

RECEIVED  
OCT 8 - 1975  
OIL CONSERVATION COMM.  
Santa Fe



PETROLEUM PRODUCTS

October 3, 1975

DHC - 179  
Due - 10/28/75

TEXACO INC.  
DRAWER 728  
HOBBS, NEW MEXICO 88240

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

Re: WELLBORE COMMINGLING  
C. H. Weir "A" Well No. 7  
✓ Skaggs Glorieta and Skaggs  
Drinkard Pools  
Lea County, New Mexico

Attention: Mr. Joe D. Ramey

Gentlemen:

TEXACO Inc. requests administrative approval to commingle in the wellbore oil production from the Skaggs Glorieta and Skaggs Drinkard Pools in Well No. 7 on the C. H. Weir "A" Lease, located in Section 12, Township 20 South, Range 37 East, Lea County, New Mexico. The subject well is a triple completion as permitted by Order No. R-2094 dated October 13, 1961.

The subject well, for which wellbore commingling approval is requested, qualifies under the provisions of Statewide Rule 303C, which provides for administrative application and approval of wellbore commingling. Both zones are classified as oil zones. Both the Glorieta and Drinkard zones were being pumped prior to being shut in; therefore, production after commingling will be by artificial lift. The Eumont gas zone will be squeezed. The Drinkard and Glorieta zones produce water below the specified limits. The fluids from these two reservoirs have been commingled on surface for several years and are known to be compatible. Ownership of the minerals in both zones is common, and the value of the commingled fluids is not less than the total value of the fluids if they were marketed separately. Secondary operations will not be jeopardized by approval of this application.

A data sheet is attached listing all required data for the two reservoirs that are productive in the well. Also attached is a production decline curve for each zone and a sketch of the present and proposed completion.

Copies of this application are being mailed to each of the offset operators shown on the attached list.

Yours very truly,

*J. V. Gannon*  
J. V. GANNON

District Superintendent

JBS/kw  
Attachments  
NMOCC-Hobbs

bottom pf 6840  
max = 40 BOPD

$$\begin{aligned} 22 - 1 \text{ BOPD} &= 2570 \\ D_n - \frac{3}{4} &= 7570 \end{aligned}$$

DATA SHEET FOR WELLBORE COMMINGLING

Operator: TEXACO Inc.

Address: P. O. Box 728, Hobbs, New Mexico 88240

Lease and Well No: C. H. Weir "A" No. 7

Location: Unit L; 1985 Feet from the South Line and  
660 Feet from West Line of Section 12;  
Township 20-S, Range 37-E; Lea County.

WELL DATA

	<u>Upper Pool</u>	<u>Lower Pool</u>
Name of Pool	<u>Skaggs</u> <u>Glorieta</u>	<u>Skaggs</u> <u>Drinkard</u>
Producing Method	<u>Pump</u>	<u>Pump</u>
BHP	<u>500 Est.</u>	<u>900 Est.</u>
Type Crude	<u>Sour</u>	<u>Sour</u>
Gravity	<u>36.6</u>	<u>37.8</u>
GOR Limit	<u>2000</u>	<u>2000</u>
Completion Interval	<u>5280'-5296'</u>	<u>6787'-6840'</u>
Current Test Date	<u>March, 1974</u>	<u>July, 1969</u>
Oil	<u>1</u>	<u>3</u>
Water	<u>1</u>	<u>1</u>
GOR	<u>3025</u>	<u>42,700</u>
Selling Price of Crude-\$/BBL.	<u>7.76</u>	<u>7.76</u>
Daily Income - \$/Day	<u>None (Shut in)</u>	<u>None (Shut in)</u>

COMMINGLED DATA:

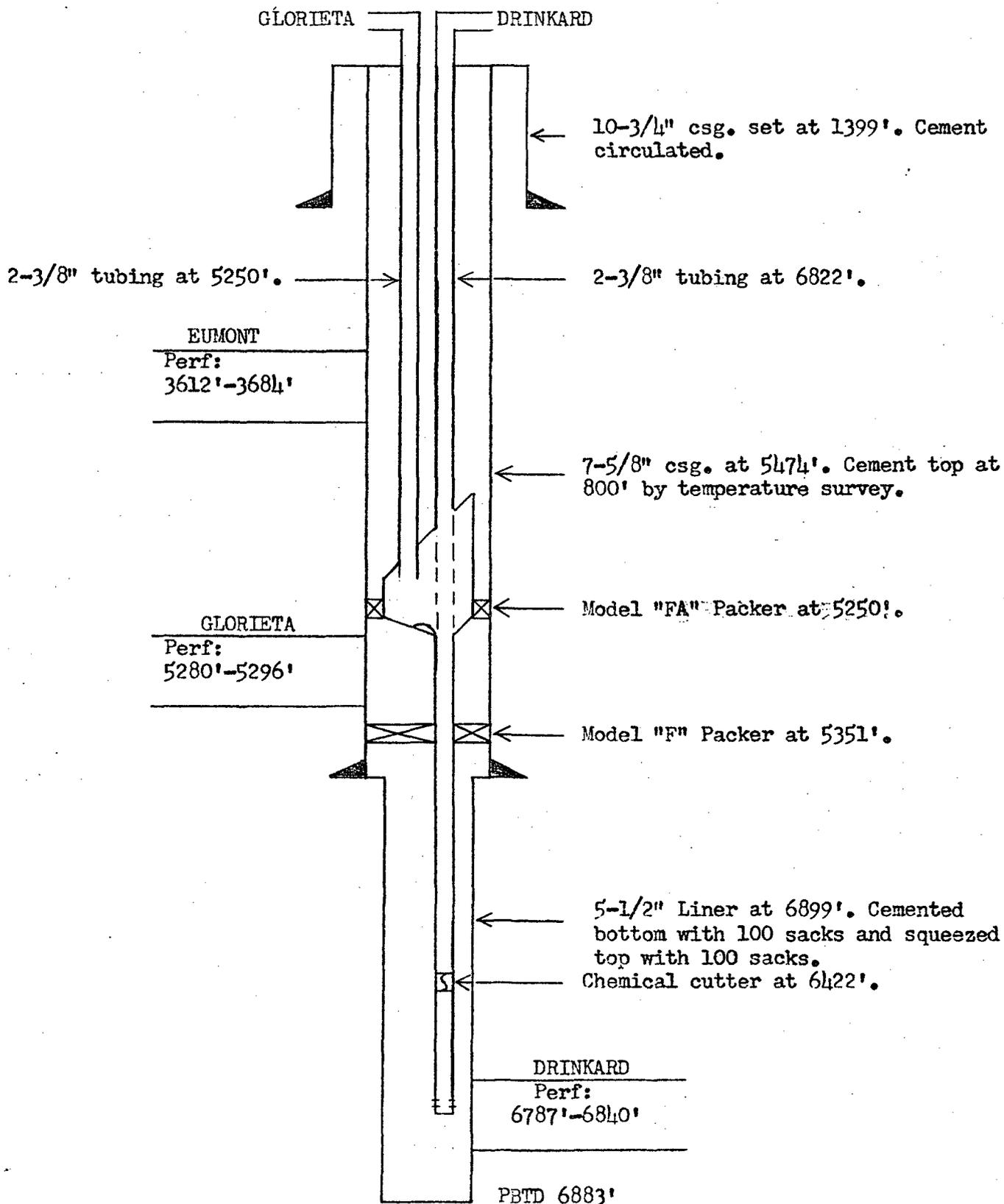
The crude is presently commingled at the battery and there  
Gravity of Commingled Crude will be no change in the sale price.

Selling Price of Commingled Crude - \$/BBL. \$7.76

Daily Income - \$/Day 232.80

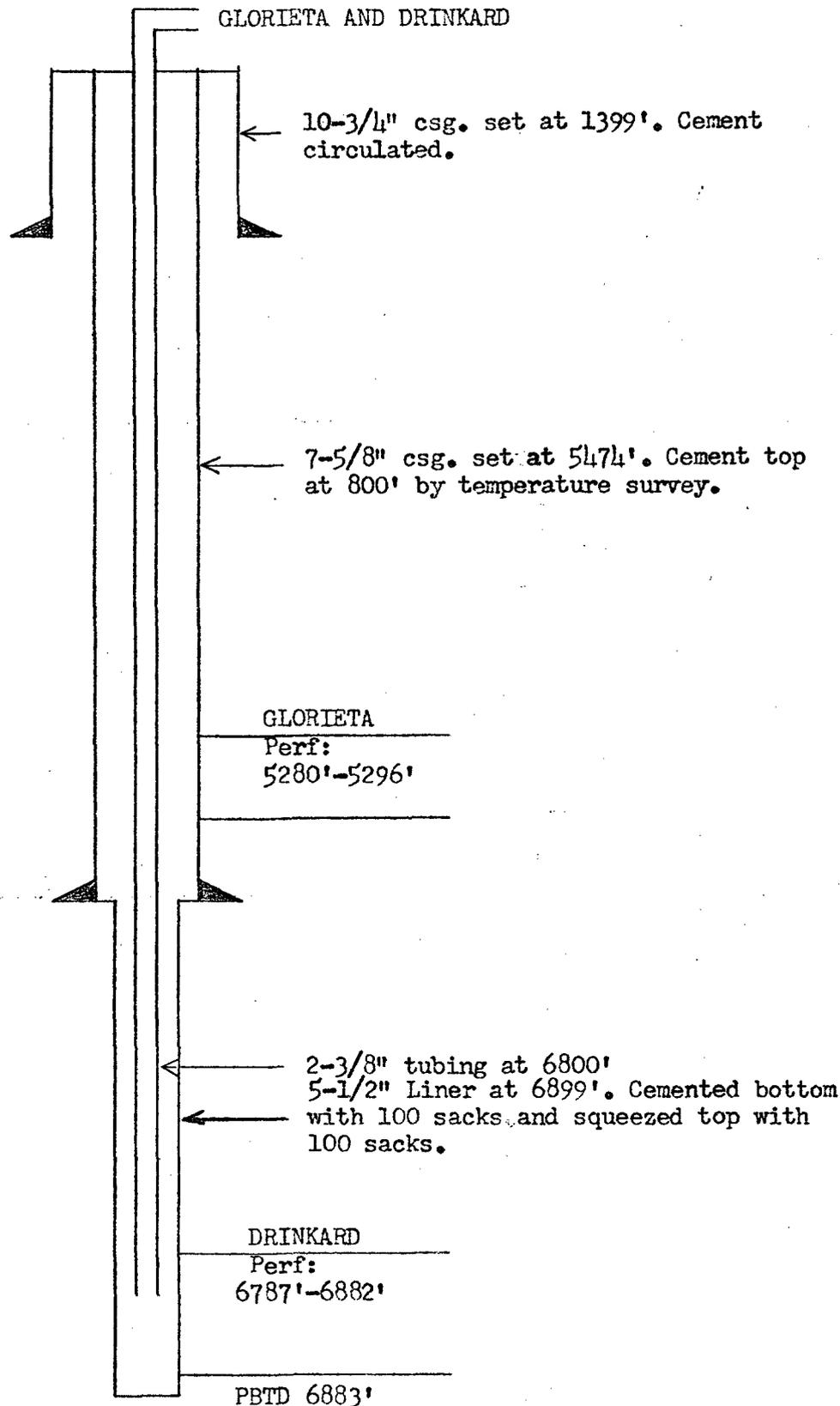
Net (Gain) (~~Loss~~) From Wellbore Commingling - \$/Day \$232.80 (Production increase of  
based on current producing rates.

30 BOPD)



Present Completion  
TEXACO INC.

C.H. WEIR "A" WELL NO. 7  
EUMONT (GAS), SKAGGS (GLORIETA), SKAGGS (DRINKARD)



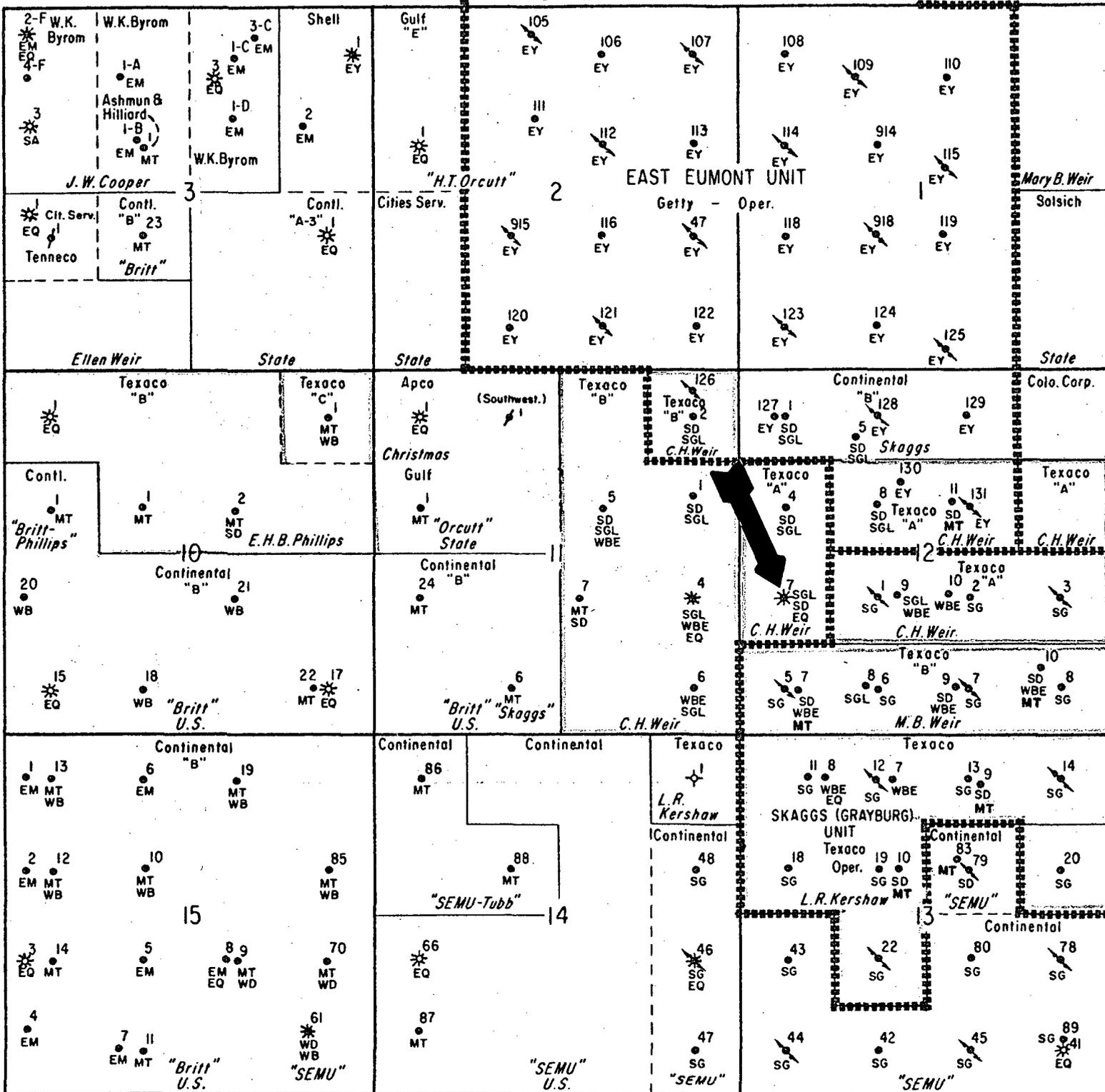
Proposed Completion  
 TEXACO INC.  
 C.H. WEIR "A" WELL NO. 7  
 SKAGGS (GLORIETA) AND SKAGGS (DRINKARD)

OFFSET OPERATORS

Continental Oil Company  
P. O. Box 460  
Hobbs, New Mexico 88240

Colorado Oil Company  
P. O. Box 1567  
Big Spring, Texas 79720

R-37-E



**LEGEND :**

- EM - EUNICE MONUMENT GRAYBURG SAN ANDRES
- EQ - EUMONT QUEEN GAS
- EY - EUMONT YATES SEVEN RIVERS
- MT - MONUMENT TUBB
- SA - SAN ANDRES MIDDLE GAS
- SD - SKAGGS DRINKARD
- SG - SKAGGS GRAYBURG
- SGL - SKAGGS GLORIETA
- WB - WEIR BLINEBRY
- WBE - WEIR BLINEBRY EAST
- WD - WEIR DRINKARD

**TEXACO Inc.**  
**OIL & GAS COMPLETIONS**  
**IN PART OF**  
**T-20S R-37-E**  
**LEA COUNTY, NEW MEXICO**  
**CPC/FMR 5-25-72**  
**Rev. 6-19-75**

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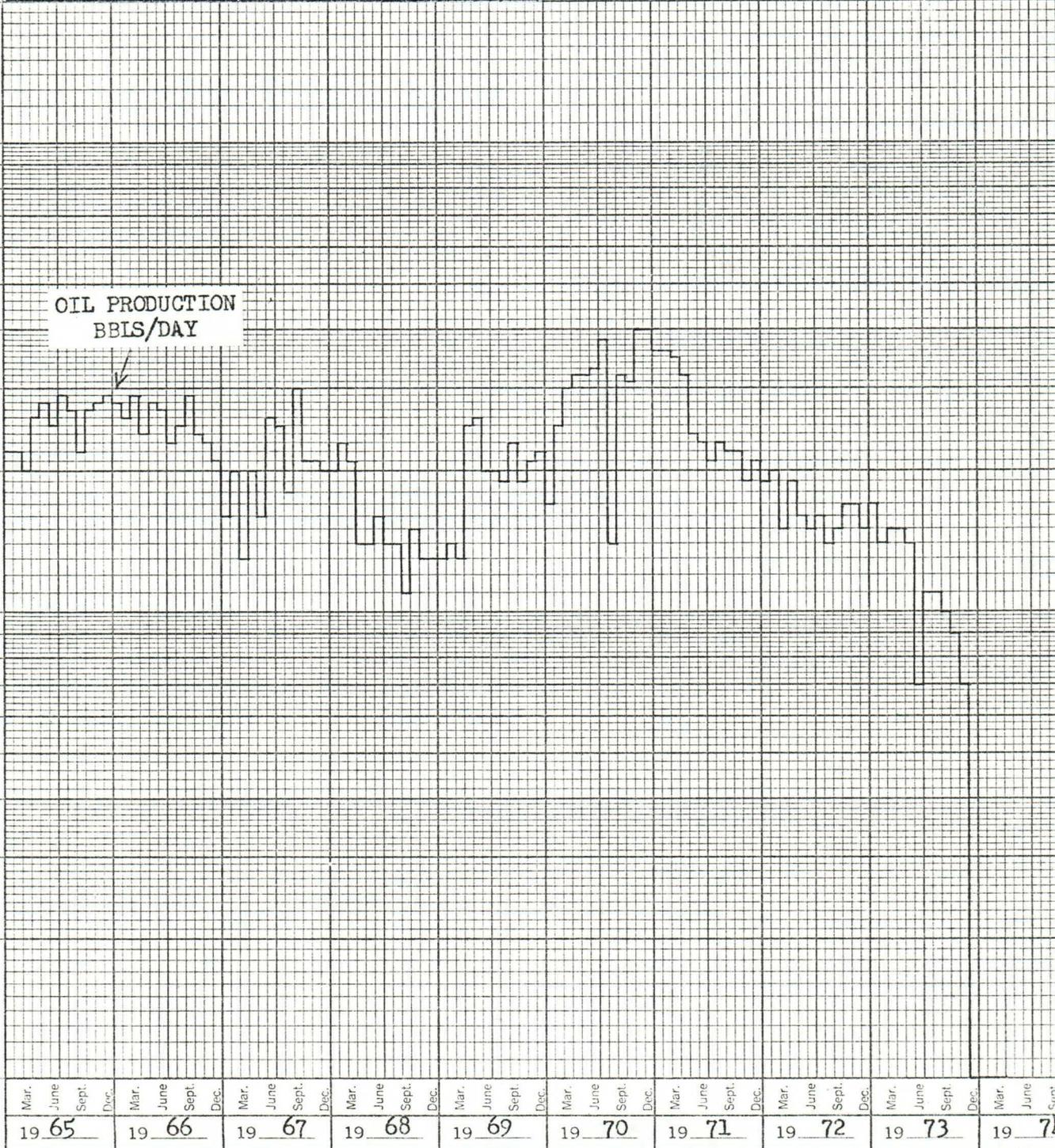
# TEXACO INC. MIDLAND DIVISION

Performance Curve

C.H. WEIR "A" NO. 7  
SKAGGS GLORIETA POOL  
LEA COUNTY, NEW MEXICO

DRAWN BY: JBS DATE: 7-28-75

OIL PRODUCTION  
BBLs/DAY



47 6840

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# TEXACO INC. MIDLAND DIVISION

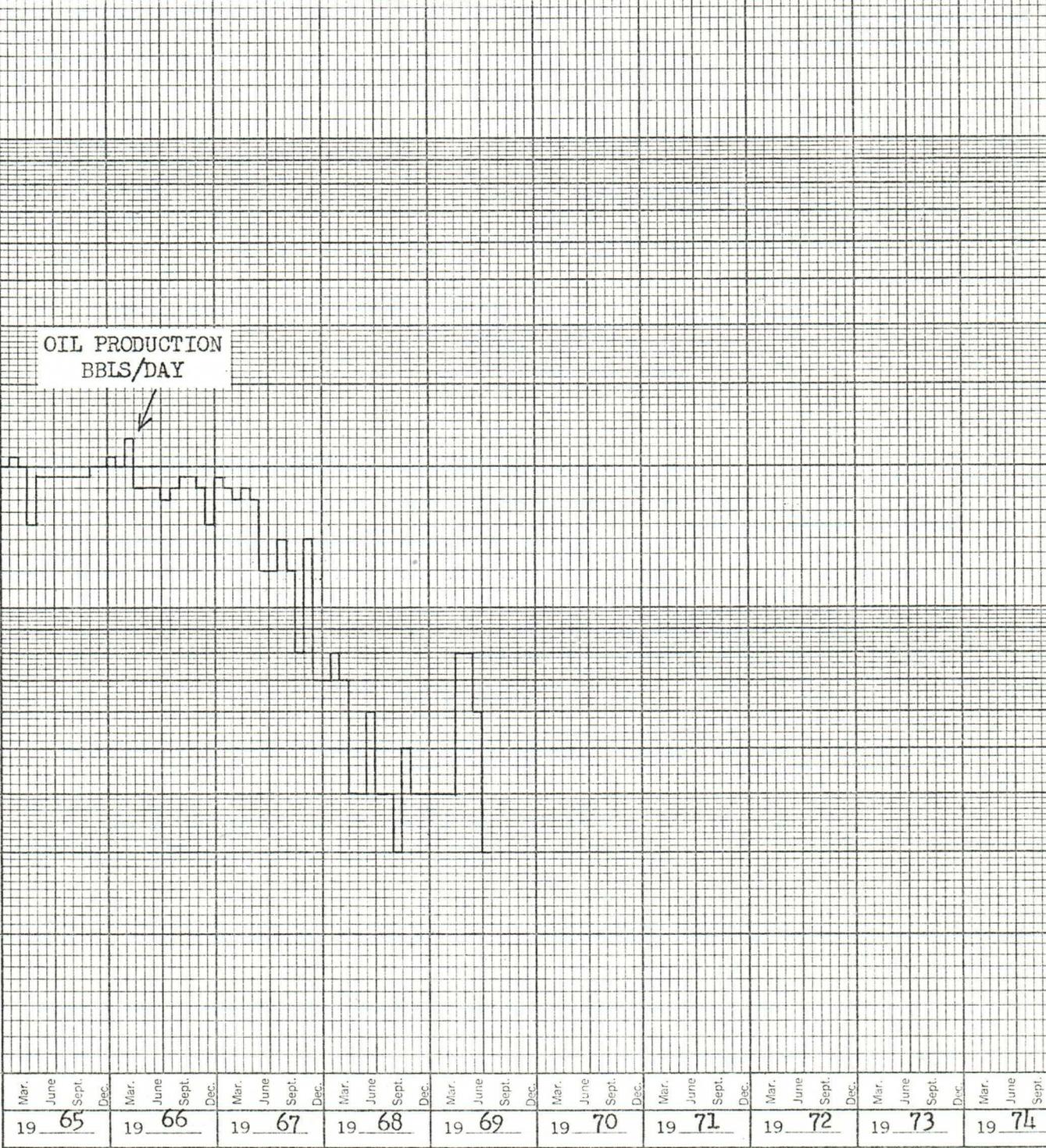
Performance Curve

C.H. WEIR "A" NO. 7  
SKAGGS DRINKARD POOL  
LEA COUNTY, NEW MEXICO

DRAWN BY: JBS DATE: 7-28-75

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OIL PRODUCTION  
BBLs/DAY



47 6840

KE 20 YEARS BY MONTHS X 3 LOG CYCLES  
KEUFFEL & ESSER CO. MADE IN U.S.A.

RECEIVED  
OCT 15 1975  
OIL CONSERVATION COMM.  
Santa Fe

OIL CONSERVATION COMMISSION  
Hobbs DISTRICT

OIL CONSERVATION COMMISSION  
BOX 2088  
SANTA FE, NEW MEXICO

DATE Oct. 7, 1975

RE: Proposed MC \_\_\_\_\_  
Proposed DHC X \_\_\_\_\_  
Proposed NSL \_\_\_\_\_  
Proposed SWD \_\_\_\_\_  
Proposed WFX \_\_\_\_\_  
Proposed PMX \_\_\_\_\_

Gentlemen:

I have examined the application dated \_\_\_\_\_

for the Texaco Inc. C. H. Weir "A" #7-L 12-20-37  
Operator Lease and Well No. Unit, S-T-R

and my recommendations are as follows:

\_\_\_\_\_  
O.K. --- J.W.R.  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Yours very truly,

*John W. Rungas*