

# CARPER

## DRILLING COMPANY, INC.

O I L P R O D U C T I O N A N D D R I L L I N G

STANLEY CARPER, PRESIDENT  
MARSHALL ROWLEY, EXEC. VICE-PRES. & TREAS.  
GLENN A. CASKEY, SECRETARY

1963 NOV 4 AM 10:25  
ARTESIA, NEW MEXICO  
CARPER BUILDING  
SHERWOOD 6-2783

November 1, 1963

State of New Mexico  
Oil Conservation Commission  
P. O. Box 871  
Santa Fe, New Mexico

Attention: Ida Rodriguez

Dear Madam:

Enclosed are copies of transcripts of Cases 1621  
and 2851. Please accept our thanks for the use of them.

Very truly yours,

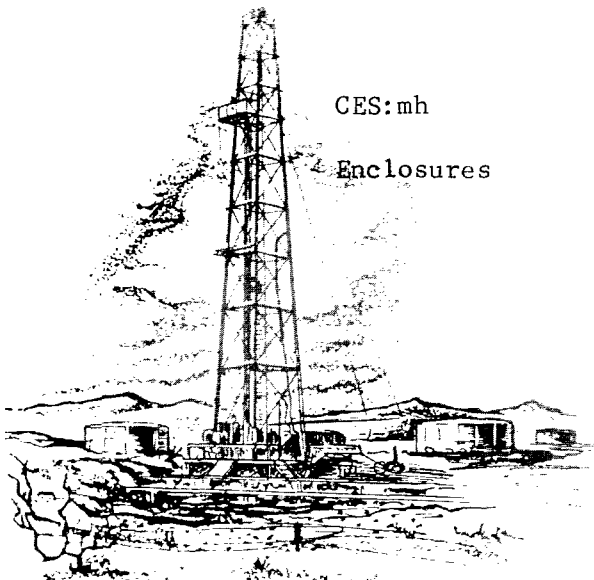
CARPER DRILLING COMPANY, INC.

*Clark E. Storm*

Clark E. Storm  
Production Superintendent

CES:mh

Enclosures



OIL CONSERVATION COMMISSION

P. O. BOX 871

SANTA FE, NEW MEXICO

April 20, 1959

Mr. Howard Bratton  
Hervey, Dow & Hinkle  
P.O. Box 547  
Roswell, New Mexico

Dear Mr. Bratton:

On behalf of your client, Humble Oil & Refining Company, we enclose two copies of Order R-1371 issued April 17, 1959, by the Oil Conservation Commission in Case 1621, which was heard on March 25th at Santa Fe before an examiner.

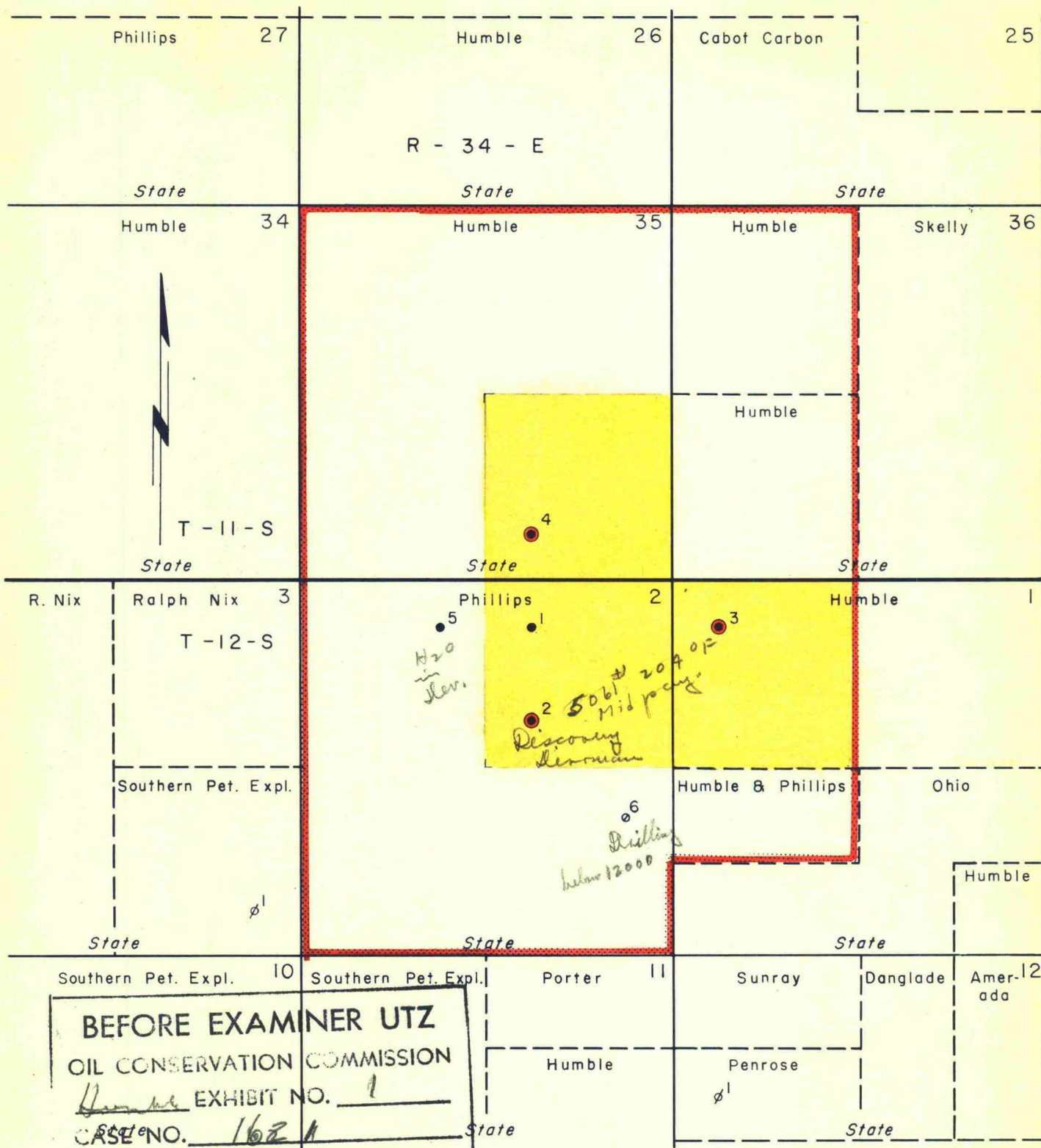
Very truly yours,

A. L. Porter, Jr.  
Secretary - Director

bp  
Encls.

*Order sent to  
L. E. Fitzgerald,  
Phillips, Bartlesville.  
4-20-59  
BP*

C  
O  
P  
Y



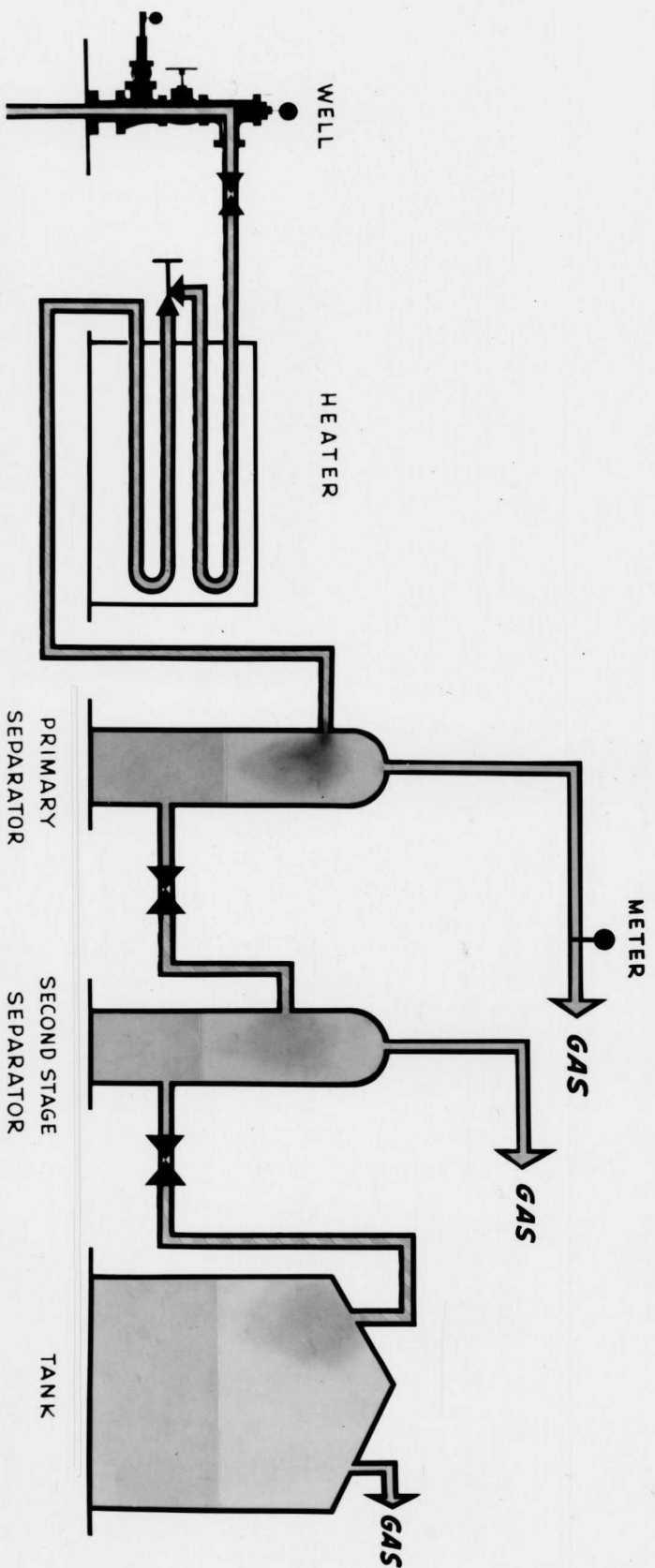
— LEGEND —

- South Four Lakes Unit Outline
- Pennsylvanian Completion
- Devonian Completion
- Horizontal Limits - Four Lakes Devonian Pool

BASE MAP  
OF THE  
SOUTH FOUR LAKES UNIT AREA  
LEA COUNTY, NEW MEXICO

HUMBLE EXHIBIT NO. 1

# SCHEMATIC REPRESENTATION OF PRODUCTION EQUIPMENT



BEFORE EXAMINER UTZ

OIL CONSERVATION COMMISSION

EXHIBIT NO. 2

CASE NO. 1621

PRESSURE: PSIG

6000

5000

4000

3000

2000

1000

0

RESERVOIR TEMPERATURE: 204°F

RESERVOIR PRESSURE: 5061 PSIG

100 PERCENT GAS

100 PERCENT GAS

DEW POINT

DEW POINT

DEW POINT

40 PERCENT LIQUID

DEW POINT

PERCENT LIQUID

0  
10  
20  
30

40 PERCENT LIQUID

BEFORE EXAMINER UTZ  
CONSERVATION COMMISSION

1621 EXHIBIT NO. 3

USE NO. *Handwritten*

TEMPERATURE: OF

204°

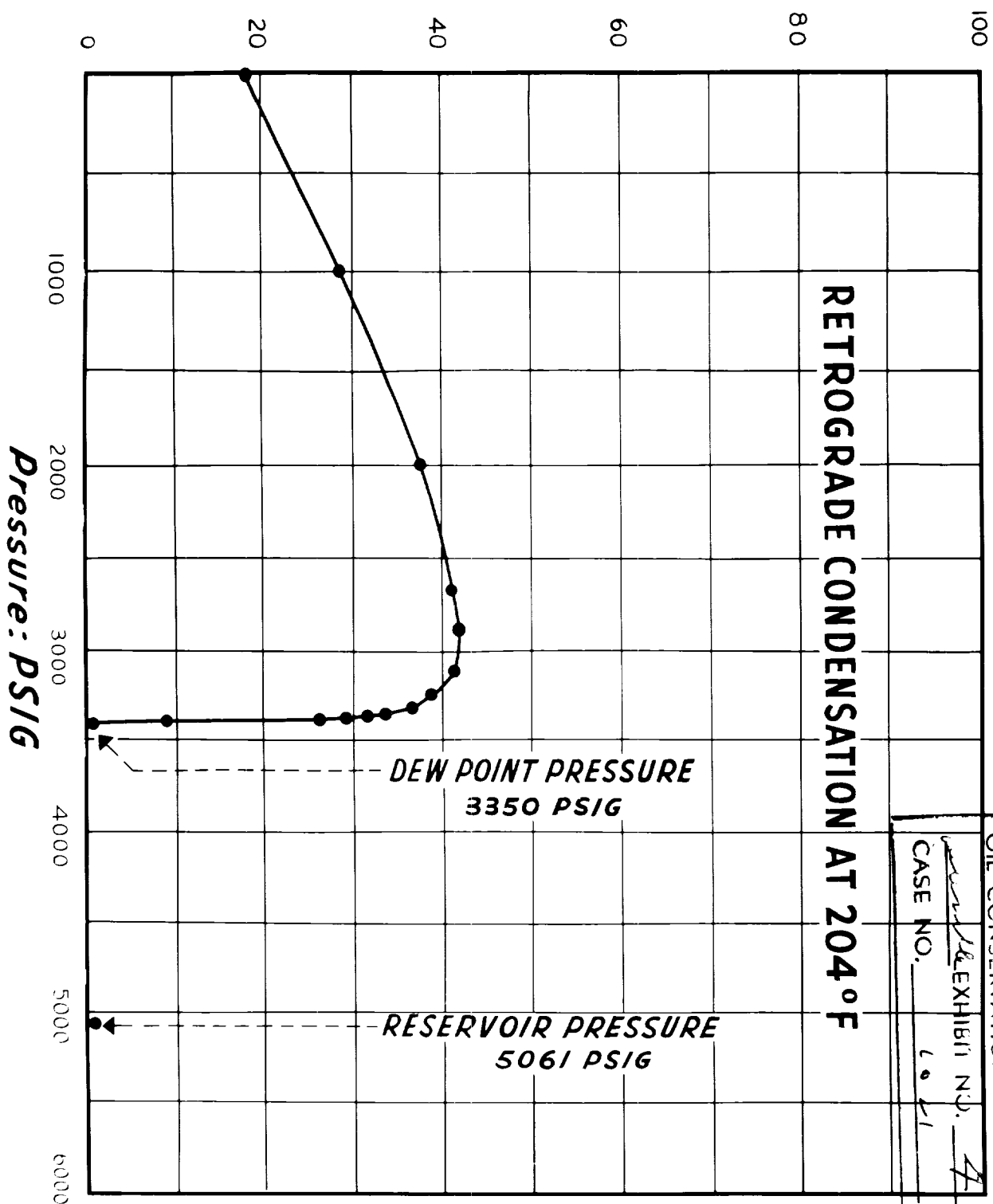
20 PERCENT LIQUID

30 PERCENT LIQUID

160 170 180 190 200 210 220 230 240

# RETROGRADE LIQUID VOLUME

*% of Hydrocarbon Pore Space*



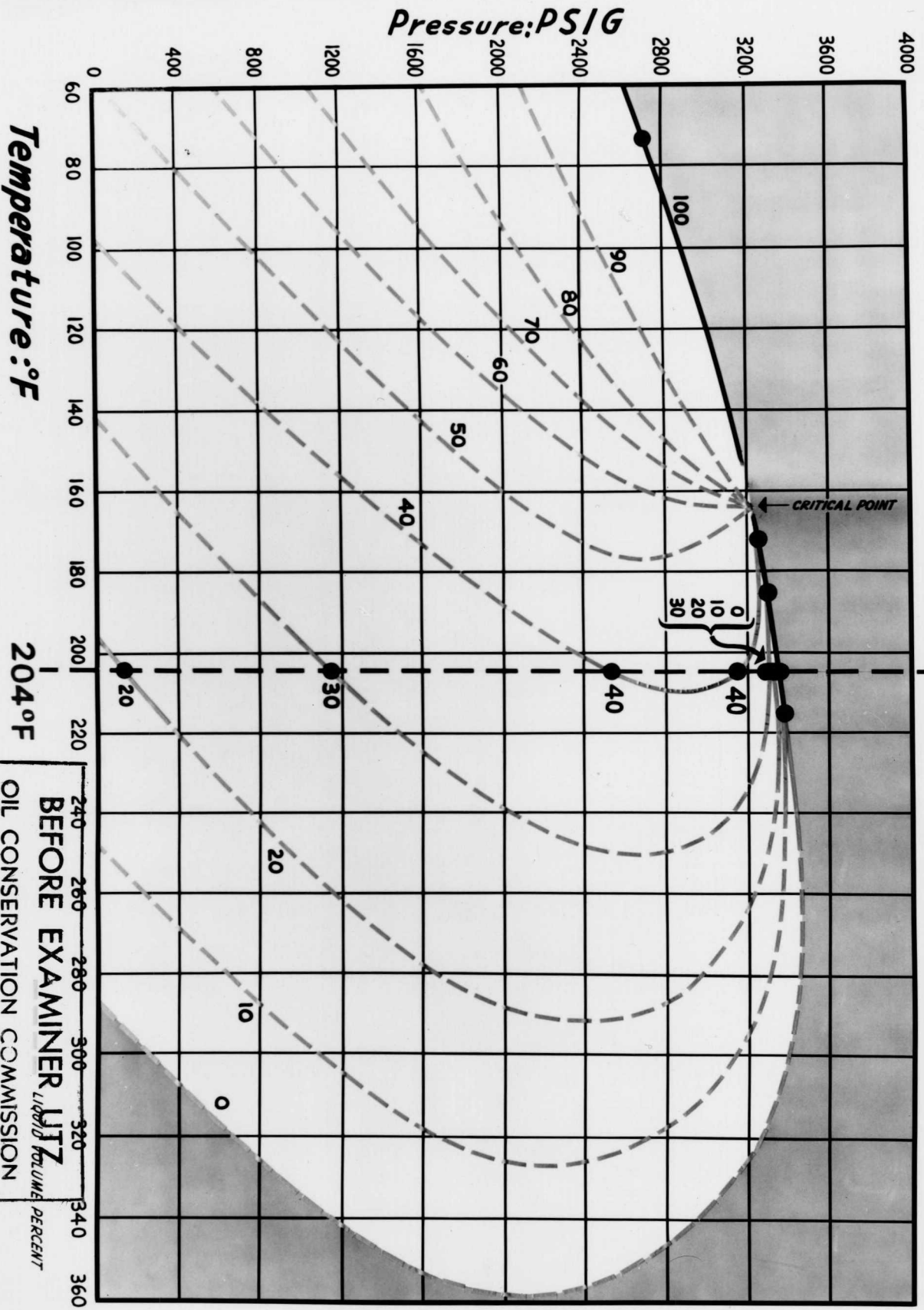
BEFORE EXAMINER UTZ

OIL CONSERVATION COMMISSION

EXHIBIT NO. 4

CASE NO. 6061

RESERVOIR TEMPERATURE 204°F



BEFORE EXAMINER **UTZ**

OIL CONSERVATION COMMISSION

EXHIBIT NO. **5**

CASE NO. **1621**

## CLASS OF SERVICE

This is a fast message unless its deferred character is indicated by the proper symbol.

# WESTERN UNION

## TELEGRAM

W. P. MARSHALL, PRESIDENT

## SYMBOLS

DL = Day Letter

NL = Night Letter

LT = International Letter Telegram

1201

The filing time shown in the date line on domestic telegrams is STANDARD TIME at point of origin. Time of receipt is STANDARD TIME at point of destination

LA154 KC703

1959 MAR 23 PM 2 31

K BRA171 NL PD=BARTLESVILLE OKLA 23=

:A L PORTER JR NEW MEXICO OIL AND GAS COMMISSION=

MABRY HALL SANTA FE NMEX=

:RE CASE 1621 HUBLE OIL AND REFINING COMPANIES APPLICATION  
TO BE HARD MARCH 25TH 1959. PHILLIPS PETROLEUM COMPANY  
AS AN INTEREST OWNER IN THE SOUTH FOUR LAKES DEVONIAN  
FIELDS IS FAMILIAR WITH THE FLUID ANALYSES AND OTHER  
RESERVOIR DATA AVAILABLE IN THE SUBJECT POOL AND CONCURS  
WITH HUMBLE THAT THE FIELD IS AND SHOULD BE CLASSIFIED  
AS A GAS POOL=

PHILLIPS PETROLEUM CO L E FITZGERRALD==

THE 1621 25 1959= • • STIONS FROM ITS PATRONS CONCERNING ITS SERVICE

CLASS OF SERVICE

This is a fast message unless its deferred character is indicated by the proper symbol.

# WESTERN UNION

## TELEGRAM

W. P. MARSHALL, PRESIDENT

SYMBOLS

DL=Day Letter

NL=Night Letter

LT=International Letter Telegram

1220  
(R II-54)

The filing time shown in the date line on domestic telegrams is STANDARD TIME at point of origin. Time of receipt is STANDARD TIME at point of destination

LA152 KB245

K BRA170 LONG NL PD=BARTLESVILLE OKLA 23

=R A BAZE=

CARE LAFONDA HOTEL SANTA FE NMEX= 1959 MAR 23 PM 2 30

PHILLIPS SENT THE FOLLOWING WIRE TO THE NEW MEXICO OIL & GAS COMMISSION THIS DATE:

"CASE 1621 HUBLE OIL & REFINING COMPANY'S APPLICATION TO BE HEARD MARCH 25TH 1959. PHILLIPS PETROLEUM COMPANY AS AN INTEREST OWNER IN THE SOUTH FOUR LAKES DEVONIAN FIELD IS FAMILIAR WITH THE FLUID ANALYSES AND OTHER RESERVOIR DATA AVAILABLE IN THE SUBJECT POOL AND CONCURS WITH HUMBLE THAT THE FIELD IS AND SHOULD BE CLASSIFIED AS A GAS POOL."= PHILLIPS PETROLEUM COMPANY L E FITZGERRALD==

:1621 25 1959 =...

THE COMPANY WILL APPRECIATE SUGGESTIONS FROM ITS PATRONS CONCERNING ITS SERVICE