

CASE 6834: CONOCO INC. FOR A DUAL COM-  
PLETION AND UNORTHODOX WELL LOCATION,  
LEA COUNTY, NEW MEXICO

*Cont to Mar 26  
\$ reader.*

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**SIAW-WALKER**  
Third Cut #953R

CASE NO.

6834

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APPLICATION,  
TRANSCRIPTS,  
SMALL EXHIBITS,

ETC.

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT  
OIL CONSERVATION DIVISION  
STATE LAND OFFICE BLDG.  
SANTA FE, NEW MEXICO  
26 March 1980

EXAMINER HEARING

IN THE MATTER OF:

Application of Conoco, Inc., for a dual ) CASE  
completion, and unorthodox well loca- ) 6834  
tion, Lea County, New Mexico. )

BEFORE: Richard L. Stamets

TRANSCRIPT OF HEARING

A P P E A R A N C E S

For the Oil Conservation Division: Ernest L. Padilla, Esq.  
Legal Counsel to the Division  
State Land Office Bldg.  
Santa Fe, New Mexico 87501

For the Applicant: W. Thomas Kellahin, Esq.  
KELLAHIN & KELLAHIN  
500 Don Gaspar  
Santa Fe, New Mexico 87501

SALLY W. BOYD, C.S.R.

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I N D E X

HUGH INGRAM

Direct Examination by Mr. Kellahin 3

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E X H I B I T S

Applicant Exhibit One, Plat 4

Applicant Exhibit Two, Plat 5

Applicant Exhibit Three, Structure Map 6

Applicant Exhibit Four, Structure Map 7

Applicant Exhibit Five, Schematic 8

Applicant Exhibit Six, Application 8

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1 MR. STAMETS: We'll call next Case 6834.

2 MR. PADILLA: Application of Conoco, Inc.,  
3 for a dual completion and unorthodox well location, Lea  
4 County, New Mexico.

5 MR. STAMETS: Call for appearances.

6 MR. KELLAHIN: I'm Tom Kellahin of Santa  
7 Fe, New Mexico, appearing on behalf of the applicant, and  
8 I have one witness.

9  
10 (Witness sworn.)

11  
12 HUGH INGRAM

13 being called as a witness and having been duly sworn upon  
14 his oath, testified as follows, to-wit:

15  
16 DIRECT EXAMINATION

17 BY MR. KELLAHIN:

18 Q Would you please state your name, by whom  
19 you're employed, and in what capacity?

20 A My name is Hugh Ingram. I am employed  
21 with Conoco, Inc., as Conservation Coordinator.

22 Q What is the applicant seeking to accom-  
23 plish, Mr. Ingram?

24 A We wish to drill and complete a southeast  
25

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1 Monument dual oil well at an unorthodox location.

2 Q Pursuant to that application have you had  
3 certain exhibits prepared?

4 A Yes, we do.

5 Q Have you made a study of the facts sur-  
6 rounding this particular application?

7 A I have.

8 Q Have you previously testified before the  
9 Oil Conservation Division as an expert witness?

10 A Yes.

11 Q And what is your official duties with  
12 Continental Oil?

13 A My primary duties are in the conservation  
14 area. I also work in the areas of unitization, environ-  
15 mental work.

16 Q Under your direction and supervision do  
17 certain geologists and engineers compile data from which  
18 you have made a summary and are prepared to testify today?

19 A Yes.

20 MR. KELLAHIN: We tender Mr. Ingram as  
21 an expert witness.

22 MR. STAMETS: The witness is considered  
23 qualified.

24 Q Would you please refer to what we've  
25 marked as Exhibit Number One and identify it?

1 A Exhibit Number One is a location plat  
2 showing the location for our Southeast Monument Well No. 107,  
3 to be located 2615 feet from the south line and 2615 feet  
4 from the east line of Section 19, Township 20 South, Range  
5 38 East, Lea County, New Mexico.

6 Q What acreage would be dedicated to the  
7 well?

8 A The northwest quarter of the southeast  
9 quarter of Section 19 will be dedicated.

10 Q And what two formations are going to be  
11 dually completed in this well?

12 A We plan to dually complete as an oil  
13 well in the Blinebry oil and gas pool and an oil well in  
14 the Skaggs-Drinkard Pool.

15 Q Would you refer us to Exhibit Number Two  
16 and identify subject well location?

17 A Yes. I might add, too, that there is an  
18 existing Blinebry-Drinkard dually completed well in this area,  
19 and Exhibit Number Two shows that well, and it is Well No.  
20 21, south and slightly east.

21 Q Just a minute. I can't find it. In

22 Section --

23 A Section 19.

24 Q Section 19, Well No. 21?

25

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1           A           Well No. 21, and Unit letter O, was re-  
2 completed as a dual Blinebry oil and Skaggs-Drinkard gas  
3 well by authority of Order R-3900, dated December 24th,  
4 1969. The Drinkard was subsequently reclassified as an  
5 oil well and the Blinebry and Drinkard zones are now down-  
6 hole commingled, by authority of Order R-4913.

7           Q           Identify for us the subject well, Well  
8 No. 107?

9           A           Well No. 107 is identified by a red arrow  
10 there near the center of Section 19.

11          Q           Why have you sought this particular  
12 location?

13          A           If you would look at Exhibit Number  
14 Three, a structure map drawn on the top of the Blinebry,  
15 it indicates that insofar as a prospect for a successful  
16 Blinebry-Drinkard completion is concerned, a standard loca-  
17 tion would be acceptable. Now, I do not have a structure  
18 map showing the Drinkard, but it would be very similar to  
19 the one for the Blinebry.

20                       We wish to drill at the proposed loca-  
21 tion in order to gain information concerning the prospect  
22 for infill drilling in our Skaggs Grayburg Pool Waterflood  
23 project.

24          Q           Do you have a structure map of the  
25 Grayburg?

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1 A Yes.

2 Q Is that Exhibit Four?

3 A Exhibit Number Four is a structure map  
4 of the Grayburg.

5 Q Let's look at that, if you please.

6 A Okay. You'll notice that Well No. 107  
7 is located approximately midway between our Southeast  
8 Monument Unit Permian Wells Nos. 18 and 32, which have been  
9 Grayburg water injection wells since 1961.

10 Now, this structure map, or Exhibit Num-  
11 ber Four is a structure map of the Grayburg, and it shows  
12 that the proposed location would be favorable insofar as  
13 the Grayburg is concerned, and although it is intended to  
14 dually complete and produce the Blinbry and Drinkard form-  
15 ations in No. 107, it's proposed to drill at the infill  
16 location for the Skaggs Grayburg Pool so that we can eval-  
17 uate the Grayburg pay discontinuities, and gather informa-  
18 tion on the feasibility of future infill drilling for this  
19 reservoir.

20 Q If I understand you correctly, the sub-  
21 ject well is intended to be approximately equidistant from  
22 the two injection wells, Well No. 32 and Well No. 18.

23 A That's right.

24 Q And in your opinion, that's the optimum  
25 location from which to test the Grayburg formation?

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1 A Yes. The performance of our waterflood  
2 in the Skagg Grayburg has been typical for a reservoir having  
3 poor pay continuity and low producing rates and high fluid  
4 input/out ratio, and drilling this well at this location,  
5 we intend to drill stem test the Grayburg formation as we  
6 pass through it.

7 Q All this acreage, including the proration  
8 units offsetting the subject well are all dedicated to the  
9 same Continental operated properties?

10 A That's right. This location is -- the  
11 proration unit would not be offset by any other operator.

12 Q Would you identify Exhibit Five and ex-  
13 plain the information which it contains?

14 A Exhibit Number Five is a downhole sche-  
15 matic, showing all casing strings, sizes, setting depths,  
16 cementing data, packer, and so forth, and is in compliance  
17 with standards set by the New Mexico Oil Conservation Divi-  
18 sion.

19 Q Specifically, the wellbore schematic  
20 conforms to New Mexico Oil Conservation Rule 107.

21 A That's right.

22 Q Identify Exhibit Number Six for us.

23 A Exhibit Number Six is an application for  
24 multiple completion form, showing pertinent data for Well  
25 No. 107.

1 Q In your opinion, Mr. Ingram, will approval  
2 of this application be in the best interests of conservation,  
3 the prevention of waste, and the protection of correlative  
4 rights?

5 A Yes, it will.

6 MR. KELLAHIN: That concludes our exam-  
7 ination and we move the introduction of Exhibits One through  
8 Six.

9 MR. STAMETS: These exhibits will be ad-  
10 mitted.

11  
12 CROSS EXAMINATION

13 BY MR. STAMETS:

14 Q Mr. Ingram, what's the status of the  
15 Blinebry and Drinkard production around this well?

16 A The only Blinebry -Drinkard --

17 Q Is that shown on your Exhibit Number Two?

18 A Exhibit Number Two, there's only one  
19 Blinebry-Drinkard well in this area, and that is Well No. 21.  
20 Now, there is Blinebry production to the east over in the  
21 adjoining section to the east, down in the southwest quarter,  
22 and there's some Blinebry wells.

23 The nearest Drinkard production, other  
24 than No. 21, is over on the west side of the unit in Section  
25 23 and 15, over in there.

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1 Q The prime reason for drilling a well is  
2 to gain information on the Grayburg project?

3 A Yes, at this location.

4 Q Why aren't you going to try to make a  
5 Grayburg well at this time?

6 A Well, we think that the prospects for  
7 Blinbry and Drinkard are here, and the -- the well at this  
8 location will give us information that would tell us whether  
9 we want to pursue the study of infill drilling in the Skaggs  
10 Grayburg Waterflood Project.

11 MR. STAMETS: Are there any other questions  
12 of this witness? He may be excused.

13 Do you have anything further in this case?

14 MR. KELLAHIN: No, sir.

15 MR. STAMETS: The case will be taken  
16 under advisement.

17  
18 (Hearing concluded.)  
19  
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21  
22  
23  
24  
25

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REPORTER'S CERTIFICATE

I, SALLY W. BOYD, C. S. R., DO HEREBY CERTIFY that the foregoing Transcript of Hearing before the Oil Conservation Division was reported by me; that the said transcript is a full, true, and correct record of the hearing, prepared by me to the best of my ability.

Sally W. Boyd C.S.R.

I do hereby certify that the foregoing is a complete record of the proceedings in the Examiner hearing of Case No. 6834 heard by me on 3-23 1980.  
Richard L. Plummer Examiner  
 Oil Conservation Division

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I N D E X

HUGH INGRAM

Direct Examination by Mr. Kellahin

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Cross Examination by Mr. Stamets

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E X H I B I T S

Applicant Exhibit One, Plat

4

Applicant Exhibit Two, Plat

5

Applicant Exhibit Three, Structure Map

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Applicant Exhibit Four, Structure Map

7

Applicant Exhibit Five, Schematic

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Applicant Exhibit Six, Application

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Page 3

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Page 4

1 Monument dual oil well at an unorthodox location.

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21                  Q           Just a minute. I can't find it. In  
22 Section --

23                  A           Section 19.

24                  Q           Section 19, Well No. 21?  
25

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A. Yes.

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A Exhibit Number Four is a structure map of the Grayburg.

Q Let's look at that, if you please.

A Okay. You'll notice that Well No. 107 is located approximately midway between our Southeast Monument Unit Permian Wells Nos. 18 and 32, which have been Grayburg water injection wells since 1961.

Now, this structure map, or Exhibit Number Four is a structure map of the Grayburg, and it shows that the proposed location would be favorable insofar as the Grayburg is concerned, and although it is intended to dually complete and produce the Blinbry and Drinkard formations in No. 107, it's proposed to drill at the infill location for the Skaggs Grayburg Pool so that we can evaluate the Grayburg pay discontinuities, and gather information on the feasibility of future infill drilling for this reservoir.

Q If I understand you correctly, the subject well is intended to be approximately equidistant from the two injection wells, Well No. 32 and Well No. 18.

A. That's right.

Q And in your opinion, that's the optimum location from which to test the Grayburg formation?

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1           A           Yes. The performance of our waterflood  
2 in the Skagg Grayburg has been typical for a reservoir having  
3 poor pay continuity and low producing rates and high fluid  
4 input/out ratio, and drilling this well at this location,  
5 we intend to drill stem test the Grayburg formation as we  
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15 matic, showing all casing strings, sizes, setting depths,  
16 cementing data, packer, and so forth, and is in compliance  
17 with standards set by the New Mexico Oil Conservation Divi-  
18 sion.

19          Q           Specifically, the wellbore schematic  
20 conforms to New Mexico Oil Conservation Rule 107.

21          A           That's right.

22          Q           Identify Exhibit Number Six for us.

23          A           Exhibit Number Six is an application for  
24 multiple completion form, showing pertinent data for Well  
25 No. 107.

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Q In your opinion, Mr. Ingram, will approval of this application be in the best interests of conservation, the prevention of waste, and the protection of correlative rights?

A Yes, it will.

MR. KELLAHIN: That concludes our examination and we move the introduction of Exhibits One through Six.

MR. STAMETS: These exhibits will be admitted.

CROSS EXAMINATION

BY MR. STAMETS:

Q Mr. Ingram, what's the status of the Blinebry and Drinkard production around this well?

A The only Blinebry -Drinkard --

Q Is that shown on your Exhibit Number Two?

A Exhibit Number Two, there's only one Blinebry-Drinkard well in this area, and that is Well No. 21. Now, there is Blinebry production to the east over in the adjoining section to the east, down in the southwest quarter and there's some Blinebry wells.

The nearest Drinkard production, other than No. 21, is over on the west side of the unit in Section 23 and 15, over in there.

1 Q The prime reason for drilling a well is  
2 to gain information on the Grayburg project?

3 A Yes, at this location.

4 Q Why aren't you going to try to make a  
5 Grayburg well at this time?

6 A Well, we think that the prospects for  
7 Blinebry and Drinkard are here, and the -- the well at this  
8 location will give us information that would tell us whether  
9 we want to pursue the study of infill drilling in the Skaggs  
10 Grayburg Waterflood Project.

11 MR. STAMETS: Are there any other questions  
12 of this witness? He may be excused.

13 Do you have anything further in this case?

14 MR. KELLAHIN: No, sir.

15 MR. STAMETS: The case will be taken  
16 under advisement.

17  
18 (Hearing concluded.)  
19  
20  
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22  
23  
24  
25

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Santa Fe, New Mexico 87501  
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REPORTER'S CERTIFICATE

I, SALLY W. BOYD, C. S. R., DO HEREBY CERTIFY that  
the foregoing Transcript of Hearing before the Oil Conserva-  
tion Division was reported by me; that the said transcript  
is a full, true, and correct record of the hearing, prepared  
by me to the best of my ability.

SALLY W. BOYD, C.S.R.

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Santa Fe, New Mexico 87501  
Phone (505) 455-7409

I do hereby certify that the foregoing is  
a complete record of the proceedings in  
the Examiner hearing of Case No. \_\_\_\_\_,  
heard by me on \_\_\_\_\_ 19\_\_\_\_.

\_\_\_\_\_, Examiner  
Oil Conservation Division





BRUCE KING  
GOVERNOR  
LARRY KEHOE  
SECRETARY

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT  
OIL CONSERVATION DIVISION

April 17, 1980

POST OFFICE BOX 2068  
STATE LAND OFFICE BUILDING  
SANTA FE, NEW MEXICO 87501  
(505) 827-2434

Mr. Thomas Kellahin  
Kellahin & Kellahin  
Attorneys at Law  
Post Office Box 1769  
Santa Fe, New Mexico

Re: CASE NO. 6834  
ORDER NO. R-6307

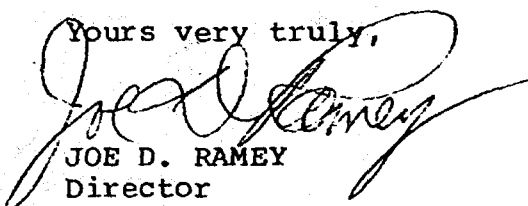
Applicant:

Conoco Inc.

Dear Sir:

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

Yours very truly,

  
JOE D. RAMEY  
Director

JDR/fd

Copy of order also sent to:

Hobbs OCD K  
Artesia OCD X  
Aztec OCD       

Other

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT  
OIL CONSERVATION DIVISION

IN THE MATTER OF THE HEARING  
CALLED BY THE OIL CONSERVATION  
DIVISION FOR THE PURPOSE OF  
CONSIDERING:

CASE NO. 6834  
Order No. R-6307

APPLICATION OF CONOCO INC. FOR A  
DUAL COMPLETION AND UNORTHODOX WELL  
LOCATION, LEA COUNTY, NEW MEXICO.

ORDER OF THE DIVISION

BY THE DIVISION:

This cause came on for hearing at 9 a.m. on March 26, 1980,  
at Santa Fe, New Mexico, before Examiner Richard L. Stamets.

NOW, on this 15th day of April, 1980, the Division  
Director, 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 Division has jurisdiction of this cause and the  
subject matter thereof.

(2) That the applicant, Conoco Inc., seeks authority to  
complete its SEMU Burger Well No. 107, located at an unorthodox  
location 2615 feet from the South line and 2615 feet from the  
East line of Section 19, Township 20 South, Range 38 East, NMPM,  
Lea County, New Mexico, as a dual completion (conventional) to  
produce oil from the Blinebry Oil and Gas and Drinkard Pools.

(3) That the proposed unorthodox location is to permit  
the applicant to gather technical data and attempt to increase  
the recovery of hydrocarbons from each of said pools.

(4) That the location is an interior location on appli-  
cant's SEMU Burger Lease and there are no offset operators.

(5) That the mechanics of the proposed dual completion are  
feasible and in accord with good conservation practices.

-2-

Case No. 6834  
Order No. R-6307

(6) That approval of the subject application will serve to prevent waste and protect correlative rights.

IT IS THEREFORE ORDERED:

(1) That the applicant, Conoco Inc., is hereby authorized to complete its SEMU Burger Well No. 107, located at an unorthodox location 2615 feet from the South line and 2615 feet from the East line of Section 19, Township 20 South, Range 38 East, NMPM, Lea County, New Mexico, as a dual completion (conventional) to produce oil from the Blinbry Oil and Gas and Drinkard Pools through parallel strings of tubing with separation of the zones to be achieved by means of a packer.

PROVIDED HOWEVER, that the applicant shall complete, operate, and produce said well in accordance with the provisions of Rule 112-A of the Division Rules and Regulations insofar as said rule is not inconsistent with this order;

PROVIDED FURTHER, that the applicant shall take packer leakage tests upon completion and annually thereafter during the Annual Gas-Oil Ratio Test Period for the Drinkard Pool.

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

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

STATE OF NEW MEXICO  
OIL CONSERVATION DIVISION

  
JOE D. RAMEY  
Director

  
S E A L

fd/

NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT

EXHIBIT NO. 1  
Form C-102  
Supersedes C-128  
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

Operator <b>Conoco Inc.</b>			Lease <b>SEMU Burger</b>		Well No. <b>107</b>
Unit Letter <b>J</b>	Section <b>19</b>	Township <b>20 South</b>	Range <b>38 East</b>	County <b>Lea</b>	
Actual Footage Location of Well:					
<b>2615</b> feet from the <b>South</b> line and		<b>2615</b> feet from the <b>East</b> line			
Ground Level Elev. <b>3536.7</b>	Producing Formation <b>Blinebry/Drinkard</b>	Pool <b>Blinebry Oil &amp; Gas/Skaggs Drinkard</b>	Dedicated Acreage: <b>40</b> Acres		
<p>1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.</p> <p>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).</p> <p>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?</p> <p><input type="checkbox"/> Yes <input type="checkbox"/> No If answer is "yes," type of consolidation _____</p> <p>If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____</p> <p>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.</p>					
			<b>CERTIFICATION</b>		
			<p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p>		
			<p>Name <b>S/ W.A. Butterfield</b></p>		
			<p>Position <b>Adm. Supervisor</b></p>		
			<p>Company <b>Conoco Inc.</b></p>		
			<p>Date <b>2/21/80</b></p>		
			<p>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.</p>		
			<p>Date Surveyed <b>January 12, 1979</b></p>		
			<p>Registered Professional Engineer and/or Land Surveyor <b>S/ John West</b></p>		
			<p>Certificate No. _____</p>		

BEFORE EXAMINER STAMETS  
OIL CONSERVATION DIVISION

EXHIBIT NO. 1

CASE NO. 6834

Submitted by Conoco Inc.

Hearing Date 3/26/80

EXHIBIT NO. 2

conoco

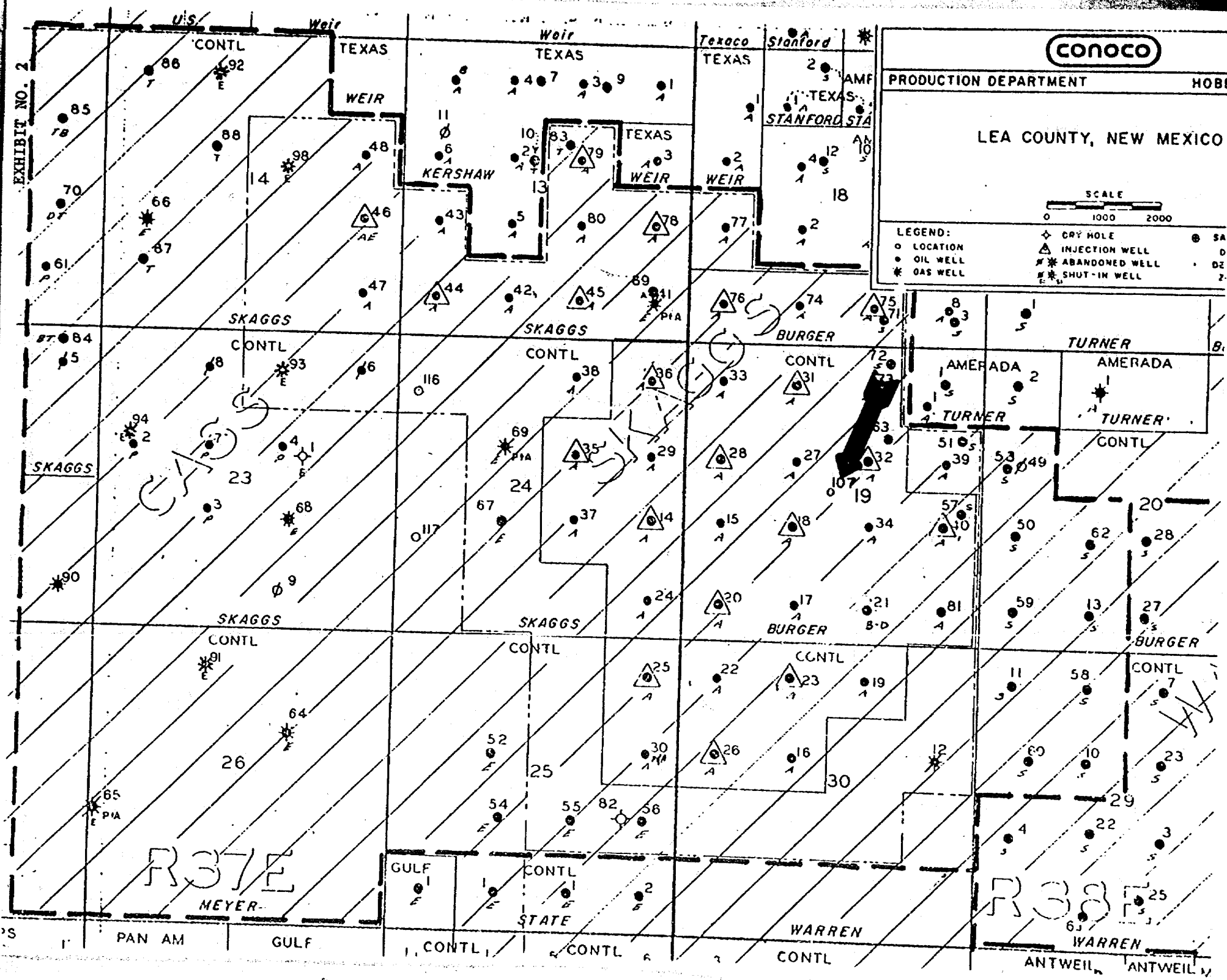
PRODUCTION DEPARTMENT

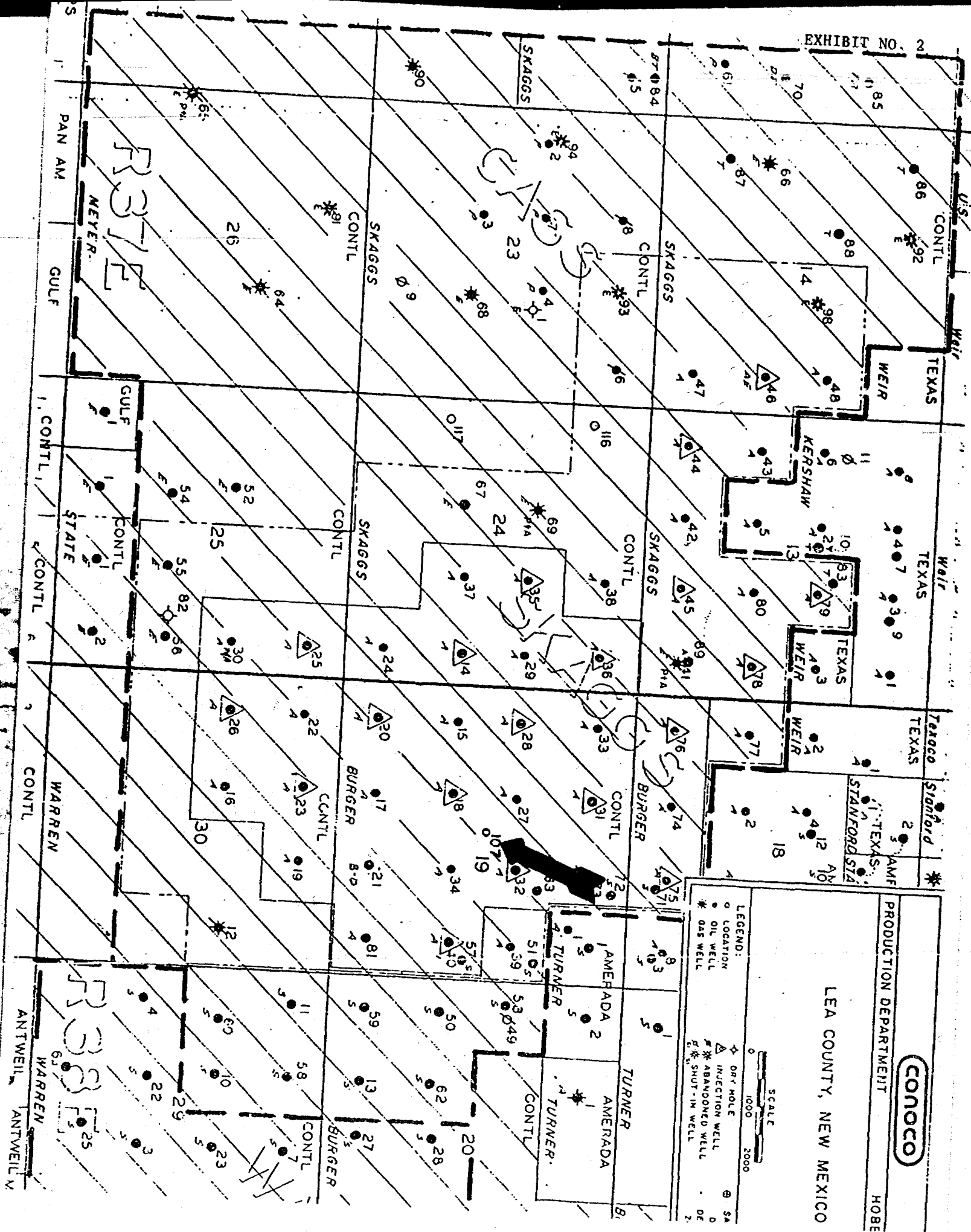
HOBE

LEA COUNTY, NEW MEXICO

SCALE  
0 1000 2000

LEGEND:  
 ○ LOCATION  
 ● OIL WELL  
 \* GAS WELL  
 ◇ DRY HOLE  
 △ INJECTION WELL  
 \* ABANDONED WELL  
 E SHUT-IN WELL  
 SA  
 D  
 DZ  
 Z





BEFORE EXAMINER STAMETS  
OIL CONSERVATION DIVISION

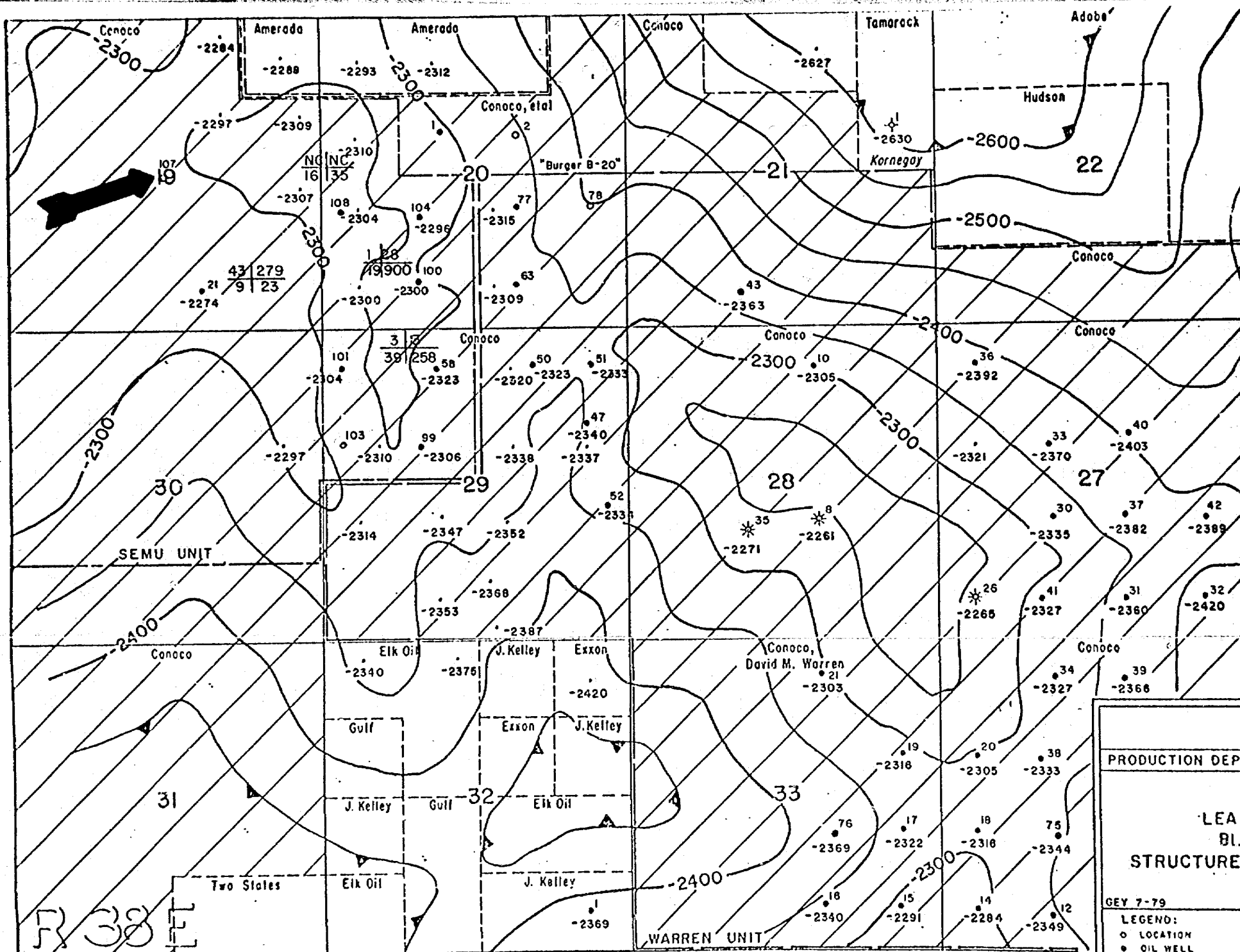
EXHIBIT NO. 2

CASE NO. 6834

Submitted by Conoco Inc.

Hearing Date 3/26/80

EXHIBIT NO. 3



BEFORE EXAMINATION  
OIL CONSERVATION DIVISION

EXHIBIT NO. 3

MBC  
BOPD

CONOCO

PRODUCTION DEPARTMENT

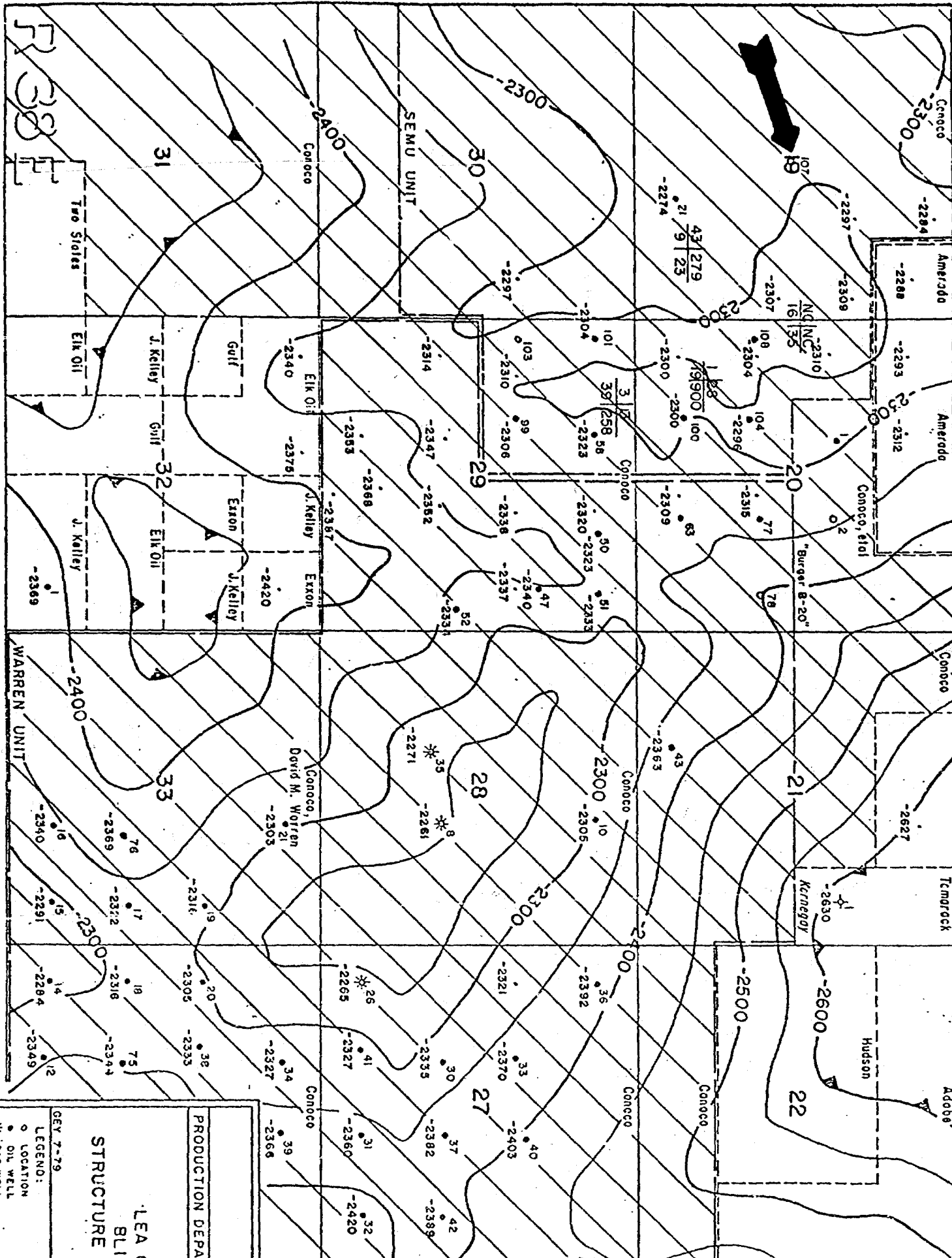
SEMU UNIT

LEA COUNTY, N.M.  
BLINEBRY OIL  
STRUCTURE ON TOP 8

GEY 7-79

LEGEND:  
○ LOCATION  
● OIL WELL  
\* GAS WELL

○ DRY HOLE  
△ INJECTION  
\* ABANDONED  
\* SHUT-IN



**CONOCO**

PRODUCTION DEPARTMENT

SEMUR UNIT

LEA COUNTY, NEW MEXICO

BLINEBRY OIL POOL

STRUCTURE ON TOP BLINEBRY MARKE

GEY 7-79

SCALE

0 1000 2000

LEGEND:

- LOCATION
- OIL WELL
- \* GAS WELL
- ◆ DRY HOLE
- ▲ INJECTION WELL
- △ ABANDONED WELL
- ✱ SHUT-IN WELL
- ⊙ SALT WATER DISPOSAL
- OFFSHORE W
- ZONE UNIT

MBO | MCFG  
BOPD | MCFPD

T  
20  
S

BEFORE EXAMINATION STATEMENTS  
OIL CONSERVATION DIVISION

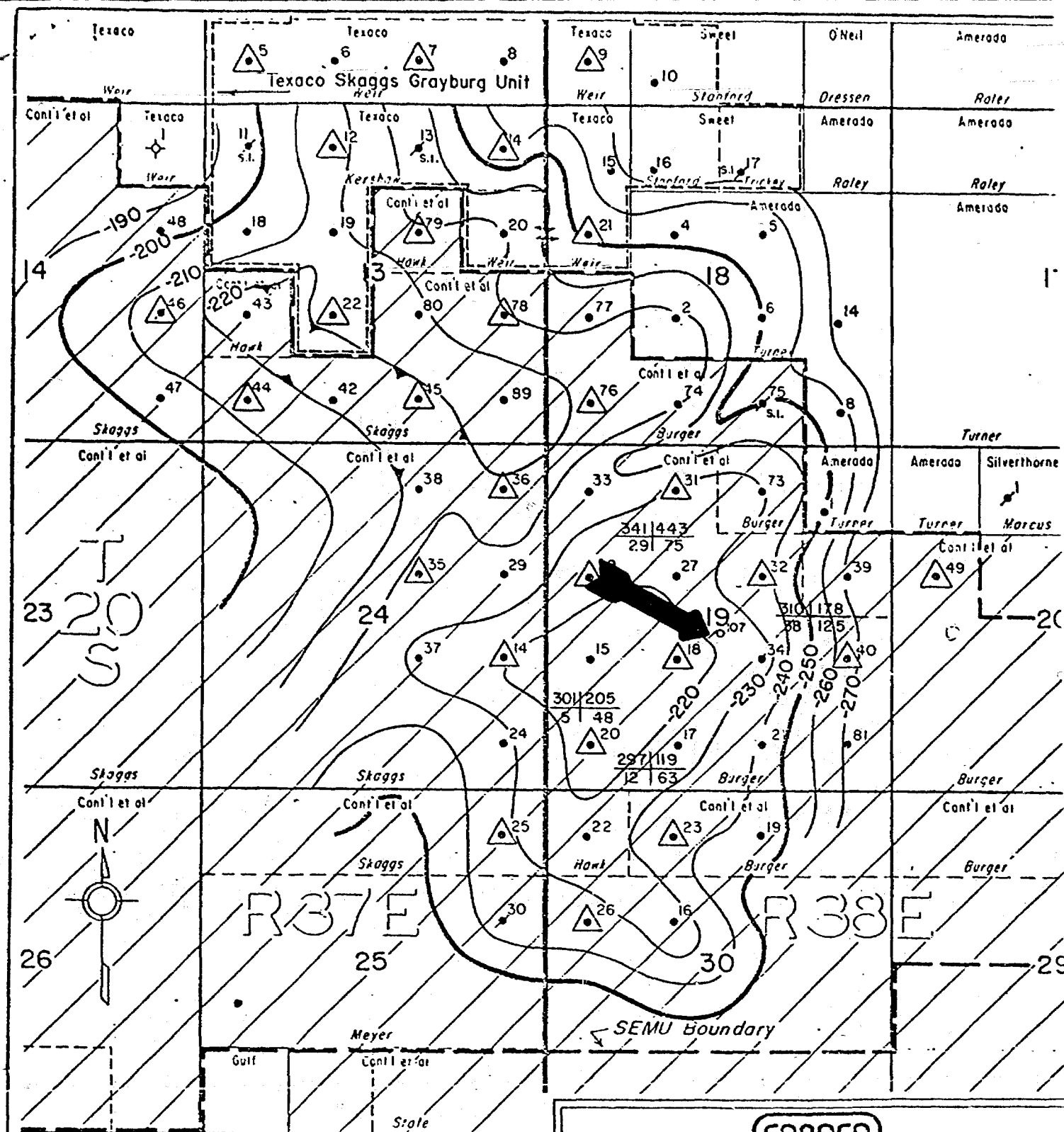
EXHIBIT NO. 3

CASE NO. 6834

Submitted by Conoco Inc.

Hearing Date 3/26/80





MB0 | MMCF6  
BOPD | MCFGP0

**CONOCO**

PRODUCTION DEPARTMENT

HOBBS DIVISION

SEMU PERMIAN LEASE  
SKAGGS POOL  
LEA COUNTY, NEW MEXICO  
STRUCTURE TOP GRAYBURG  
CI-10'

SCALE

0 1000 2000

LEGEND:

○ LOCATION  
● OIL WELL  
✱ GAS WELL

✱ DRY HOLE

△ INJECTION WELL  
✱ ABANDONED WELL  
✱ SHUT-IN WELL

⊕ SALT WATER  
DISPOSAL WELL  
● DEEPER WELL  
ZONE UNTESTED

BEFORE EXAMINER STAMETS  
OIL CONSERVATION DIVISION

EXHIBIT NO. 4

CASE NO. 6834

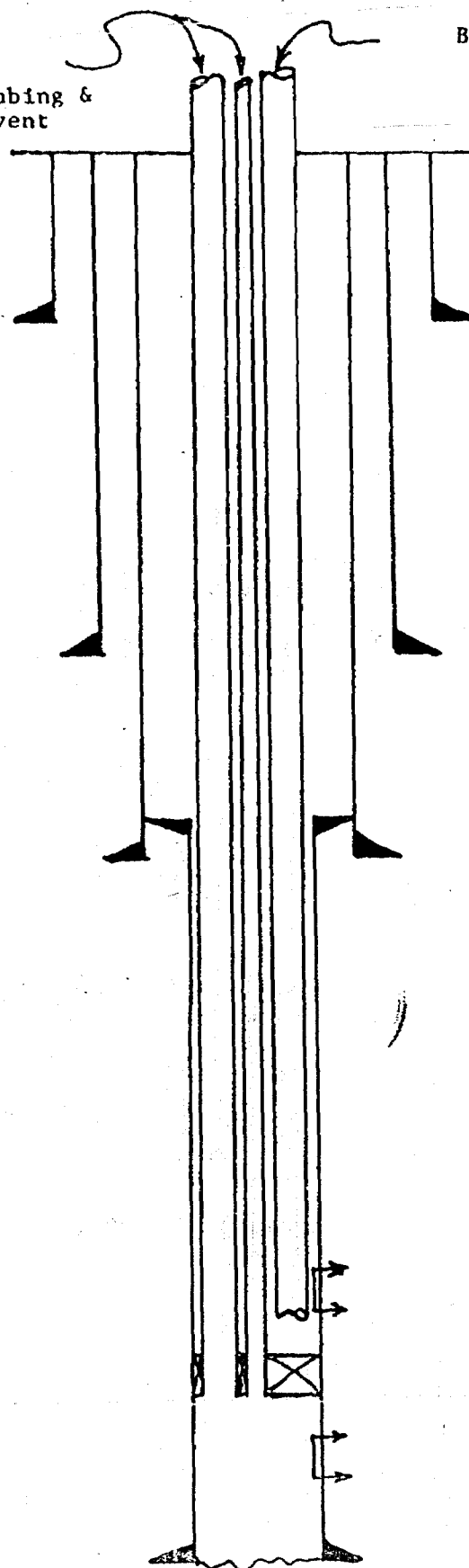
Submitted by Conoco Inc.

Hearing Date 3/26/80

Blinebry 2-3/8" Buttress tubing

Drinkard  
2-3/8" Buttress tubing &  
1-1/4" IJ Tubing vent

SEMU BURGER NO. 107  
2615' FSL & 2615' FEL  
Sec. 19, T-20S, R-38E  
Lea County, New Mexico



400'-20" 94# H-40 Casing

2800'-13-3/8" 61# J-55 Casing

4250'-9-5/8" 47# N-80 Casing

5850'

Blinebry - shot selectively

6000'

6665'

6690' Drinkard - shot selectively

7015' - 7" 26# Liner

PROPOSED WELLBORE

SEMU BURGER NO. 107

BEFORE EXAMINER STAMETS  
OIL CONSERVATION DIVISION

EXHIBIT NO. 5

CASE NO. 6834

Submitted by. Conoco Inc.

Hearing Date. 3/26/80

## NEW MEXICO OIL CONSERVATION COMMISSION

Exhibit No. 6

SANTA FE, NEW MEXICO

5-1-61

## APPLICATION FOR MULTIPLE COMPLETION

Operator Conoco Inc.		County Lea		Date March 21, 1980
Address P. O. Box 460 Hobbs, N. M. 88240		Lease SEMU Burger		Well No. 107
Location or Well	Unit I	Section 19	Township 20-S	Range 37-E

1. Has the New Mexico Oil Conservation Commission heretofore authorized the multiple completion of a well in these same pools or in the same zones within one mile of the subject well? YES \_\_\_\_\_ NO X
2. If answer is yes, identify one such instance: Order No. \_\_\_\_\_; Operator, Lease, and Well No.: \_\_\_\_\_

3. The following facts are submitted:	Upper Zone	Intermediate Zone	Lower Zone
a. Name of Pool and Formation	Blinebry Oil & Gas		Drinkard
b. Top and Bottom of Pay Section (Perforations)	5857 ***		6665'
c. Type of production (Oil or Gas)	Oil		Oil
d. Method of Production (Flowing or Artificial Lift)	Artificial Lift		Artificial Lift

4. The following are attached. (Please mark YES or NO)

- Yes a. Diagrammatic Sketch of the Multiple Completion, showing all casing strings, including diameters and setting depths, centralizers and /or turbolizers and location thereof, quantities used and top of cement, perforated intervals, tubing strings, including diameters and setting depth, location and type of packers and side door chokes, and such other information as may be pertinent.
- Yes b. Plat showing the location of all wells on applicant's lease, all offset wells on offset leases, and the names and addresses of operators of all leases offsetting applicant's lease.
- \* c. Waivers consenting to such multiple completion from each offset operator, or in lieu thereof, evidence that said offset operators have been furnished copies of the application.\*
- \*\* d. Electrical log of the well or other acceptable log with tops and bottoms of producing zones and intervals of perforation indicated thereon. (If such log is not available at the time application is filed, it shall be submitted as provided by Rule 112-A.)

5. List all offset operators to the lease on which this well is located together with their correct mailing address.

\* Conoco Inc. is offset operator.

\*\* Electric logs will be submitted when well is drilled.

\*\*\* Represents zone marker.

6. Were all operators listed in Item 5 above notified and furnished a copy of this application? YES \_\_\_\_\_ NO \_\_\_\_\_. If answer is yes, give date of such notification \_\_\_\_\_.

CERTIFICATE: I, the undersigned, state that I am the Ass't. Division Manager of the Conoco Inc. (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

Signature

- \* Should waivers from all offset operators not accompany an application for administrative approval, the New Mexico Oil Conservation Commission will hold the application for a period of twenty (20) days from date of receipt by the Commission's Santa Fe office. If, after said twenty-day period, no protest nor request for hearing is received by the Santa Fe office, the application will then be processed.
- NOTE: If the proposed multiple completion will result in an unorthodox well location and/or a non-standard proration unit in either or both of the producing zones, then separate application for approval of the same should be filed simultaneously with this application.

Exhibit No. 6

BEFORE EXAMINER STAMETS  
OIL CONSERVATION DIVISION

EXHIBIT NO. 6

CASE NO. 6834

Submitted by Canada Inc.

Hearing Date 3-26-80

NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT

EXHIBIT NO. 1  
Form C-102  
Supersedes C-128  
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

Operator <b>Conoco Inc.</b>			Lease <b>SEMU Burger</b>		Well No. <b>107</b>
Unit Letter <b>J</b>	Section <b>19</b>	Township <b>20 South</b>	Range <b>38 East</b>	County <b>Lea</b>	
Actual Footage Location of Well:					
<b>2615</b> feet from the <b>South</b> line and		<b>2615</b> feet from the <b>East</b> line			
Ground Level Elev. <b>3536.7</b>	Producing Formation <b>Blinebry/Drinkard</b>	Pool <b>Blinebry Oil &amp; Gas/Skaggs Drinkard</b>		Dedicated Acreage: <b>40</b> Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.

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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.

**CERTIFICATION**

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Name  
**S/ W.A. Butterfield**

Position  
**Adm. Supervisor**

Company  
**Conoco Inc.**

Date  
**2/21/80**

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed  
**January 12, 1979**

Registered Professional Engineer and/or Land Surveyor  
**S/ John West**

Certificate No. \_\_\_\_\_

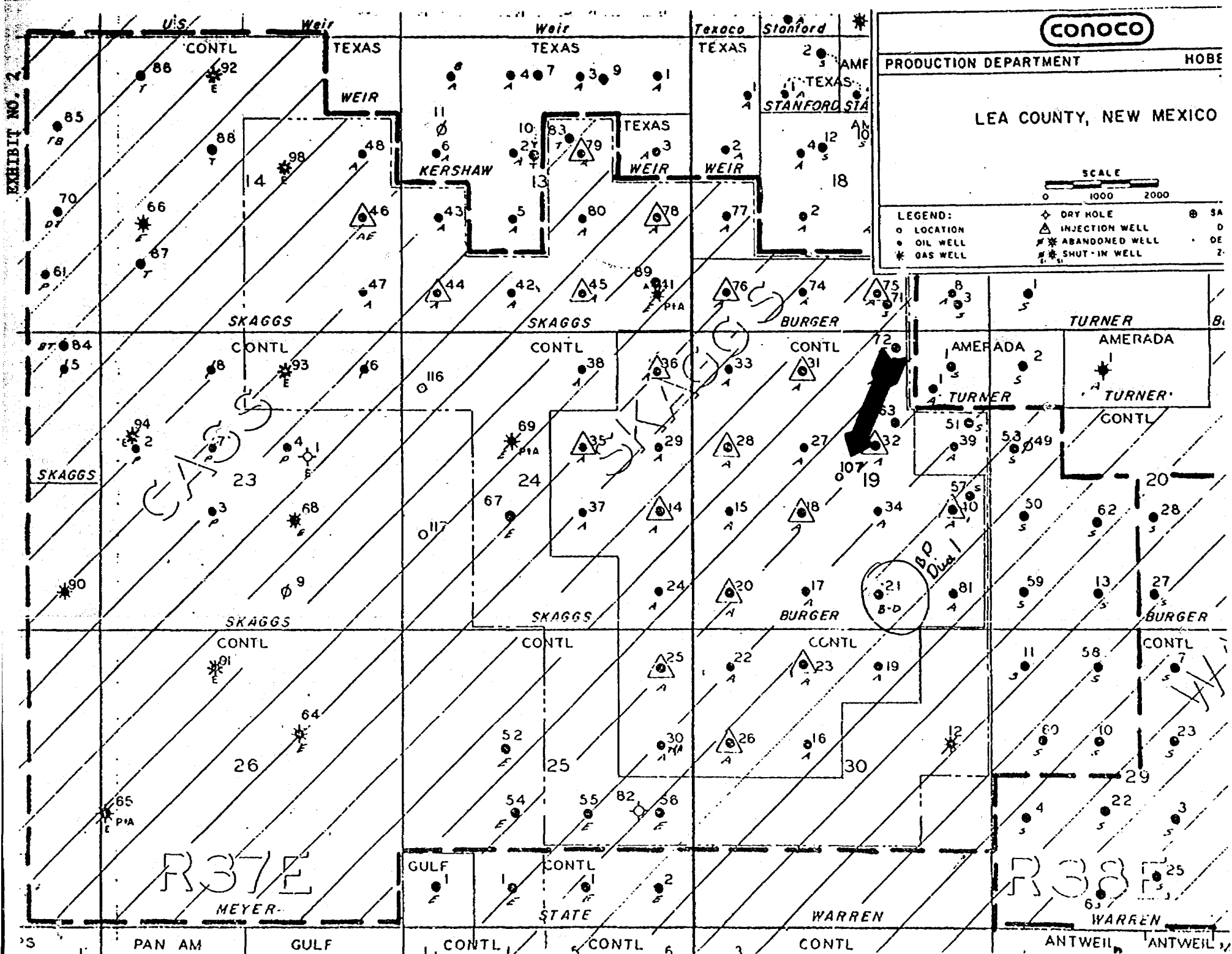
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OIL CONSERVATION DIVISION

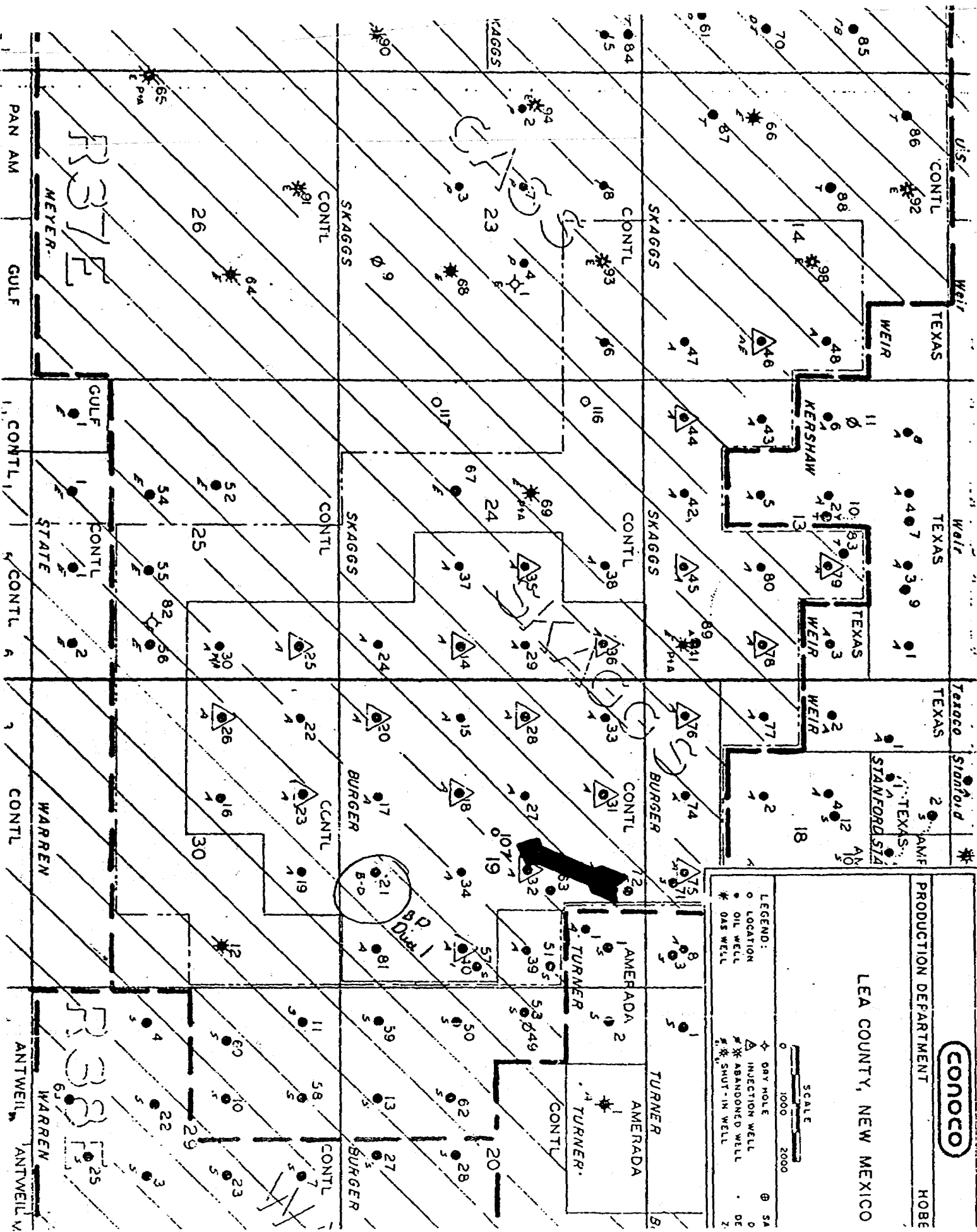
EXHIBIT NO. 1

CASE NO. 6834

Submitted by Conoco Inc.

Hearing Date 3/26/80





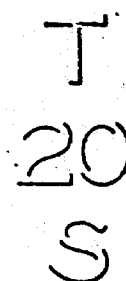
BEFORE EXAMINER STAMETS  
OIL CONSERVATION DIVISION

EXHIBIT NO. 2

CASE NO. 6834

Submitted by Conoco Inc

Hearing Date 3/26/80



MBD	NMCFG
BOPD	MCFGP

**CONOCO**

PRODUCTION DEPARTMENT

SEMUR UNIT

LEA COUNTY, NEW MEXICO  
BLINEBRY OIL POOL  
PICTURE ON TOP BLINEBRY

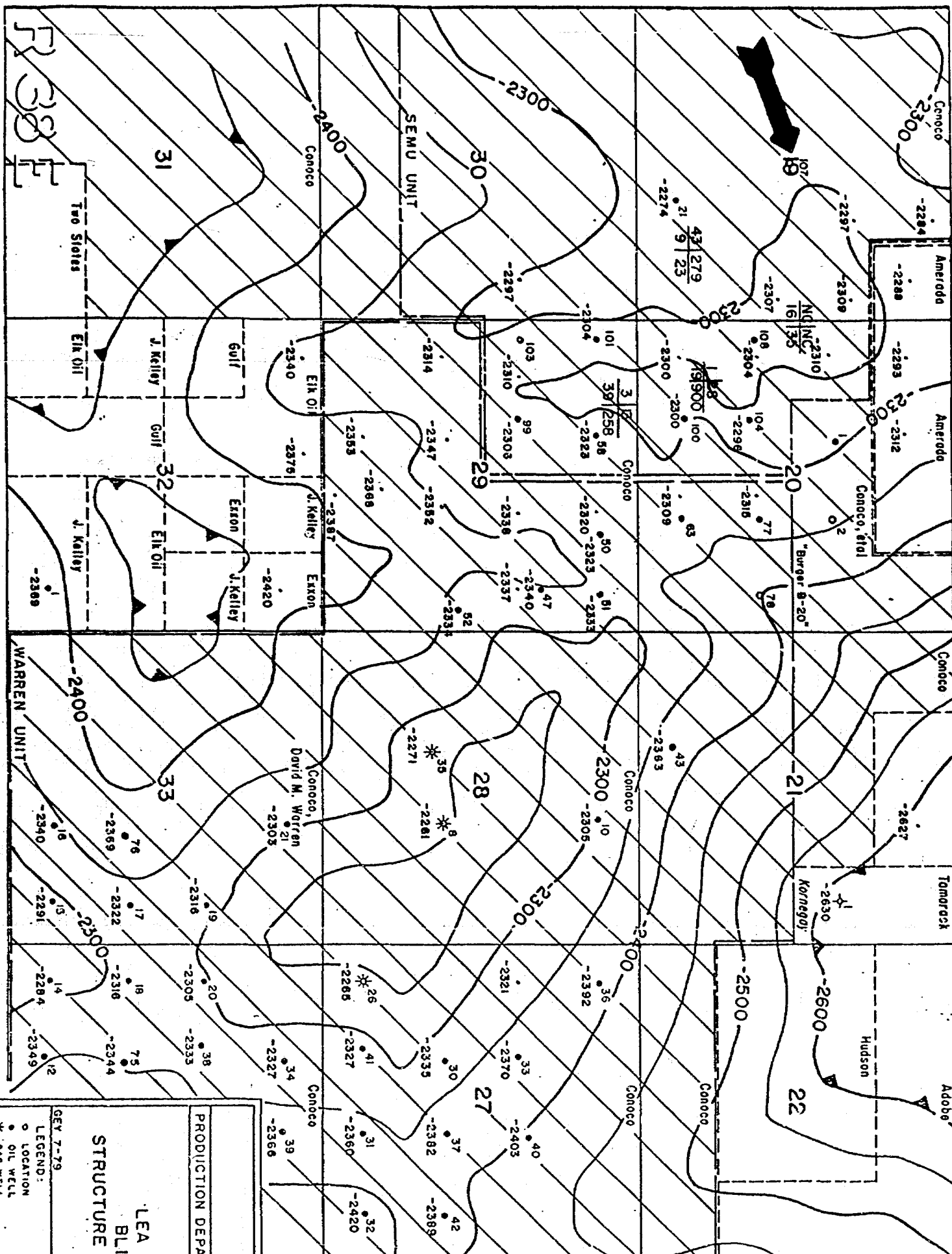
**SCALE**

GEY 7-79

LEGEND:  
 ○ LOCATION  
 ● OIL WELL  
 \* GAS WELL

✦ DRY HOLE  
 ▲ INJECTION WELL  
 ✱ ABANDONED WELL  
 ✱ SHUT-IN WELL





**CONOCO**

PRODUCTION DEPARTMENT      HOBBS DIVISION

SEMU UNIT

LEA COUNTY, NEW MEXICO

BLINEBRY OIL POOL

STRUCTURE ON TOP BLINEBRY MARKER

GEV 7-79

SCALE: 0 1000 2000

LEGEND:

- DRY HOLE
- OIL WELL
- ✱ GAS WELL
- △ INJECTION WELL
- ✱✱ ABANDONED WELL
- ✱✱ SHUT-IN WELL
- SALT WATER DISPOSAL WELL
- DEEPER WELL
- ZONE UNTESTED

MSO | MCFEG  
BOPD | MCFGPD

T  
20  
S

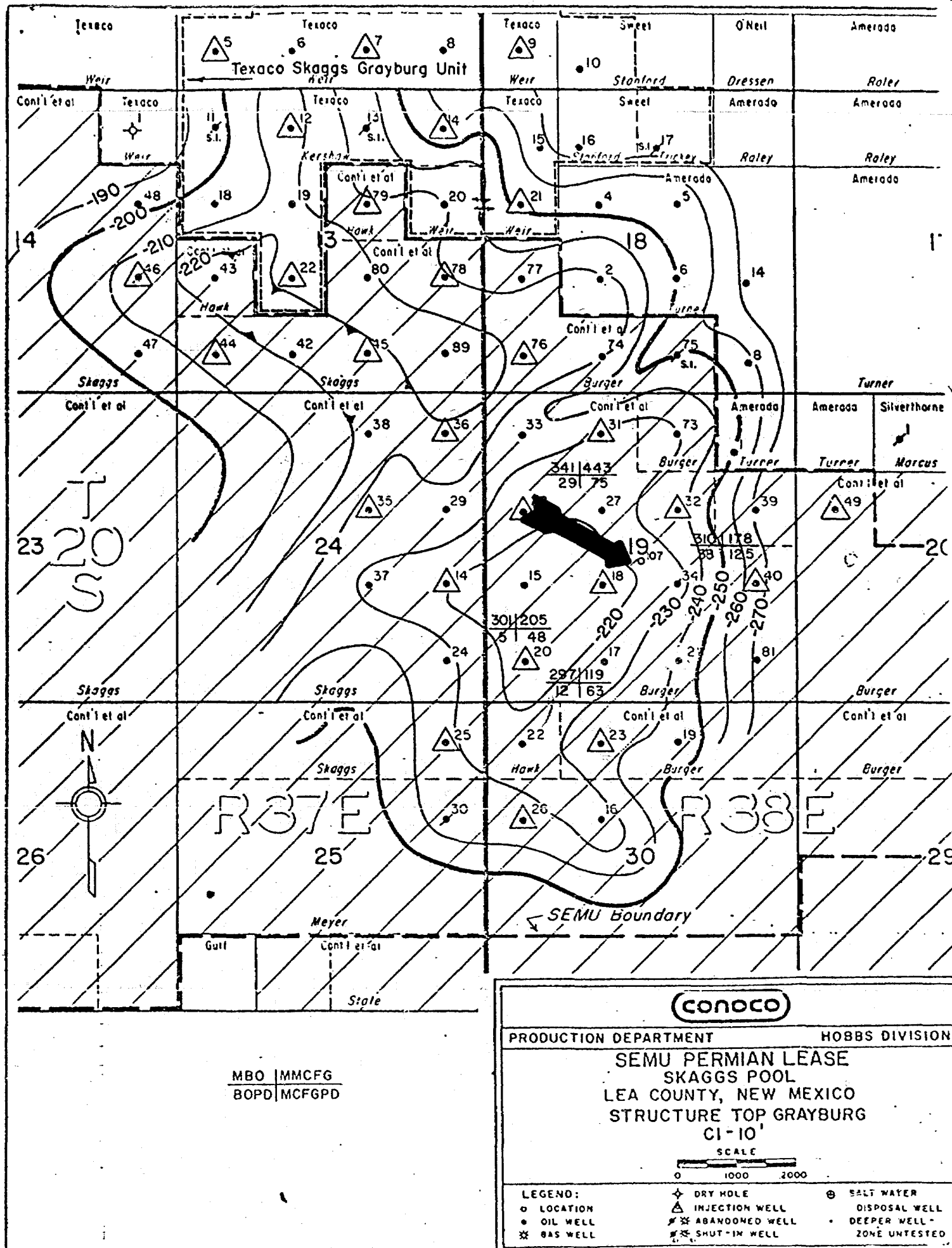
BEFORE EXAMINER STAMETS  
OIL CONSERVATION DIVISION

EXHIBIT NO. 3

CASE NO. 6834

Submitted by Conoco Inc.

Hearing Date 3/26/80



BEFORE EXAMINER STAMETS  
OIL CONSERVATION DIVISION

EXHIBIT NO. 4

CASE NO. 6834

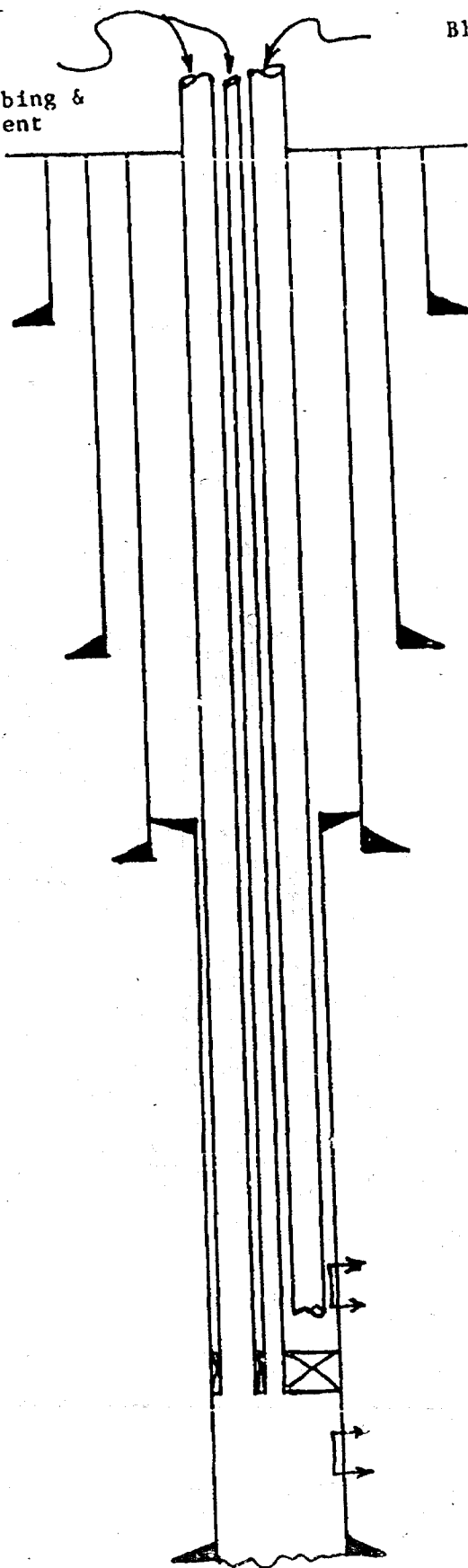
Submitted by Conoco Inc.

Hearing Date 3/26/80

Blinebry 2-3/8" Buttress tubing

Drinkard  
2-3/8" Buttress tubing &  
1-1/4" IJ Tubing vent

SEMU BURGER NO. 107  
2615' FSL & 2615' FEL  
Sec. 19, T-20S, R-38E  
Lea County, New Mexico



400'-20" 94# H-40 Casing

2800'-13-3/8" 61# J-55 Casing

4250'-9-5/8" 47# N-80 Casing

5850'  
6000' Blinebry - shot selectively

6665'  
6690' Drinkard - shot selectively

7015' - 7" 26# Liner

PROPOSED WELLBORE

SEMU BURGER NO. 107

BEFORE EXAMINED STATEMENTS  
OIL CONSERVATION DIVISION

EXHIBIT NO. 5

CASE NO. 6834

Submitted by Conoco Inc.

Hearing Date 3/26/80

## NEW MEXICO OIL CONSERVATION COMMISSION

Exhibit No. 6

SANTA FE, NEW MEXICO

5-1-61

## APPLICATION FOR MULTIPLE COMPLETION

Operator Conoco Inc.		County Lea		Date March 21, 1980
Address P. O. Box 460 Hobbs, N. M. 88240		Lease SEMU Burger		Well No. 107
Location or Well	Unit I	Section 19	Township 20-S	Range 37-E

1. Has the New Mexico Oil Conservation Commission heretofore authorized the multiple completion of a well in these same pools or in the same zones within one mile of the subject well? YES \_\_\_\_\_ NO X
2. If answer is yes, identify one such instance: Order No. \_\_\_\_\_; Operator, Lease, and Well No.: \_\_\_\_\_

3. The following facts are submitted:	Upper Zone	Intermediate Zone	Lower Zone
a. Name of Pool and Formation	Blinebry Oil & Gas		Drinkard
b. Top and Bottom of Pay Section (Perforations)	5857 ***		6665'
c. Type of production (Oil or Gas)	Oil		Oil
d. Method of Production (Flowing or Artificial Lift)	Artificial Lift		Artificial Lift

4. The following are attached. (Please mark YES or NO)

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- Yes b. Plat showing the location of all wells on applicant's lease, all offset wells on offset leases, and the names and addresses of operators of all leases offsetting applicant's lease.
- \* c. Waivers consenting to such multiple completion from each offset operator, or in lieu thereof, evidence that said offset operators have been furnished copies of the application. \*
- \*\* d. Electrical log of the well or other acceptable log with tops and bottoms of producing zones and intervals of perforation indicated thereon. (If such log is not available at the time application is filed, it shall be submitted as provided by Rule 112--A.)

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\* Conoco Inc. is offset operator.

\*\* Electric logs will be submitted when well is drilled.

\*\*\* Represents zone marker.

6. Were all operators listed in Item 5 above notified and furnished a copy of this application? YES \_\_\_\_\_ NO \_\_\_\_\_. If answer is yes, give date of such notification \_\_\_\_\_.

CERTIFICATE: I, the undersigned, state that I am the Ass't. Division Manager of the Conoco Inc. (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

Signature

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NOTE: If the proposed multiple completion will result in an unorthodox well location and/or a non-standard proration unit in either or both of the producing zones, then separate application for approval of the same should be filed simultaneously with this application.

Exhibit No 6

NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT

EXHIBIT NO. 1  
Form C-102  
Supersedes C-128  
Effective 1-1-85

All distances must be from the outer boundaries of the Section.

Operator <b>Conoco Inc.</b>		Lease <b>SEMU Burger</b>		Well No. <b>107</b>
Unit Letter <b>J</b>	Section <b>19</b>	Township <b>20 South</b>	Range <b>38 East</b>	County <b>Lea</b>
Actual Footage Location of Well: <b>2615</b> feet from the <b>South</b> line and <b>2615</b> feet from the <b>East</b> line				
Ground Level Elev. <b>3536.7</b>	Producing Formation <b>Blinebry/Drinkard</b>	Pool <b>Blinebry Oil &amp; Gas/Skaggs Drinkard</b>	Dedicated Acreage <b>40</b> Acres	

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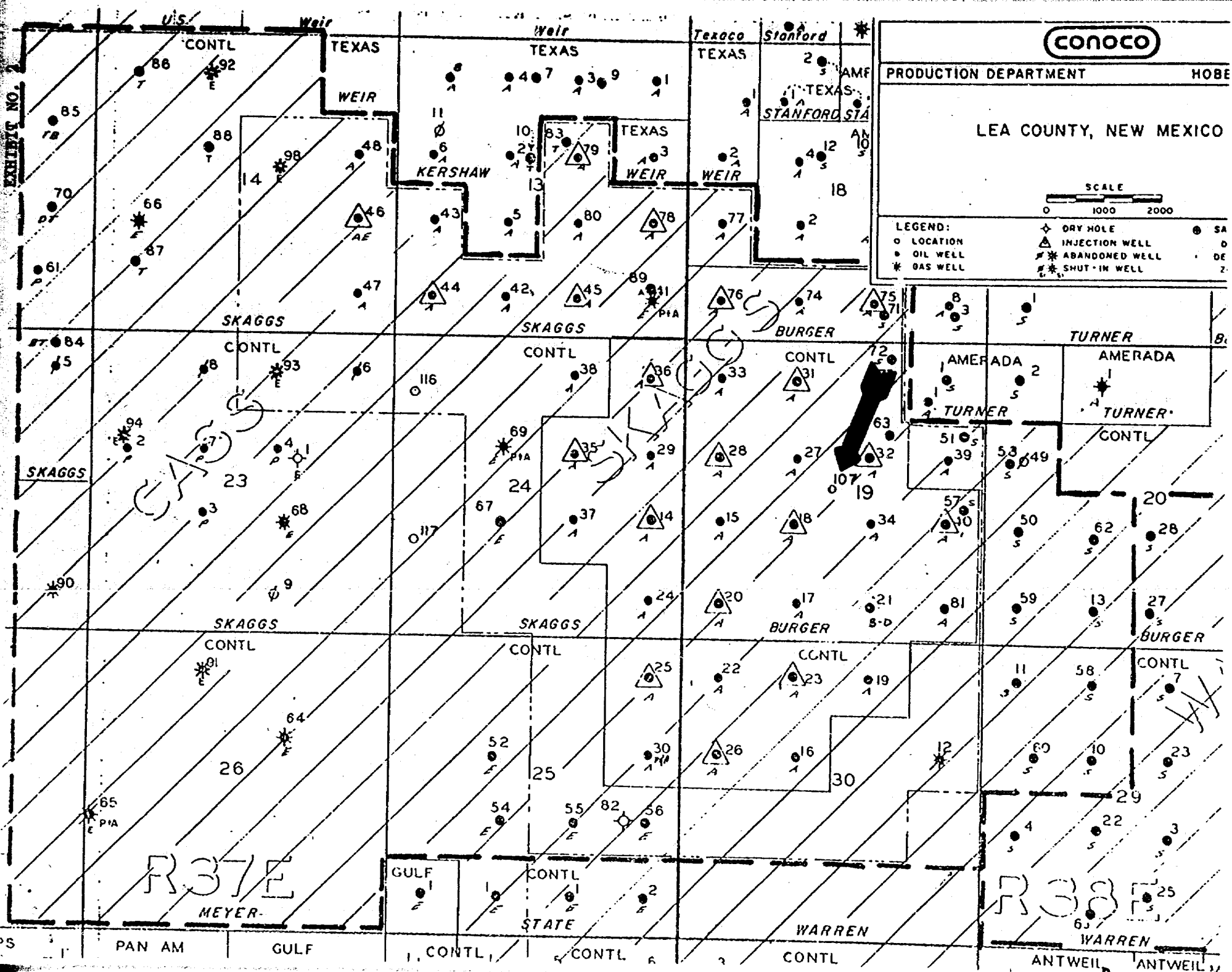
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	<b>CERTIFICATION</b>
	I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.
	Name <b>S/ W.A. Butterfield</b>
	Position <b>Adm. Supervisor</b>
	Company <b>Conoco Inc.</b>
	Date <b>2/21/80</b>
	I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.
	Date Surveyed <b>January 12, 1979</b>
	Registered Professional Engineer and/or Land Surveyor <b>S/ John West</b>
	Certificate No. _____

0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0

BEFORE EXAMINER STAMETS  
OIL CONSERVATION DIVISION  
EXHIBIT NO. 1  
CASE NO. 6834  
Submitted by Conoco Inc.  
Hearing Date 3/26/80

EXHIBIT NO. 2



CONOCO

PRODUCTION DEPARTMENT HOBE

LEA COUNTY, NEW MEXICO

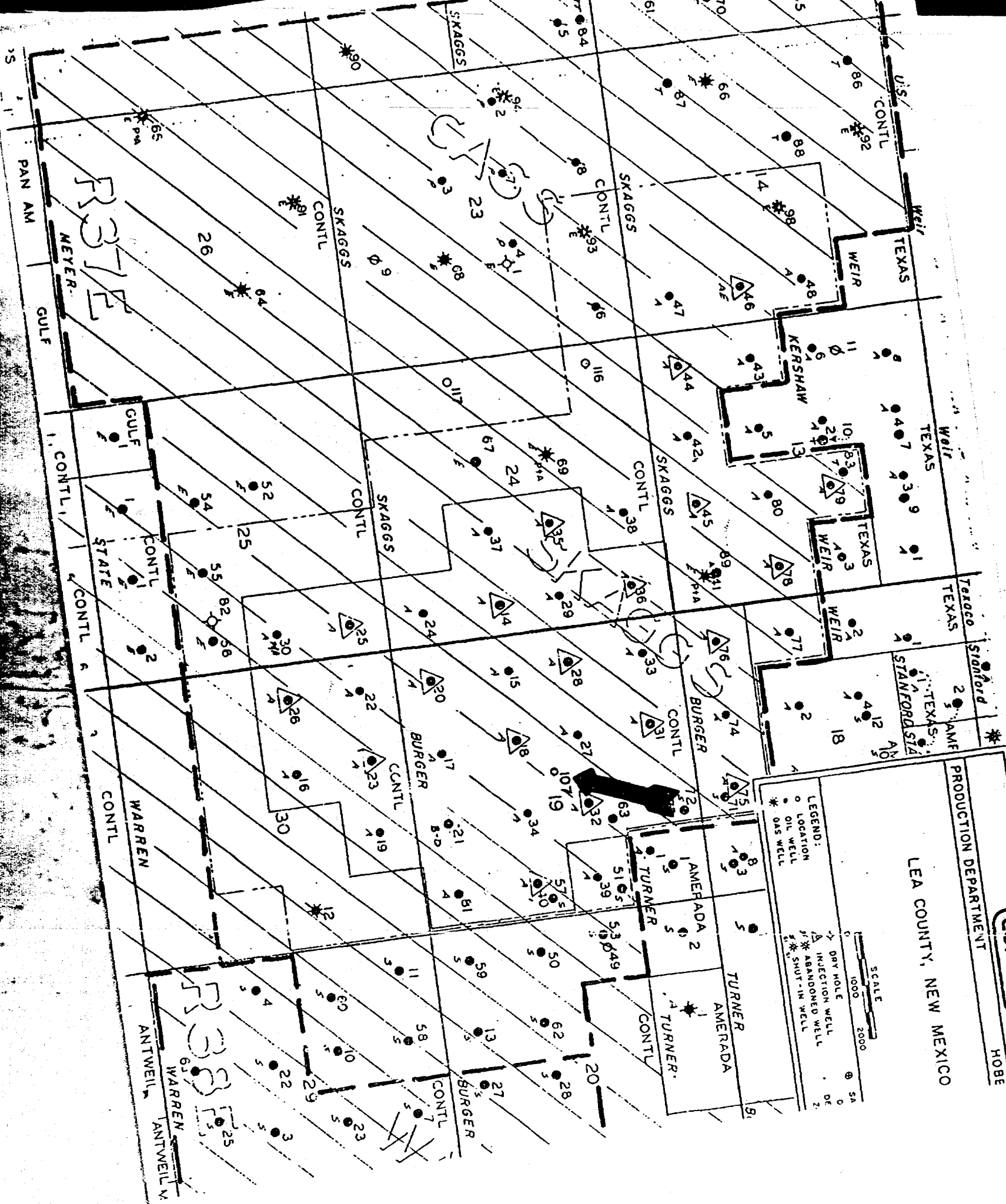
SCALE  
0 1000 2000

LEGEND:  
○ LOCATION  
● OIL WELL  
★ GAS WELL  
○ ✕ DRY HOLE  
△ INJECTION WELL  
★ ✕ ABANDONED WELL  
★ ✕ SHUT-IN WELL

R37E

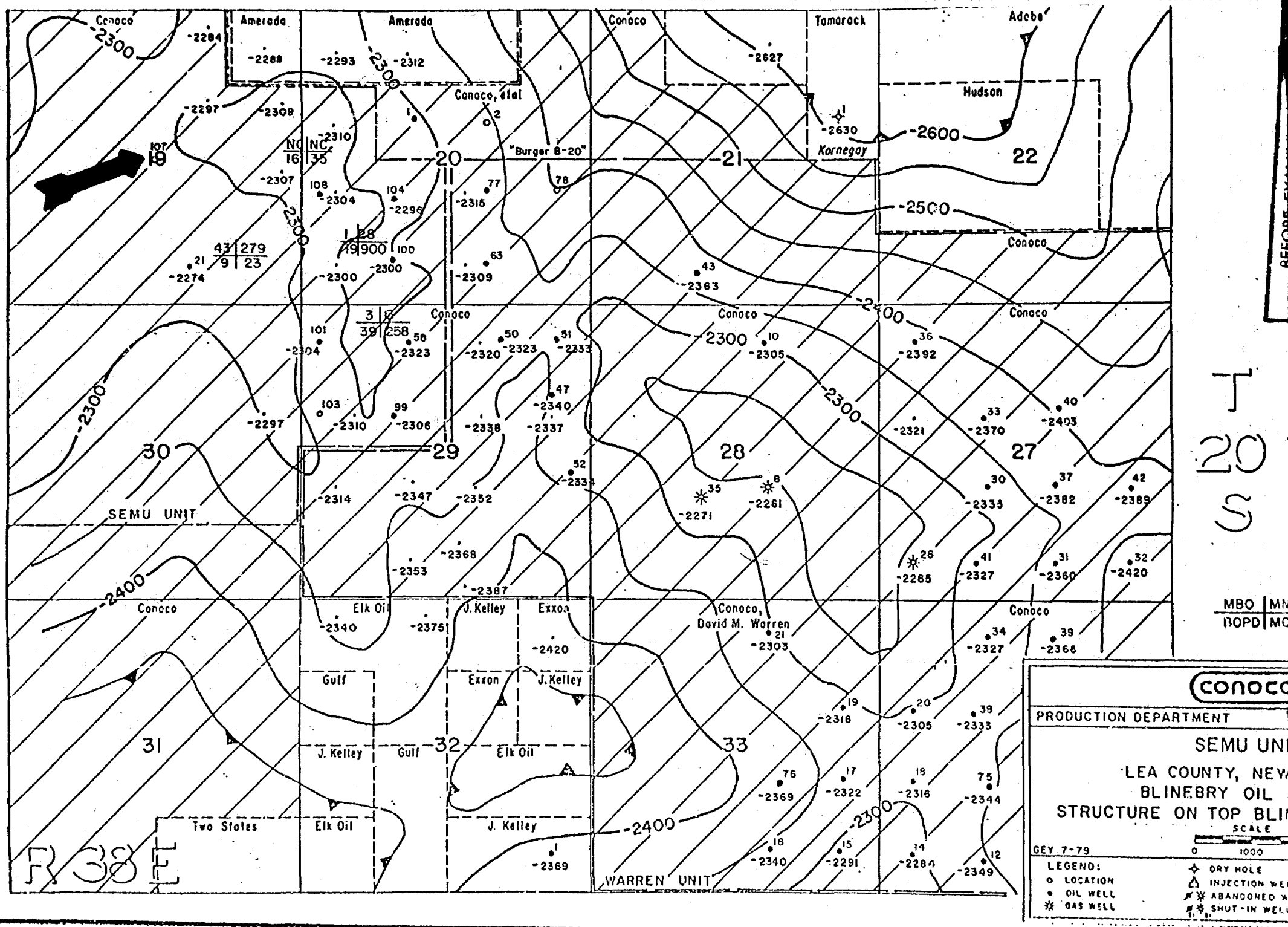
R38E

PAN AM GULF 1, CONTL 1, CONTL 6 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

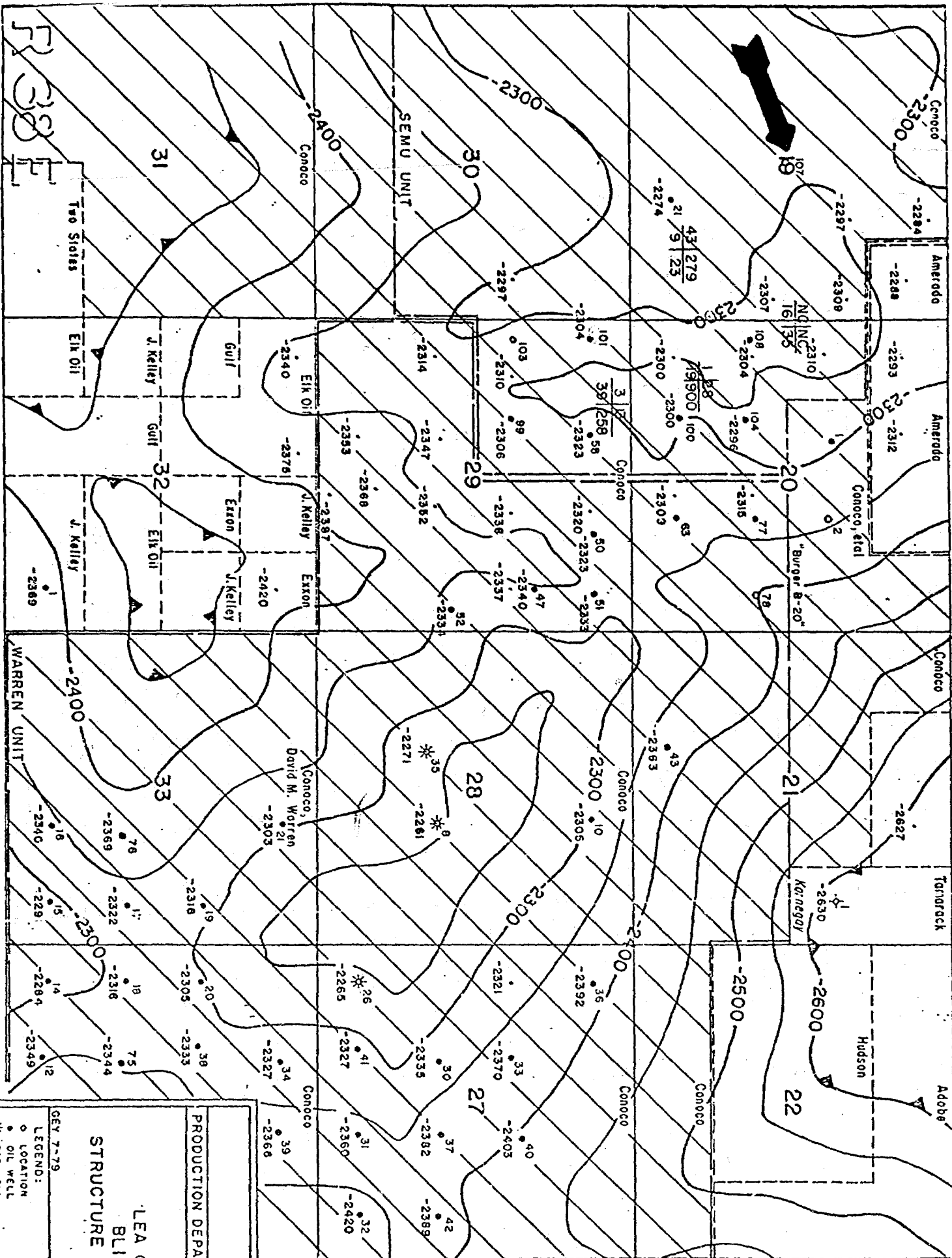


BEFORE EXAMINER STAMETS  
 OIL CONSERVATION DIVISION  
 EXHIBIT NO. 2  
 CASE NO. 6834  
 Submitted by Conoco Inc.  
 Hearing Date 3/26/80









**CONOCO**

PRODUCTION DEPARTMENT

SEM U UNIT

LEA COUNTY, NEW MEXICO

BLINEBRY OIL POOL

STRUCTURE ON TOP BLINEBRY MARKE

LEGEND:

- DRY HOLE
- OIL LOCATION
- OIL WELL
- \* OAS WELL
- △ INJECTION WELL
- \* ABANDONED WELL
- \* SHUT-IN WELL
- ⊙ SALT WATER DISPOSAL
- DEEPER WC
- ZONE UNIT

SCALE

0 1000 2000

GEY 7-79

MBO | MCFG  
BOPD | MCFGPD

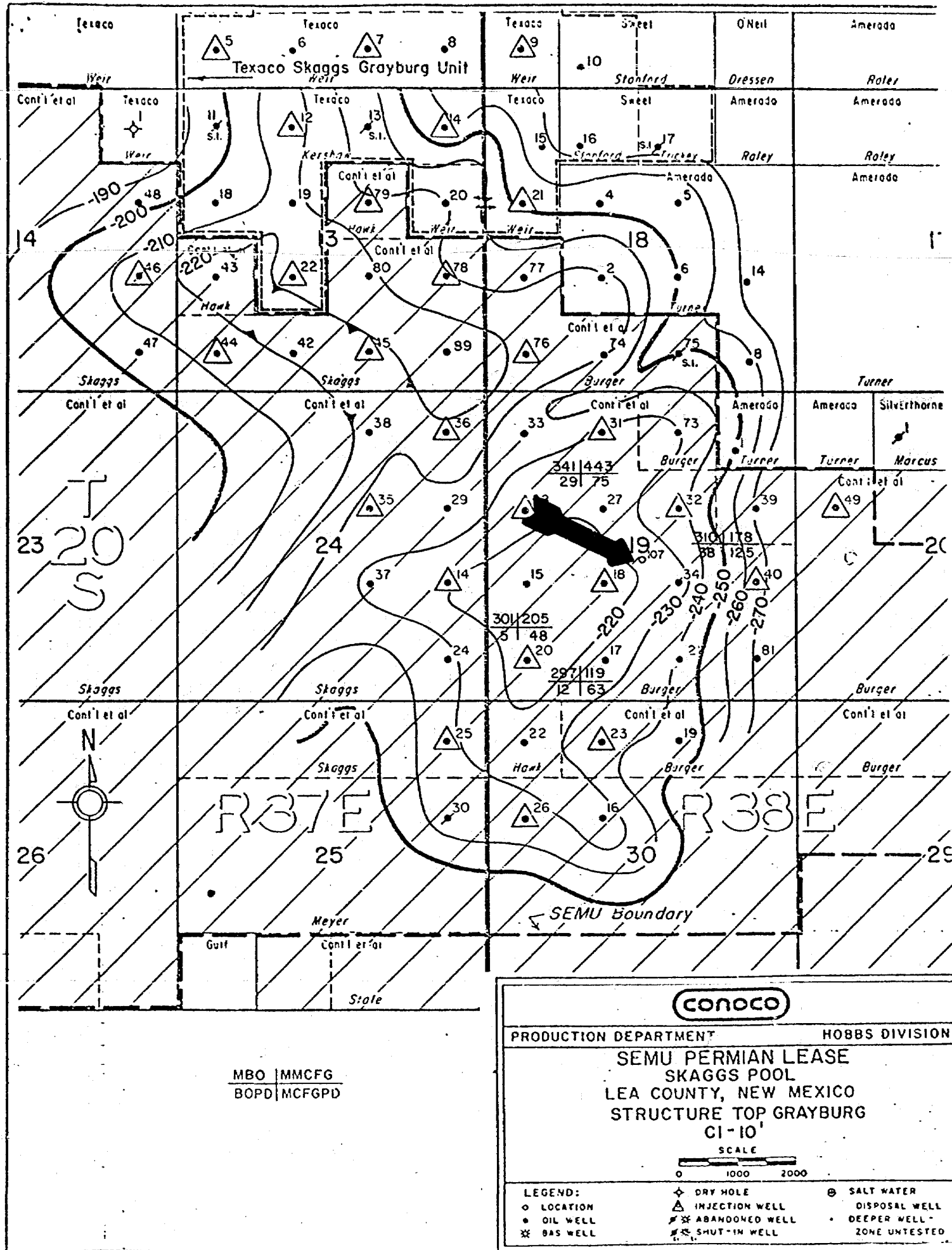
BEFORE EXAMINER STAMETS  
OIL CONSERVATION DIVISION

EXHIBIT NO. 3

CASE NO. 6834

Submitted by Conoco Inc.

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BEFORE EXAMINER STAMETS  
OIL CONSERVATION DIVISION

EXHIBIT NO. 4

CASE NO. 6834

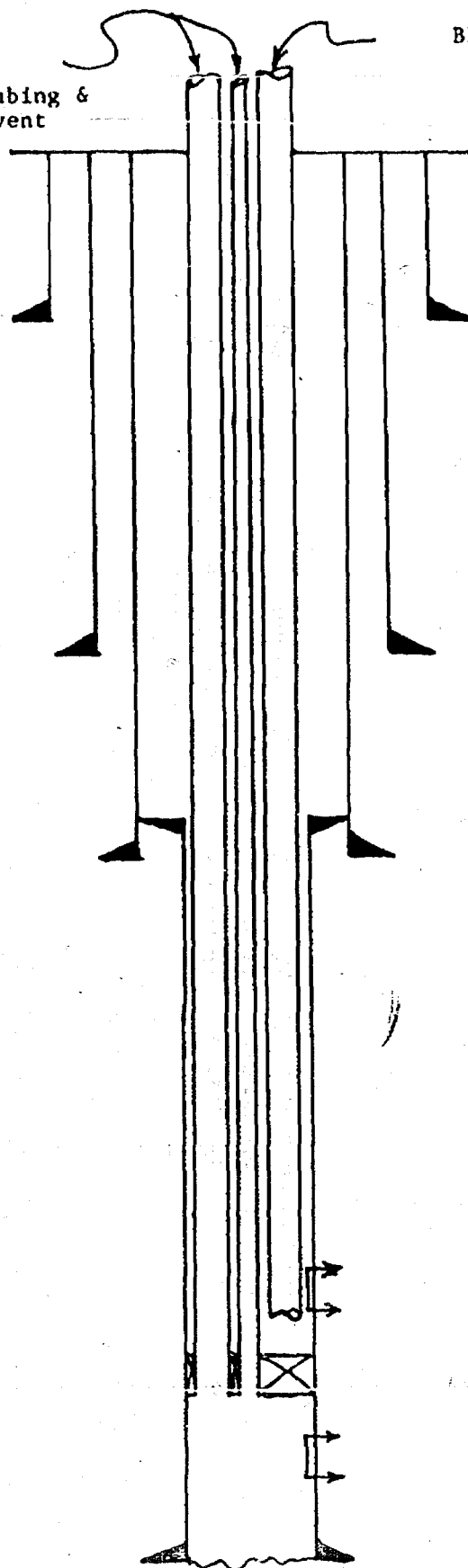
Submitted by Conoco Inc.

Hearing Date 3/26/80

Blinebry 2-3/8" Buttress tubing

Drinkard  
2-3/8" Buttress tubing &  
1-1/4" TJ Tubing vent

SEMU BURGER NO. 107  
2615' FSL & 2615' FEL  
Sec. 19, T-20S, R-38E  
Lea County, New Mexico



400'-20" 94# H-40 Casing

2800'-13-3/8" 61# J-55 Casing

4250'-9-5/8" 47# N-80 Casing

5850'

Blinebry - shot selectively

6000'

6665'

6690' Drinkard - shot selectively

7015' - 7" 26# Liner

PROPOSED WELLBORE

SEMU BURGER NO. 107

BEFORE EXAMINER STAMETS  
OIL CONSERVATION DIVISION

EXHIBIT NO. 5

CASE NO. 6834

Submitted by Conoco Inc.

Hearing Date 3/26/80

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT  
OIL CONSERVATION DIVISION  
STATE LAND OFFICE BLDG.  
SANTA FE, NEW MEXICO  
12 March 1980

EXAMINER HEARING

IN THE MATTER OF:

Application of Conoco, Inc., for a dual completion and unorthodox well location, Lea County, New Mexico.

CASE  
6834

BEFORE: Daniel S. Nutter

TRANSCRIPT OF HEARING

A P P E A R A N C E S

For the Oil Conservation  
Division:

Ernest L. Padilla, Esq.  
Legal Counsel to the Division  
State Land Office Bldg.  
Santa Fe, New Mexico 87501

SALLY W. BOYD, C.S.R.

Rt. 1 Box 193-B  
Santa Fe, New Mexico 87501  
Phone (505) 435-7409

MR. NUTTER: We'll call next Case Number

1  
2 6834.

MR. PADILLA: Application of Conoco, Inc.

3  
4 for a dual completion and unorthodox well location, Lea  
5 County, New Mexico.

6 MR. NUTTER: Due to an error in the ad-  
7 vertisement of Case Number 6834, it has been -- it will be  
8 continued to March 26th, and has been re-advertised for that  
9 hearing.

(Hearing concluded.)

SALLY W. BOYD, C.S.R.  
Rt. 1 Box 192-B  
Santa Fe, New Mexico 87501  
Phone (505) 455-7409

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REPORTER'S CERTIFICATE

I, SALLY W. BOYD, C.S.R., DO HEREBY CERTIFY that the foregoing Transcript of Hearing before the Oil Conservation Division was reported by me; that the said transcript is a full, true, and correct record of the hearing, prepared by me to the best of my ability.

Sally W. Boyd C.S.R.

I do hereby certify that the foregoing is a complete record of the proceedings in the Examiner hearing of Case No. 4834 heard by me on 3/12 1980.

[Signature] Examiner  
Oil Conservation Division

SALLY W. BOYD, C.S.R.

Rt. 1 Box 193-B  
Santa Fe, New Mexico 87501  
Phone (505) 455-7409

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STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT  
OIL CONSERVATION DIVISION  
STATE LAND OFFICE BLDG.  
SANTA FE, NEW MEXICO  
12 March 1980

EXAMINER HEARING

IN THE MATTER OF:

Application of Conoco, Inc., for a dual ) CASE  
completion and unorthodox well location, ) 6834  
Lea County, New Mexico. )

BEFORE: Daniel S. Nutter

TRANSCRIPT OF HEARING

A P P E A R A N C E S

For the Oil Conservation Division: Ernest L. Padilla, Esq.  
Legal Counsel to the Division  
State Land Office Bldg.  
Santa Fe, New Mexico 87501

SALLY W. BOYD, C.S.R.  
Rt. 1 Box 193-B  
Santa Fe, New Mexico 87501  
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MR. NUTTER: We'll call next Case Number  
6834.

MR. PADILLA: Application of Conoco, Inc.  
for a dual completion and unorthodox well location, Lea  
County, New Mexico.

MR. NUTTER: Due to an error in the ad-  
vertisement of Case Number 6834, it has been -- it will be  
continued to March 26th, and has been re-advertised for that  
hearing.

(Hearing concluded.)

SALLY W. BOYD, C.S.R.

Rt. 1 Box 193-B  
Santa Fe, New Mexico 87501  
Phone (505) 455-7409



REPORTER'S CERTIFICATE

I, SALLY W. BOYD, C.S.R., DO HEREBY CERTIFY that the foregoing Transcript of Hearing before the Oil Conservation Division was reported by me; that the said transcript is a full, true, and correct record of the hearing, prepared by me to the best of my ability.

SALLY W. BOYD, C.S.R.

Rt. 1 Box 193-B  
Santa Fe, New Mexico 87501  
Phone (505) 455-7409

I do hereby certify that the foregoing is a complete record of the proceedings in the Examiner hearing of Case No. B834 heard by me on 3/12 1980.

[Signature], Examiner  
Oil Conservation Division

**CASE 6846:** Application of Doyle Hartman for two compulsory poolings, two non-standard gas proration units, and two unorthodox well locations, Lea County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests in the Eumont Gas Pool underlying two 80-acre non-standard gas proration units, the first being the S/2 NE/4 of Section 13, Township 21 South, Range 36 East, to be dedicated to a well to be drilled at an unorthodox location 1650 feet from the North line and 2310 feet from the East line of said Section 13, and the second being the N/2 NE/4 of said Section 13 to be dedicated to a well to be drilled at an unorthodox location 1330 feet from the North line and 2310 feet from the East line of said Section 13. Also to be considered will be the cost of drilling and completing said wells and the allocation of the cost thereof as well as actual operating costs and charges for supervision. Also to be considered will be the designation of applicant as operator of the wells and a charge for risk involved in drilling said wells.

**CASE 6834:** (Continued and Readvertised)

Application of Conoco Inc. for a dual completion and unorthodox well location, Lea County, New Mexico. Applicant, in the above-styled cause, seeks approval for the dual completion (conventional) of its SEMU Burger Well No. 107 at an unorthodox location 2615 feet from the South and East lines of Section 19, Township 20 South, Range 38 East, to produce oil from the Blinbry Oil and Gas and Drinkard Pools.

**CASE 6837:** (Continued from March 12, 1980, Examiner Hearing)

Application of Curtis Little for compulsory pooling, Rio Arriba County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests in the Dakota formation underlying the W/2 of Section 7, Township 25 North, Range 3 West, to be dedicated to a well to be drilled at a standard location thereon. Also to be considered will be the cost of drilling and completing said well and the allocation of the cost thereof as well as actual operating costs and charges for supervision. Also to be considered will be the designation of applicant as operator of the well and a charge for risk involved in drilling said well.

**CASE 6847:** Application of Tenneco Oil Company for dual completions and downhole commingling, San Juan County, New Mexico. Applicant, in the above-styled cause, seeks authority to dually complete, in such a manner as to produce gas from the Dakota formation and commingled Chacra and Mesaverde production through parallel strings of tubing, ten proposed wells to be located as follows: in Township 29 North, Range 10 West: Unit C, Section 19; Unit N, Section 19; Unit A, Section 30; and Unit D, Section 30; in Township 29 North, Range 11 West: Unit G, Section 24; Unit O, Section 24; Unit A, Section 25; Unit D, Section 25; Unit M, Section 25; and Unit P, Section 25.

**CASE 6818:** (Continued from March 12, 1980, Examiner Hearing)

Application of Tenneco Oil Company for an NCPA determination, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks a new onshore reservoir determination for its State HL 11 Well No. 1 located in Unit N of Section 11, Township 19 South, Range 29 East.

**CASE 6849:** (This is the same matter as was previously designated Case No. 6813.)

Application of Petroleum Development Corporation to amend Order No. R-6196, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks to amend Order No. R-6196 which authorized re-entry of a well at an unorthodox location in the Lusk-Morrow Gas Pool to be dedicated to the N/2 of Section 13, Township 19 South, Range 31 East. Applicant now seeks approval for a new revised location 750 feet from the North line and 660 feet from the West line of said Section 13.

**CASE 6848:** Application of Petroleum Development Corporation for pool contraction and creation, Lea County, New Mexico. Applicant, in the above-styled cause, seeks the contraction of the Querecho Plains-Bone Spring Pool to comprise the Upper Bone Spring formation only, from 8390 feet to 8680 feet on the log of its McKay West Federal Well No. 1 located in Unit F of Section 34, Township 18 South, Range 32 East, and the creation of the Querecho Plains-Lower Bone Spring Pool to comprise said formation from 8680 feet to the base of the Bone Spring underlying the NW/4 of said Section 34.

**CASE 6826:** (Continued from March 12, 1980, Examiner Hearing)

Application of Tahoe Oil and Cattle Company for compulsory pooling, Lea County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests in the Penrose Skelly Pool underlying the SE/4 SE/4 of Section 25, Township 21 South, Range 36 East, to be dedicated to its Bromlee Well No. 1 located thereon. Also to be considered will be the cost of recompleting said well and the allocation of the cost thereof as well as actual operating costs and charges for supervision. Also to be considered will be the designation of applicant as operator of the well and a charge for risk involved in recompleting said well.

Docket No. 8-80

Dockets Nos. 9-80 and 10-80 are tentatively set for April 9 and 23, 1980. Applications for hearing must be filed at least 22 days in advance of hearing date.

DOCKET: EXAMINER HEARING - WEDNESDAY - MARCH 26, 1980

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

The following cases will be heard before Richard L. Stamets, Examiner, or Daniel S. Nutter, Alternate Examiner:

- CASE 6838: Application of Amax Chemical Corporation for the amendment of Order No. R-111-A, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks the amendment of Order No. R-111-A to extend the boundaries of the Potash-Oil Area by the inclusion of certain lands in Sections 11, 12, and 13, Township 19 South, Range 30 East, and Sections 7 and 18, Township 19 South, Range 31 East.
- CASE 6839: Application of Kimbell Oil Company for downhole commingling, Rio Arriba County, New Mexico. Applicant, in the above-styled cause, seeks approval for the downhole commingling of Otero-Chacra and South Blanco-Pictured Cliffs production in the wellbore of its Salazar Well No. 4-26 to be located in Unit D of Section 26, Township 25 North, Range 6 West.
- CASE 6840: Application of Union Texas Petroleum for downhole commingling, San Juan County, New Mexico. Applicant, in the above-styled cause, seeks approval for the downhole commingling of Fruitland and Pictured Cliffs production in the wellbore of its Johnston Federal Well No. 11Y located in Unit N of Section 7, Township 31 North, Range 9 West.
- CASE 6841: Application of CIG Exploration, Inc. for two non-standard gas proration units, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks approval of two non-standard gas proration units in Township 16 South, Range 28 East, the first being 219.6 acres comprising Lots 1 thru 8 of Section 1 and the second being 219.92 acres comprising Lots 1 thru 8 of Section 2, for the Wolfcamp, Pennsylvanian, and Mississippian formations, each unit to be dedicated to a well to be drilled at a standard location thereon.
- CASE 6842: Application of ARCO Oil and Gas Company for an unorthodox gas well location, simultaneous dedication, and approval of infill drilling, Lea County, New Mexico. Applicant, in the above-styled cause, seeks approval for the unorthodox location of its W. C. Roach Well No. 6, 660 feet from the North line and 1980 feet from the West line of Section 21, Township 20 South, Range 37 East, Eumont Gas Pool, to be simultaneously dedicated with its W. C. Roach Well No. 1 in Unit D to the W/2 of said Section 21. Also sought are findings that the proposed well is necessary to effectively and efficiently drain that portion of the proration unit which cannot be so drained by the existing unit well.
- CASE 6843: Application of Yates Petroleum Corporation for two compulsory poolings, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests in the Yaso formation underlying two 40-acre proration units, the first being the SE/4 SE/4 and the second being the SW/4 SE/4 of Section 6, Township 19 South, Range 25 East, Penasco Draw Field, each unit to be dedicated to a well to be drilled at a standard location thereon. Also to be considered will be the cost of drilling and completing said wells and the allocation of the cost thereof as well as actual operating costs and charges for supervision. Also to be considered will be the designation of applicant as operator of the wells and a charge for risk involved in drilling said wells.
- CASE 6844: Application of Arrowhead Oil Corporation for two exceptions to Order No. R-111-A and an unorthodox well location, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks an exception to the casing-cementing rules of Order No. R-111-A to complete its Creek Federal Well No. 3 at an unorthodox location 250 feet from the North line and 2350 feet from the East line and its Creek Federal Well No. 4 to be drilled in Unit C, both in Section 23, Township 18 South, Range 30 East, by setting surface casing at a depth of approximately 600 feet and production casing at total depth. The production casing would have cement circulated back to the potash zone in the salt section.
- CASE 6845: Application of Marathon Oil Company for an unorthodox gas well location, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks approval for the unorthodox location of a well to be drilled 800 feet from the North line and 200 feet from the East line of Section 30, Township 21 South, Range 23 East, Indian Basin-Upper Pennsylvanian Gas Pool, all of Section 30 or that portion thereof which may be reasonably presumed productive of gas from said pool to be dedicated to the well.

Docket No. 6-80

Dockets Nos. 8-80 and 9-80 are tentatively set for March 26 and April 9, 1980. Applications for hearing must be filed at least 22 days in advance of hearing date.

DOCKET: COMMISSION HEARING - TUESDAY - MARCH 11, 1980

OIL CONSERVATION COMMISSION - 9 A.M. - ROOM 205  
STATE LAND OFFICE BUILDING, SANTA FE, NEW MEXICO

CASE 6609: (DE NOVO) (Continued and Readvertised)

Application of Napeco Inc. for pool creation and special pool rules, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks the creation of a new Strawn oil pool for its Benson Deep Unit Well No. 1 located in Unit O of Section 33, Township 18 South, Range 30 East, and special rules therefor, including 160-acre spacing and standard well locations.

Upon application of Yates Petroleum Corporation and Napeco Inc., this case will be heard De Novo pursuant to the provisions of Rule 1220. Applicants allege this is not an "oil" pool but is a "volatile" oil pool.

CASE 6823: Application of Amoco Production Company for 640-acre carbon dioxide gas well spacing, Harding, Quay, and Union Counties, New Mexico. Applicant, in the above-styled cause, seeks the amendment of Rule 104 of the Division Rules and Regulations to require that wildcat and development carbon dioxide gas wells projected to the Tubb or older formations in Harding, Quay, and Union Counties must be located on 640-acre spacing and proration units, and must be located no nearer than 1650 feet to the outer boundary of the tract and not nearer than 330 feet to any interior quarter-quarter section line.

\*\*\*\*\*  
Docket No. 7-80

DOCKET: EXAMINER HEARING - WEDNESDAY - MARCH 12, 1980

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

The following cases will be heard before Daniel S. Nutter, Examiner, or Richard L. Stamets, Alternate Examiner:

- ALLOWABLE: (1) Consideration of the allowable production of gas for April, 1980, from fifteen prorated pools in Lea, Eddy, and Chaves County, New Mexico.
- (2) Consideration of the allowable production of gas for April, 1980, from four prorated pools in San Juan, Rio Arriba, and Sandoval Counties, New Mexico.

CASE 6813: (Continued from February 27, 1980, Examiner Hearing) (This case will be dismissed.)

Application of Petroleum Development Corporation to amend Order No. R-6196, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks to amend Order No. R-6196 which authorized re-entry of a well at an unorthodox location in the Lusk-Morrow Gas Pool to be dedicated to the N/2 of Section 13, Township 19 South, Range 31 East. Applicant now seeks approval for a new revised location 750 feet from the North line and 660 feet from the West line of said Section 13.

CASE 6834: Application of Conoco Inc. for a dual completion and unorthodox well location, Lea County, New Mexico. (This case will be continued to March 26 and readvertised.)

Applicant, in the above-styled cause, seeks approval for the dual completion (conventional) of its SEMJ Burger Well No. 107 at an unorthodox location 2615 feet from the South and East lines of Section 24, Township 20 South, Range 38 East, to produce oil from the Blinbry Oil and Gas and Drinkard Pools.

CASE 6824: Application of American Trading and Production Corporation for a unit agreement, Lea County, New Mexico. Applicant, in the above-styled cause, seeks approval for the Talco Unit Area, comprising 4,800 acres, more or less, of State and Federal lands in Township 26 South, Range 35 East.

**CASE 6815:** (Continued and Readvertised)

Application of Florida Exploration Company for an unorthodox gas well location, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks approval for the unorthodox location of its Ross Draw Unit Well No. 8, a Wolfcamp gas well 1650 feet from the North and East lines of Section 27, Township 26 South, Range 30 East, the E/2 of said Section 27 being dedicated to the well.

**CASE 6825:** Application of Husky Oil Company for approval of infill drilling, Lea County, New Mexico. Applicant, in the above-styled cause, seeks a finding that the drilling of its North Shore Woolworth Well No. 5 to be located in Unit E of Section 33, Township 24 South, Range 37 East, Jalmat Pool, is necessary to effectively and efficiently drain that portion of the proration unit which cannot be so drained by the existing well.

**CASE 6826:** Application of Tahoe Oil and Cattle Company for compulsory pooling, Lea County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests in the Penrose Skelly Pool underlying the SE/4 SE/4 of Section 25, Township 21 South, Range 36 East, to be dedicated to its Bromlee Well No. 1 located thereon. Also to be considered will be the cost of recompleting said well and the allocation of the cost thereof as well as actual operating costs and charges for supervision. Also to be considered will be the designation of applicant as operator of the well and a charge for risk involved in recompleting said well.

**CASE 6827:** Application of Consolidated Oil & Gas, Inc. for compulsory pooling, San Juan County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests in the Gallup formation underlying the SE/4 of Section 2, Township 30 North, Range 12 West, and in the Mesaverde formation underlying the S/2 of said Section 2, to be dedicated to a well to be drilled at a standard location thereon. Also to be considered will be the cost of drilling and completing said well and the allocation of the cost thereof as well as actual operating costs and charges for supervision. Also to be considered will be the designation of applicant as operator of the well and a charge for risk involved in drilling said well.

**CASE 6828:** Application of Etheldred T. Ross for three non-standard gas proration units, Harding County, New Mexico. Applicant, in the above-styled cause, seeks approval of the three following non-standard gas proration units, all in Township 19 North, Range 30 East: a 40-acre unit comprising the SW/4 NE/4 of Section 12; and two 80-acre units in Section 14, the first comprising the N/2 NW/4 and the second comprising the N/2 SE/4; each of said units would be dedicated to a well to be drilled to the Tubb formation at a standard location thereon.

**CASE 6829:** Application of Alpha Twenty-One Production Company for approval of infill drilling, Lea County, New Mexico. Applicant, in the above-styled cause, seeks findings that the drilling of its El Paso Tom Federal Wells Nos. 1, 2, and 3, in Units D, E, and F, respectively, of Section 33, Township 25 South, Range 37 East, Langlie Mattix Pool, is necessary to effectively and efficiently drain that portion of the existing proration unit which cannot be drained by the existing well on each of said well's respective proration unit.

**CASE 6830:** Application of Enserch Exploration, Inc. for special pool rules or, in the alternative, a special gas-oil ratio, Roosevelt County, New Mexico. Applicant, in the above-styled cause, seeks an order promulgating special pool rules for the South Peterson-Pennsylvanian Field including a special gas-oil ratio of 4,000 to 1, or in the alternative, establishing a special gas-oil ratio of 4,000 to 1 for its Lambirth Well No. 3, located in Unit G of Section 31, Township 5 South, Range 33 East.

**CASE 6831:** Application of Yates Petroleum Corporation for an unorthodox gas well location, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks approval for the recompletion of its State "JM" Well No. 1 in the Wolfcamp thru Cisco formations at an unorthodox location 660 feet from the North and East lines of Section 25, Township 18 South, Range 24 East, the N/2 of said Section 25 to be dedicated to the well.

**CASE 6832:** Application of Yates Petroleum Corporation for an unorthodox gas well location, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks approval for the recompletion of its Cities "JC" Well No. 1 in the Wolfcamp thru Cisco formations at an unorthodox location 660 feet from the South and East lines of Section 13, Township 18 South, Range 24 East, the E/2 of said Section 13 to be dedicated to the well.

**CASE 6833:** Application of Harvey E. Yates Company for directional drilling, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to directionally drill its Betenbough Well No. 1, the surface location of which is 660 feet from the North line and 1980 feet from the West line of Section 32, Township 13 South, Range 36 East, in such a manner as to bottom it within 100 feet of a point 660 feet from the North line and 1830 feet from the West line of said Section 32 in the Austin-Mississippian Pool.

CASE 6818: (Continued from February 27, 1980, Examiner Hearing)

Application of Tenneco Oil Company for an NGPA determination, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks a new onshore reservoir determination for its State HL 11 Well No. 1 located in Unit M of Section 11, Township 19 South, Range 29 East.

CASE 6835: Application of Anadarko Production Company for an NGPA determination, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks a new onshore reservoir determination for its New Mexico State "AB" Com. Well No. 1 located in Unit M of Section 36, Township 18 South, Range 28 East.

CASE 6836: Application of Anadarko Production Company for an NGPA determination, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks a new onshore reservoir determination for its New Mexico "AA" State Well No. 1 located in Unit F of Section 35, Township 18 South, Range 28 East.

CASE 6837: Application of Curtis Little for compulsory pooling, Rio Arriba County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests in the Dakota formation underlying the W/2 of Section 7, Township 25 North, Range 3 West, to be dedicated to a well to be drilled at a standard location thereon. Also to be considered will be the cost of drilling and completing said well and the allocation of the cost thereof as well as actual operating costs and charges for supervision. Also to be considered will be the designation of applicant as operator of the well and a charge for risk involved in drilling said well.

CASE 6819: (Continued from February 27, 1980, Examiner Hearing)

Application of V-F Petroleum, Inc. for compulsory pooling, Lea County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests in the McKee or Devonian formations, or both, underlying four 40-acre units, being the SE/4 SE/4, NE/4 SE/4, NW/4 SE/4, and SW/4 SE/4 of Section 21, Township 23 South, Range 37 East, North Teague Field, each to be dedicated to a well to be drilled at a standard location thereon. Also to be considered will be the cost of drilling and completing said wells and the allocation of the cost thereof as well as actual operating costs and charges for supervision. Also to be considered will be the designation of applicant as operator of the wells and a charge for risk involved in drilling said wells.



L. P. Thompson  
Division Manager

John R. Kemp  
Assistant Division Manager

Production Department  
Hobbs Division  
North American Production

Conoco Inc.  
P. O. Box 460  
1001 North Turner  
Hobbs, NM 88240  
(505) 393-4141

February 8, 1980

New Mexico Oil Conservation Division  
Department of Energy and Minerals  
P.O. Box 2088  
Santa Fe, New Mexico 87501

Case 6834

Attention Mr. Dan Nutter

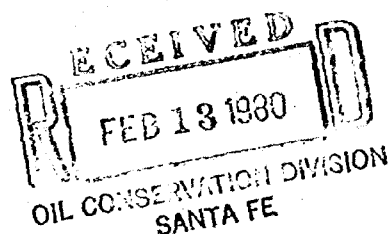
Gentlemen:

Application For Approval to Drill and Dually Complete in the Blinebry Oil  
& Gas and Drinkard Pools at a Non-Standard Location, Semu Burger No. 107  
Section 19, T-20S, R-38E, Lea County, New Mexico

Attached are three (3) copies of the subject application. Please schedule  
this for Examiner hearing at the earliest possible date.

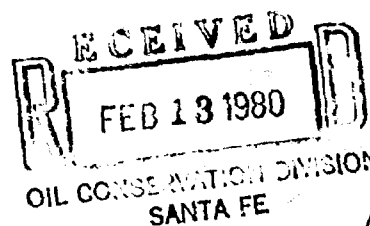
Very truly yours,

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BEFORE THE OIL CONSERVATION DIVISION  
ENERGY AND MINERALS DEPARTMENT  
OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE APPLICATION OF  
CONOCO INC. FOR APPROVAL TO DRILL  
AND DUALY COMPLETE IN THE BLINEBRY  
OIL & GAS AND DRINKARD POOLS AT A  
NON-STANDARD LOCATION 2615' FSL &  
2615' FEL OF SECTION 19, T-20S,  
R-38E, LEA COUNTY, NEW MEXICO ITS  
SEMU BURGER WELL NO. 107



A P P L I C A T I O N

Applicant, CONOCO INC., respectfully requests authority to drill  
and dually complete in the Blinebry Oil & Gas and Drinkard pools at a  
non-standard location its SEMU Burger Well No. 107 located in Unit J,  
2615' FSL and 2615' FEL of Section 19, T-20S, R-38E, Lea County, New  
Mexico and in support thereof will show:


1. Applicant is operator and co-owner of the Southeast Monument  
Unit, which in addition to other lands includes all of Section 24, T-20S,  
R-37E, Lea County, New Mexico.
2. Applicant wishes to drill and dually complete in the Blinebry  
Oil & Gas and Drinkard pools its SEMU Burger Well No. 107 at a non-standard  
location 2615' FSL and 2615' FEL of Section 24, T-20S, R-38E, Lea County.
3. That drilling at the non-standard location will enhance chances  
of achieving a commercial well in both zones and help to evaluate infill  
drilling potential for our Skaggs Waterflood.
4. That the drilling of this well will prevent waste and will not  
impair the correlative rights of any party.

WHEREFORE, applicant respectfully requests this application be set  
for hearing before the Division's duly appointed examiner and, upon hearing,  
an order be entered authorizing the drilling and dual completion of said well  
at the prescribed location.

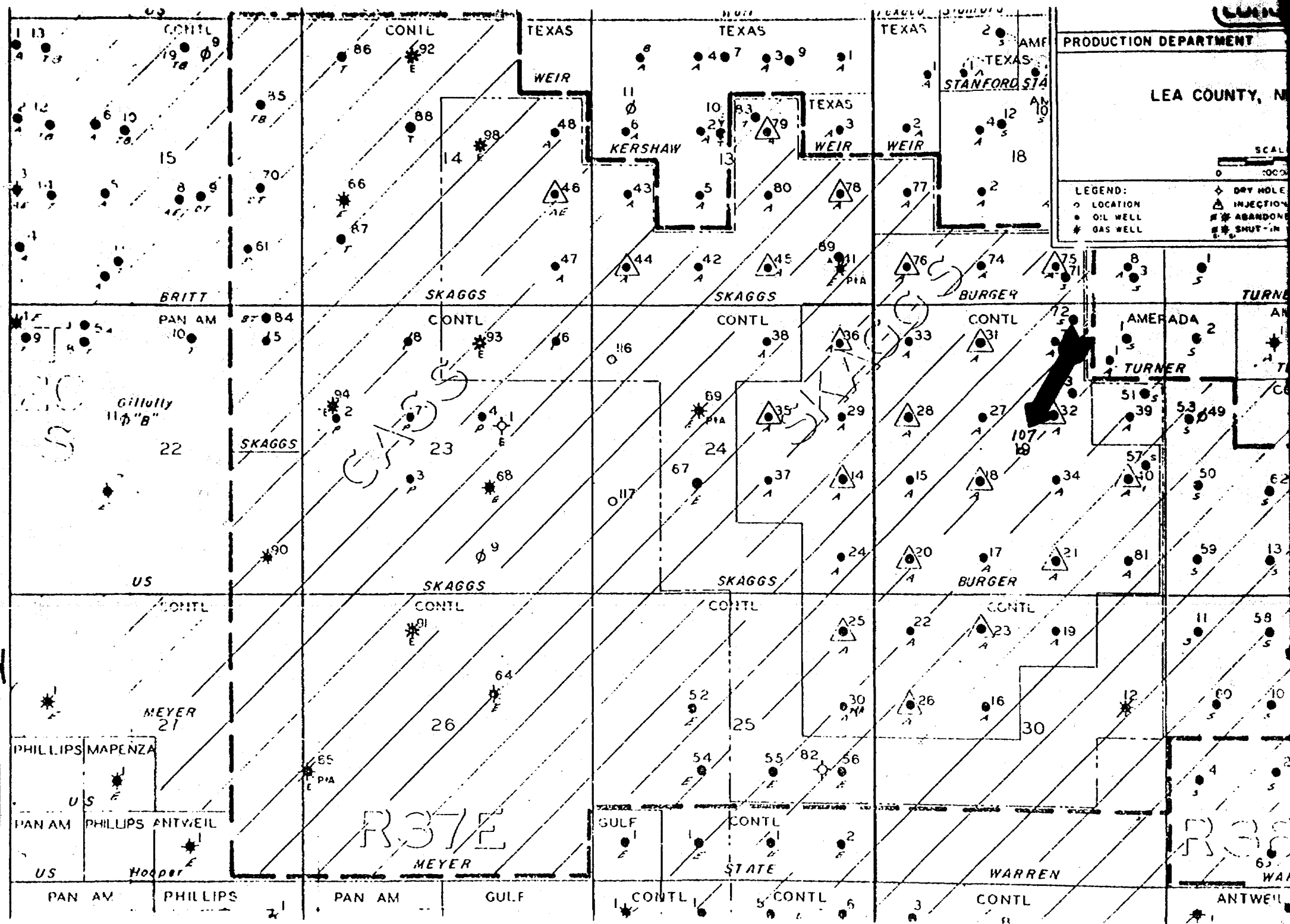
Respectfully submitted;

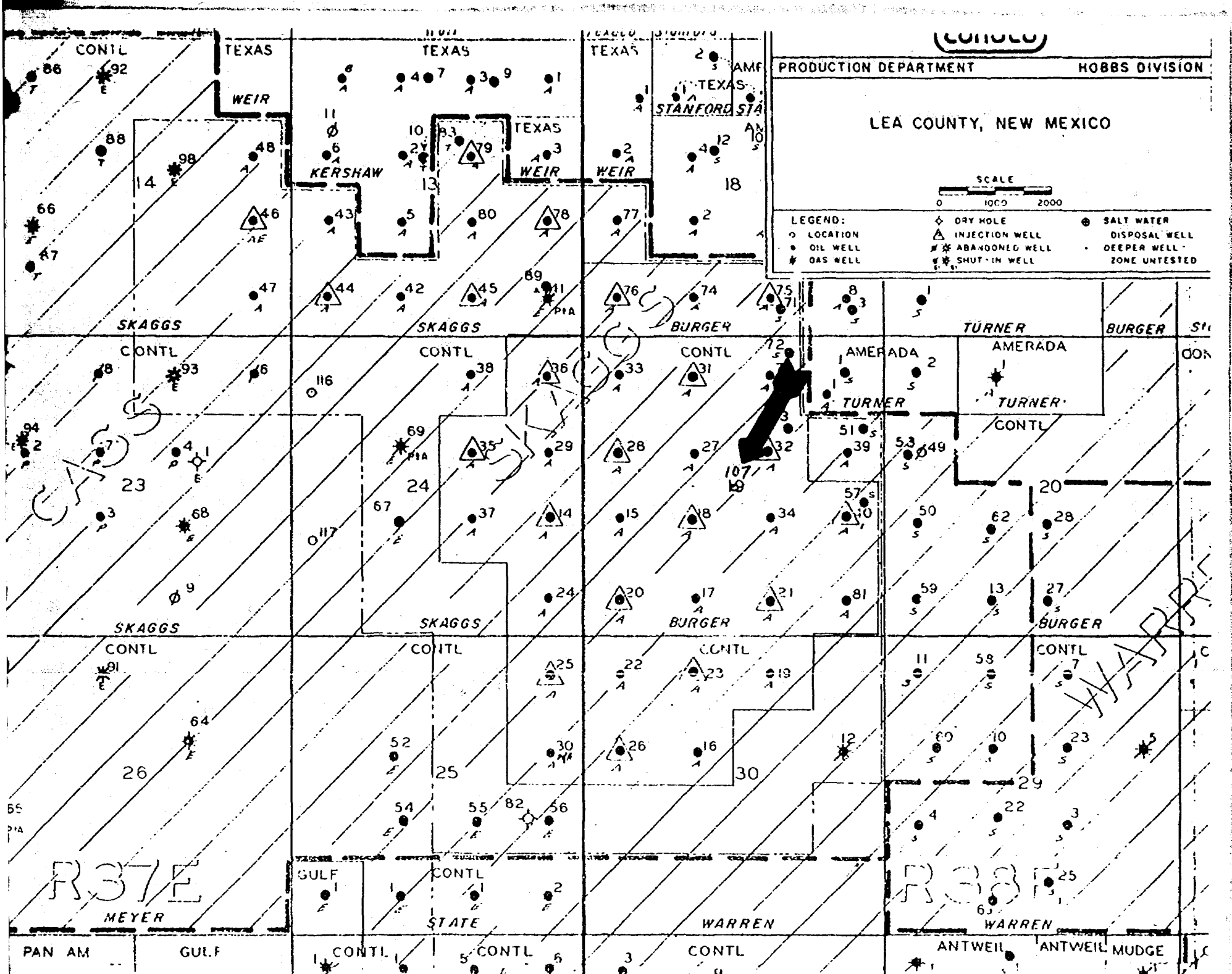
CONOCO INC.

By

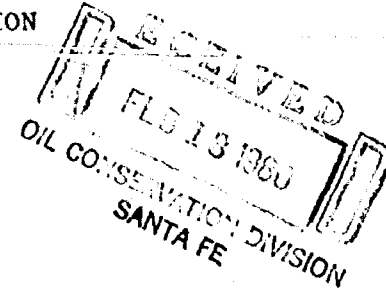
  
L. P. Thompson  
Division Manager of Production  
Hobbs Division







BEFORE THE OIL CONSERVATION DIVISION  
ENERGY AND MINERALS DEPARTMENT  
OF THE STATE OF NEW MEXICO



IN THE MATTER OF THE APPLICATION OF  
CONOCO INC. FOR APPROVAL TO DRILL  
AND DUALY COMPLETE IN THE BLINEBRY  
OIL & GAS AND DRINKARD POOLS AT A  
NON-STANDARD LOCATION 2615' FSL &  
2615' FEL OF SECTION 19, T-20S,  
R-38E, LEA COUNTY, NEW MEXICO ITS  
SEMU BURGER WELL NO. 107

Case 6834

A P P L I C A T I O N

Applicant, CONOCO INC., respectfully requests authority to drill  
and dually complete in the Blinebry Oil & Gas and Drinkard pools at a  
non-standard location its SEMU Burger Well No. 107 located in Unit J,  
2615' FSL and 2615' FEL of Section 19, T-20S, R-38E, Lea County, New  
Mexico and in support thereof will show:

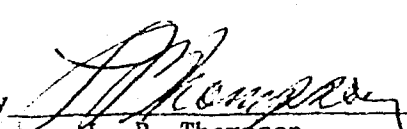
1. Applicant is operator and co-owner of the Southeast Monument  
Unit, which in addition to other lands includes all of Section 24, T-20S,  
R-37E, Lea County, New Mexico.
2. Applicant wishes to drill and dually complete in the Blinebry  
Oil & Gas and Drinkard pools its SEMU Burger Well No. 107 at a non-standard  
location 2615' FSL and 2615' FEL of Section 24, T-20S, R-38E, Lea County.
3. That drilling at the non-standard location will enhance chances  
of achieving a commercial well in both zones and help to evaluate infill  
drilling potential for our Skaggs Waterflood.
4. That the drilling of this well will prevent waste and will not  
impair the correlative rights of any party.

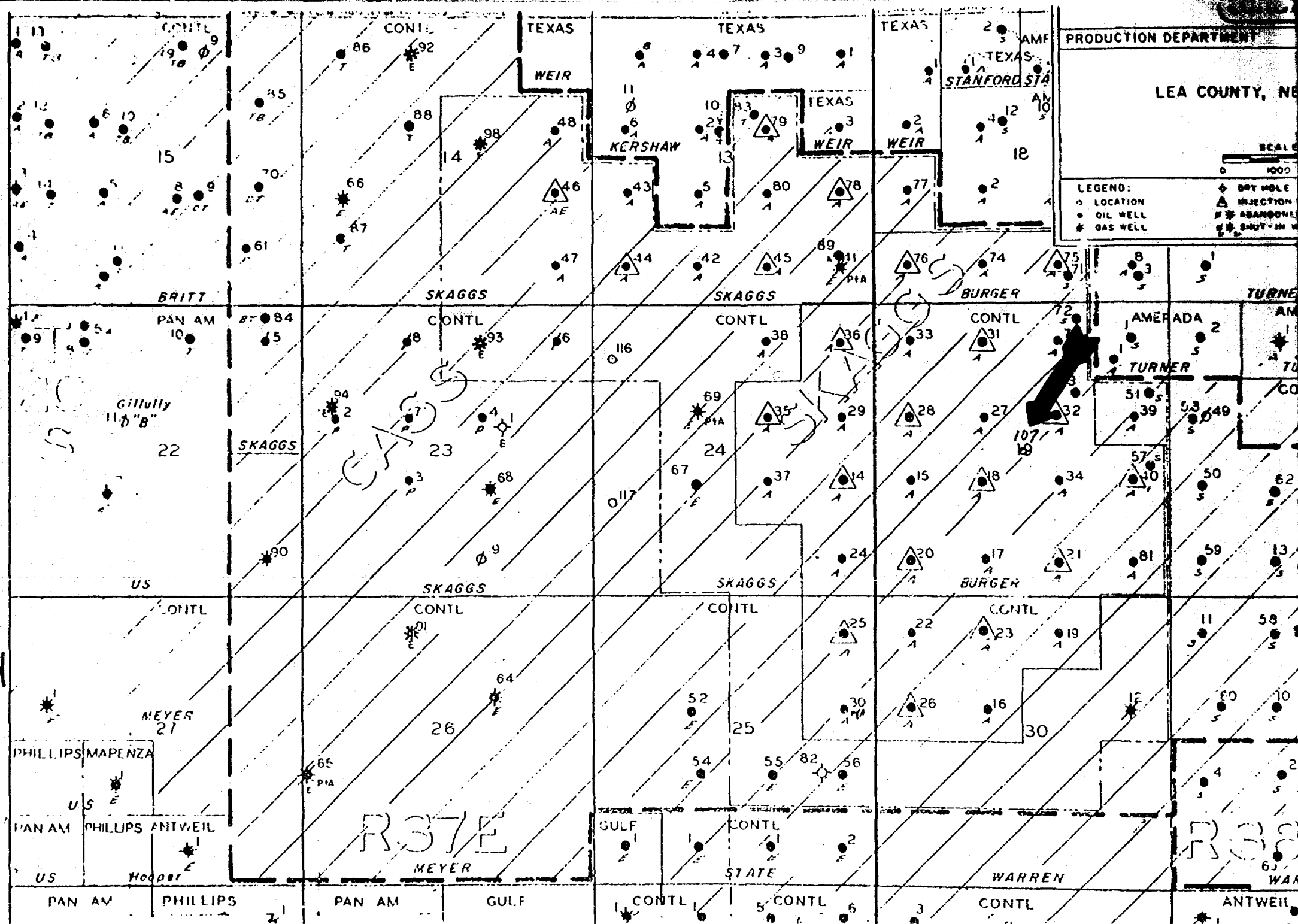
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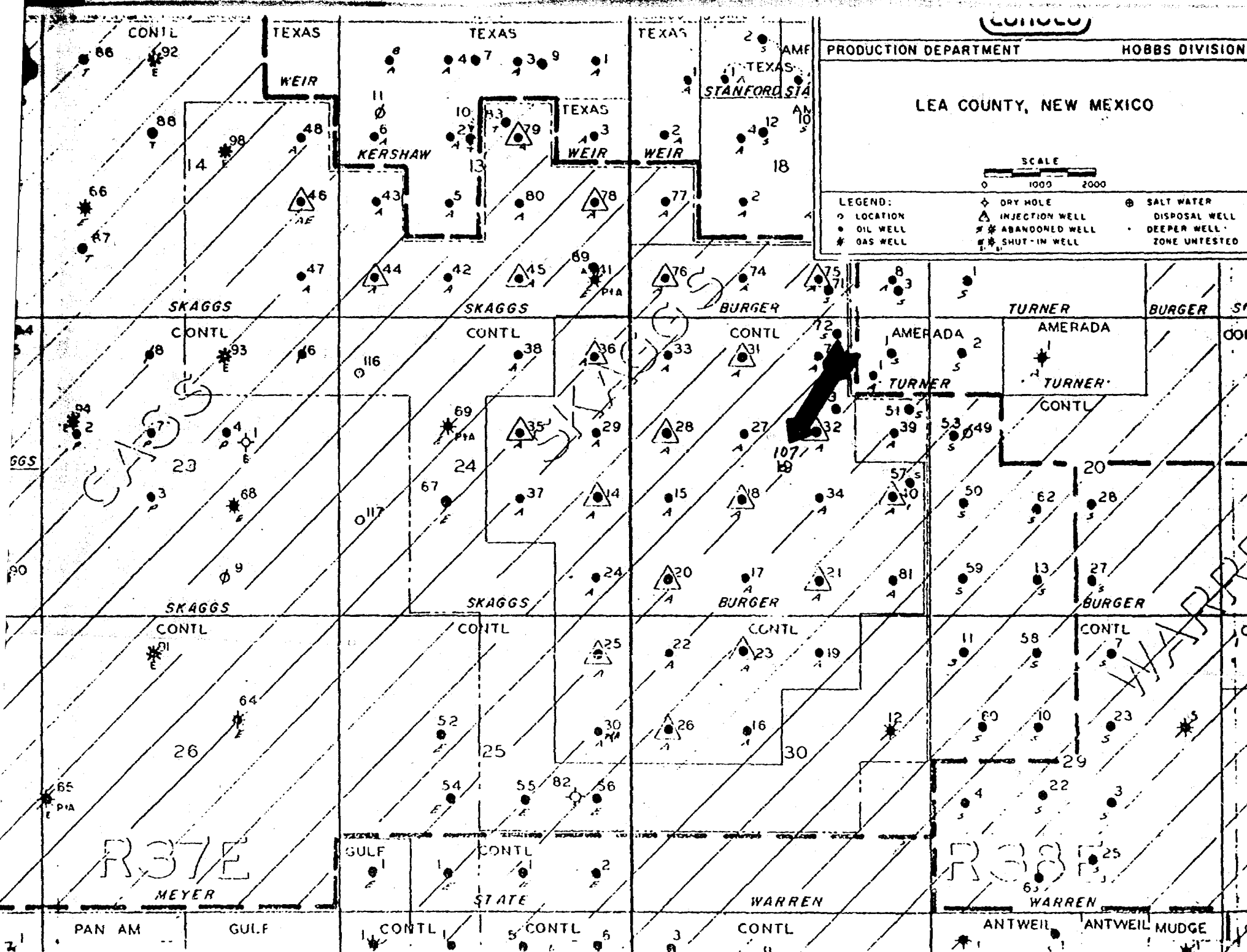
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CONOCO INC.

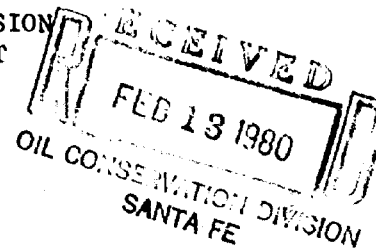
By

  
L. P. Thompson  
Division Manager of Production  
Hobbs Division





BEFORE THE OIL CONSERVATION DIVISION  
ENERGY AND MINERALS DEPARTMENT  
OF THE STATE OF NEW MEXICO



IN THE MATTER OF THE APPLICATION OF  
CONOCO INC. FOR APPROVAL TO DRILL  
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*Case 6834*

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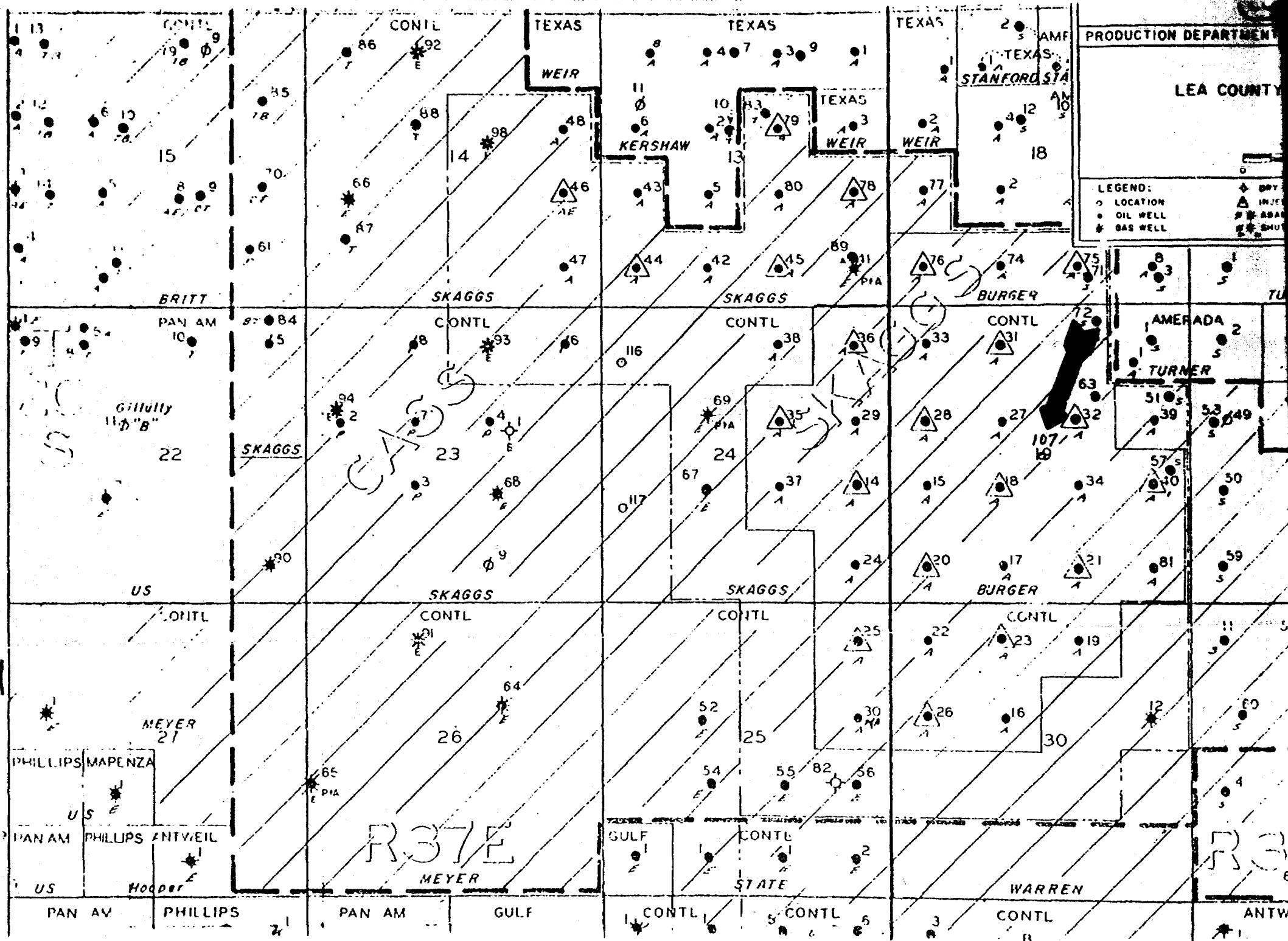
Respectfully submitted,

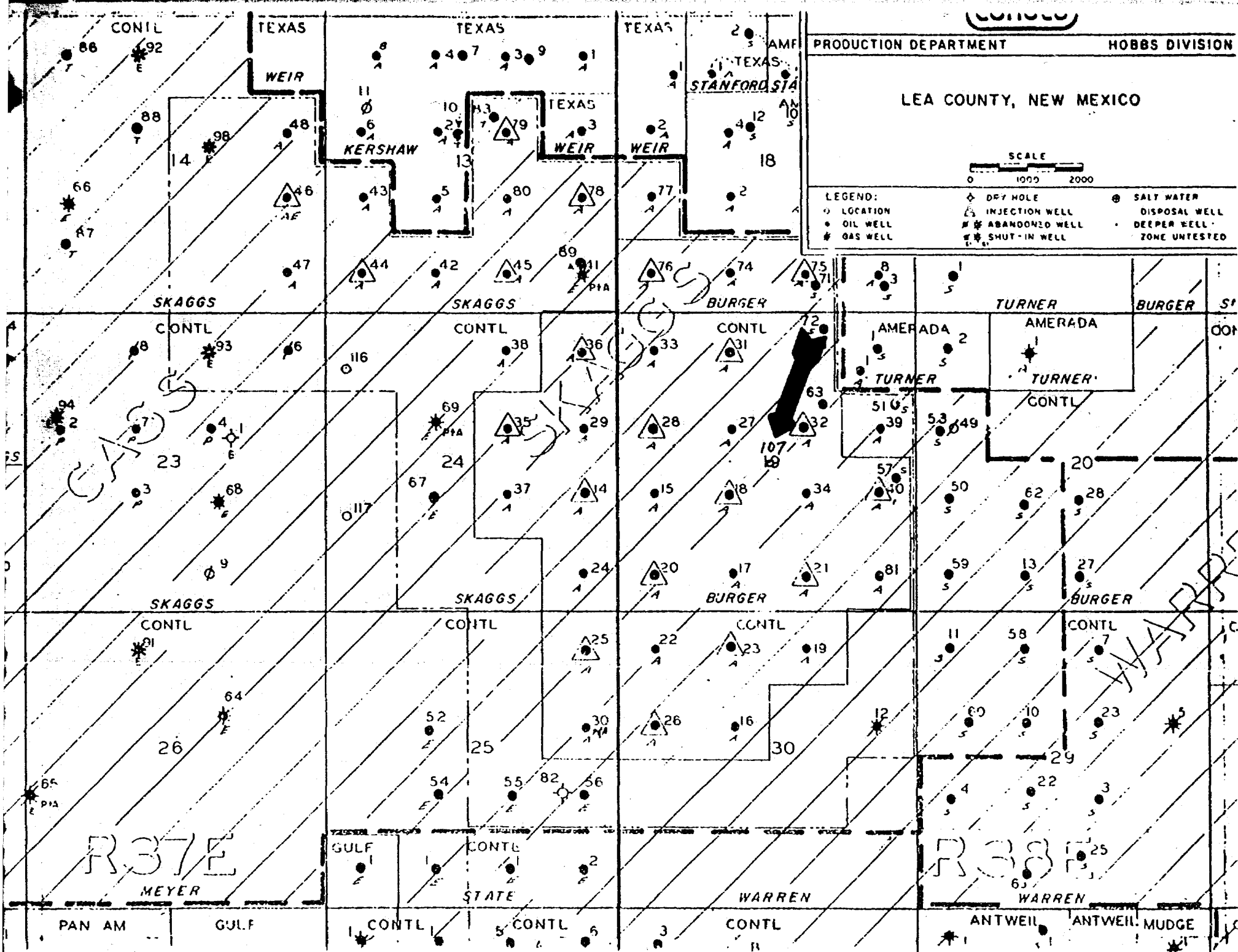
CONOCO INC.

By

*L. P. Thompson*  
L. P. Thompson

Division Manager of Production  
Hobbs Division







ROUGH

dr/

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT  
OIL CONSERVATION DIVISION

IN THE MATTER OF THE HEARING  
CALLED BY THE OIL CONSERVATION  
DIVISION FOR THE PURPOSE OF  
CONSIDERING:

CASE NO. 6834

Order No. R- 6307

APPLICATION OF CONOCO INC.  
FOR A DUAL COMPLETION AND UNORTHODOX WELL LOCATION, LEA  
COUNTY, NEW MEXICO.

ORDER OF THE DIVISION

BY THE DIVISION:

This cause came on for hearing at 9 o'clock a.m. on  
March 26, 1980, at Santa Fe, New Mexico, before  
Examiner Richard L. Stamets.

NOW, on this day of 1980, the  
Division Director, 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 Division has jurisdiction of this cause and the subject  
matter thereof.

(2) That the applicant, Conoco Inc.,  
seeks authority to complete its SEMU Burger Well No. 107  
at an unorthodox location 2615 feet from the  
Well No. 107, located in ~~Unit~~ of ~~Section~~ ~~Town~~  
South line and 2615 feet from the East line of Section 19, T-20-S,  
~~Range~~ Range 38 East, NMPM, Lea  
County, New Mexico, as a dual completion (conventional) to  
--(combination)--  
--(tubingless)--  
oil  
produce ~~gas~~ from the Blinbry Oil and Gas and Drinkard Pools.

(3) That the proposed unorthodox location is to  
permit the applicant to gather technical  
data and attempt to increase the recovery  
of hydrocarbons from each of said pools.

(4) That the location is an interior location on  
applicant's SEMU Burger lease and there are  
no other operators.

(5) That the mechanics of the proposed dual completion are feasible and in accord with good conservation practices.

(6) That approval of the subject application will <sup>serve to</sup> prevent waste and protect correlative rights.

IT IS THEREFORE ORDERED:

(1) That the applicant, Conoco Inc.,  
is hereby authorized to complete its SEMU Burger  
at an unorthodox location 2615 feet from the South line and  
Well No. 107, located ~~/XXXXXXXXXXXXXXXXXXXX~~,  
2615 feet from the East line of Section 19,  
Township 20 South, Range 38 East, NMPM, Lea  
County, New Mexico, as a dual completion (conventional)  
(combination)  
(tubingless) -

oil  
to produce ~~gas~~ from the Blinebry Oil and Gas and Drinkard Pools

through parallel strings of tubing with operation  
of the zone to be achieved by means of a  
packer.

PROVIDED HOWEVER, that the applicant shall complete, operate,  
and produce said well in accordance with the provisions of Rule  
112-A of the Division Rules and Regulations insofar as said rule  
is not inconsistent with this order;

PROVIDED FURTHER, that the applicant shall take  
packer leakage tests upon completion and  
annually thereafter during the Annual Gas-Oil Ratio  
Test Period for the Drinkard Pool.

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

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