432	P	29	21	s	37	e	6297-6360
"	Eubank	2	A	22	21	s	37	e	6360-6432
"	"	4	H	22	21	s	37	e	6356-6444
"	H T Mattern NCT-B	17	C	31	21	s	37	e	6488-6731
"	R E Cole NCT-A	4	A	16	22	s	37	e	6318-6584
"	"	11	J	16	22	s	37	e	6325-6572
Cities Service O & G	Brunson B	2	K	3	22	s	37	e	6302-6565
Conoco	Elliott B-15	1	G	15	22	s	37	e	6253-6321
"	Hawk A	8	A	8	21	s	37	e	6573-6770
"	Hawk B-1	16	N	8	21	s	37	e	6533-6790
"	Lockhart B-13 A	9	N	13	21	s	37	e	6578-6873
Elliott Oil	Elliott B	4	L	1	21	s	37	e	6664-6962
Exxon	F F Hardison B	3	G	34	21	s	37	e	6303-6394
"	"	5	O	27	21	s	37	e	6288-6570
Hendrix, John H.	Brunson C	4	J	3	22	s	37	e	6475-6561
"	"	5	O	3	22	s	37	e	6249-6544
"	"	6	I	3	22	s	37	e	6450-6550
"	S E Long	2	J	11	22	s	37	e	6206-6475
Martindale	Little V	4	P	7	22	s	37	e	6375-6612
Shell	Livingston	3	W	3	21	s	37	e	6450-6750
"	State 15	4	H	15	21	s	37	e	6397-6663
Summit Energy	Gulf Drinkard	1	M	30	22	s	38	e	6246-6480
Texaco	A H Blinebry NCT-2	2	N	29	22	s	38	e	6338-7368
"	C P Falby A	3	F	8	22	s	37	e	6343-6555
"	C P Falby B	4	L	8	22	s	37	e	6353-6536

LIST 2

DRINKARD POOL STUDY. WELLS WITH PERFS MORE THAN 35' OUT OF DRINKARD POOL

OPERATOR	LEASE	NUM	U	SEC	TWN	s	RNG	e	OPEN PERES
Amerada Hess	E W Walden	6	M	15	22	s	37	e	6273-6383
Amoco	Grizzell B	4	G	8	22	s	37	e	6423-6686
ARCO O & G	S J Sarkeys	3	I	23	21	s	37	e	6280-6672
Bravo Operating	Federal 7	1	D	7	21	s	38	e	6597-7015
Campbell & Hedrick	Elliott	2	H	6	23	s	38	e	6763-6798
Chevron USA	CDU	411	B	28	21	s	37	e	6311-6554
"	Evelyn Lineberry	3	L	29	22	s	38	e	6630-7163
"	R E Cole NCT-A	9	N	16	22	s	37	e	6357-6887
"	"	13	O	16	22	s	37	e	6453-6889
"	Scarborough Estate	3	I	31	22	s	38	e	6354-6844
"	T R Andrews	3	J	32	22	s	38	e	6890-7064
"	"	7	P	32	22	s	38	e	6932-7087
"	Watkins	2	P	29	22	s	38	e	6407-7135
Cities Service O & G	Brunson B	3	M	3	22	s	37	e	6228-6490
Conoco	Lockhart B-14 A	1	H	14	21	s	37	e	6487-6563
Hendrix, John H	Cossatot F	3	D	23	22	s	37	e	6201-6930
"	"	4	F	23	22	s	37	e	6190-6897
"	"	5	E	23	22	s	37	e	6233-7148
"	Western Fed	1	D	5	23	s	38	e	6536-6982
Hunt, N B	Weatherly	2	D	21	21	s	37	e	6280-6318
"	"	3	C	21	21	s	37	e	6228-6600
"	"	5	E	21	21	s	37	e	6338-6636
"	"	6	F	21	21	s	37	e	6323-6612
Kirby Exploration	Art Yeager	1	J	25	21	s	37	e	6532-6904
"	Elliott Fields	1	U	6	21	s	38	e	6722-7048
"	Gulf Sarkeys	2	F	25	21	s	37	e	6475-6849
"	McAllister	1	C	7	22	s	38	e	6481-6859
"	Rosa Lee Fed	1	F	19	21	s	38	e	6712-6938
"	Royalty Holding	3	H	25	21	s	37	e	6643-7073
MKA Oil Prop.	Penrose	1	F	9	22	s	37	e	6278-7046
Southland Royalty	State	1	M	2	21	s	37	e	6495-6623
"	"	2	E	2	21	s	37	e	6525-6795
"	"	7	C	2	21	s	37	e	6538-6866
Summit Energy	Drinkard Estate	4	H	25	22	s	37	e	6205-7166
"	"	7	H	25	22	s	37	e	6662-7264

## LIST 2 (cont.)

Sun E & P	Eva Owens	1	D	3	22	s	37	e	6235-6554
Texaco	C P Falby A	1	C	8	22	s	37	e	6310-6565
"	C P Falby B	1	K	8	22	s	37	e	6327-6538
Texan Petroleum	Lineberry	1	E	5	23	s	38	e	6231-6635
Wagner & Brown	Walden	1	A	21	22	s	37	e	6236-6540
Yarborough, W B	L E Grizzell	3	A	8	22	s	37	e	6251-6376

## LIST 3

WANTZ ABO POOL. WELLS PRODUCING OUT OF ZONE

<u>OPERATOR</u>	<u>LEASE</u>	<u>NUM</u>	<u>U</u>	<u>SEC</u>	<u>TWN</u>	<u>s</u>	<u>RNG</u>	<u>e</u>	<u>OPEN PERFS</u>
ARCO O & G	Eva Owens	4	N	25	21	s	37	e	6717-7228
Chevron USA	S J Sarkeys	2	E	25	21	s	37	e	6749-7361
Conoco	Hawk B-10	4	H	10	21	s	37	e	6721-7366
"	Lockhart B-11	3	E	11	21	s	37	e	6727-7370
Exxon	Wantz Fed	4	Q	1	21	s	37	e	7068-7693
Marathon	Mark Owen	8	M	35	21	s	37	e	6524-7011



## LIST 4

SOUTH BRUNSON DRINKARD, ABO WELLS 35' WITHIN TUBB POOL

OPERATOR	LEASE	NUM	U	SEC	TWN	s	RNG	e	OPEN PERFS
Hanson Operating	Max Gutman	7	D	19	22	s	38	e	6270-7135
Hendrix, John H	Cossatot A	1	B	12	22	s	37	e	6310-6916
"	Cossatot B	2	M	12	22	s	37	e	6247-6980
"	Cossatot C	4	O	24	22	s	37	e	6218-7090
"	Cossatot G	1	F	13	22	s	37	e	6246-7014
"	Cossatot H	1	L	13	22	s	37	e	6233-6981
"	Cossatot H	2	K	13	22	s	37	e	6262-7095
"	Cossatot I	1	D	13	22	s	37	e	6233-6968
"	Lee	2	P	23	22	s	37	e	6255-6886
Texaco	C H Lockhart Fed NCT-1	9	I	18	22	s	38	e	6411-7210

## LIST 5

SOUTH BRUNSON ABO. DRINKARD WELLS MORE THAN 35' OUT OF ZONE

<u>OPERATOR</u>	<u>LEASE</u>	<u>NUM</u>	<u>U</u>	<u>SEC</u>	<u>TWN</u>	<u>s</u>	<u>RNG</u>	<u>e</u>	<u>OPEN</u>	<u>PERFS</u>
Exxon	N G Penrose	3	G	13	22	s	37	e	6256-6953	
Hendrix, John H	Cossatot C	2	I	24	22	s	37	e	6225-6909	
Phillips	New Mexico D	1	H	36	22	s	37	e	6036-6730	

SPECIAL RULES AND REGULATIONS  
FOR THE  
NORTH EUNICE BLINEBRY-TUBB-DRINKARD  
OIL AND GAS POOL

RULE 1.

A standard gas proration unit in the North Eunice Blinebry-Tubb-Drinkard Oil and Gas Pool shall be 160 acres.

RULE 2.

A standard oil proration unit in the North Eunice Blinebry-Tubb-Drinkard Oil and Gas Pool shall be 40 acres.

RULE 3.

Acreage may be simultaneously dedicated to a gas well and an oil well in the North Eunice Blinebry-Tubb-Drinkard Oil and Gas Pool, thereby receiving separate oil and gas allowables.

RULE 4.

Any acreage within the North Eunice Blinebry-Tubb-Drinkard Oil and Gas Pool shall not be assigned to a gas well proration unit if the acreage is: 1) located within 1320' of the North Eunice Blinebry-Tubb-Drinkard Oil and Gas Pool boundary, and 2) such acreage is not contiguous to offset non-unit gas proration unit.

RULE 5.

Any well within the North Eunice Blinebry-Tubb-Drinkard Oil and Gas Pool designated as a gas well shall be subject to the gas proration rules set forth in Commission Order No. R-8170, as amended for the Blinebry Oil and Gas Pool or Tubb Oil and Gas Pool or both as appropriate.

The District Supervisor shall have authority to classify any well in the pool as a gas well or an oil well upon appropriate showing by the operator.

**RULE 6.**

An oil well in the North Eunice Blinebry-Tubb-Drinkard Oil and Gas Pool shall be a well producing from the vertical and horizontal limits of the Pool and not classified as a gas well.

**RULE 7.**

The limiting Gas-Oil Ratio for oil wells in the North Eunice Blinebry-Tubb-Drinkard Oil and Gas Pool shall be 6000 cubic feet of gas per barrel of oil.

**RULE 8.**

Commingling in the well bore of production from oil zones and gas zones in the North Eunice Blinebry-Tubb-Drinkard Oil and Gas Pool is prohibited.

**RULE 9.**

In submitting Form C-115 on gas wells producing from the North Eunice Blinebry-Tubb-Drinkard Oil and Gas Pool, the operator shall estimate the condensate and gas volumes produced by each well in the Blinebry, Tubb, and Drinkard zones by using the ratios as reflected in the most recent tests submitted if separate metering equipment for each zone is not utilized.

*Define gas wells  
→ Criteria to use for defining gas wells.*

*Do we need to  
keep this in?*

*Simultaneous dedicated  
accre. to oil and gas  
wells. They will have  
their casing head gas  
allowable plus the gas  
well allowable.*

**RULE 10.**

Oil wells in the North Eunice Blinebry-Tubb-Drinkard Oil and Gas Pool shall receive oil and casinghead gas allowables as provided in either Rule 701F.3 or Rules 503, 505 and 506 of the Division Rules and Regulations.

**RULE 11.**

An oil well in the North Eunice Blinebry-Tubb-Drinkard Oil and Gas Pool may be recompleted as a gas well in the Blinebry or Tubb formations provided the operator of such well makes application to and receives approval from the District Supervisor for such recompletion.

**RULE 12.**

All gas wells in the North Eunice Blinebry-Tubb-Drinkard Oil and Gas Pool shall be subject to the same pool rules as would be applicable to gas wells completed in either or both the Blinebry Oil and Gas Pool and the Tubb Oil and Gas Pool; except that such gas wells shall not be subject to any provision in either set of pool rules relating to classification by gas-liquid hydrocarbon ratio, nor shall they be subject to any provision within such rules prohibiting multiple assignments of acreage, except as provided by Rule 4 above. To the extent applicable rules of either the Blinebry Oil and Gas Pool or the Tubb Oil and Gas Pool conflict with the North Eunice Blinebry-Tubb-Drinkard Oil and Gas Pool rules, the latter shall control.

**RULE 13.**

Special Pool Rules and Regulations for the North Eunice Blinebry-Tubb-Drinkard Oil and Gas Pool shall be applicable only within the pool boundaries.

**RULE 14.**

Any expansion of the boundaries of the North Eunice Blinebry-Tubb-Drinkard Oil and Gas Pool shall be only upon application filed after notice under Rule 1207 and hearing.

[WPP:47]

*Should we be  
people expand  
the pool or  
shrink it  
since that the  
pool creation  
was done for  
the express purpose  
of waterflood*

*What do we use to determine oil/gas well  
classification, since there are no limiting GOR  
in order.*

*Rule 9, Do we need to keep Drinkard in?*

*Gas wells and casinghead gas allowable  
assign a production limit a casinghead gas  
allowable and use gas wells to "swing"*

*Are we giving them too much gas allowance  
by assigning a casinghead gas allowable and a  
gas well allowable.*

*Production allocated to each zone on a  
yearly basis*

*Could the GOR in the Blinebry and Tubb be  
raised to the new 6000 GOR*



GARREY CARRUTH  
GOVERNOR

STATE OF NEW MEXICO

ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION  
HOBBS DISTRICT OFFICE

AUG 17 1987

OIL CONSERVATION DIVISION  
SANTA FE

POST OFFICE BOX 1980  
HOBBS, NEW MEXICO 88241-1980  
(505) 393-6161

MEMORANDUM TO: William J. LeMay, Director  
FROM: *JL* Jerry Sexton, Supervisor - District I  
DATE: August 14, 1987

SUBJECT: Nomenclature meeting for Drinkard, Wantz Abo, and  
South Brunson Pools

We have set up a second meeting for presenting proposed rule changes and invite you to attend if you wish.

The meeting will be held at the Meeting Room of the Hobbs Public Library in Hobbs, New Mexico at 9:00 A.M. on September 16, 1987.

The operators in those problem areas have been notified and we are attaching copies of that notification as well as the enclosures. These include proposed rule changes and lists of wells which will be affected.



GARREY CARRUTHERS  
GOVERNOR

STATE OF NEW MEXICO  
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION  
HOBBS DISTRICT OFFICE

POST OFFICE BOX 1980  
HOBBS, NEW MEXICO 88241-1980  
(505) 393-6161

MEMORANDUM TO: William J. LeMay, Director  
FROM: Jerry Sexton, Supervisor - District I  
DATE: September 17, 1987

RE: Drinkard, Wantz Abo, & South Brunson Pools

We are ready to go to hearing on the above pools as soon as we can get it set. I understand Jeff Taylor or David Catanach will put it on docket.

When we find out when the hearing is, we will notify the all the operators.



September 16, 1987

OCD Meeting - Drinkard, Wantz Abo, & South Brunson  
Hobbs Public Library  
Minutes:

The meeting was conducted by Paul Kautz, Geologist for the Oil Conservation Division. Very briefly, the previous meeting held in May was brought up. The paperwork for the May meeting included 2 possible solutions. 1) Grandfather in all the wells and change the GOR to 6000:1 for all three pools - Drinkard, Wantz Abo, & South Brunson. Establish Type cross-sections. 2) Contract certain areas of the Drinkard Pool and contract areas of the Wantz Abo. Extend the South Brunson Abo to include the above areas and extend the vertical limits to include the Drinkard and Abo formations. Grandfather in remaining wells more than 35' out of zone. Establish Type cross-sections.

Comments: None.

After reviewing the results of the survey mailed out prior to the May meeting, comments show most operators favor Solution II. The major concern seems to be with the extension of the South Brunson - how to deal with wells having two operators with separate rights for different zones.

Special pool rules have been proposed for the South Brunson. These include methods for determining the allowable. At this time, there are no wells in this situation. In the making of the Type cross-section, the top of the Abo was left out. When making a decision, we will go by lease agreements, since tops may not coincide with the pick on the cross-sections.

Discuss changes proposed: pool boundaries, special pool rules for all three pools, and type cross-sections. Asked for comments on pool boundaries - none.

Special pool rules - Drinkard Designate the type cross-section for the Drinkard pool. Order 4635 applied to Drinkard wells which are no more than 35' out of zone. However, no one asked for exception, so we feel we can Grandfather them in. We feel it would be uneconomical to squeeze those perfs in wells more than 35' out of zone. Therefore, they should be Grandfathered in.

Comments: none.

Operators would have 60 days to notify the OCD from the hearing of any wells we left off the list.

Question: Putting the Drinkard and Abo together to form the South Brunson Drinkard Abo, why separate wells less than 35' and wells more than 35' out of zone? Does it serve two purposes - designate pool rules and identify wells outside the area?

Answer: Yes, the lists show these wells and having Type cross-sections will help. Again, operators will be provided with 60 days in case any wells were left off.

Special Pool Rules - South Brunson Drinkard Abo Designate D-D' as the Type cross-section. The rules would require that future recompletions conform to the cross-section. Lists of wells more than 35' out of the Tubb formation are shown in Enclosures 4 & 5, which were recently mailed out. Provide for 60 day period in which operators can notify the OCD for wells left off the list. Change the GOR to 6000:1. The Drinkard and Wantz Abo now have this GOR. Allowable determined when 2 operators in 2 zones by percentage method if both wells produce more than the top allowable. Basically, 24 hour tests used and allocated to the different pools.

Question: How will you determine that on two wells making close to the limit on gas?

Answer: By the allowables. There is a percentage on gas wells. It would be harder if one has a higher GOR, but at this time, only 3 or 4 wells are actually limited by a GOR. Providing method if production comes up - submit a new C-116.

Comments - none.

Type Cross-sections      Points to discuss?

Question: Did you use the same tops in existence?

Answer: In Order 4635, a type log was designated for the Drinkard. For the Tubb, the same marker was used. Paul Kautz' Drinkard pick is 10-15' off. The reason being that Order 4635 used an old electrical log which could not be correlated - Paul used one consistent with the area. About 85% of the operators have the same pick for the Abo. There is no defined place on a log. Before, when wells were drilled, they picked the Abo based on the color of the shale. No log characteristics were used.

Open to questions & comments.

Jerry Sexton, Supervisor - District I: Paul Kautz did a good job. He did extensive research and had all the figures compiled. It will go to hearing in approximately 45 days. Introduced lawyer and examiner from the Santa Fe office. The proposed changes should straighten out the pools.

Cross-sections are available at Superior Reproduction, 116 East Alston, Hobbs, New Mexico.

Question: How long before it becomes effective?

Answer: It should be about 2 months.

Comments - none. Adjourn.

In Attendance:

OCD Personnel: Jerry Sexton, Supervisor (Hobbs)

Paul Kautz, Geologist (Hobbs)

David Catanach, Examiner (Santa Fe)

Jeff Taylor, Lawyer (Santa Fe)

Joan Marchbanks, Clerk (Hobbs)

Dan Veirs	- Veirs Production Company
Brian Ball	- Doyle Hartman
Don Lindsey	- Chevron
R C Blevins	- Chevron
Alan Bohling	- Chevron
Dennis Wehmeyer	- Texaco
J T Janica	- Bravo Energy
Richard Jo	- Phillips
Rick Halle	- Phillips
Robert L Bradshaw	- Meridian Oil (Southland Royalty)
Cathy Nokes	- Meridian Oil (Southland Royalty)



STATE OF NEW MEXICO  
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT  
OIL CONSERVATION DIVISION  
HOBBS DISTRICT OFFICE

GARREY CARRUTHERS  
GOVERNOR

February 17, 1988

POST OFFICE BOX 1980  
HOBBS, NEW MEXICO 88241-1980  
(505) 393-6161

William J. LeMay  
Director  
Oil Conservation Division  
P. O. Box 2088  
Santa Fe, New Mexico 87504-2088

SUBJECT: Division Order R-8593 South Brunson Drinkard-Abo

Dear Mr. LeMay:

According to the provision of Division Order R-8593, effective February 1, 1988, The Amanda-Abo Gas Pool is abolished, the vertical limits re-defined and the horizontal limits are contracted on the the Drinkard Pool, and the vertical limits re-defined and the horizontal limits contracted on the Wantz-Abo Pool.

Further, under this same order, the South Brunson-Abo Pool is re-designated as the South Brunson Drinkard-Abo Pool.

A limiting Gas-Oil-Ratio is established for the South Brunson Drinkard-Abo pool.

The following wells are removed from the Drinkard Pool and classified as producing from the South Brunson Drinkard-Abo Pool:

Blanco Eng. Inc	Amanda Sims	1-I	S25, T22S, R37E
Campbell & Hedrick	Elliott	2-H	S6, T23S, R38E
Chevron U.S.A. Inc	TR Andrews	1-B	S32, T22S, R38E
"	"	5-A	S32, T22S, R38E
"	"	7-P	S32, T22S, R38E
"	FJ Danglade	2-N	S13, T22S, R38E
"	Drinkard B	1-P	S30, T22S, R38E
"	"	2-J	S30, T22S, R38E
"	"	3-O	S30, T22S, R38E
"	Higgins	1-J	S29, T22S, R38E
"	E. Lineberry	3-L	S29, T22S, R38E
"	A. Paddock	6-O	S1, T22S, R37E
"	HP Saunders	1-O	S7, T22S, R38E
"	"	2-J	S7, T22S, R38E
"	Scarborough Est	1-A	S31, T22S, R38E
"	"	3-I	S31, T22S, R38E
"	Vivian	8-D	S30, T22S, R38E
"	Watkins	1-O	S29, T22S, R38E
"	"	2-P	S29, T22S, R38E

Exxon Corp	NG Penrose	3-G	S13, T22S, R37E
"	Whittaker & Perkins	2-C	S12, T22S, R37E
Fina Oil & Chemical	Edith Butler	2-E	S18, T22S, R38E
"	"	3-N	S18, T22S, R38E
"	Edith Butler A	1-M	S18, T22S, R38E
"	"	5-F	S18, T22S, R38E
Hanson Oper. Co. Inc.	Max Gutman	2-L	S19, T22S, R38E
"	"	5-N	S19, T22S, R38E
"	"	6-K	S19, T22S, R38E
"	"	7-D	S19, T22S, R38E
"	"	9-K	S19, T22S, R38E
John H. Hendrix	Belcher	1-L	S7, T22S, R38E
"	Cossatot	1-G	S12, T22S, R37E
"	Cossatot A	1-B	S12, T22S, R37E
"	"	2-A	S12, T22S, R37E
"	Cossatot B	1-O	S12, T22S, R37E
"	"	2-M	S12, T22S, R37E
"	"	3-N	S12, T22S, R37E
"	Cossatot C	1-G	S24, T22S, R37E
"	"	2-I	S24, T22S, R37E
"	"	3-J	S24, T22S, R37E
"	"	4-O	S24, T22S, R37E
"	Cossatot G	1-F	S13, T22S, R37E
"	Cossatot H	1-L	S13, T22S, R37E
"	"	2-K	S13, T22S, R37E
"	Cossatot I	1-D	S13, T22S, R37E
"	Cossatot J	1-B	S24, T22S, R37E
"	Danglade	2-A	S24, T22S, R37E
"	Elliott B-17	2-E	S13, T22S, R37E
"	Sun Danglade	3-O	S13, T22S, R37E
"	Western Fed	1-O	S5, T23S, R38E
Kirby Expl. Co of Tx	McCallister	1-C	S2, T22S, R38E
"	Peterson Fed	1-D	S4, T23S, R38E
"	Sims Fed	1-B	S7, T22S, R38E
"	Vivian	1-F	S30, T22S, R38E
"	"	2-K	S30, T22S, R38E
"	"	3-N	S30, T22S, R38E
Mabee Petroleum Corp.	Belcher	1-M	S7, T22S, R38E
"	Belcher A	1-N	S7, T22S, R38E

Marathon Oil Co.	Edith Butler A	1-L	S18, T22S, R38E
"	Edith Butler B2	1-I	S13, T22S, R37E
"	"	2-J	S13, T22S, R37E
"	Walter Lynch	5-C	S1, T22S, R37E
"	"	6-F	S1, T22S, R37E
"	"	7-D	S1, T22S, R37E
"	"	8-E	S1, T22S, R37E
"	J.L. Muncy	1-P	S24, T22S, R37E
"	"	3-N	S24, T22S, R37E
"	"	4-H	S24, T22S, R37E
Mewbourne Oil Co.	Sunshine Roy.	1-E	S17, T22S, R38E
Petrus Oil Co.	Pike Federal	1-A	S6, T23S, R38E
Phillips Petroleum Co.	New Mexico D	1-H	S36, T22S, R37E
"	Sims	1-L	S24, T22S, R37E
"	"	2-E	S24, T22S, R37E
"	"	3-F	S24, T22S, R37E
"	"	4-D	S24, T22S, R37E
"	"	6-M	S24, T22S, R37E
Sohio Petroleum Co.	Elliott B-12-2	3-E	S12, T22S, R37E
"	Hinton	11-F	S12, T22S, R37E
"	"	12-K	S12, T22S, R37E
"	"	13-L	S12, T22S, R37E
"	"	14-J	S12, T22S, R37E
"	Hinton 14	8-J	S12, T22S, R37E
"	Rogers	2-H	S12, T22S, R37E
Southland Royalty Co.	State B	1-I	S36, T22S, R37E
Summitt Energy Inc.	Drinkard B	2-L	S30, T22S, R38E
"	Drinkard Estate	4-H	S25, T22S, R37E
"	"	5-G	S25, T22S, R37E
"	"	7-H	S25, T22S, R37E
"	A.M. Drinkard Y	1-I	S30, T22S, R38E
"	Gulf Drinkard	1-M	S30, T22S, R38E
"	Gulf Sims	1-P	S25, T22S, R37E
Sun Expl. & Prod. Co.	Annie Christmas	1-N	S1, T22S, R37E
"	Elliott B-12	2-D	S12, T22S, R37E
"	Walter Lynch	1-K	S1, T22S, R37E
"	"	2-L	S1, T22S, R37E
"	"	3-M	S1, T22S, R37E
Texaco Inc.	D. Ballenger	1-M	S17, T22S, R38E
"	"	2-L	S17, T22S, R38E
"	"	3-F	S29, T22S, R38E
"	A. H. Blinebry Federal	NCT-1	
"	"	4-O	S20, T22S, R38E
"	"	6-B	S19, T22S, R38E
"	"	9-A	S19, T22S, R38E
"	"	12-H	S19, T22S, R38E

Texaco Inc.	A. H. Blinebry	Federal NCT-1	
"	"	13-E	S29, T22S, R38E
"	"	14-M	S28, T22S, R38E
"	"	15-D	S33, T22S, R38E
"	"	19-D	S29, T22S, R38E
"	"	20-E	S20, T22S, R38E
"	"	21-N	S20, T22S, R38E
"	"	22-K	S20, T22S, R38E
"	"	23-C	S29, T22S, R38E
"	"	24-E	S28, T22S, R38E
"	"	25-N	S28, T22S, R38E
"	"	26-B	S29, T22S, R38E
"	"	27-K	S28, T22S, R38E
"	"	28-A	S29, T22S, R38E
"	"	29-C	S33, T22S, R38E
"	"	30-J	S20, T22S, R38E
"	"	31-F	S28, T22S, R38E
"	"	33-D	S28, T22S, R38E
"	"	34-I	S20, T22S, R38E
"	"	35-M	S21, T22S, R38E
"	"	36-H	S20, T22S, R38E
"	"	38-J	S19, T22S, R38E
"	"	39-I	S19, T22S, R38E
"	"	40-P	S19, T22S, R38E
"	"	41-D	S19, T22S, R38E
"	A. H. Blinebry	Federal NCT-2	
"	"	2-N	S29, T22S, R38E
"	"	5-M	S29, T22S, R38E
"	A. H. Blinebry	Federal NCT-3	
"	"	3-E	S31, T22S, R38E
"	"	4-C	S31, T22S, R38E
"	A. H. Blinebry	Federal NCT-4	
"	"	1-P	S31, T22S, R38E
"	"	2-O	S31, T22S, R38E
"	"	4-M	S31, T22S, R38E
"	"	5-N	S31, T22S, R38E
"	C.H. Lockhart	Federal NCT-1	
"	"	4-J	S18, T22S, R38E
"	"	5-C	S18, T22S, R38E
"	"	6-G	S18, T22S, R38E
"	"	7-B	S18, T22S, R38E
"	"	8-P	S18, T22S, R38E
"	"	9-I	S18, T22S, R38E
"	"	10-H	S18, T22S, R38E
"	W. L. Nix	1-C	S20, T22S, R38E
"	"	2-N	S17, T22S, R38E
"	"	3-F	S20, T22S, R38E
"	"	4-B	S20, T22S, R38E
"	"	6-K	S17, T22S, R38E
Texan Petroleum Corp.	Lineberry	1-E	S5, T23S, R38E
Viers Production	Amoco State S	1-C	S32, T22S, R38E



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Re: R-8593

The following wells are removed from the Wantz-Abo Pool and classified as producing from the South Brunson Drinkard-Abo Pool:

Chevron U.S.A. Inc	Alice Paddock	7-B	S1, T22S, R37E
"	"	8-J	S1, T22S, R37E
"	"	9-P	S1, T22S, R37E
Kirby Expl. Co. of Tx	McCallister	1-C	S7, T22S, R38E
"	Sims Federal	1-B	S7, T22S, R38E
"	"	2-G	S7, T22S, R38E
"	"	3-H	S7, T22S, R38E

The following well currently listed in the undesignated section of the proration schedule will be classified as producing from the South Brunson Drinkard-Abo Pool:

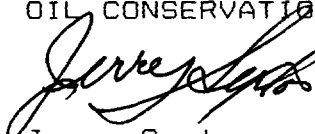
Chevron U.S.A. Inc	Ella	1-A	S25, T22S, R37E
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The Kirby Exploration Company of Texas wells McCallister #1-C and the Sims Federal #1-B both in Section 7, Township 22 South, Range 38 East, are currently producing from both the Drinkard and the Wantz-Abo Pools. The allowable for these wells are to be cancelled and assigned an allowable in the South Brunson Drinkard-Abo Pool.

All wells currently producing from the South Brunson-Abo Pool are classified as producing from the South Brunson Drinkard-Abo Pool.

Very truly yours

OIL CONSERVATION DIVISION



Jerry Sexton  
Supervisor, District I

JS:PFK:bp

cc: Bureau of Land Management  
Engineering Committed  
Nelda Morgan - Proration Dept.  
Danny Shastid - Proration Dept.  
File