

Case Number  
4601

Application

Transcripts

Small Exhibits

ETC.

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

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



BEFORE THE  
NEW MEXICO OIL CONSERVATION COMMISSION  
SANTA FE, NEW MEXICO  
EXAMINER HEARING  
September 29, 1971

IN THE MATTER OF

Application of Humble Oil and  
Refining Company for the re-  
dedication of acreage, Lea  
County, New Mexico.

Case No. 4601

BEFORE: ELVIS A. UTZ, EXAMINER

Transcript of hearing

1 MR. UTZ: Case 4601.

2 MR. HATCH: Case 4601. Application of Humble Oil  
3 and Refining Company for the rededication of acreage, Lea County,  
4 New Mexico.

5 MR. HINKLE: Clarence Hinkle, Hinkle, Bondurant,  
6 Cox and Eaton, Roswell appearing on behalf of Humble Oil and  
7 Refining Company.

8 We have one witness whom I would like to have sworn.

9 (Witness sworn)

10 (Whereupon, Applicant's Exhibits One through Five  
11 were marked for identification)

12 MR. UTZ: Are there other appearances? You may  
13 proceed.

14 JOHN BARBE

15 having first been duly sworn, testified as follows:

16 DIRECT EXAMINATION

17 BY MR. HINKLE:

18 Q State your name, your residence and by whom you are employed.

19 A John A. Barbe, Andrews, Texas, employed by Humble Oil  
20 and Refining Company.

21 Q What is your position with Humble?

22 A Senion Engineer in the Andrews Production District.

23 Q Have you previously testified before the Commission?

24 A No, I have not.

25 Q You are a graduate Engineer?

dearnley-meier reporting service, inc.

1 A Yes, I am, sir.

2 Q State briefly your educational background and experience  
3 as an Engineer.

4 A I graduated from Purdue University in 1958 with a degree  
5 in Mechanical Engineering, entered the United States Navy  
6 immediately after that, was hired by Humble in 1965 as a  
7 Petroleum Engineer, have been working primarily in Reservoir  
8 Engineering for Humble from 1965 to the present in Midland,  
9 Texas, Andrews, Texas and currently am classified as  
10 Senior Engineer in Andrews, dealing primarily with Reservoir  
11 Analysis work.

12 Q Are you familiar with the Eumont Gas Pool?

13 A Yes, I am, sir.

14 Q Are you familiar with the Humble's properties?

15 A Yes, sir.

16 Q And their wells?

17 A Right.

18 Q You have made a study of those wells?

19 A I have.

20 Q And you know their present condition?

21 A Yes, sir.

22 MR. HINKLE: Are the qualifications of the witness  
23 satisfactory?

24 MR. UTZ: Yes, sir, they are.

25 Q (Mr. Hinkle) Are you familiar with the application of

1 Humble in this case?

2 A Yes, I am, sir.

3 Q What is Humble seeking to establish by its application?

4 A We wish to reallocate the allowable for the 640-acre  
5 standard proration unit which is now assigned to our New  
6 Mexico "G" State Wells two and four and reassign this acreage  
7 to our "G" State number two and six with authority to  
8 produce from either well and any proportion, well number  
9 six is located in Unit "M," well number two is in Unit "P"  
10 of Section 26, Township 21 South, Range 36 East, Lea County,  
11 New Mexico.

12 Q Have you prepared or has there been prepared under your  
13 direction certain exhibits for introduction of this case?

14 A Yes, there have, sir.

15 Q Refer to Applicant's Exhibit One and explain this to the  
16 Examiner.

17 A First off, on Exhibit One outlined in yellow is Humble's  
18 New Mexico "G" State Lease consisting of Sections 23 and 26,  
19 Township 21 South, Range 36 East.

20 Also shown on this map in red squares are wells currently  
21 producing or completed in the Eumont-Queen Gas Pool.

22 The numbers in blue are 1970 annual average production in  
23 mcf per day for the 640-acre section.

24 The numbers in green are the production for the same time.  
25 period by well for the individual wells completed in the

1 Eumont-Queen Gas Pool.

2 Q Does this also show the ownership of the acreage in the area?

3 A Yes, it does, sir.

4 Q Now, refer to Exhibit Number Two and explain this.

5 A It is shown in rather a complex color code on this map, the  
6 current completion intervals for wells surrounding our New  
7 Mexico "G" State Lease as well as wells on this "G" State  
8 Lease.

9 Again, the Eumont-Queen Gas Wells are shown with the red  
10 square around them. The significance of this map is to  
11 demonstrate that there is considerable overlap between  
12 various pools in this vicinity and that the Eumont-Queen  
13 Gas Pool and the Eumont-Yates Seven Rivers Queen Oil Pools  
14 are both productive on Section 26.

15 Q Have wells number two and six in Section 26 been completed  
16 in any other formation other than the Eumont Gas Pool  
17 Formation?

18 A Well number six was previously completed in the Eumont-Yates  
19 Seven Rivers Queen Oil Pool until November of 1970.

20 Q Now, refer to Exhibit Three and explain what this shows.

21 A Exhibit Three is a tabulation of the gas production from our  
22 "G" State Number Two for 1970 and '71 through August.

23 This well produces no oil or no water and is complete  
24 in the Eumont Gas Pool.

25 Q Now, refer to Exhibit Four and explain this.

1 A Exhibit Four summarizes the work which was done in November  
2 of 1970 to our New Mexico "G" State Number Six.

3 At that time a bridge plug with cement was set at 3,270  
4 feet.

5 In effect, blanking off the Eumont Oil Completion which was  
6 at 3,820 to 3,856 feet.

7 At the same time we reperforated in the Eumont Gas Pool  
8 from 3,094 feet to 3,176 feet and acidized these new  
9 perforations.

10 Subsequently in February of 1971 these perforations were  
11 hydrolic or fract.

12 Q What was the result of this work over?

13 A We have a completion in the Eumont Gas Pool which is  
14 exceeding the hundred-thousand GOR limitation and do have  
15 indeed a Eumont Gas Pool well.

16 Q Is it making anything but gas?

17 A No, sir, it is not.

18 Q Now, refer to Exhibit Number Five and explain this.

19 A This is a history of the production test on the New Mexico  
20 "G" State Number Six.

21 The first test is prior to the work over at which time we  
22 had a GOR of 15,000 produced, 75 mcf of gas per day, 5  
23 barrels of oil and 6 barrels of water per day.

24 The other three tests shown could have been subsequent to  
25 the recompletion at which time the well has produced no

1 oil and no water and anywhere from 133 up to 108 mcf of  
2 gas per day.

3 Q In your opinion will this well continue to increase its  
4 gas production as it cleans up?

5 A We believe it will as it cleans the formation damage out  
6 from the well.

7 Q Will these two wells, the well number two and six, if  
8 dedicated to the 640-acres be capable of making the allowable  
9 for the 640?

10 A At the present demand for gas in this pool, they wouldn't  
11 quite produce top allowable for the 640-acre section.

12 Q Have you furnished the off-set owners with copies of your  
13 application?

14 A Yes, sir. We have by copy of our application dated  
15 September 1, 1971.

16 Q What off-set operators were furnished with copies?

17 A The Gulf Oil Company and the Atlantic Richfield Company.

18 Q They own the off-set acreage to the East and West, and to  
19 the South and the diagonal off-sets?

20 A Yes, sir.

21 Q Have you had any objection from these companies --

22 A No, we have not.

23 Q -- of your application? You don't know of any objection?

24 A To the best of my knowledge, we have had no objection, I  
25 guess would be a better --



1 Q And in your opinion, will the granting of this application  
2 be in the interest of the protection of correlative rights?

3 A It will help greatly to protect correlative rights on this  
4 section.

5 MR. HINKLE: We would like to offer in evidence  
6 Exhibits One through Five.

7 MR. UTZ: Without objection, Exhibits One through  
8 Five will be entered into the record of this case.

9 MR. HINKLE: That is all on direct.

10 MR. UTZ: Are there questions of the witness?  
11 May be excused.

12 MR. HINKLE: Thank you.

13 (Witness excused)

14 MR. UTZ: Statements? No statements, take the  
15 case under advisement.

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1	<u>I N D E X</u>		
2	WITNESS:		PAGE
3	JOHN BARBE		
4	Direct Examination by Mr. Hinkle		2
5			
6			
7			
8			
9	<u>EXHIBITS</u>	<u>MARKED</u>	<u>OFFERED AND ADMITTED</u>
10	Applicant's One through		
11	Five	2	8
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1 STATE OF NEW MEXICO )  
2 )  
3 COUNTY OF BERNALILLO)

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

11  
12 Linda Malone  
13 Court Reporter  
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I do hereby certify that the foregoing is  
a complete record of the proceedings in  
the hearing of Case No. 14621  
heard by me on Sept. 24, 1971  
Linda Malone, Reporter  
New Mexico Oil Conservation Commission



# OIL CONSERVATION COMMISSION

**STATE OF NEW MEXICO**

**P. O. BOX 2088 - SANTA FE**

**87501**

October 5, 1971

GOVERNOR  
BRUCE KING  
CHAIRMAN

**LAND COMMISSIONER  
ALEX J. ARMIJO  
MEMBER**

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

Mr. Clarence Hinkle  
Hinkle, Bondurant, Cox & Eaton  
Attorneys at Law  
Post Office Box 10  
Roswell, New Mexico 88201

Re: Case No. 4601

Order No. R-3700-A

**Applicant:**

Humble Oil & Refining Co.

Dear Sir:

Enclosed herewith are two copies of the above-referenced Commission order recently entered in the subject case.

Very truly yours,

A. L. Porter, Jr.

A. L. PORTER, Jr.  
Secretary-Director

ALP/ir

Copy of order also sent to:

Hobbs OCC **x**

Artesia OCC

Aztec OCC

**Other**

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. 4601  
Order No. R-3700-A

APPLICATION OF HUMBLE OIL &  
REFINING COMPANY FOR THE  
REDEDICATION OF ACREAGE, LEA  
COUNTY, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 a.m. on September 29, 1971, at Santa Fe, New Mexico, before Examiner Elvis A. Utz.

NOW, on this 5th day of October, 1971, 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, Humble Oil & Refining Company, is the operator of the New Mexico "G" State Wells 2 and 6, located, respectively, in Units P and M of Section 26, Township 21 South, Range 36 East, NMPM, Lea County, New Mexico.

(3) That by Order No. R-3700, effective April 1, 1969, a 640-acre standard gas proration unit in the Eumont Gas Pool comprising all of said Section 26 was established and simultaneously dedicated to the Humble Oil & Refining Company New Mexico State "G" Well No. 2, located in Unit P of said Section 26, and to the Humble Oil & Refining Company New Mexico State "G" Well No. 4, located in Unit G of said Section 26.

-2-

CASE NO. 4601  
Order No. R-3700-A

(4) That the Humble Oil & Refining Company New Mexico State "G" Well No. 6 has been reclassified as a Eumont gas well.

(5) That the above-described Well No. 4 is shut-in.

(6) That the applicant, Humble Oil & Refining Company seeks the amendment of Order No. R-3700 to permit the simultaneous dedication of the above-described unit to its above-described wells Nos. 2 and 6 rather than the above-described Wells Nos. 2 and 4.

(7) That the subject gas proration unit can be efficiently and economically drained and developed by the New Mexico State "G" Wells Nos. 2 and 6.

(8) That approval of the subject application will afford the applicant the opportunity to produce its just and equitable share of the gas in the Eumont Gas Pool, and will otherwise prevent waste and protect correlative rights.

IT IS THEREFORE ORDERED:

(1) That, effective as of October 1, 1971, the applicant, Humble Oil & Refining Company is hereby authorized to dedicate the 640-acre standard gas proration unit in the Eumont Gas Pool comprising all of Section 26, Township 21 South, Range 36 East, NMPM, Lea County, New Mexico, authorized by Order No. R-3700, to its New Mexico State "G" Wells Nos. 2 and 6, located in Units P and M, respectively, of said Section 26.

(2) That Order No. R-3700 shall in all other respects remain the same.

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

-3-


CASE NO. 4601  
Order No. R-3700-A

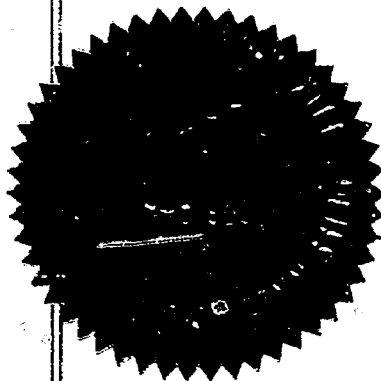
DONE at Santa Fe, New Mexico, on the day and year herein-  
above designated.

STATE OF NEW MEXICO  
OIL CONSERVATION COMMISSION

  
BRUCE KING, Chairman

  
ALEX J. ARMIJO, Member

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



S E A L

dr/

the above-described wells Nos. 2 and 4.

(7) That the subject gas production unit can be efficiently and economically drained and developed by the New Mexico State "G" Wells Nos. 2 and 4.

(8) That approval of the subject application will afford the applicant the opportunity to produce its just and equitable share of the gas in the Eminent Gas Pool, and will otherwise prevent waste and protect correlative rights.

Ordered:

(1) That, effective as of October 1, 1971, the applicant, Humble Oil & Refining Company is hereby authorized to operate the 640-acre standard gas production unit in the Eminent Gas Pool comprising all of Section 26, Township 21 South, Range 36 East, N 41 P M, Lea County, New Mexico, authorized by Order No. R-3700, to its New Mexico State "G" Wells Nos. 2 and 4 located in Units P and M, respectively, of said Section 26.

(2) That Order No. R-3700 shall in all other respects remain the same.

(3) Dues —



Case 4601

Finds:

(3) That by Order No. R-3700, ~~dated March 12, 1969,~~ effective April 1, 1969, a 640-acre standard gas production unit in the Emmett Gas Pool comprising all of Section 26, Township 21 South, Range 36 East, NM PM, Lea County, New Mexico, was established and simultaneously dedicated to the Humble Oil & Refining Company New Mexico State "G" well No. 2, located in Unit P of said Section 26, and to the Humble Oil & Refining Company New Mexico State "G" well No. 4, located in Unit G of said Section 26.

~~That~~ That the Humble Oil & Refining Company New Mexico State "G" well No. 6 ~~has been~~ located in Unit M of said Section 26 has been reclassified as a Emmett ~~gas~~ gas well.

(5) ~~That~~ That the above-described well No. 4 is shut-in.

(6) ~~That~~ That the applicant, Humble Oil & Refining Company seeks the amendment of Order No. R-3700 to permit the simultaneous dedication of the above-described unit to its above-described ~~two~~ wells Nos. 2 and 6 rather than

Case #601

Heard 9-29-71

Rec. 10-1-71

Grant Humble permission to  
~~dedicate~~ a replacement  
well in sec. 26-215-26E-  
Tumout Gas Pool which now has  
the H. Men. lt. #1 lt. #5 & #6. They  
want to replace the #4 with  
the #6.

Thos. Q. [Signature]

OIL CONSERVATION COMMISSION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

September 7, 1971

*Case 4601*

C  
O  
P  
Y

Humble Oil & Refining Co.  
P. O. Box 1600  
Midland, Texas 79701

Attention: Mr. L. H. Byrd

DOCKET MARKED

Date 9-17-71

Re: Request to Reallocate 640-acre  
Proration Unit, Section 26,  
Township 21 South, Range 26 East,  
Lea County, to New Mexico "G"  
State Wells 2 and 6

Gentlemen:

As your request, as shown above, is not eligible for administrative approval, it has been set up for an examiner hearing on September 29, 1971. A copy of the docket will be mailed to you.

Yours very truly,

GEORGE M. HATCH  
Attorney

GMH/dr

HUMBLE OIL & REFINING COMPANY  
POST OFFICE BOX 1600 • MIDLAND, TEXAS 79701  
September 1, 1971

RECEIVED  
SEP 6-1971  
M. J. [illegible]

PRODUCTION DEPARTMENT  
MIDCONTINENT DIVISION  
L. H. BYRD  
MANAGER

Re: Request to Reallocate 640-acre  
Proration Unit, Section 26,  
T-21-S, R-26-E, Lea County, to  
New Mexico "G" State Wells 2 & 6

New Mexico Oil Conservation Commission  
P. O. Box 2088  
Santa Fe, New Mexico 87501

Attention: Mr. A. L. Porter, Jr.

Gentlemen:

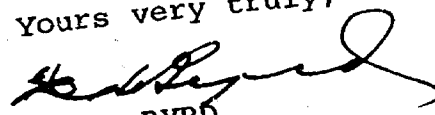
Humble Oil & Refining Company respectfully requests administrative approval to reallocate the allowable for the 640-acre standard proration unit, now assigned to New Mexico "G" state Wells 2 and 4, to Wells 2 and 6, with authority to produce from either well in any proportion. Well No. 6 is located in Unit M and Well No. 2 is located in Unit P of Section 26, T-21-S, R-36-E. A plat of the area is attached.

New Mexico State "G" 6 was classified as a Eumont oil well until the Commission reclassified it as a gas well effective September 1, 1971, based on the latest gas-oil ratio test. The following is a list of recent production tests:

Date	Hours	Mcf/Day	Bbls. Oil	Bbls. Water	GOR N/A	T.P. 30#
3-7-71	24	155	0	0	N/A	30#
6-23-71	24	180	0	0	N/A	30#

A copy of this request has been furnished the two offset operators, Gulf Oil Company and Atlantic Richfield Company. If this request can not be granted administratively, please set this for a hearing at the earliest possible date. Your consideration of this request will be appreciated.

Yours very truly,

  
L. H. BYRD

HNR/rs  
See attached list for  
Distribution of copies.

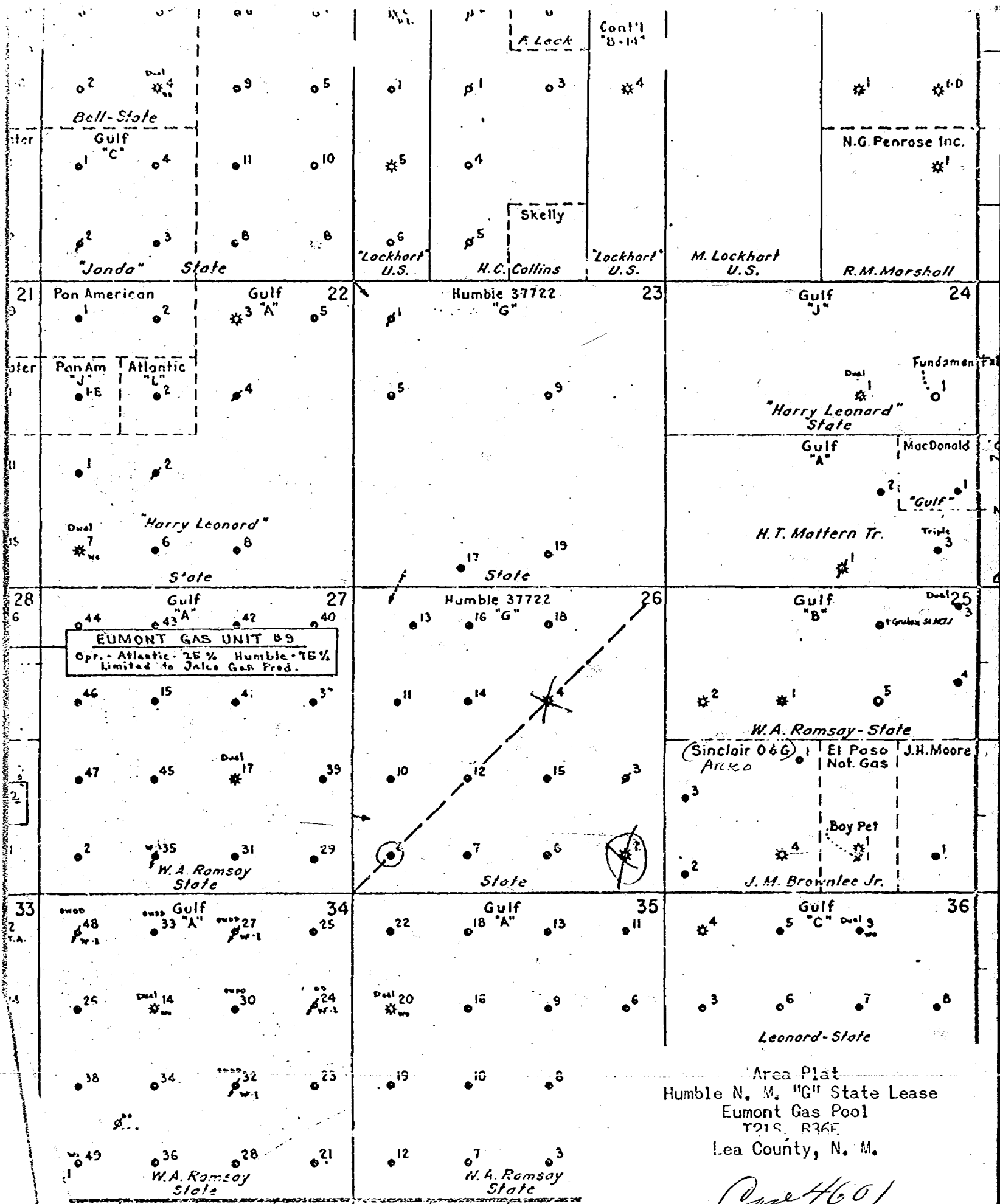
New Mexico Oil Conservation Commission  
Santa Fe, New Mexico  
Page 2

Copies to:

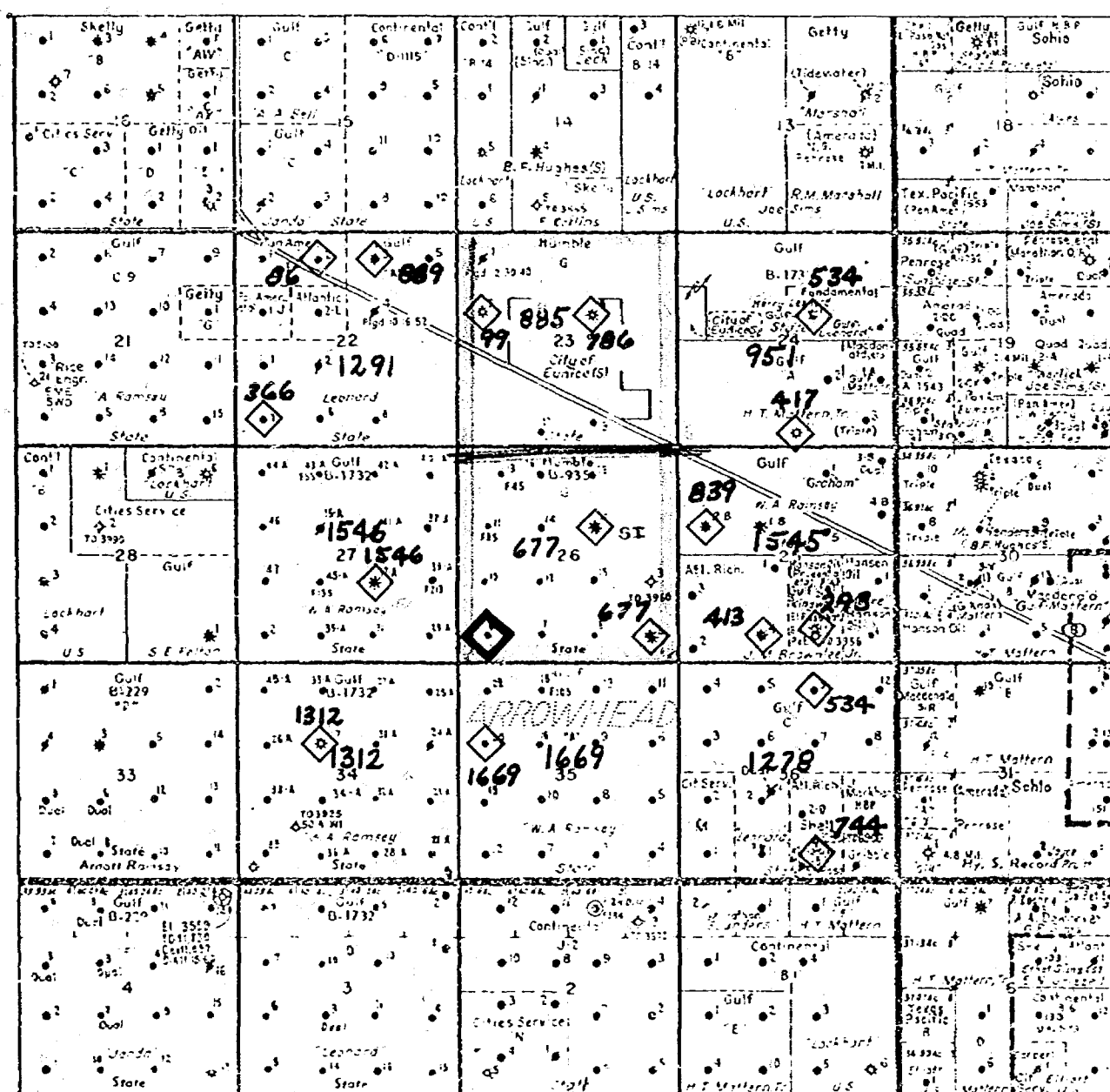
Gulf Oil Company  
Gulf Building  
Midland, Texas 79701

Atlantic Richfield Company  
Atlantic Richfield Building  
Midland, Texas 79701

Mr. Joe D. Ramey  
New Mexico Oil Conservation Commission  
Hobbs, New Mexico



BEFORE EXAMINER UTZ  
FEDERAL CONSERVATION COMMISSION  
*Applied* EXHIBIT NO. 1  
NO. 4601



**LEGEND**

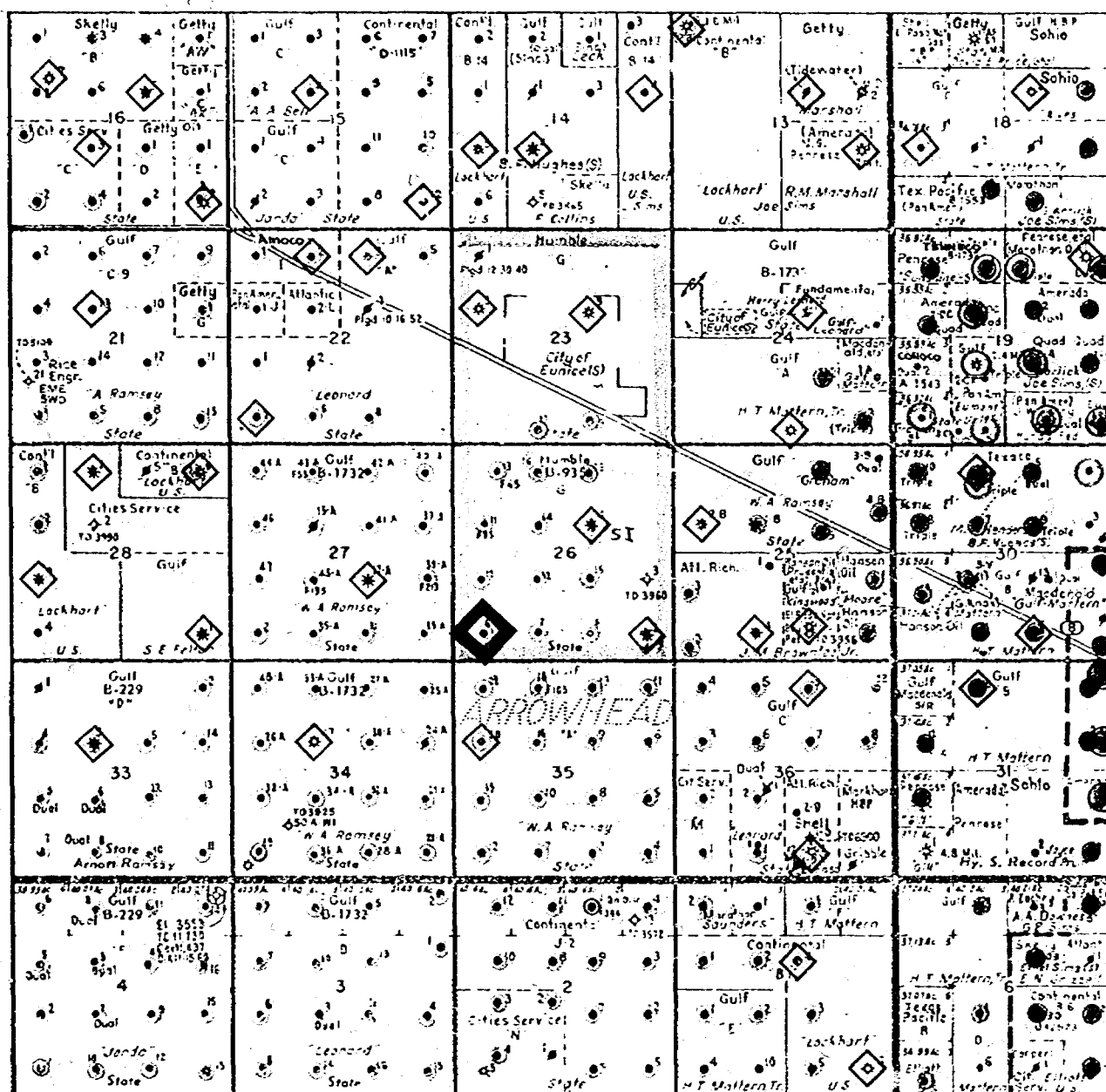
**366** 1970 Average Production MCF/Day  
**1291** Section Totals

**HUMBLE OIL & REFINING COMPANY**  
Midcontinent Division  
Production Department      Andrews District

New Mexico "G" State Vicinity

Lea County, New Mexico

CASE NO. 4607



## Lea County, New Mexico

- ② Eunice South 7 Rivers Queen
- ② Eumont Yates 7 Rivers Queen
- ② Eumont (Queen) Gas
- ③ Arrowhead Grayburg
- Eunice Grayburg San Andres
- ① Blinebry
- Penrose Skeilly
- Blinebry Gas
- Drinkard



Humble Oil & Refining Company

New Mexico "G" State #2  
Recent Production History

	Month	Oil BBL/MO.	Water BBL/MO.	Gas MCF/MO.	GOR SCF/BBL.
1970	Jan.	0	0	22,259	-
	Feb.	0	0	17,556	-
	Mar.	0	0	21,511	-
	Apr.	0	0	22,150	-
	May	0	0	21,367	-
	June	0	0	18,161	-
	July	0	0	22,082	-
	Aug.	0	0	22,257	-
	Sept.	0	0	19,409	-
	Oct.	0	0	20,509	-
	Nov.	0	0	19,456	-
	Dec.	0	0	20,470	-
1971	Jan.	0	0	23,980	-
	Feb.	0	0	18,733	-
	Mar.	0	0	20,221	-
	Apr.	0	0	19,515	-
	May	0	0	18,921	-
	June	0	0	20,717	-
	July	0	0	20,045	-
	Aug.	0	0	19,632	-

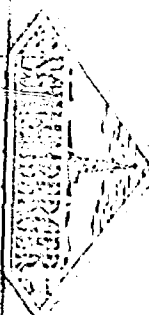
Well Location: Unit P, Sec. 26, T-21-S, R-36-E

BEFORE EXAMINER UTZ
OIL CONSERVATION COMMISSION
<i>Applicant's</i> EXHIBIT NO. <u>3</u>
CASE NO. <u>4601</u>

JAB/sg  
9-27-71

# 3

# **SOLIMBERG WELL SURVEYING CORPORATION** HOUSTON, TEXAS



*James H. Solimberg*  
President

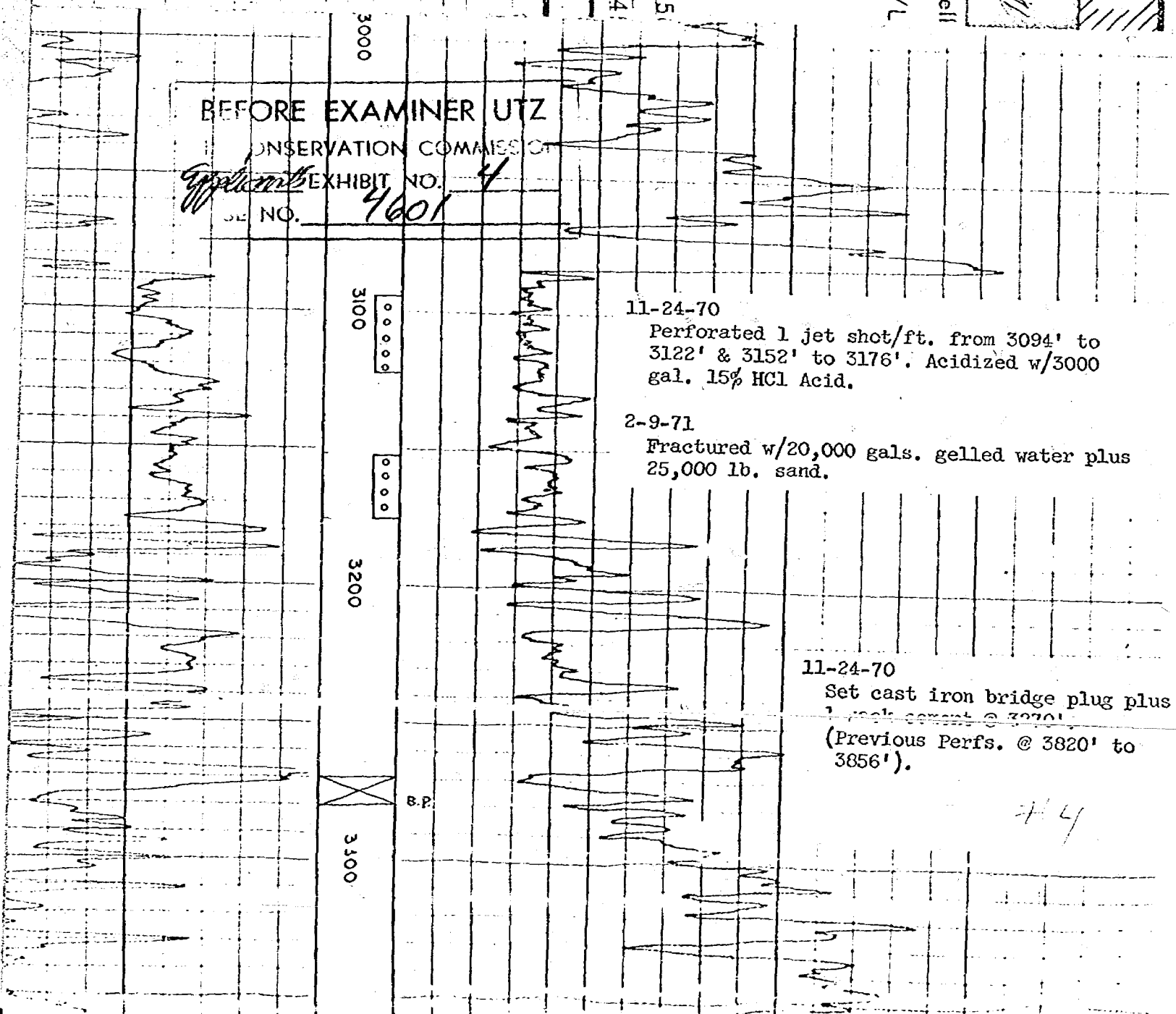
COUNTY Lea  
FIELD or LOCATION Eumont  
WELL State "G" # 6

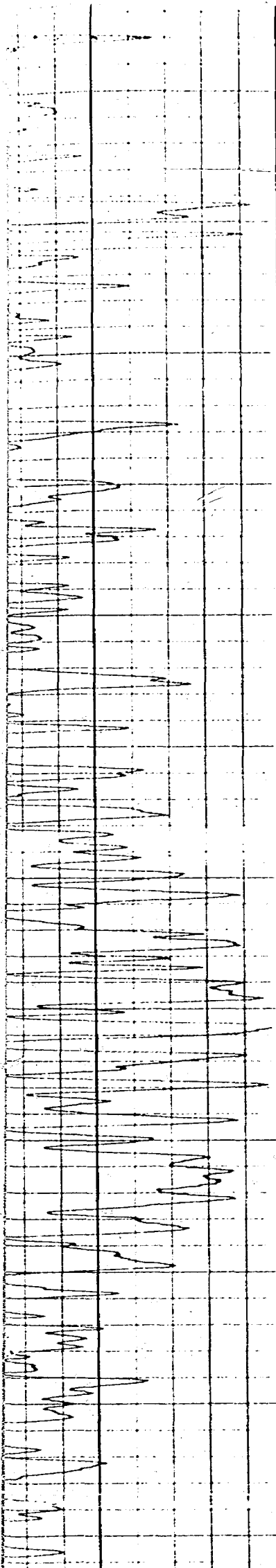
COMPANY Humble Oil & Refining Company

COMPANY HUMBLE OIL & REFINING COMPANY  
WELL STATE "G" # 6  
FIELD EUMONT  
LOCATION SEC. 26, 21S, 33E  
COUNTY LEA  
STATE NEW MEXICO

Location of Well  
660' ± S&W/L  
GRN (MLL LL)  
Elevation: D.F. 355  
K.B. 354  
or G.L. 354  
FILING No.           

RUN NO.	<u>1</u>
Date	<u>2-25-57</u>
Depth Reference	<u>KB 11.50' Abv. GL</u>
First Reading	<u>3925</u>
Last Reading	<u>0</u>
Footage Measured	<u>3925</u>
Max. Depth Reached	<u>3926</u>
Bottom Driller	<u>3926</u>
Maximum Temp. F.	<u>93</u>
Mud: Nature	<u>Salt Gel</u>
Density	<u>10.7</u>
Viscosity	<u>37</u>
Resistivity	<u>08 @ 60 F.</u>
Casing Size &	<u>8 5/8" to 317</u>
Weight	<u>2 to 3765</u>
Open Hole	<u>7 7/8" to 3765</u>
Fluid Level	<u>73/16" to TD</u>
Recording Speed (ft/hr)	<u>2000' &amp; 4000'</u>
Sensitivity (cc)	<u>GR) 300 (N) 400</u>
Time Constant	<u>2-1 2-1</u>





RAY FIRST READING

FR 3925  
TO 3926

3400

3500

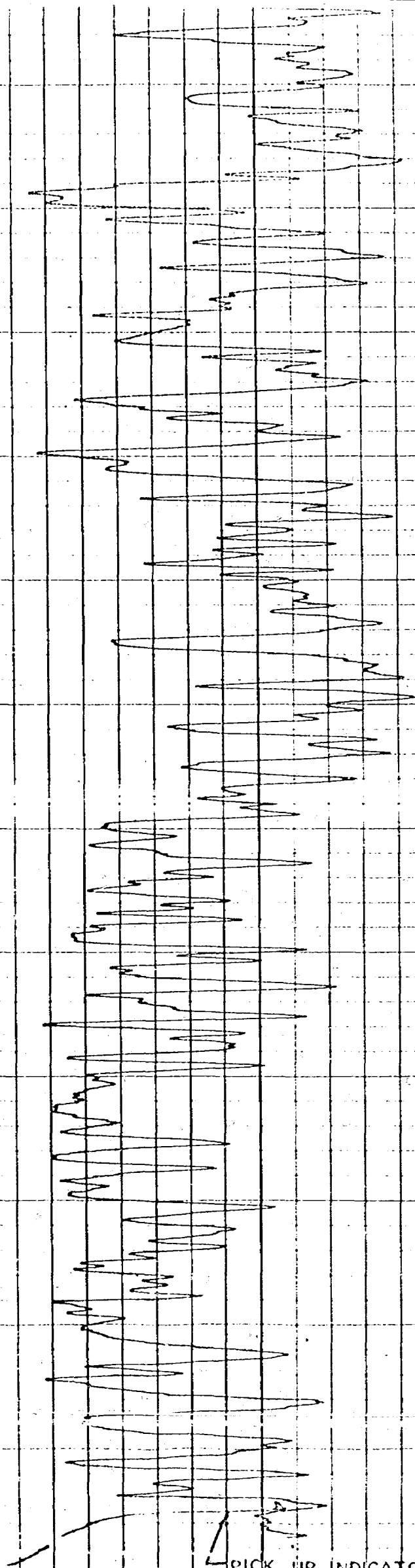
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PICK UP INDICATOR

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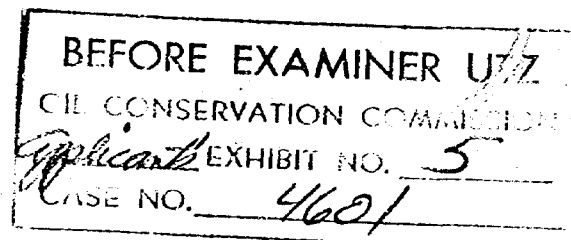
Humble Oil & Refining Company

New Mexico "G" State #6  
Recent Test History

Date	Hours	Bbls Oil	Bbls Water	MCF Gas	GOR
6/17/70	24	5	6	75	15000
12/1/70*	24	0	0	133	-
3/7/71	24	0	0	155	-
6/23/71	24	0	0	180	-

Well Location: Unit M, Sec. 25, T-21-S, R-36-E

\* Well reperforated 11/24/70



JAB/sg  
9-27-71

#5

DRAFT

GMH/dr

BEFORE THE OIL CONSERVATION COMMISSION  
OF THE STATE OF NEW MEXICO

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

CASE No. 4601

Order No. R- 3700-A

APPLICATION OF HUMBLE OIL &  
REFINING COMPANY FOR THE  
REDEDICATION OF ACREAGE, LEA  
COUNTY, NEW MEXICO.

*[Signature]*  
10-11-71

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 a.m. on September 29, 1971,  
at Santa Fe, New Mexico, before Examiner Elvis A. Utz.

NOW, on this            day of October, 1971, 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, Humble Oil & Refining Company, is  
the operator of the New Mexico "G" State Wells 2 and 6, located,  
respectively, in Units P and M of Section 26, Township 21 South,  
Range <sup>36</sup>~~37~~ East, NMPM, Lea County, New Mexico.

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CASE NO. 4601

Order No. R-3700-A

(3) That by Order No. R-3700, effective April 1, 1969, a 640-acre standard gas proration unit in the Eumont Gas Pool comprising all of <sup>said</sup> Section 26, ~~Township 21 South, Range 36 East, NMDM, Lea County, New Mexico,~~ was established and simultaneously dedicated to the Humble Oil & Refining Company New Mexico State "G" Well No. 2, located in Unit P of said Section 26, and to the Humble Oil & Refining Company New Mexico State "G" Well No. 4, located in Unit G of said Section 26.

(4) That the Humble Oil & Refining Company New Mexico State "G" Well No. 6, ~~located in Unit M of said Section 26~~ has been reclassified as a Eumont gas well.

(5) That the above-described Well No. 4 is shut-in.

(6) That the applicant, Humble Oil & Refining Company seeks the amendment of Order No. R-3700 to permit the simultaneous dedication of the above-described unit to its above-described wells Nos. 2 and 6 rather than the above-described Wells Nos. 2 and 4.

(7) That the subject gas proration unit can be efficiently and economically drained and developed by the New Mexico State "G" Wells Nos. 2 and 6.

(8) That approval of the subject application will afford the applicant the opportunity to produce its just and equitable share of the gas in the Eumont Gas Pool, and will otherwise prevent waste and protect correlative rights.

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CASE NO. 4601

Order No. R- 3700-A

IT IS THEREFORE ORDERED:

(1) That, effective as of October 1, 1971, the applicant, Humble Oil & Refining Company is hereby authorized to dedicate the 640-acre standard gas proration unit in the Eumont Gas Pool comprising all of Section 26, Township 21 South, Range 36 East, NMPM, Lea County, New Mexico, authorized by Order No. R-3700, to its New Mexico State "G" Wells Nos. 2 and 6, located in Units P and M, respectively, of said Section 26.

(2) That Order No. R-3700 shall in all other respects remain the same.

(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.

CASE 4602: Application of TENNECO  
FOR AN UNORTHODOX OIL WELL LOCA-  
TION, SAN JUAN COUNTY, N. M.