

Case Number  
4788

Application

Transcripts

Small Exhibits

ETC.

dearnley, meier & mc cormick

200 SIMMS BLDG. P.O. BOX 1092 • PHONE 243-6691 • ALBUQUERQUE, NEW MEXICO 87103  
1216 FIRST NATIONAL BANK BLDG. EAST • ALBUQUERQUE, NEW MEXICO 87108

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BEFORE THE  
NEW MEXICO OIL CONSERVATION COMMISSION  
CONFERENCE ROOM, STATE LAND OFFICE BUILDING  
SANTA FE, NEW MEXICO

August 9, 1972

EXAMINER HEARING

IN THE MATTER OF:

Application of Murphy H. Baxter  
for an unorthodox well location,  
Lea County, New Mexico.

Case No. 4788

BEFORE: Elvis A. Utz,  
Examiner.

TRANSCRIPT OF HEARING

dearnley, meier &amp; mc cormick

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1 MR. UTZ: Case 4788.

2 MR. HATCH: Case 4788: Application of Murphy H.  
3 Baxter for an unorthodox well location, Lea County, New Mexico.

4 MR. HINKLE: Clarence Hinkle, of Hinkle, Bondurant,  
5 and Christy, Roswell, appearing on behalf of the applicant.  
6 We have one witness to be sworn.

7 WILLIAM SUMNER,  
8 was called as a witness, and after being duly sworn, testified  
9 as follows:

10 DIRECT EXAMINATION

11 BY MR. HINKLE:

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

13 A My name is William Sumner, Midland, Texas, and I am  
14 employed by Murphy H. Baxter.

15 Q Have you previously testified before this Commission?

16 A Yes, sir.

17 Q And have your qualifications as a petroleum engineer  
18 been made a matter of record with the Commission?

19 A Yes, sir.

20 Q Have you made a study of the Maljamar, Grayburg-San  
21 Andres Pool, which is involved in this application?

22 A Yes, sir.

23 MR. HINKLE: Are the witness's qualification  
24 accepted?

25 MR. UTZ: Yes, they are. How do you spell your

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1 last name?

2 THE WITNESS: S-u-m-n-e-r.

3 Q (By Mr. Hinkle) Are you familiar with the application  
4 of Murphy Baxter in Case 4788?

5 A Yes, sir.

6 Q What is he seeking to accomplish?

7 A To drill a producing well located approximately in the  
8 center of the Southwest quarter of Section 18, Township  
9 17 South, Range 33 East in the Maljamar, Grayburg-  
10 San Andres, Pool, Lea County, New Mexico.

11 Q Is this within an area which the Commission has  
12 previously approved for waterflooding?

13 A Yes, this was in a waterflood project approved by Order  
14 R-2156 in 1962.

15 Q Have you prepared, or has there been prepared under  
16 your direction, certain exhibits in this case?

17 A Yes, sir.

18 Q Referring you to Exhibit Number One, would you explain  
19 what it is and what it shows?

20 A Exhibit One shows the project area outlined in red that  
21 was approved by Order R-2156. It also shows the  
22 location of the proposed unorthodox well. It also  
23 shows the producing wells in the area and the water  
24 injection wells.

25 Q Referring you to Exhibit Number Two, would you explain

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1 what that shows?

2 A Exhibit Two is a structure map that was contoured on  
3 a marker in the Grayburg. It also shows the line of  
4 the cross section that is shown on Exhibit Number Three.

5 Q Does it show the injection wells in the project area?

6 A No, it does not. Those are shown on the ownership  
7 map, Exhibit One.

8 Q Referring you to Exhibit Number Three, would you explain  
9 that, please?

10 A Exhibit Three is just a cross section through the  
11 proposed location showing the producing intervals and  
12 how they are correlated through the proposed location.

13 Q Do you have any information as to water injection  
14 history?

15 A Yes, sir. On Exhibit Four is a record of the  
16 accumulative water injection data.

17 Q What are the totals there?

18 A The total of all the wells?

19 Q Yes.

20 A The total of all the wells is 6,407,791 barrels of water.

21 Q And this has been going on since when?

22 A Since 1962, it commenced in August, 1962.

23 Q Have you gotten pretty good response?

24 A We have had response that's now on the decline, and  
25 that's the purpose for the unorthodox well, to get

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1 additional oil.

2 Q That's the reason for this particular location?

3 A Yes, sir.

4 Q How much additional secondary oil do you anticipate  
5 you might recover from this additional well?

6 A We anticipate or hope we will get 93,000 additional  
7 barrels.

8 Q Do you intend to set a pattern by this application so  
9 you might possibly try additional wells in each of the  
10 other 160-acre units that are within the project area?

11 A Yes, sir. If this application is approved by the  
12 Commission and the well is successful, we will want to  
13 drill in each quarter section.

14 Q Would you, if this is approved by the Commission, would  
15 you like the order to provide that you can obtain  
16 administrative approval for the drilling of these  
17 additional wells rather than separate hearings?

18 A Yes, we sure would.

19 Q In your opinion, would the drilling of this well be in  
20 the interest of conservation and the prevention of waste?

21 A Yes, sir.

22 Q And tend to protect correlative rights?

23 A Yes, sir.

24 MR. HINKLE: We would like to offer Exhibits One  
25 through Four.

1 MR. UTZ: Without objection, Exhibits One through  
2 Four will be entered into the record of this case.

3 (Whereupon Applicant's Exhibits One through Four  
4 were admitted in evidence.)

5 MR. HINKLE: That's all the direct I have.

6 \* \* \* \*

7 CROSS EXAMINATION

8 BY MR. UTZ:

9 Q Mr. Sumner, did you request administrative approval  
10 for additional wells in your application?

11 A No, sir.

12 MR. HINKLE: We did not. I don't know whether you  
13 would be permitted to put that in the order or not, but if  
14 you are, we would like to have it.

15 MR. UTZ: Are there any further questions of this  
16 witness?

17 (No response)

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

19 (Witness excused.)

20 MR. UTZ: Any statements in this case?

21 (No response)

22 MR. UTZ: Case 4788 will be taken under advisement.  
23  
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25

dearnley, meier & mc cormick

209 SIMMS BLDG., P.O. BOX 1092, PHONE 243-6691, ALBUQUERQUE, NEW MEXICO 87103  
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1 STATE OF NEW MEXICO )  
2 ) SS  
3 COUNTY OF BERNALILLO )  
4

5 I, RICHARD E. McCORMICK, a Certified Shorthand  
6 Reporter, in and for the County of Bernalillo, State of  
7 New Mexico, do hereby certify that the foregoing and attached  
8 Transcript of Hearing before the New Mexico Oil Conservation  
9 Commission was reported by me; and that the same is a true  
10 and correct record of the said proceedings to the best of  
11 my knowledge, skill and ability.  
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*Richard E. McCormick*  
CERTIFIED SHORTHAND REPORTER

I do hereby certify that the foregoing is  
a complete record of the proceedings in  
the Examiner hearing of Case No. 4288  
heard by me Aug 9, 1958  
*[Signature]* Examiner  
New Mexico Oil Conservation Commission



dearnley, meier &amp; mc cormick

200 SIMMS BLDG., P.O. BOX 1092, PHONE 243-6691, ALBUQUERQUE, NEW MEXICO 87103  
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25I N D E XWITNESSPAGE

WILLIAM SUMNER

Direct Examination by Mr. Hinkle

3

Cross Examination by Mr. Utz

7

E X H I B I T SAPPLICANT'SADMITTEDOFFERED

Exhibit #1	Ownership map	7	4
Exhibit #2	Structure map	7	5
Exhibit #3	Cross section	7	5
Exhibit #4	Water injection data	7	5



# OIL CONSERVATION COMMISSION

**STATE OF NEW MEXICO**  
**P. O. BOX 2088 - SANTA FE**  
**87501**

GOVERNOR  
BRUCE KING  
CHAIRMAN

**LAND COMMISSIONER  
ALEX J. ARMJO  
MEMBER**

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

September 8, 1972

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

Re: Case No. 4788  
Order No. R-2156-B  
Applicant:  
  
MURPHY H. BAXTER

**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.  
Secretary-Director

ALP/ir

Copy of order also sent to:

Hobbs OCC   X    
Artesia OCC \_\_\_\_\_  
Aztec OCC \_\_\_\_\_

**Other** \_\_\_\_\_



# OIL CONSERVATION COMMISSION

**STATE OF NEW MEXICO**  
**P. O. BOX 2088 - SANTA FE**  
**87501**

GOVERNOR  
BRUCE KING  
CHAIRMAN

**LAND COMMISSIONER  
ALEX J. ARMIJO  
MEMBER**

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

August 23, 1972

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

Re: Case No. 4788  
Order No. R-2156-A  
Applicant:  
Murphy H. Baxter

**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.  
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 THE STATE OF  
NEW MEXICO FOR THE PURPOSE  
OF CONSIDERING:

CASE NO. 4788  
Order No. R-2156-B

APPLICATION OF MURPHY H. BAXTER  
FOR AN UNORTHODOX WELL LOCATION,  
LEA COUNTY, NEW MEXICO.

NUNC PRO TUNC ORDER

BY THE COMMISSION:

It appearing to the Commission that Order No. R-2156-A,  
dated August 22, 1972, does not correctly state the intended  
order of the Commission:

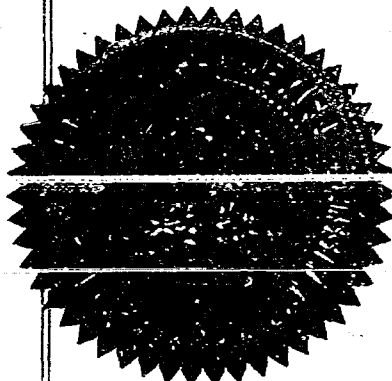
IT IS THEREFORE ORDERED:

(1) That Paragraph (1) on Page 2 of Order No. R-2156-A  
is hereby corrected to read in its entirety as follows:

"(1) That the applicant, Murphy H. Baxter, is hereby  
authorized to drill a well at an unorthodox location 1295 feet  
from the South line and 1411 feet from the West line of Sec-  
tion 18, Township 17 South, Range 33 East, NMPM, Maljamar  
(Grayburg-San Andres) Pool, Lea County, New Mexico, as a pro-  
ducing well in its Maljamar (Grayburg-San Andres) Unit Waterflood  
Project."

(2) That this order shall be effective nunc pro tunc as  
of August 22, 1972.

DONE at Santa Fe, New Mexico, this 7th day of September,  
1972.



S E A L  
dr/

STATE OF NEW MEXICO  
OIL CONSERVATION COMMISSION

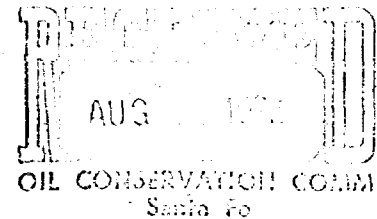
*Bruce King*  
BRUCE KING, Chairman

*Alex J. Armitage*  
ALEX J. ARMITAGE, Member

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

*Handwritten:*  
JMB  
Not  
issue a name protest  
to Order No. R-2156-A  
correcting the location to

MURPHY H. BAXTER  
814 BUILDING OF THE SOUTHWEST  
MIDLAND, TEXAS 79701  
August 30, 1972



Mr. A. L. Porter, Secretary  
Oil Conservation Commission  
State of New Mexico  
P. O. Box 2088  
Santa Fe, New Mexico 87501

RE: Order No. R-2156-A

Dear Mr. Porter:

In the above order, we had requested an unorthodox location in the approximate center of the SW/4 of Section 18, Township-17 South, Range-33 East. The order approved a location 1,310 feet from the south and west lines of Section 18. This location was staked and found to be on the edge of the caprock.

We request that the location be amended to be 1,295 feet from the south line and 1,411 feet from the west line of Section 18. This location would be located in Unit N, 25 feet from the north and west line of Unit. Please note on the attached plat that Unit M of Section 18 is 42 acres, and the distance on an east-west line across Unit would be approximately 1,386 feet.

If you need any additional information, please let me know.

Very truly yours,

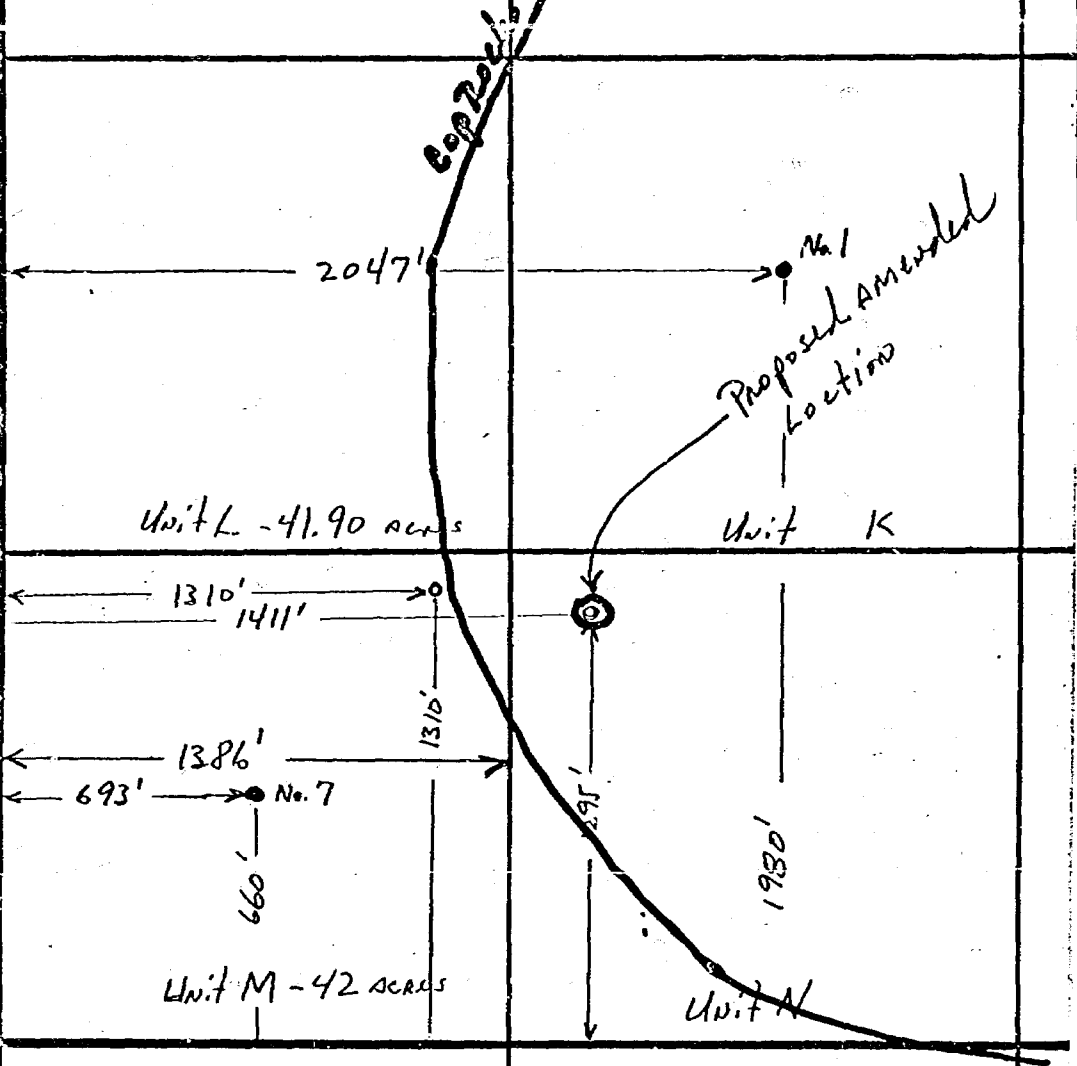
*W. U. Sumner*  
W. U. Sumner

WUS:ecs

Enclosures

Section 13  
T-17-32

Section 18



Section 24  
T-17-32

ction 19  
17-33  
Mexico

Lee County New Mexico

**SOLD BY MIRA AND MAP COMPANY**

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. 4788  
Order No. R-2156-A

APPLICATION OF MURPHY H. BAXTER  
FOR AN UNORTHODOX WELL LOCATION,  
LEA COUNTY, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 a.m. on August 9, 1972,  
at Santa Fe, New Mexico, before Examiner Elvis A. Utz.

NOW, on this 22nd day of August, 1972, 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, Murphy H. Baxter, is the operator  
of the Murphy H. Baxter Maljamar (Grayburg-San Andres) Water-  
flood Project authorized by Order No. R-2156, Maljamar (Grayburg-  
San Andres) Pool, Lea County, New Mexico.
- (3) That the applicant seeks authority to drill a well  
at an unorthodox location approximately in the center of the  
SW/4 of Section 18, Township 17 South, Range 33 East, NMPM,  
Lea County, New Mexico, as a producing well in said Maljamar  
(Grayburg-San Andres) Unit Waterflood Project.
- (4) That the proposed unorthodox location is necessary to  
provide an efficient oil producing pattern.
- (5) That the applicant also seeks the establishment of an  
administrative procedure whereby the Secretary-Director of the  
Commission may authorize additional producing wells and injection  
wells at orthodox and unorthodox locations within said Maljamar  
(Grayburg-San Andres) Unit Waterflood Project area as may be  
necessary to complete an efficient production and injection  
pattern.

-2-

Case No. 4788  
Order No. R-2156-A

(6) That approval of the requested administrative procedure will afford the applicant the opportunity to produce its just and equitable share of the oil in the Maljamar (Grayburg-San Andres) Pool, provided said wells are drilled no closer than 330 feet to the outer boundary of the above-described unit area nor closer than 10 feet to any quarter-quarter section or subdivision inner boundary.

(7) That the subject waterflood project should be governed by the provisions of Rules 701, 702, and 703 of the Commission Rules and Regulations, provided however, that the showing of well response as required by Rule 701 E-5 shall not be necessary before obtaining administrative approval for the conversion of additional wells to water injection.

IT IS THEREFORE ORDERED:

(1) That the applicant, Murphy H. Baxter, is hereby authorized to drill a well at an unorthodox location 1310 feet from the South line and 1310 feet from the West line of Section 18, Township 17 South, Range 33 East, NMPM, Maljamar (Grayburg-San Andres) Pool, Lea County, New Mexico, as a producing well in its Maljamar (Grayburg-San Andres) Unit Waterflood Project.

(2) That Order (2) of Order No. R-2156 is hereby amended to read in its entirety as follows:

"(2) That the subject waterflood project shall be governed by the provisions of Rules 701, 702, and 703 of the Commission Rules and Regulations;

PROVIDED HOWEVER, that the Secretary-Director of the Commission may approve such additional producing wells and injection wells at orthodox and unorthodox locations within the Maljamar (Grayburg-San Andres) Unit Waterflood Project area as may be necessary to complete an efficient production and injection pattern, provided said wells are drilled no closer than 330 feet to the outer boundary of the Maljamar (Grayburg-San Andres) Unit Area nor closer than 10 feet to any quarter-quarter section or subdivision inner boundary, and provided that the application therefor has been filed in accordance with Rule 701 B of the Commission Rules and Regulations, and provided that the application has been sent to all offset operators, if any there be, and no such operator has objected within 15 days. The showing of well response as required by Rule 701 E-5 shall not be necessary before obtaining administrative approval for the conversion of additional wells to water injection."

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

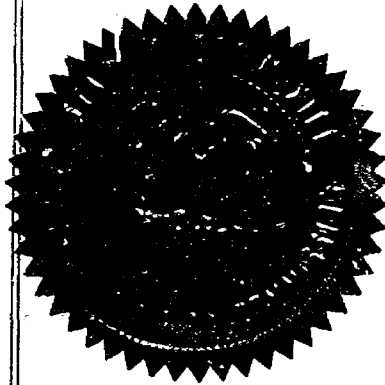


-3-

Case No. 4788

Order No. R-2156-A

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



STATE OF NEW MEXICO  
OIL CONSERVATION COMMISSION

*Bruce King*  
BRUCE KING, Chairman

*Alex J. Armiijo*  
ALEX J. ARMIJO, Member

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

S E A L

dr/

DOCKET: EXAMINER HEARING - WEDNESDAY - AUGUST 9, 1972

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

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

- CASE 4785: Application of Gulf Oil Corporation for rededication of acreage and a non-standard proration unit, Lea County, New Mexico. Applicant, in the above-styled cause, seeks the consolidation of a 40-acre non-standard proration unit comprising the SE/4 NW/4 of Section 28 and an 80-acre non-standard proration unit comprising the W/2 NE/4 of Section 28; Township 21 South, Range 37 East, Blinbry Gas Pool, Lea County, New Mexico, to form a 120-acre non-standard proration unit. Applicant also seeks permission to produce the allowable assigned to said 120-acre unit from its Eunice King Wells Nos. 5 and 9 located, respectively, in Units F and G of said Section 28 in any proportion.
- CASE 4786: Application of Highland Production Company for salt water disposal, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to dispose of produced salt water into the Delaware formation in the open-hole interval from 4378 feet to 4418 feet in its Russell Federal Well No. 6 located in Unit K of Section 20, Township 26 South, Range 32 East, East Mason-Delaware Pool, Lea County, New Mexico.
- CASE 4787: Application of Superior Oil Company for an unorthodox well location, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks authority to drill a gas well to test the Morrow and other formations at an unorthodox location 660 feet from the North line and 990 feet from the West line of Section 5, Township 23 South, Range 27 East, South Carlsbad Field, Eddy County, New Mexico, with the N/2 of said Section 5 to be dedicated to the well.
- CASE 4788: Application of Murphy H. Baxter for an unorthodox well location, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to drill a producing well approximately in the center of the SW/4 of Section 18, Township 17 South, Range 33 East, Maljamar (Grayburg-San Andres) Pool, Lea County, New Mexico. Said well to be within the area of a waterflood project approved by Order No. R-2156.
- CASE 4789: Application of Humble Oil & Refining Company for special pool rules, Chaves County, New Mexico. Applicant, in the above-styled cause, seeks the promulgation of special rules for the Many Gates-Abo Pool, Chaves County, New Mexico, including provisions for 80-acre spacing units and wells to be located in the approximate center of the NE/4 or SW/4 of each quarter section.
- CASE 4790: Application of The Petroleum Corporation for special pool rules and a non-standard proration unit, Lea County, New Mexico. Applicant, in the above-styled cause, seeks the promulgation of special pool rules

Case #788

Heard 8-9-72

Rec. 8-9-72

Lieut Murphy Baxter  
in NSC in their Marjamar  
L-5A, waterflood for a  
producing well at least  
10 ft out of the corner of  
the SW 1/4 of sec. 18, 17N, 33E.  
The well will recover other-  
wise unrecoverable oil.

Thos. A. R.



WATER INJECTION HISTORY  
MALJAMAR (G-SA) FIELD

LEASE & WELL	DATE INT. COMMENCE)	CUMULATIVE OIL PRODUCTION	WATER INT. YR. 1971 (BBLS)	WATER INT. 6 Mo. 1972 (BBLS)	CUM. INT. TO 7-1-72 (BBLS)	CURRENT INT. RATE BPD	INT. PRESSURE psi
STATE 18-B LEASE							
2	8/62	27,730	20,663	0	512,376	0	0
4	8/62	34,851	18,284	26,766	619,312	138	2400
6	8/62	30,603	54,822	32,773	847,624	334	2400
8	8/62	28,875	42,248	18,756	875,197	117	2400
TOTAL LEASE		122,059	136,017	78,295	2,854,509	589	
STATE 18 LEASE							
2	9/63	39,084	34,352	21,899	619,395	150	2400
8	9/63	48,337	36,186	15,093	614,547	150	2400
STATE 13 LEASE							
4	11/64	39,821	36,543	4,108	503,985	150	2400
6	7/65	42,260	6,156	8,526	408,747	150	2400
TOTAL LEASE		169,502	113,237	49,626	2,146,674	(169) 600	
STATE 17 LEASE							
6	5/64	29,808	83,982	54,059	780,884	216	2400
8	6/65	29,814	62,651	14,800	625,724	362	2400
TOTAL LEASE		59,622	146,633	68,859	1,406,608	578	
GRAND TOTAL							
		351,183	395,887	196,780	6,407,791	(1,336) 1,767	

BEFORE EXAMINER UTZ  
OIL CONSERVATION COMMISSION

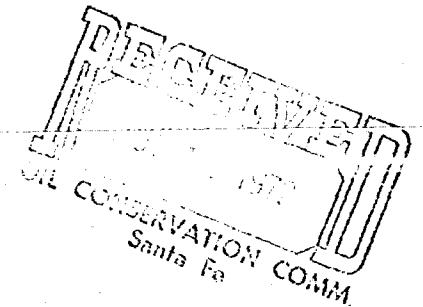
FILE NO. 4788

Aug 9/72

BEFORE THE OIL CONSERVATION COMMISSION

STATE OF NEW MEXICO

APPLICATION OF MURPHY H. BAXTER FOR )  
APPROVAL OF AN UNORTHODOX LOCATION )  
FOR A PRODUCING WELL TO BE LOCATED )  
IN THE CENTER OF THE SW $\frac{1}{4}$  SECTION 18, )  
TOWNSHIP 17 SOUTH, RANGE 33 EAST, LEA )  
COUNTY, BEING WITHIN THE MURPHY H. )  
BAXTER WATERFLOOD PROJECT APPROVED )  
UNDER ORDER R-2156 DATED JANUARY 3, )  
1962. )



Case 4788

Oil Conservation Commission  
Box 2088  
Santa Fe, New Mexico 87501

Comes Murphy H. Baxter, acting by and through the undersigned attorneys, and hereby makes application for approval of an unorthodox location for a producing well to be located in the center of the SW $\frac{1}{4}$  Section 18, Township 17 South, Range 33 East, Lea County, being within the Murphy H. Baxter Waterflood Project approved under Order R-2156 dated January 3, 1962, and in support thereof respectfully shows:

1. On January 3, 1962 Order R-2156 was entered by the Oil Conservation Commission approving the application of Murphy H. Baxter for a waterflood project in the Maljamar Pool, Lea County, New Mexico consisting of the SE $\frac{1}{4}$  Section 13, Township 17 South, Range 32 East, N $\frac{1}{2}$  Section 17, SW $\frac{1}{4}$ , E $\frac{1}{2}$  Section 18, Township 17 South, Range 33 East.
2. There is attached hereto, made a part hereof, and for purposes of identification marked Exhibit "A", a plat showing all of the producing and injection wells within the waterflood project hereinabove referred to and which also shows the ownership of the oil and gas leases within the project area and within a radius of 2 miles, said injection wells being into the Grayburg-San Andres formation.
3. Applicant desires to drill a well to be located in the approximate center of the SW $\frac{1}{4}$  Section 18, Township 17 South, Range 33 East as a producing well from the Grayburg-San Andres formation. Applicant believes that by the drilling of said well additional secondary oil and gas can be recovered which might otherwise be lost and it is believed that the drilling of said well will be in the interest of conservation and the prevention of waste and will tend to protect the correlative rights of all interested parties.

DOCKET MADE

Date 7-27-72

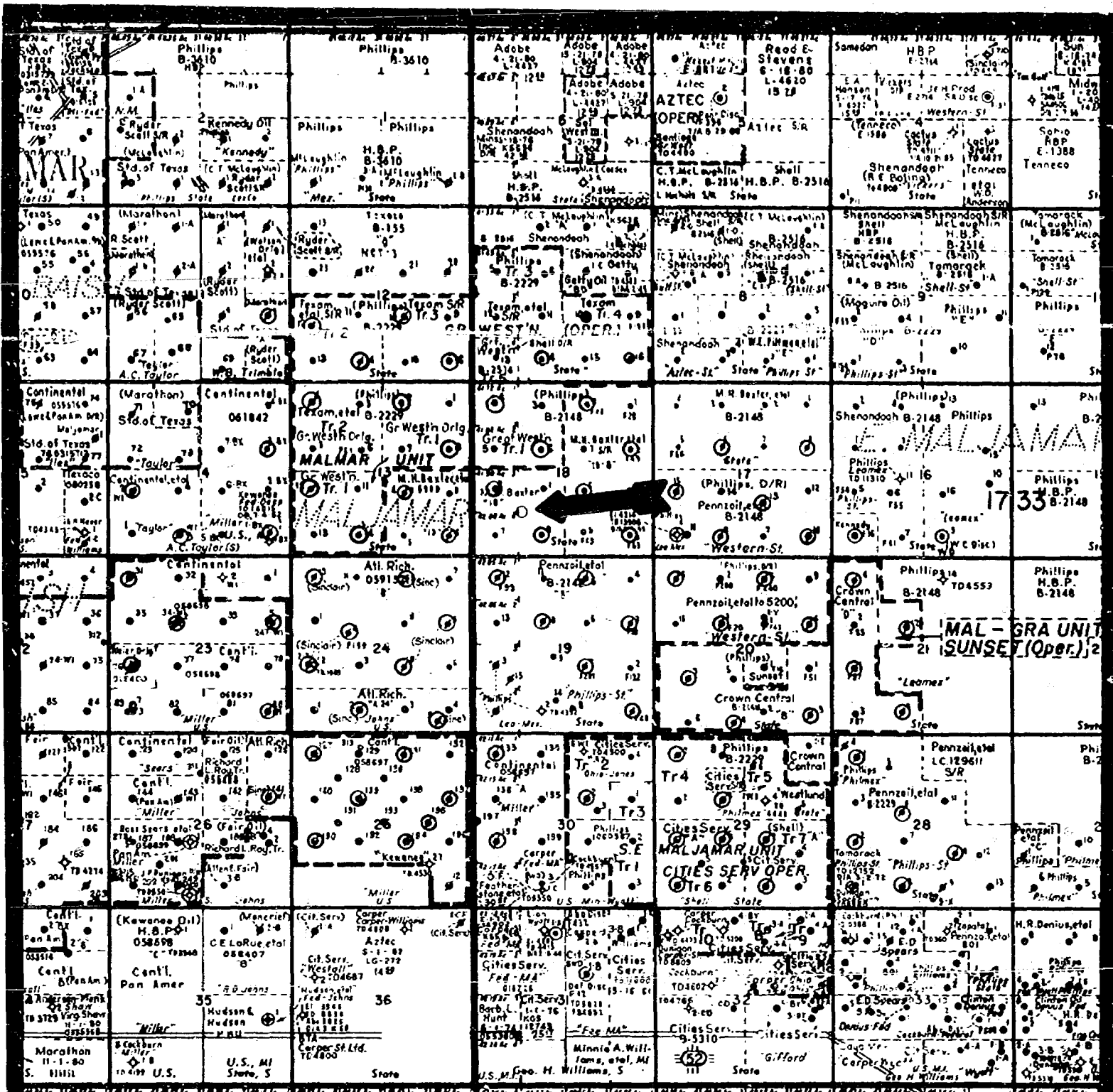
4. Applicant requests that this matter be set down for hearing at the examiner's hearing on August 9, 1972.

Respectfully submitted,

MURPHY H. BAXTER

By 

HINKLE, BONDURANT, COX & EATON  
Attorneys for Applicant  
P.O. Box 10  
Roswell, New Mexico 88201



- Producing Well
- Proposed Location
- ⊙ Water Injection Well

Murphy H. BAXTER

# MALJAMAR (GRAYBURG-SAN ANDRES) FIELD LEA COUNTY, TEXAS

Page 4788



BEFORE THE OIL CONSERVATION COMMISSION  
OF THE STATE OF NEW MEXICO

AMA  
IN THE MATTER OF THE HERRING  
CALLED BY THE OIL CONSERVATION  
COMMISSION OF THE STATE OF NEW  
MEXICO FOR THE PURPOSE OF  
CONSIDERING:

CASE NO. 4788  
Order No. R-2156-B

APPLICATION OF MURPHY H. BAXTER  
FOR AN UNORTHODOX WELL LOCATION,  
LEA COUNTY, NEW MEXICO.

NUNC PRO TUNC ORDER

BY THE COMMISSION:

It appearing to the Commission that Order No. R-2156-A,  
dated August 22, 1972, does not correctly state the intended order  
of the Commission:

IT IS THEREFORE ORDERED:

(1) That Paragraph (1) on Page 2 of Order No. R-2156-A  
is hereby corrected to read in its entirety as follows:

"(1) That the applicant, Murphy H. Baxter, is hereby  
authorized to drill a well at an unorthodox location 1295 feet  
from the South line and 1411 feet from the West line of Sec-  
tion 18, Township 17 South, Range 33 East, NMPM, Maljamar  
(Grayburg-San Andres) Pool, Lea County, New Mexico, as a producing  
well in its Maljamar (Grayburg-San Andres) Unit Waterflood Project."

(2) That this order shall be effective nunc pro tunc as  
of August 22, 1972.

DONE at Santa Fe, New Mexico, this \_\_\_\_\_ day of September,  
1972.

STATE OF NEW MEXICO

DRAFT

GMH/dr

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. 4788

Order No. R-2156-A

APPLICATION OF MURPHY H. BAXTER  
FOR AN UNORTHODOX WELL LOCATION,  
LEA COUNTY, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 a.m. on August 9, 1972  
at Santa Fe, New Mexico, before Examiner Elvis A. Utz.

NOW, on this day of August, 1972, 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, Murphy H. Baxter, is the operator  
of the <sup>Murphy H. Baxter</sup> Maljamar (Grayburg-San Andres)  
Waterflood Project, authorized by Order No. R-2156, Maljamar  
(Grayburg-San Andres) Pool, Lea County, New Mexico.

(3) That the applicant seeks authority to drill a well at an unorthodox location approximately in the center of the SW/4 of Section 18, Township 17 South, Range 33 East, NMDM, Lea County, New Mexico, as a producing well in said Maljamar (Grayburg-San Andres) Unit Waterflood Project.

(4) That the proposed unorthodox location is necessary to provide an efficient oil producing pattern.

(5) That the applicant also seeks the establishment of an administrative procedure whereby the Secretary-Director of the Commission may authorize additional producing wells and injection wells at orthodox and unorthodox locations within said ~~area~~ Maljamar (Grayburg-San Andres) Unit Waterflood Project area as may be necessary to complete an efficient production and injection pattern.

(6) That approval of the requested administrative procedure will afford the applicant the opportunity to produce its just and equitable share of the oil in the Maljamar/Pool, <sup>(Grayburg-San Andres)</sup> provided said wells are drilled no closer than 330 feet to the outer boundary of the above-described unit area nor closer than 10 feet to any quarter-quarter section or subdivision inner boundary.

(7) That the subject waterflood project should be governed by the provisions of Rules 701, 702, and 703 of the Commission Rules and Regulations, provided however, that the showing of well response as required by Rule 701 E-5 shall not be necessary before obtaining administrative approval for the conversion of additional wells to water injection.

IT IS THEREFORE ORDERED:

(1) That the applicant, Murphy H. Baxter, is hereby authorized to drill a well at an unorthodox location <sup>1310 feet from</sup> approximately

*the South line and 1310 feet from the West line*  
~~in the center of the SW/4~~ of Section 18, Township 17 South, Range 33 East, NMPM, Maljamar (Grayburg-San Andres) Pool, Lea County, New Mexico, as a producing well in its Maljamar (Grayburg-San Andres) Unit Waterflood Project.

"(2) That the subject waterflood project shall ~~continue to~~ be governed by the provisions of Rules 701, 702, and 703 of the Commission Rules and Regulations;

PROVIDED HOWEVER, that the Secretary-Director of the Commission may approve such additional producing wells and injection wells at orthodox and unorthodox locations within the Maljamar (Grayburg-San Andres) Unit Waterflood Project area as may be necessary to complete an efficient production and injection pattern, provided said wells are drilled no closer than 330 feet to the outer boundary of the Maljamar (Grayburg-San Andres) Unit Area nor closer than 10 feet to any quarter-quarter section or subdivision inner boundary, and provided that the application therefor has been filed in accordance with Rule 701 B of the Commission Rules and Regulations, and provided that the application has been sent to all offset operators, if any there be, and no such operator has objected within 15 days, The showing of well response as required by Rule 701 E-5 shall not be necessary before obtaining administrative approval for the conversion of additional wells to water injection."

(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.

*(2) That Order (2) of Order No. R-2156 is hereby amended to read in its entirety as follows:*

11/11/18  
approx  
prod well in center  
of SW/4 18-17-33

NE proj Majama (G-5A)  
Local Rec Co approved by  
K-2156 (SW/4 & E/2  
18-17-33)

CASE 4789: Application of HUMBLE  
FOR SPECIAL RULES FOR THE MANY  
GATES-ABO POOL, CHAVES COUNTY.