CASE 4943: Application of M. W. STAPLES FOR AN UNORTHOOGN OIL WELL LOCATION, EDDY COUNTY.

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Application,

Transcripts,

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	1 2 3 4 5	BEFORE THE NEW MEXICO OIL CONSERVATION COMMISSION CONFERENCE ROOM, STATE LAND OFFICE BUILDING SANTA FE, NEW MEXICO May 23, 1973 EXAMINER HEARING
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dearnley, meier & associates	8	IN THE MATTER OF:
ass	9	Application of M. W. Staples) Case No. 4943
8		for an unorthodox oil well) location, Eddy County,)
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MR. UTZ: Case 4943, continued from the May 9th, 1973 Examiner Hearing.

MR. CARR: Case 4943: Application of M. W. Staples for an unorthodox oil well location, Eddy County, New Mexico.

MR. LOSEE: A. J. Losee, of Losee and Carson,
Artesia, appearing on behalf of the Applicant. I have one
witness to be sworn.

N. RAYMOND LAMB,

was called as a witness, and after being duly sworn according to law, testified as follows:

MR. LOSEE: Before we commence, Mr. Examiner, I would like to move to amend the name of the party who is making application. M. W. Staples is a working interest owner, but the operator of record is Arewood Limited. That is the operating company, and they will be the sole general partner.

DIRECT EXAMINATION

BY MR.LOSEE:

- Q State your name, residence, and occupation.
- A N. Raymond Lamb, Artesia, New Mexico, consulting petroleum engineer.
- Q Have you previously testified before the Commission and had your qualifications accepted?

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BOX 1092 . PHONE 243-6691 . ALBUQUERQUE, NEW MEXICO 87103	AL BANK BLDG. EAST ALBUQUERQUE, NEW MEXICO 37108

Yes.

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MR. LOSEE: Are Mr. Lamb's qualifications accepted? MR. UTZ: Yes, they are.

(By Mr. Losee) Will you state the purpose of this Q application, Mr. Lamb?

- The Applicant in this case would desire to join four forty-acre tracts into a proration unit to permit the oil production from Well No. 2, which is located 1930 feet from the north and 1330 feet from the east line of Section 20, Township 18 South, Range 28 East, so that production can continue above the economic limits of this operation.
- Would you briefly explain the history behind the request for this application?
- This property in the Northeast quarter of Section 20 A has been in several hands, and was acquired by Arewood Limited in 1971 from the Stallworth people, who had a secondary recovery water project operated by Ryder Scott. The project itself was not a great success, and Arewood Limited continued to produce the property by injecting produced water into the Vanderventer No. 2. In November, 1972, the casing surface pressure on the well indicated mechanical problems. Either the packer was leaking or there was a hole in the tubing, and the water was not being injected into the

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zones they had anticipated.

In December, 1972, it was determined that this well should be plugged in an attempt to remedy the mechanical problems.

After a very short period of backflowing, that is water that had been injected, the well commenced to produce oil in the neighborhood of ten to fifteen barrels of oil per day.

As the fluids increased, the oil increased along with it. This is not normally the procedure from the flow-back of an injection well in that only water is produced, and gradually decreased within a reasonable time to permit the remedial work to be undertaken.

Now, some six months have gone by since the well began to flow back, and the oil has not been depleted as of this date.

- Did the representatives from Arewood have a conference \mathbf{Q} in Artesia for a test allowable for this well?
- Yes. In view of the flow-back, it was necessary to Α have an understanding from the Commission as to the disposition of the oil, and they received a test allowable to permit disposal of the allowable produced from the input well.
- Mr. Lamb, this injection well at this unorthodox location was originally authorized by Order R-4331,

dearnley, meier & associates 133-6691-418UQUERQUE. NEW MEXICO 87103

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1		isn't that correct?
2	Α	Yes.
3	Q	Please refer to what has been marked as Exhibit One,
4		and explain what is shown by that exhibit.
5	A	Exhibit One is just a general map of the Artesia pool
6		area, and shows the Northeast quarter of Section 20
7		as related to the other oil production in the area.
8	Q	And it also shows the offset operators?
9	A	Yes.
10	Q	Please refer to Exhibit Two, and explain what that is.
11	A	Exhibit Two consists of the Northeast quarter of Section
12		20, Township 18 South, Range 28 East of Eddy County,
13		New Mexico, and shows the exact locations of all
14		wells in this 160 acres, and the total depths and
15		in some cases the top of the San Andreas formation.
16	Q	Why don't you, before you leave this, briefly give
17		the present production from each of the wells?
18	A	The No. 1 Vanderventer in November, 1972 shows twenty-
19		eight barrels production. The Vanderventer No. 2
20		was zero production. The Humble State No. 1 produced
21		eighty-four barrels. The Humble State No. 2, the pink
22		dot, produced 204 barrels. The Rotary Well, which is
23		the dark blue dot, produced 190 barrels. This adds
24		up to a total of 516 barrels.
25	Q	And this area is now making 1,000 barrels a day?

Α

2	Q	How much does the Vanderventer No. 2 make?
3	A	May I give you the March, 1973 figure?
4		MR. UTZ: Okay.
5	Α	The Vanderventer No. 1 and 2 produced 570 barrels.
6		The Humble No. 1 produced 107 barrels. The Humble
7		No. 2 produced 210 barrels. The Rotary produced 155
8		barrels. I believe this comes to 463 barrels for the
9		acreage not covered by the Vanderventer.
10		MR. UTZ: What was the Humble State again?
11		THE WITNESS: One hundred seven for the Humble
12	Sta	te No. 1. The Humble State No. 2 was 210, and the Rotary
13	was	155. This gives a total for March, 1973 on the quarter
14	sec	tion of 1,033 barrels.
15	Q	(By Mr. Losee) Mr. Lamb, the entire Northeast quarter
16		is owned by the State of New Mexico, the minerals
17		underlying that?
18	A	That's correct.
19	Q	And those are all university lands, is that not correct?
20	A	That's correct.
21	Q	Please refer to what has been marked as Exhibit Three,
22		and explain what that is.
23	A	Exhibit Three is purely a record of the Oil Commission
24		file in Artesia, and is submitted solely for the
25		Examiner's convenience.

Yes, with the production from the Vanderventer No. 2.

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Q	Please	refer	to	what	has	been	marked	as	Exhibit	Four,
	and ex	olain v	what	t that	is					

- A Exhibit Four is a photocopy of March, 1973 production, and that is what I just read to you.
- O Please refer to what has been marked as Exhibit Five, and tell us what that is.
- A Exhibit Number Five is a monthly production curve on the forty-acre tracts. It shows the 1970 monthly production, the '71 monthly production, and the '72 monthly production.

You will note the increase in production beginning with the flow-back of the Vanderventer No. 2, and you can see that it was quite a dramatic increase.

- Q Please refer to what has been marked as Exhibit Number Six, and explain what is portrayed by that exhibit.
- A Exhibit Six is a log on the Vanderventer No. 2. On this exhibit, there is a combination of data from Exhibit Number Seven, which is a temporary tracer survey run by Del-temp Logs. The information is contained on one composite log. You will note that the packer is set just above 2,000 feet, and that the perforated zone is at about 2,020 feet, and then again at 2,120 feet, and again above and below 2,300 feet, and at 2,450 feet.

These are identified in the right-hand column,

209 SIMMS BLDG. & P.O. BOX 1092 & PHONE 243-6691 & ALBUQUERQUE. NEW MEXICO 87103 1216 FIRST NATIONAL BANK BLDG. EAST & ALBUQUERQUE. NEW MEXICO 87108 the upper one being the Loco Hills, and then the Metex, the Premier, and the Lower Premier, and the Lovington. The top of the San Andreas is indicated at 2,310. This log also shows the amount of acid injected into each one of these zones, and you will note in each case, it is 200 gallons.

Immediately to the right in red are the pressures as reported by the acid company. In the upper zone, the Loco Hills, it was 1,900 pounds to brack and 1,600 pounds to treat. The instantaneous shut-in pressure was 1,100 pounds. In the Metex, the pressure was 2,300 to brack and 1,400 to treat, with 1,100 instantaneous shut-in.

In the Premier, the pressure to brack was 2,750 while the pressure to treat was 1,300 with an instantaneous shut-in of 950. In the Lower Premier, the pressure to brack was 2,000, and the pressure to treat was 1,700, with an instantaneous shut-in of 1,300.

In the Lovington, the pressure to brack was 2,000 with 1,700 to treat, and 1,100 instantaneous shut-in.

You will note there are some variations in the treatment which is customary in the Lower Greyberg, and the Lovington sand member.

The unusual thing about this series of logs is

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209 SIMMS BLDG. & P.O. BOX 1092 & PHONE 243-6691 & ALBUQUERQUE. NEW MEXICO 87103 1216 FIRST NATIONAL BANK BLDG. EAST • ALBUQUERQUE, NEW MEXICO 87108 that the lower pressure was not taking any fluid on the date of the temperature survey which was April 30th, 1969. The other zones were taking fluid, and this would indicate that the main part of the injected water in the Vanderventer No. 2 was going into the Loco Hills and Metex and Premier.

- Q Please refer to Exhibit Number Seven, and tell us what that is.
- A This is the tracer survey referred to before, giving the details of the survey. The tracer survey supports the evidence on Exhibit Six.
- Q Mr. Lamb, is the ownership of the royalties in the entire Northeast quarter the same, to wit, the State of New Mexico?
- A No, there are certain overriding interests.
- Q I said royalty interests.
- A Royalty? Yes.
- Q Now, the overriding royalty ownership is different throughout the Northeast quarter, is that correct?
- A That's correct.
- Are the owners of all the overriding royalties and working interests in the Northeast quarter entered in agreement whereby the production from the Vanderventer No. 2 Well will be shared by all of those interest owners on a surface acre basis?

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That's correct.

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3 copy of that agreement with the signatures of all the interest owners. (By Mr. Losee) In your opinion, will the approval of 5 this application protect correlative rights and 6 prevent waste? 7 Supported by the instrument handed to the Commission, 8 the correlative rights will be protected by this 9 application, and it certainly will prevent waste. 10 Were Exhibits One through Seven prepared by you or 11 under your supervision? 12 13 They were. Α MR. LOSEE: I have no further questions of the 14 witness. 15 MR. UTZ: Exhibits One through Seven will be 16 entered into the record of this case. 17 (Whereupon Applicant's Exhibits One through Seven, 18 respectively, were entered in evidence.) 19 20 MR. UTZ: Are there any questions of this witness? (No response) 21

MR. LOSEE: I will offer into evidence a Xerox

MR. UTZ: If not, the witness may be excused.

(Witness excused.)

MR. LOSEE: Mr. Examiner, I have made the State Land Office aware of the agreement, and they are the only

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party that has executed this.

MR. UTZ: Are there any further statements in

this case?

(No response)

MR. UTZ: Case 4943 will be taken under advisement.

This hearing is adjourned.

* * * *

STATE OF NEW MEXICO)

SS COUNTY OF BERNALILLO)

11

I, RICHARD E. McCORMICK, a Certified Shorthand

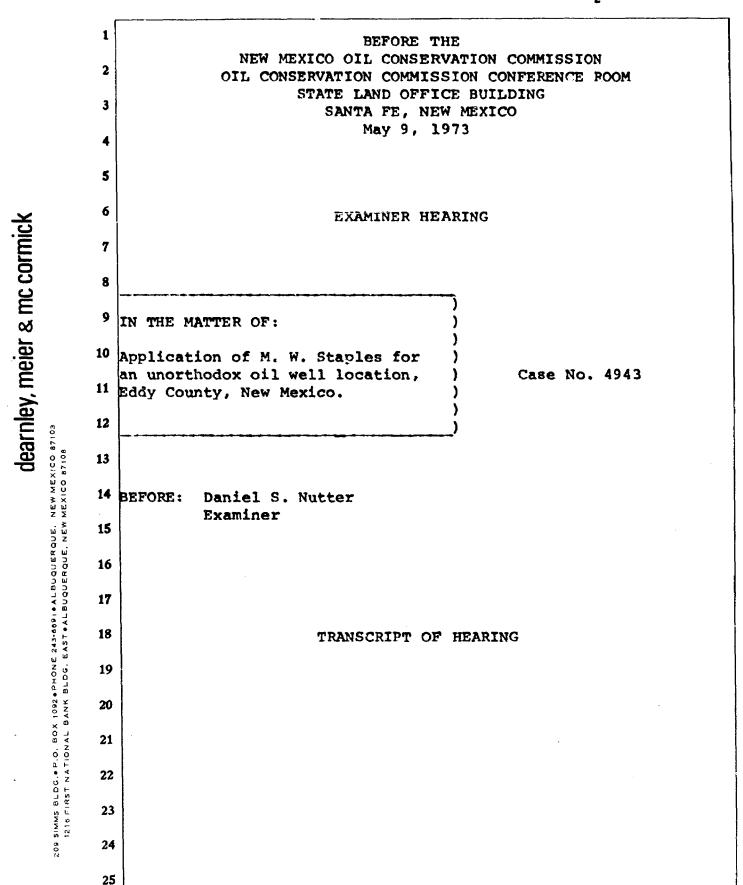
Reporter, in and for the County of Bernalillo, State of
New Mexico, do hereby certify that the foregoing and attached
Transcript of Hearing before the New Mexico Oil Conservation
Commission was reported by me; and that the same is a true
and correct record of the said proceedings to the best of
my knowledge, skill and ability.

CERTIFIED SHORTHAND REPORTER

1 do hereby certify that the foregoing is a complete record of the proceedings in the Ernminer hearing of Case No. 4943. heard by no artificial to the control of the processing of the processi

New Merico Oil Conservation Commission

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		1		INDEX		
		2	WITNESS		PAGI	Ē
		3	N. RAYMOND LAMB			
		4	Direct Examina	ition by Mr. Losee	;	3
		5				
လွ		6				
late		7				
)))		8				
8 9 9		9		EXHIBITS		
dearnley, meier & associates		10	EXHIBIT		ADMITTED	OFFERED
ĬĽ /		11	Applicant's #1	Map	11	6
rne	103	12	Applicant's #2	Well locations	11	6
dea	87108	13	Applicant's #3	o. C. C. file	11	7
	E W M C M X	14	Applicant's #4	March, 1973 production	11	8
	•ALBUQUERQUE, NEW MEXICO 87108 BUQUERQUE, NEW MEXICO 87108	15	Applicant's #5	Monthly production curve	11	8
	JQUERO ERQUE,	16	Applicant's #6	Log	11	8
	. B ∪ Q ∪ B .	17	Applicant's #7	Temporary tracer survey	11	8
	243-669 AST • AL	18				:
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	1092 • F	20				
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MR. NUTTER: We will call next Case 4943. MR. CARR: Case 4943, Application of M. W. Staples for 3 an unorthodox oil well location, Eddy County, New Mexico. MR. NUTTER: We have received a request from the Applicant in this case that the case be continued to May 23. It will be continued to the Examiner's Hearing scheduled for this same place at 9:00 A.M. May, 23, 1973.

1	STATE OF NEW MEXICO)
2	COUNTY OF BERNALILLO)
3	I, JOHN DE LA ROSA, a Certified Shorthand Reporter, do
4	hereby certify that the foregoing and attached Transcript of
5	Hearing before the New Mexico Oil Conservation Commission was
5	reported by me; and that the same is a true and correct record
7	of the said proceedings, to the best of my knowledge, skill
8	and ability.
9	
10	CERTIFIED SHORTHAND REPORTER
11	CERTIFIED SHORTHAND REPORTER
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23	e do buredy derivity that the foregoing is a complete record of the proceedings in the Elaminer hearing of Case No. 4.7.4
24	seard by me on 19.73.
25	New Mexico Oil Conservation Commission

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1 2 3	BEFORE THE NEW MEXICO OIL CONSERVATION COMMISSION OIL CONSERVATION COMMISSION CONFERENCE ROOM STATE LAND OFFICE BUILDING SANTA FE, NEW MEXICO Wednesday, April 11, 1973	
7	EXAMINER HEARING	
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6	IN THE MATTER OF:	
7	Application of M.W. Staples for) Case No. 4943	
8	an unorthodox oil well location,)	
9	Eddy County, New Mexico.)	
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10	BEFORE: Elvis A. Utz	
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13	TRANSCRIPT OF HEARING	
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MR. UTZ: Case 4943. 1 MR. CARR: Case 4943, application of M.W. Staples 2 for an unorthodox oil well location, Eddy County, New 3 Mexico. 4 MR. UTZ: We have had a request from counsel for 5 Mr. Staples requesting that this case be continued to 6 May 9, 1973. The case will be continued to that date. 7 As for the rest of the docket, we will call the 8 cases in order. 9 10 STATE OF NEW MEXICO 11 89. COUNTY OF BERNALILLO) 12 I, JANET RUSSELL, a Certified Shorthand Reporter, do 13 hereby certify that the foregoing and attached Transcript of 14 Hearing before the New Mexico Oil Conservation Commission was 15 reported by me; and that the same is a true and correct record 16 of the said proceedings; to the best of my knowledge, skill, 17 and ability. 18 19 20 RTIFIED SHORTHAND REPORTER 21 22 23 4 do nereby certify that the foregoing is a complete record of the proceedings in the Examiner hearing of Case No. 24 25 Examiner New Mexico Oil Conservation Commission



OIL CONSERVATION COMMISSION

STATE OF NEW MEXICO P. O. 90X 2088 - SANTA FE 87501

June 25, 1973

Re: Case No.

GOVERNOR **BRUCE KING** CHAIRMAN

LAND COMMISSIONER ALEX J. ARMIJO MEMBER

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

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BEFORE THE OIL CONSERVATION COMMISSION OF THE STATE OF NEW MEXICO

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

> CASE NO. 4943 Order No. R-4559

APPLICATION OF M. W. STAPLES FOR AN UNORTHODOX OIL WELL LOCATION, EDDY COUNTY, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 a.m. on May 23, 1973, at Santa Fe, New Mexico, before the Examiner Elvis A. Utz.

NOW, on this 25th day of June, 1973, 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 law, the Commission has jurisdiction of this cause and the subject matter thereof.
- (2) That the applicant, M. W. Staples, is the operator of the Vanderventer Well No. 2, authorized by Order No. R-3341, as a waterflood injection well in the Artesia Pool, Eddy County, New Mexico.
- (3) That the applicant seeks authority to produce oil from said well located at an unorthodox location 1310 feet from the North line and 1330 feet from the East line of Section 20, Township 18 South, Range 28 East, NMPM, Eddy County, New Mexico.
- (4) That the proposed unorthodox location will provide an efficient oil producing pattern.
- (5) That approval of the subject application will afford the applicant the opportunity to produce his just and equitable share of the oil in the Artesia Pool, and will otherwise prevent waste and protect correlative rights.

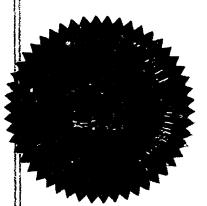
-2-Case No. 4943 Order No. R-4559

(6) That Order No. R-3341 should be superseded.

IT IS THEREFORE ORDERED:

- (1) That the applicant, M. W. Staples, is hereby authorized to produce oil from his Vanderventer Well No. 2, located 1310 feet from the North line and 1330 feet from the East line of Section 20, Township 18 South, Range 28 East, NMPM, Artesia Pool, Eddy County, New Mexico.
 - (2) That Order No. R-3341 is hereby superseded.
- (3) 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.



STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

I. R. TRUJILLO, Chairman

ALEX J. ARMIJO Member

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

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17 4845 formed 5-25-10 1. - - C-25-23 Oggood. Ted. and NSL for their Graderer " 2, 1510/N + 1330 E line se., 20. 185-28E. The me and injection well the artist that during only

(s) Extend the West Sawyer-San Andres Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 9 SOUTH, RANGE 37 EAST, NMPM Section 22: SE/4 Section 23: E/2 SW/4

(t) Extend the West Tres Papalotes-Pennsylvanian Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 14 SOUTH, RANGE 34 EAST, NMPM Section 29: NW/4

(u) Extend the Twin Lakes-San Andres Pool in Chaves County, New Mexico, to include therein:

TOWNSHIP 9 SOUTH, RANGE 28 EAST, NMPM Section 1: SE/4 NW/4 and NE/4 SW/4

CASE 4943: (Continued from the May 9, 1973 Examiner Hearing)

Application of M. W. Staples for an unorthodox oil well location, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks authority to produce oil from his Vanderventer Well No. 2 located 1310 feet from the North line and 1330 feet from the East line of Section 20, Township 18 South, Range 28 East, Artesia Pool, Eddy County, New Mexico. Said well was drilled as an injection well at said location pursuant to authority granted by Order No. R-3341.

LAW OFFICES

LOSEE & CARSON, P.A.

A.J.LOSEE JOEL M.CARSON 300 AMERICAN HOME BUILDING P. O. DRAWER 239 ARTESIA, NEW MEXICO 88210 AREA CODE 505 746-3508

4 May 1973

OIL CONSERVATION COMMA

Mr. Daniel S. Nutter Oil Conservation Commission P. O. Box 2088 Santa Fe, New Mexico 87501 Jell 49 #3

Dear Dan:

This will confirm my telephone request and your continuance of the application of M. W. Staples for an unorthodox oil well location, Eddy County, New Mexico, from May 9, 1973, to May 23, 1973.

Very truly yours,

LOSEE & CARSON, P.A.

AJL:jw

cc: Mr. M. W. Staples Mr. Raymond Lamb

DOCKET: EXAMINER HEARING - WEDNESDAY - MAY 9, 1973

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:

- ALLOWABLE: (1) Consideration of the allowable production of gas for June, 1973, from seventeen prorated pools in Lea, Eddy, Roosevelt and Chaves Counties, New Mexico;
 - (2) Consideration of the allowable production of gas from nine prorated pools in San Juan, Rio Arriba, and Sandoval Counties, New Mexico, for June, 1973.

CASE 4943: (Continued from the April 11, 1973 Examiner Hearing)

Application of M. W. Staples for an unorthodox oil well location, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks authority to produce oil from his Vanderventer Well No. 2 located 1310 feet from the North line and 1330 feet from the East line of Section 20, Township 18 South, Range 28 East, Artesia Pool, Eddy County, New Mexico. Said well was drilled as an injection well at said location pursuant to authority granted by Order No. R-3341.

CASE 4928: (Continued from the April 11, 1973, Examiner Hearing)

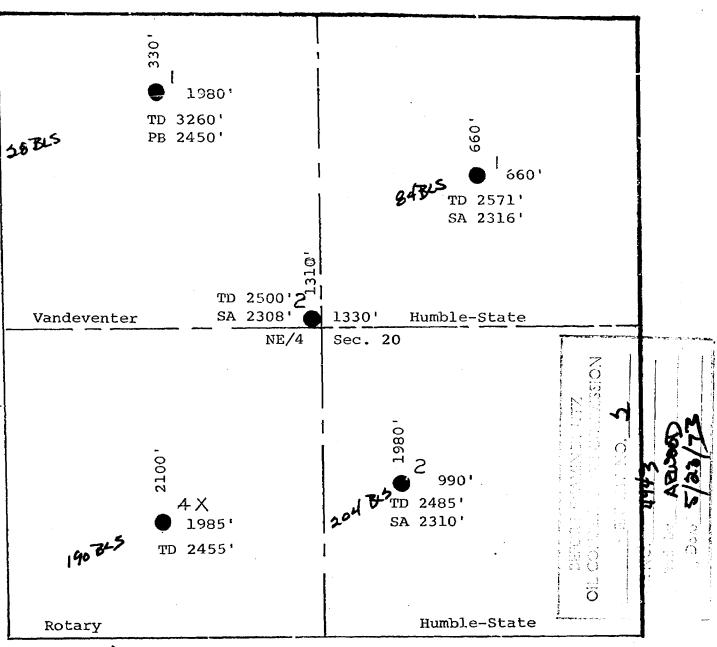
Application of Union Oil Company of California for compulsory pooling, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests in the Morrow formation underlying all of Section 11, Township 21 South, Range 25 East, Catclaw Draw-Morrow Gas Pool, Eddy County, New Mexico, to be dedicated to the Atlantic Richfield Oil Company Pure-Federal Well No. 11 located in Unit K of said Section 11. Applicant further seeks a provision for the payment of proper costs to be borne by applicant for such well and the related well equipment, a provision for allocation of actual operating costs, and the establishment of charges for supervision of such well and the designation of an operator thereof; and for such other relief as proper. Also to be considered will be the risk involved in drilling the subject well.

CASE 4932: (Continued from the April 11, 1973, Examiner Hearing)

Application of Atlantic Richfield Company for a non-standard proration unit, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks approval for a 340.94-acre non-standard gas proration unit comprising the W/2 of Section 11, Township 21 South, Range 25 East, Catclaw Draw-Morrow Gas Pool, Eddy County, New Mexico, to be dedicated to its Pure Federal Well No. 1 located in Unit K of said Section 11.

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Artesia Pool - Queen - Grayburg & San Andres



Reg. Geol. Engr. #929

Vandarable # 2

April 10, 1973

April 10, 1973

No. Raymond Lamb

Ex 2

NEW MEXICO OIL CONSERVATION COMMISSION WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102 Supersedes C-128 Effective 1-1-65

.X.L.S.25.542

All distances must be from the outer boundaries of the Section. Operator Well No. Tyrism Sonts happearent Convery State Vandernicer 2 Unit Letter Section Township 00 18 South 28 East 340 ion of Well: 1310 dizoE 1370 5006 feet from the line and feet from the line Ground Level Elev. Producing Formation Post Dedicated Acreage: Grayburg San Andres Artesia 1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below. 2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty). 3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling.etc? Yes No If answer is "yes," type of consolidation. If answer is "no." list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.). No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission. 3 43 3 CERTIFICATION I hereby certify that the information contained herein is true and complete to the 12300 Agent Position Ryder Scott Management Co Nov. 2, 1967 Date BEFORE PXAMINIO ION certify that the well location 1 here this plat was plotted from field actual surveys made by me or supervision, and that the same knowl Date Surveyed October 10, 1997 Case 4943 Registered Professional Engine and/or Land Surveyor EX 3

2000

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INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission not later than 20 days after the completion of any newly-drilled or despended well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured deoths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 30 through 34 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

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T.	7 Rivers	T,	Devonian	Т.	Menefee	T.	Madison
T.	Queen	T.	Silurian	T.	Point Lookout	T.	Elbert
							McCracken
T.	San Andres 2308	T.	Simpson	T.	Gallup	T.	Ignacio Qtzte
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T.	Paddock	T.	Ellenburger	T.	Dakota	T.	
T.	Blinebry	т.	Gr. Wash	T.	Morrison	T.	
T.	Tubb	т.	Granite	τ.	Toditto	T.	
T.	Drinkard	т.	Delaware Sand	T.	Entrada	T.	
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Т.	Penn	· T		т	Permian	T	

FORMATION RECORD (Attach additional sheets if necessary)

F	rom	То	Thickness in Feet	Formation	From	То	Thickness in Feet	Pormetion
199	6	2008	12	Loco Hills - oil show				
212	6	2131	, Š	Metex oil show			,	
217	9	2184	5	Upper Premier- oil show				
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DISTRIBUTION	1 7 1						Revised 1-	
SANTA FE		NEW ME	XICO OIL CO	NSEDVATION	י כטייוונגוטא	Sa.	indicate Ty	pe of Lease
FILE	WEL	L COMPLET					State X	Fee 🗌
U.S.G.S.			ion on nec	O CC 110	IT ICE OIL 7	[5. 8	E - 1821	Gas Lease No.
OPERATOR						. [7]		
					• .			
IN TYPE OF WELL						l l	Unii Agreen	ent Name
	WELL .		DNY] OTHER_	Injection v	well		
by TYPE OF COMPLET		n	*1 nee F			1 .	Form or Lec	
At will [X] won ove	OSEPEN [PLUS [acava, L	STHER .			andevei	nter State
Ryder Sc	ott Managerr	ent Comp	any			9.	2	
J. A Misses of Operator						1		Pool, or Wildcat
	Street, Wic	chita Falls	, Texas	76301			Artesia	Pool
voir verren B	LOCATED [3]	O , CET PRO	M THE NOT	rth use Ass	1330		County	
me East theor	,,c. 20 TWP.	18S nec.	28E ,mp				Eddy	
15. Date Spatied							i	- •
11/29/67	12/5/67	1/5		36	04 KB 3	697 GL		3699
25. Tetal Depth 2500	Zi, Piug B	ick (.D.	22. If Multip Many	рів Солрі., Ко	w 23, Intervention Drillec		ools	Cable Tools
24. Producing Intervals	al. of this completion	- Tot. Bottom	Name			\rightarrow ; X	100	Was Directional Survey
2016-30 Lo	co Hills; 2 92-2306 Pre	124-28 Me	etex; 2200		per Prem	ier;	23.	Made
26, Type Electric and C	ther Logs Run						27. Was	Well Cored
Gamma Ray	- Acoustil	og					Y	es
28.		CASII	NG RECORD (Re	port all string	s set in well)			
CASING SIZE	WEIGHT LB./FT	. DEPTH	SET HO	LE SIZE	CEME	NTING RECORD		AMOUNT PULLED
8-5/8"	24	50		1 "	210 sax	-circulate	d	None
4-1/2"	9.5	2500)	7-7/8"	325 sax			None
	<u> </u>				<u>L</u>			-
29.		R RECORD		·	30.		NG RECOR	D
SIZE	ТОР	воттом	SACKS CEMENT	SCREEN		DEPTI		PACKER SET
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31. Perforation Record	22-30; 2124-		05.	32.		RACTURE, CE		
-	02-06; 2446	-	-		INTERVAL			MATERIAL USED
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.5" bullets,	TOTAL 148 P	mes.		2200		200 gal		
		*			2-2306	200 ga		
33.	 	· · · · · · · · · · · · · · · · · · ·	PRO	DUCTION 24		200 ga		
Date First Production	Producti	on Method (Flow						Prod. or Shu-in)
Injection we	[-				1	-	•
Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	ОП — Вы.	Gas - MC	F Water -	Вы.	Gas—Oil Ratio
Flow Tubing Press.	Casing Pressure	Calculated 24- Hour Hate	Oil - Bbl.	Gas -	MCF W	ater - Bbl.	Oil G	ravity - API (Corr.)
34. Disposition of Gas	(Sold used for fuel.	vented, etc.)	J			Test Wi	inessed By	
					· · ·			
35. List of Attachments Gamma Ray		(Deviatio	n Survey	to follow) :	3.		
36. I hazeby certify the						f my knowledge i	and belief.	
May	(1)		<u>.</u>				1/19	1/69
SIGNED/	M/V MADAL	21010//	717, - I	155't. PI	coa. onbr.	-	ATE - 1 - 1	7 00
1/5/	11/2/11/020	U000	_ TITLE _	Ass t. Pi	od. Supt.	D	ATE TIT	

DISTRIBUTION SANTA FE NEW MEXICO OIL CONSERVATION COMMISSION FILE	Form C-103 Supersedes Old G-102 and C-103 Effective 14-65
LANO OFFICE	State X Fee .
	5, State Oil & Gas Lease No. E-1821
SUNDRY NOTICES AND REPORTS ON WELLS	
SUNDRY NOTICES AND REPORTS ON WELLS [00 NOT USE THIS FORM FOR PROPOSALS TO DAILL OR TO DEEPEN OR PLUS BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)	7. Unit Agreement Name
well GAS WELL OTHER. Injection well	, Ome Agreement Home
1	8. Farm or Lease Name
3. Address of Operator	Vandeventer State 9, Well No.
922 - 8th Street, Wichita Falls, Texas 76301	2 10. Field and Pool, or Wildcat
UNIT LETTER E 1310 FEET FROM THE NORTH LINE AND 1330 FEET FROM	Artesia Pool
THE East LINE, SECTION 20 TOWNSHIP 185 RANGE 28E NMPM.	
15. Elevation (Show whether DF, RT, GR, etc.)	12. County
3597 GL	Eddy ()
Check Appropriate Box To Indicate Nature of Notice, Report or Othe NOTICE OF INTENTION TO: SUBSEQUENT	
PERFORM REMEDIAL WORK TEMPORARILY ABANDON PULL OR ALYER CABING CHANGE PLANS CHANGE PLANS OTHER OTHER	ALTERING CASING PLUG AND ABANDONMENT
17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including e	
work) SEE RULE 1 (03.	estimated data of sparsing dist proposed
Well spudded at 8:00 P. M. on 11/29/67.	
	•
18 Thereby certify that the information above is thus and complete to the best of my knowledge and belief. SIGNED Agent	DATE 1/8/68

DISTRIBUTION SANTA FE FILE U.S.G.S. LAND OFFICE OPERATOR	NEW MEXICO C	OIL CONSERVATION COM	MISSION	Form C-103 Supersedes Old C-102 and C-103 Effective 1-1-65 So. Indicate Type of State X 5, State Oil 6 Gas L	Fee,
SUNDI	RY NOTICES AND REPO	RTS ON WELLS		E-1821	tillinini
(DO NOT USE THIS FORM FOR PAUSE "APPLICA	RY NOTICES AND REPORTED TO DEEPEN TO	OR PLUG BACK TO A DIFFERENT	RESERVOIR.	7, Unit Agreement N	
OIL GAS WELL	orner- Injection \	Vell		<u> </u>	
2. Name of Operator Ryder Scott Ma	nagement Compan	ır		8. Form or Lesse No	1
3. Address of Operator	magement Compan	y		9. Well No.	er State
922 - 8th Street	t, Wichita Falls,	Texas 76301		2	
UNIT LETTER B	1310	North 1.	330	10. Field and Pool, Artesia	or wildcat
THE East LINE, SECT					
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12/6/67 Ra	in 2500' 4-1/2" 9	.5# casing & cem	ented with 32	5 sax.	
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18. Screby certify that the informati	ion above is true and complete	to the best of my knowledge a	nd belief.	.	
SIGNED MADE NO	mour	Ass't. Prod.	Supt.	DATE 1/19	/68

CONDITIONS OF APPROVAL, IF ANY:

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DISTRIBUTION					Sup	persedes Old
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FILE			J,	ERVATION COMMISSION	211	401114 1-1-02
U.S.G.S.					Sa. Ind	icate Type of Lease
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OPERATOR			7 17	TESIA, OFFI CH	5. Stat	e Oil & Gas Lease No.
					E	1821
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2. Name of Operator					8. Far	n or Lease Name
Ryc	ler Scot	t Manageme	nt Company	•	Van	deventer State
, Address of Operator					9, Wel	l No.
927	2-8th St:	reet Wichi	ta Falls,	Texas 76301		2
Location of Well	_				10, F1	eld and Pool, or Wildcat
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16.		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	97 GL	ature of Notice, Repor	Edd	
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Agent

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CONDITIONS OF APPROVAL, IF ANYI

Jan. 29, 1968

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Rayber Scott Management Company Address of Greater 922 - 8th Street, Wichita Falls, Texas 76301 922 - 10. Field root Pool, or Wildoot Artesia 1310		J VINER. AILICO	tion wen		8. Form of Lea	se Name
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Describe Proposed or Completed Operations (Clearly state all persinent details, and give persinent dates, including estimated date of starting any proposed work) SEE NULE 1703. 11/30/67 Ran 505' 24# 8-5/8" casing. Cemented with 210 sacks cement-2% CaCl. cement circulated. WOC 18 hrs. Tested 600# for 30 min. O. K. 12/6/67 Ran 2500' 4-1/2" 9.5# casing & cemented with 325 sax. WOC 18 hrs. Tested 1500# for 30 min. O. K.	PULL OR ALYER CASING	CHAN		}	$\overline{\mathbf{x}}$	
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DISTRIBUTION		Supersedes Old
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FILE	The manual of the commission	Cuacitia filial
U.S.G.S.	1	5a. Indicate Type of Lease
LAND OFFICE	1	State X Fee.
OPERATOR	1	S. State Oil & Gas Lease No.
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SUNDA BRE ROY MEST ELLE SEU TOR OOF	RY NOTICES AND REPORTS ON WELLS PROPERTY OF PLUG BACK TO A DIFFERENT RESERVOIR TION FOR PERMIT = " (FORM C-101) FOR SUCH PROPOSALS.)	
USE "APPLICAT	ION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)	
OIL GAS [* ' ' '	7. Unit Agreement Name
2. Name of Operator	other. Injection well	
,	_	8. Furm or Lease Name
Ryder Scott Manage	ment Company	Vandeventer State
3. Address of Operator	_	9, Well No.
922 - 8th Street, W	Vichita Falls, Texas 76301) 2
4, Location of Well		10. Field and Pool, or Wildcat
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Check	Appropriate Box To Indicate Nature of Notice, Repo	rt or Other Data
NOTICE OF I	NTENTION TO: SUBS	EQUENT REPORT OF:
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17. Describe Proposed or Completed O work) SEE NULE 1 fos. February 10, 1968	Re-set packer at 2062' to isolate Loco I tubing - 2062'.	Hills zone. Re-ran
17. Describe Proposed or Completed O work) SEE NULE 1 fos. February 10, 1968	Re-set packer at 2062' to isolate Loco I tubing - 2062'. o well with packer at 2366' on 2-23-68; a	Hills zone. Re-ran fter packer set at correct
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SANTAFE	NEW MEXICO OIL CONSERVATION COMMISSION	C-102 and C-103 Effective 1-1-65
FILE	THE MEMOR OF THE CONTROL COMMISSION	Elisento (1.03
U.S.G.S.]	Sa. Indicate Type of Lease
LAND OFFICE	}	State X Fee.
OPERATOR		5. State Oil & Gas Lease No.
		E-1821
SUNDE THIS FORM FOR PR	RY NOTICES AND REPORTS ON WELLS OPESALS TO DRILL OR TO OCCEPT OR PLUG BACK TO A DIFFERENT RESERVOIR. FION FOR PERMIT (FORM C-101) FOR SUCH PROPOSALS,)	
1.		7. Unit Agreement Name
WELL ASS	OTHER. Injection well	ì
2. Name of Operator	•	8, Farm or Lease Name
Ryder Scott M	anagement Company	Vandeventer State
3. Address of Operator 922 - 8th Stree	et, Wichita Falls, Texas 76301	9. Well No. Z
4. Location of Well		10. Field and Pool, or Wildcat
D DNIT LETTER B	1310 PEET FROM THE NORTH LINE AND 1330 PEET PROM	Artesia
	20 TOWNSHIP 185 AANGE 28E	
	15. Elevation (Show whether DF, RT, GR, etc.)	12. County
	3697 GL	Eddy ()))))
16, Check	Appropriate Box To Indicate Nature of Notice, Report or Otl	her Data
		REPORT OF:
PERFORM REMEDIAL WORK	PLUG AND ABANDON REMEDIAL WORK	ALTERING CASING
TEMPORARILY AMANDON	COMMENCE DRILLING OPNS.	PLUG AND ABANDONMENT
PULL OR ALTER CASING	CHANGE PLANS CASING TEST AND CEMENT JOB	
	OTHER Begin water inje	ction & re-set packer

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1703.

Began injection on January. 23, 1968 with packer @ 2366.

(XE 80)

On 2-10-68 re-set packer @ 2062 injection into the Loco Hills Zone through casing-tubing annulus & into the Metex, Premier & Lovington Zones through tubing.

Ŋ

re-file Form C-103 on Vandeventer State showing Please

injection packer @ 2366 Began

through casing-tubing annulus 2-10-68 Re-set packer the Metex, Premier injection into the through tubing

RYDER-SCOTT MANAGEMENT

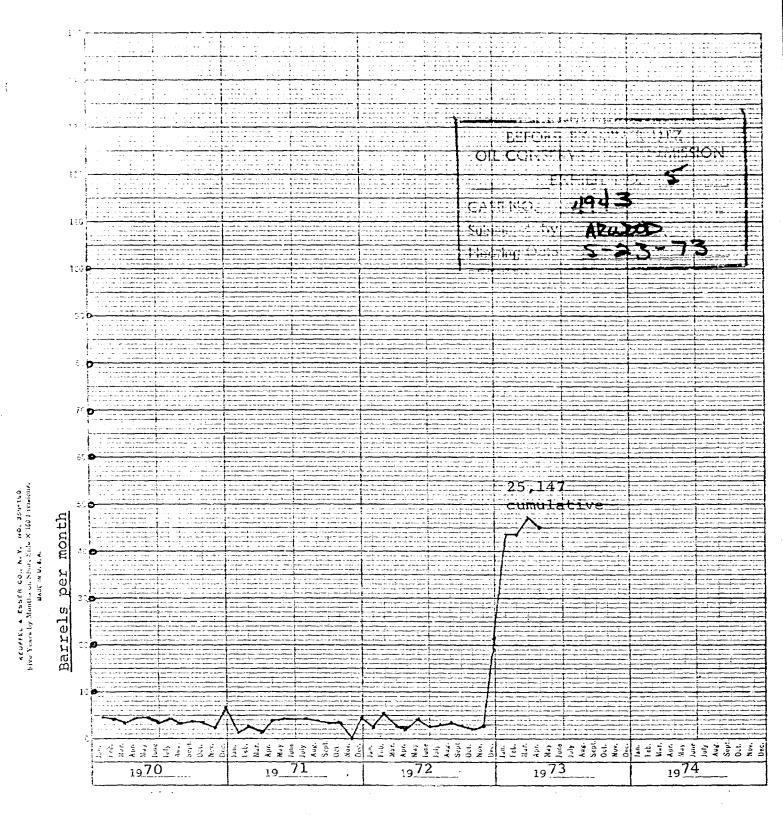
RECEIVED MAR 1.3 1968



Perforating Formation Collar CHART

A DIVISION OF DRESSER INDUSTRIES, INC.			
COMPANY Ryder. Scott WELL Charde venter 5			
FIELD Nichols Artsin LOCATION 1310 FN & 1338FEL COUNTY S	TATE		
ZERO POINT G. A. + Z'		PERFORATED ZONE	S
TOTAL DEPTH (CUST.) 2500		DEPTH	SHOTS
TOTAL DEPTH (LANE WELLS) 288		FROM 3454. TO 3446	32
PERM. DATUM . G. L.		FROM 2306 TO 2302	
CASING RECORD		FROM 2226_TO_2222_	
	1	FROM 2205 TO 2200	
Casing Size Wt. (Lb./Ft.) De		FROM 2/28 TO 3/24 FROM 2030 TO 2022	
41/5" TL	_	FROM 2020 TO 2/6	
		FROMTO	
		FROMTO	
TYPE GUN "E" SIZE 3/	/ 2	ENGTH. 2	
TYPE GUNSIZE		ENGTH	
DATE 12-29-67 S.O. NO. 3	090	SERVICE UNIT NP1223	
OPERATOR LAUGE			rend
This Perforating-Formation-Collar Chart is formation and to correlate collars with a are not made since the chart is not intencopy is made. No copies are retained in	pen hole ided for	logs. Quality checks or califormation evaluation. Only the	orations
REMARKS C	OR OTH	R DATA	•
No Reset to	0.11.	kna	
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FORMATION	o	COLLAB TOC	
	DEPTH	COLLAR LOG	
Gamma Intensity Increases	王	PERFORATIONS	
		. '.	

ARWOOD, LTD. VANDEVENTER STATE LEASE #1 UNIT B, SEC. 20, T18S, R28E, EDDY COUNTY, N.M.



OIL PRODUCTION CURVE BBLS. BY MONTHS

Case 4943

Ex 5

DISTRIBUTION AGREEMENT

WHEREAS, pursuant to the authority granted by Order No. R-3341 entered on October 25, 1967, in Case No. 3678 of the Oil Conservation Commission of New Mexico ("Commission"), the Vandeventer No. 2 Well was drilled at a location 1,310 feet from the North line and 1,330 feet from the East line of Section 20, Township 18 South, Range 28 East, N.M.P.M. (the "Vandeventer Well"), to a total depth of 2,500 feet and utilized as an injection well in the Artesia-Nichols Waterflood Project; and

WHEREAS, the Vandeventer Well has now commenced to produce oil from the Queen-Grayburg-San Andres formations consolidated by the Commission into the Artesia Pool (collectively the "Artesia Pool"), and operator has applied to the Commission for authority to produce oil from the Artesia Pool through the Vandeventer Well at its unorthodox oil well location; and

WHEREAS, the undersigned are the owners of all of the royalty, overriding royalty, production payment, working or other leasehold interests in the NE/4 of said Section 20, and in order to prevent waste and protect correlative rights desire to enter into this agreement for the proportionate distribution of the proceeds of oil produced from the Artesia Pool through the Vandeventer Well.

NOW, THEREFORE, in consideration of the premises, One Dollar and other valuable consideration in hand paid to each of the undersigned by the other of the undersigned, the receipt and sufficiency of which are hereby acknowledged, it is agreed as follows:

1. Effective May 1, 1973, at 7:00 A.M., in lieu of all other claims, rights and interests under existing agreements or otherwise, the undersigned shall accept and receive the proceeds from the sale of oil and gas produced, saved and marketed from the Artesia Pool through the Vandeventer Well, the following decimals of 8/8ths of all production, to-wit:

Commissioner of Public Lands	. ,12500000
First National Bank of Santa Fe,	
Trustee	00625000
Exxon Corporation	01953125
Rhodia M. Christensen	00356368
R. H. Siegfried, Inc	01069102
M. W. Staples & R.J. O'Connell Trustees	01425473
M. A. Waters	
Glenann Wilkerson	
W. E. Dean	01562500
D. W. Hutchinson VI	01562500
T. H. and Mazie Ragsdale	00731250
Leonard Nichols	00683592
Margaret Boller Nichol	00683592
Waterflood Associates, Inc	

If the interests of any of the undersigned in the NE/4 of said Section 20 are production payment interests and such interest shall be liquidated and paid before termination of this agreement, the above distribution schedule shall be revised by removing the liquidated production payment interest owner and by increasing the interest of those of the undersigned who would be entitled to such liquidated production payment interest under existing agreements.

- 2. The continued operation or production from the Vandeventer Well for oil and gas shall be construed and considered as the continued operation or production under existing agreements on all of the NE/4 of said Section 20.
- 3. This agreement shall remain in force and effect so long as oil or gas is or can be produced from the Artesia Pool through the Vandeventer Well. This agreement shall be binding upon the undersigned and shall extend to and be binding upon the respective heirs, successors and assigns of the undersigned.
- 4. This agreement may be executed in any number of counterparts, no one of which needs to be executed by all parties, and shall be binding upon all parties who have executed such a counterpart with the same force and effect as if all parties had signed the same document.

Alex J. Armijo

Commissioner of Public Lands

EXECUTED this April 30th , 1973.

New Mexico
TIONAL BANK OF SANTA TEE
President
poration
ack Maumon -
aumann, Division Landman
t., Exxon Company, C. S. Alm
rof Extan Corporation) Attorner in Pact
. Christensen
EGFRIED, INC.
President
_

R. J. O'Connell	M. W. Staples
M. A. Waters	Glenann Wilkerson
W. E. Dean	D. W. Hutchinson VI
Mazie Ragsdale	T. H. Ragsdale
Leonard Nichols	Margaret Boller Nichol
ATTEST:	WATERFLOOD ASSOCIATES, INC.
Secretary	By:President
COUNTY OF MIDLAND) The foregoing instruction this 30th day of April, 1973, Agent and Attorney in Fact for Ex	Tument was acknowledged before me by H. Jack Naumann Exon Corporation Exporation, on behalf of said Autyman Notary Public
June 1, 1973.	Notary Public L ACKNOWLEDGMENT
STATE OF) COUNTY OF)	ss.
The foregoing inst this day of April, 1973	rument was acknowledged before me
My commission expires:	Notary Public

R. J. Sহর্পুশুস্তু O'Connell	M. W. Staples
M. A. Waters	Glenann Wilkerson
W. E. Dean Marie January Mazie Ragsdale (a widow)	D. W. Hutchinson VI T. H. RAGSDALE ESTATE by Many Condition **ExxXxXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
Leonard Nichals	Margaret Boller Nichol
ATTEST: Jazier and Asst. Secretary	By: 571-W. Stapers President
STATE OF Teles) COUNTY OF Dallas)	ACKNOWLEDGMENT ss.
this 20th day of April, 1973 President of Wrate , a co corporation.	rument was acknowledged before me, by M.M. Stubles, June of Missalin, June of said
My commission expires:	Dorothy Jane Tyler Notary Public
INDIVIDUA	AL ACKNOWLEDGMENT
STATE OF Jules) COUNTY OF Salls)	ss.
The foregoing inst this <u>23</u> day of April, 1973	trument was acknowledged before me 3, by Manard Nuhilo
My commission expires:	Leaner S. Grislam Notary Public

INDIVIDUAL ACKNOWLEDGMENT

	STATE OF Julan)
	COUNTY OF Dallas ; ss.
	The foregoing instrument was acknowledged before me this 23rd day of April , 1973 by
	My commission expires: 6-1-73 Notary Public
	INDIVIDUAL ACKNOWLEDGMENT
11.18	STATE OF New mayou)
ARX 10 Sec	COUNTY OF Rate)
	The foregoing instrument was acknowledged before me this day of and, 1973 by ma war.
The day of the	
, , ,	My commission expires:
	Notary Public 7-18:15
	INDIVIDUAL · ACKNOWLEDGMENT
	STATE OF New Mexico
	COUNTY OFEddy)
	The foregoing instrument was acknowledged before me this 4th day of May, 1973 by Mazie Ragsdale, widow of T. H. Ragsdale, deceased; and Mazie Ragsdale, Executrix of the Will and Estate of T. H. Ragsdale, deceased. My commission expires: Notary Public
	INDIVIDUAL ACKNOWLEDGMENT
•	STATE OF)
	COUNTY OF)
	The foregoing instrument was acknowledged before me this, 1973 by
	My commission expires:
	Notary Public

If the interests of any of the undersigned in the NE/4 of said Section 20 are production payment interests and such interest shall be liquidated and paid before termination of this agreement, the above distribution schedule shall be revised by removing the liquidated production payment interest owner and by increasing the interest of those of the undersigned who would be entitled to such liquidated production payment interest under existing agreements.

- 2. The continued operation or production from the Vandeventer Well for oil and gas shall be construed and considered as the continued operation or production under existing agreements on all of the NE/4 of said Section 20.
- 3. This agreement shall remain in force and effect so long as oil or gas is or can be produced from the Artesia Pool through the Vandeventer Well. This agreement shall be binding upon the undersigned and shall extend to and be binding upon the respective heirs, successors and assigns of the undersigned.
- 4. This agreement may be executed in any number of counterparts, no one of which needs to be executed by all parties, and shall be binding upon all parties who have executed such a counterpart with the same force and effect as if all parties had signed the same document.

EXECUTED this April _____, 1973.

	Alex J. Armijo Commissioner of Public Lands State of New Mexico
ATTEST:	FIRST NATIONAL BANK OF SANTA FE, TRUSTEE
Cashier ATTEST:	By: President HUMBLE OIL & REFINING COMPANY
Secretary	By:President
	Rhodia M. Christensen
EXTEST:	R. H. SIEGFRIED, INC.

President

Auf. Secretary

R. J. O'Connell & M. W. Staples, Trustees by: 30, w. Staper M. A. Waters W. E. Dean T. H. Ragsdale Mazie Ragsdale Leonard Nichols Margaret Boller Nichol ATTEST: WATERFLOOD ASSOCIATES, INC. Secretary CORPORATE ACKNOWLEDGMENT STATE OF Oblahom COUNTY OF Julsa The foregoing instrument was acknowledged before me this affine day of April 1973, by free president of L. H. Free president of L. H. Free president of said corporation. My commission expires: INDIVIDUAL ACKNOWLEDGMENT STATE OF TEACH) COUNTY OF Salles The foregoing instrument was acknowledged before me this 19 day of April, 1973, by M. Th Staple

My commission expires:

INDIVIDUAL ACKNOWLEDGMENT

STATE OF Oblahom)	
COUNTY OF July	SS.
The foregoing instrument was day of frie, 1973 by 9	Acknowledged testore me this
My commission expires:	Learn Berneman
7-1-76	Notary Public
COUNTY OF Julie	AL ACKNOWLEDGMENT : ss. as acknowledged before me this
My commission expires:	Notary Public Symmun
	DAL ACKNOWLEDGMENT
STATE OF Oklahoma COUNTY OF Oklahoma) :)
The foregoing instrument w 3rd day of May , 1973	as acknowledged before me this by <u>D. W. Hutchison</u>
My commission expires:	Notary Public
INDIVID	UAL ACKNOWLEDGMENT
STATE OF) COUNTY OF)	
The foregoing instrument w	ras acknowledged before me this 73 by
My commission expires:	
	Notary Public

M. A. Waters	Glenann Wilkerson
W. E. Dean	D. W. Hutchinson VI
Mazie Ragsdale	T. H. Ragsdale
Leonard Nichols	Margaret Boller Nichol
ATTEST:	WATERFLOOD ASSOCIATES, INC.
	Ву:
Secretary	President
CORPORT	TE ACKNOWLEDGMENT
STATE OF	1
COUNTY OF	ss.
COUNTY OF The foregoing in this day of April. 19	nstrument was acknowledged before
COUNTY OF The foregoing in this day of April. 19	nstrument was acknowledged before
The foregoing in this day of April, long, a corporation.	nstrument was acknowledged before
COUNTY OF The foregoing in this day of April, 19 President of, a	nstrument was acknowledged before
The foregoing in this day of April, 19, a corporation. My commission expires:	nstrument was acknowledged before 973, bycorporation, on behalf of said
The foregoing in this day of April, 19, a corporation. My commission expires:	nstrument was acknowledged before 973, by
The foregoing in this day of April, 19 President of, a corporation. My commission expires: INDIVI STATE OF FXAS COUNTY OF BFXAR	nstrument was acknowledged before 973, by

If the interests of any of the undersigned in the NE/4 of said Section 20 are production payment interests and such interest shall be liquidated and paid before termination of this agreement, the above distribution schedule shall be revised by removing the liquidated production payment interest owner and by increasing the interest of those of the undersigned who would be entitled to such liquidated production payment interest under existing agreements.

- 2. The continued operation or production from the Vandeventer Well for oil and gas shall be construed and considered as the continued operation or production under existing agreements on all of the NE/4 of said Section 20.
- 3. This agreement shall remain in force and effect so long as oil or gas is or can be produced from the Artesia Pool through the Vandeventer Well. This agreement shall be binding upon the undersigned and shall extend to and be binding upon the respective heirs, successors and assigns of the undersigned.
- 4. This agreement may be executed in any number of counterparts, no one of which needs to be executed by all parties, and shall be binding upon all parties who have executed such a counterpart with the same force and effect as if all parties had signed the same document.

Alex J. Armijo

EXECUTED this April ____, 1973.

	Commissioner of Public Lands			
	State of New Mexico			
ATTEST:	FIRST NATIONAL BANK OF SANTA FE, TRUSTEE			
W.J. Martilluray Cashier	By: Malla Malla Asst. VicePresident & Trust Office			
ATTEST:	HUMBLE OIL & REFINING COMPANY			
	By:			
Secretary	President			
	Rhodia M. Christensen			
ATTEST:	R. H. SIEGFRIED, INC.			
	By:			
Secretary	President			

R. J. XXXXXXXXX O'Connell	M. W. Staples
M. A. Waters	Glenann Wilkerson
W. E. Dean	D. W. Hutchinson V.I
Mazie Ragsdale	T. H. Ragsdale
Leonard Nichols	Margaret Boller Michol
ATTEST:	WATERFLOOD ASSOCIATES, INC.
Secretary	By: President
	TE ACKNOWLEDGMENT
STATE OF Meyerd) COUNTY OF Sauta Je; The foregoing instance President of June corporation. My commission expires:	SS.
STATE OF Meyed) COUNTY OF Sauta Je; The foregoing instance President of January 12, 1978 The foregoing instance of January 12, 1978 The foregoing instance of January 12, 1978	strument was acknowledged before me 73, by Charles D. Batta St National Bankg Santar corporation, on behalf of said
STATE OF Mend Mixed COUNTY OF State OF My Commission expires: INDIVID STATE OF MINISTER OF MARKET OF MY COUNTY OF MY COU	strument was acknowledged before me 73, by Charles David Satts St Matton Saula Saula corporation, on behalf of said Lauras Cdr Saco Notary Public UAL ACKNOWLEDGMENT ss.
STATE OF Menical (COUNTY OF State OF Menical) COUNTY OF State Je (COUNTY OF State OF COUNTY OF COUNTY OF STATE OF COUNTY OF COUNTY OF STATE OF COUNTY O	strument was acknowledged before me 73, by Charles Danley Surface 21 Mattions Danley Surface 22 Motors on behalf of said 23 Motors Public WAL ACKNOWLEDGMENT ss.

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A.J.LOSEE JOEL M. CARSON

LOSEE & CARSON, P.A.

P. O. DRAWER 239

AREA CODE 505 746-3508

Iner Ssion All Mase 4943

Mr. Elvis A. Utz, Examiner Oil Conservation Commission P. O. Box 2088 Santa Fe, New Mexico 87501

Re: M. W. Staples Application, Case No. 4943

Dear Elvis:

Enclosed, you will please find three copies of the subject application, which has been set for a continued hearing on the May 23, 1973, docket.

Very truly yours,

LOSEE & CARSON, P.A.

A. J. Losee

AJL:jw Enclosures

cc: Mr. M. W. Staples w/enclosure
Mr. N. Raymond Lamb w/enclosure

BEFORE THE OIL CONSERVATION COMMISSION OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE APPLICATION)			
OF M. W. STAPLES FOR AN)			
UNORTHODOX OIL WELL LOCATION,)	Case	No.	4943
ARTESIA POOL, EDDY COUNTY, NEW)			
MEXICO.	1			

APPLICATION

COMES M. W. STAPLES, by his attorneys, and in support hereof, respectfully states:

- 1. Applicant is the operator of the formations comprising the Artesia Pool underlying the NE/4 of Section 20, Township 18 South, Range 28 East, N.M.P.M., Eddy County, New Mexico.
- 2. That by Order No. R-3341, entered on October 25, 1967, in Case No. 3678, the Oil Conservation Commission of New Mexico ("Commission") authorized the drilling of the Vandeventer No. 2 Well at a location 1,310 feet from the North line and 1,330 feet from the East line of said Section 20 as an injection well in the Artesia-Nichols Waterflood Project.
- 3. The said Vandeventer No. 2 Well has now commenced to produce oil from the Queen-Grayburg-San Andres formation, consolidated by the Commission into the Artesia Pool, and applicant seeks an exception from the well spacing requirements of Rule 104-C-I to permit the production of oil from said well at its unorthodox oil well location.
- 4. All of the interest owners in the Artesia Pool underlying the NE/4 of said Section 20 have entered into a Distribution Agreement, effective May 1, 1973, at 7:00 A.M.,

and to remain in force and effect so long as oil or gas is or can be produced from the Artesia Pool through the said Vandeventer Well, providing in effect for the pooling of said well on an acreage basis throughout the entire NE/4 of said Section 20.

5. The approval of this application will afford applicant the opportunity to produce its just and equitable share of oil in the Artesia Pool, will prevent waste and will protect correlative rights.

WHEREFORE, applicant prays that upon hearing, the Commission enter its Order authorizing applicant to produce oil from his Vandeventer Well No. 2 at its unorthodox oil well location, and for such other relief as may be just in the premises.

M. W. STAPLES

y: A. J. Losee, for

LOSEE & CARSON, P.A. P. O. Drawer 239 Artesia, New Mexico 88210

Attorneys for Applicant



BEFORE THE OIL CONSERVATION COMMISSION OF THE STATE OF NEW MEXICO

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

CASE NO. 4943

Order No. R-4559

APPLICATION OF M.W. STAPLES FOR AN

UNORTHODOX OIL WELL LOCATION, EDDY

COUNTY, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 a.m. on May 23 , 1973 at Santa Fe, New Mexico, before Examiner Elvis A. Utz

NOW, on this day of June, 1973, 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 the applicant, M.W. Staples, is the operator of the Vanderventer Well No. 2, an injection well authorized by as a waterflood injection will in the Order No. R-3341 Artesia Pool, Eddy County, New Mexico.
- (3) That the applicant seeks authority to produce oil from said well located at an unorthodox location 1310 feet from the North line and 1330 feet from the East line of Section 20, Township 18 South, Range 28 East, NMPM, Eddy County, New Mexico.

- (4) That the proposed unorthodox location is will recessary to provide an efficient oil producing pattern.
- (5) That approval of the requested administrative procedure will afford the applicant the opportunity to produce the just and equitable share of the oil in the and will offurnize flevent wants and Artesia Pool provided said wells are drilled no closer than frosted constants.

 310 feet to the outer boundary of the above described unit area nor closer than 10 feet to any quarter section.

(6) varder Mo. K-3341 skould be superiched.

IT IS THEREFORE ORDERED:

- (1) That the applicant, M. W. Staples, is hereby authorized to produce oil from its Vanderventer Well No. 2, located at 1310 feet from the North line and 1330 feet from the East line of Section 20, Township 18 South, Range 28 East, NMPM, Artesia Pool, Eddy County, New Mexico.
- (2) What Order No. R-3341 is hereby imprecised

 (3) That jurisdiction of this cause is retained for
- (3) 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.

arlesia Nichals Who Fld Praj. R- 3341 M.W. Staples Vandeventer Well no. 2 1330 FEL 1310 FNL arteria Pool