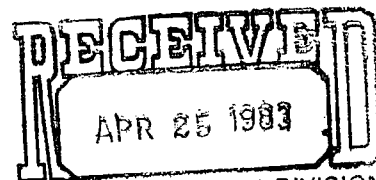




PETROLEUM PRODUCTS



OIL CONSERVATION DIVISION

SANTA FE

TEXACO
U.S.A.

A DIVISION OF TEXACO INC.

P. O. BOX 728

HOBBS, NEW MEXICO 88240

(505) 393-7191

April 18, 1983

DOWNHOLE COMMINGLING

M. B. WEIR "B" WELL NO. 7
UNIT M, SECTION 12, T-20-S, R-37-E
WEIR BLINEBRY, EAST; MONUMENT TUBB;
AND SKAGGS DRINKARD FIELDS
LEA COUNTY, NEW MEXICO

State of New Mexico
Department of Energy & Minerals
P. O. Box 2088
Santa Fe, New Mexico, 87501

Attention: Mr. Joe D. Ramey
Secretary-Director

Case 7882

Gentlemen:

Texaco Inc. requests that an examiner hearing be scheduled to consider Texaco's request for an exception to Rule 303-A to allow downhole commingling of Weir Blinebry, East; Monument Tubb; and Skaggs Drinkard production in the wellbore of the M. B. Weir "B" Well No. 7.

The downhole commingling is necessary to permit the production of a zone which would not otherwise be produced. A recent packer leakage test has indicated communication of the three zones which would require abandonment of the Weir Blinebry, East and Skaggs Drinkard.

These zones have been surface commingled and downhole commingled on this lease and on other leases in the area and no incompatibilities between the fluids have been found. Further, the commingled production will be artificially lifted to minimize the possibility of crossflow between zones.

Ownership of all three zones (including Working Interest, Royalty Interest and Overriding Royalty Interest) is common.

State of New Mexico

- 2 -

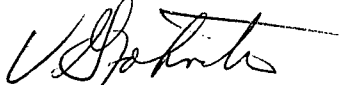
April 18, 1983

Attached are supporting documents and data for this request.

By copy of this letter, all Offset Operators have been notified of this request.

Yours very truly,

TEXACO INC.
PRODUCING DEPARTMENT-UNITED STATES



V. G. Johnston
Assistant District Manager

JAH:JEB

Attachments

Department of Energy & Minerals
Oil Conservation Division
P. O. Box 1980
Hobbs, New Mexico, 88240

White, Koch, Kelly & McCarthy
Attention: Mr. Ken Bateman
P. O. Box 787
Santa Fe, New Mexico, 87501

Conoco Inc.
P. O. Box 460
Hobbs, New Mexico, 88240

OIL CONSERVATION DIVISION
P. O. BOX 2068
SANTA FE, NEW MEXICO 87501

FORM C-116
Revised 10-1-78

Pool Weir Blinebry, East; Monumentt
Tubb; Skaggs Drinkard

Lea

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

TYPE OF
TEST - (X)

Scheduled ☐

Completion ☐

☒ 25

LEASE NAME	WELL NO.	LOCATION				DATE OF TEST	STATUS	CHOKE SIZE	TBG. PRESS.	DAILY ALLOW-ABLE	LENGTH OF TEST HOURS	PROD. DURING TEST			GAS - OIL RATIO CU.FT/8BL		
		U	S	T	R							WATER 8BLS.	GRAV. OIL	OIL 8BLS.		GAS M.C.F.	
M. B. WEIR "B" Weir Blinebry, East Monument Tubb Skaggs Drinkard	7	M	12	20S	37E	3/21/83	F	15/64	45	7	24	3	36 ⁴ / ₄	11	24	2,181	
						3/23/83	F	26/64	100	3	24	0	36 ⁴ / ₄	3	310		103,333
						3/20/83	F	10/64	75	4	24	0	36 ⁴ / ₄	3	39		

During gas-oil ratio test, each well shall be produced at a rate not exceeding the top unit allowable for the pool in which well is located by more than 25 percent. Operator is encouraged to take advantage of this 25 percent tolerance in order that well can be assigned increased allowable when authorized by the Division.

Gas volumes must be reported in MCF measured at a pressure base of 15.025 psia and a temperature of 60° F. Specific gravity base will be 0.60.

Report casing pressure in lieu of tubing pressure for any well producing through casing.

Mail original and one copy of this report to the district office of the New Mexico Oil Conservation Division in accordance with Rule 301 and appropriate pool rules.

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

(Signature)
Assistant District Manager

April 18, 1983

DATA SHEET FOR WELLBORE COMMINGLING

Operator: Texaco Inc.

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

Lease and Well No.: M. B. Weir "B" Well No. 7

Location: Unit M, 660' FSL & 825' FWL, Section 12, T-20-S, R-37-E
Lea County, New Mexico

WELL DATA

	<u>Upper Pool</u>	<u>Middle Pool</u>	<u>Lower Pool</u>
Name of Pool	<u>Weir Blinebry, East</u>	<u>Monument Tubb</u>	<u>Skaggs Drinkard</u>
Producing Method	<u>Flow</u>	<u>Flow</u>	<u>Flow</u>
BHP	<u>850 (Est.)</u>	<u>900 (Est.)</u>	<u>1500 (Est.)</u>
Type Crude	<u>Sour</u>	<u>Sour</u>	<u>Sour</u>
Gravity	<u>36.4*</u>	<u>36.4*</u>	<u>36.4*</u>
GOR Limit	<u>284 MCFD</u>	<u>888 MCFD</u>	<u>1420 MCFD</u>
Completion Interval	<u>5742-5954</u>	<u>6426-6484</u>	<u>6796-6852</u>
Current Test Date	<u>3-21-83</u>	<u>3-23-83</u>	<u>3-20-83</u>
Oil	<u>11</u>	<u>3</u>	<u>3</u>
Water	<u>3</u>	<u>0</u>	<u>0</u>
GOR	<u>2181</u>	<u>103,333</u>	<u>13,000</u>

Selling Price of Crude -
\$/BBL. _____

Daily Income - \$/Day _____

COMMINGLED DATA:

Gravity of Commingled Crude 36.4*

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

Daily Income - \$/Day _____

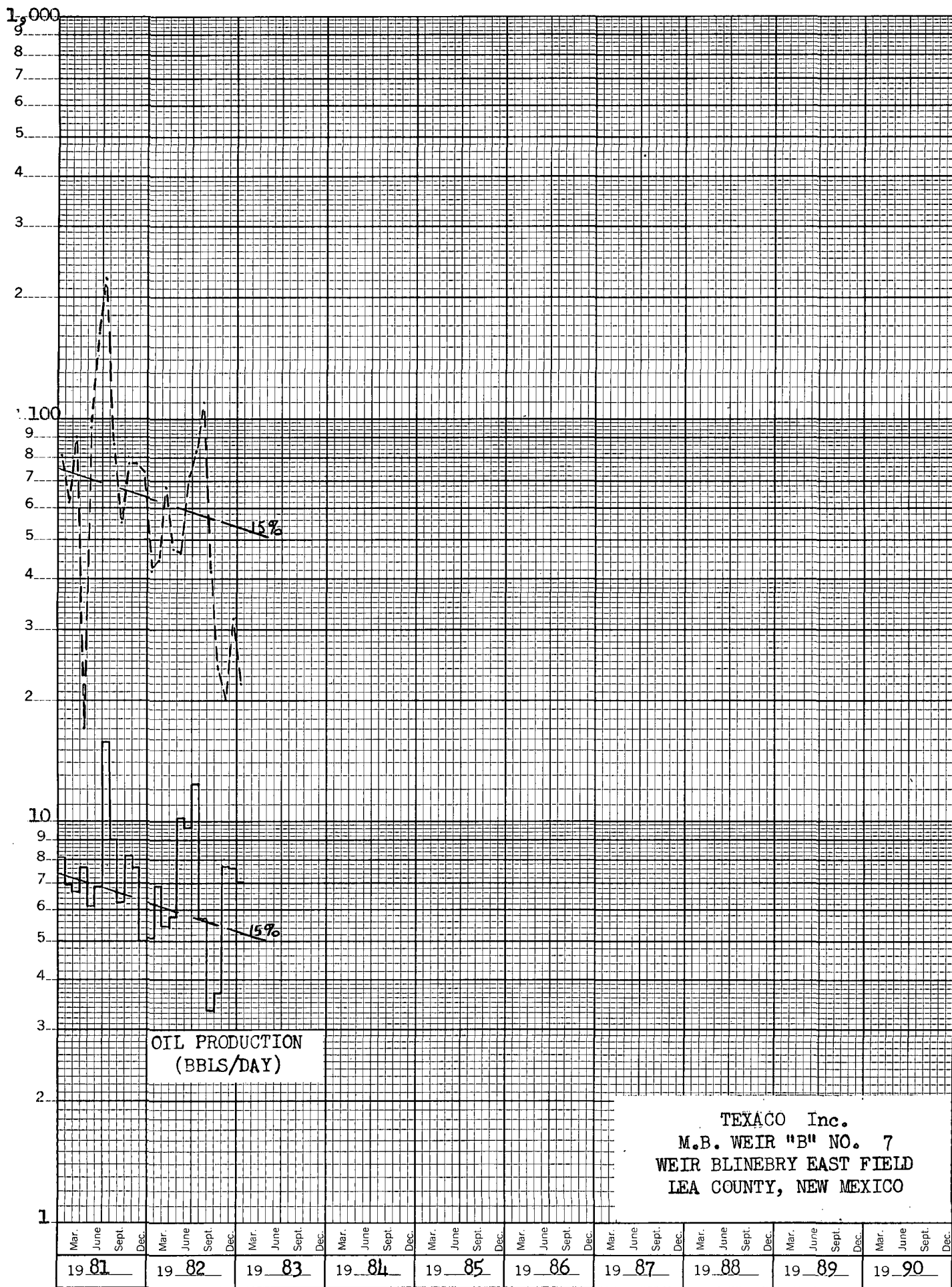
Net (Gain) (Loss) from Wellbore Commingling - \$/Day _____
based on current producing rates.

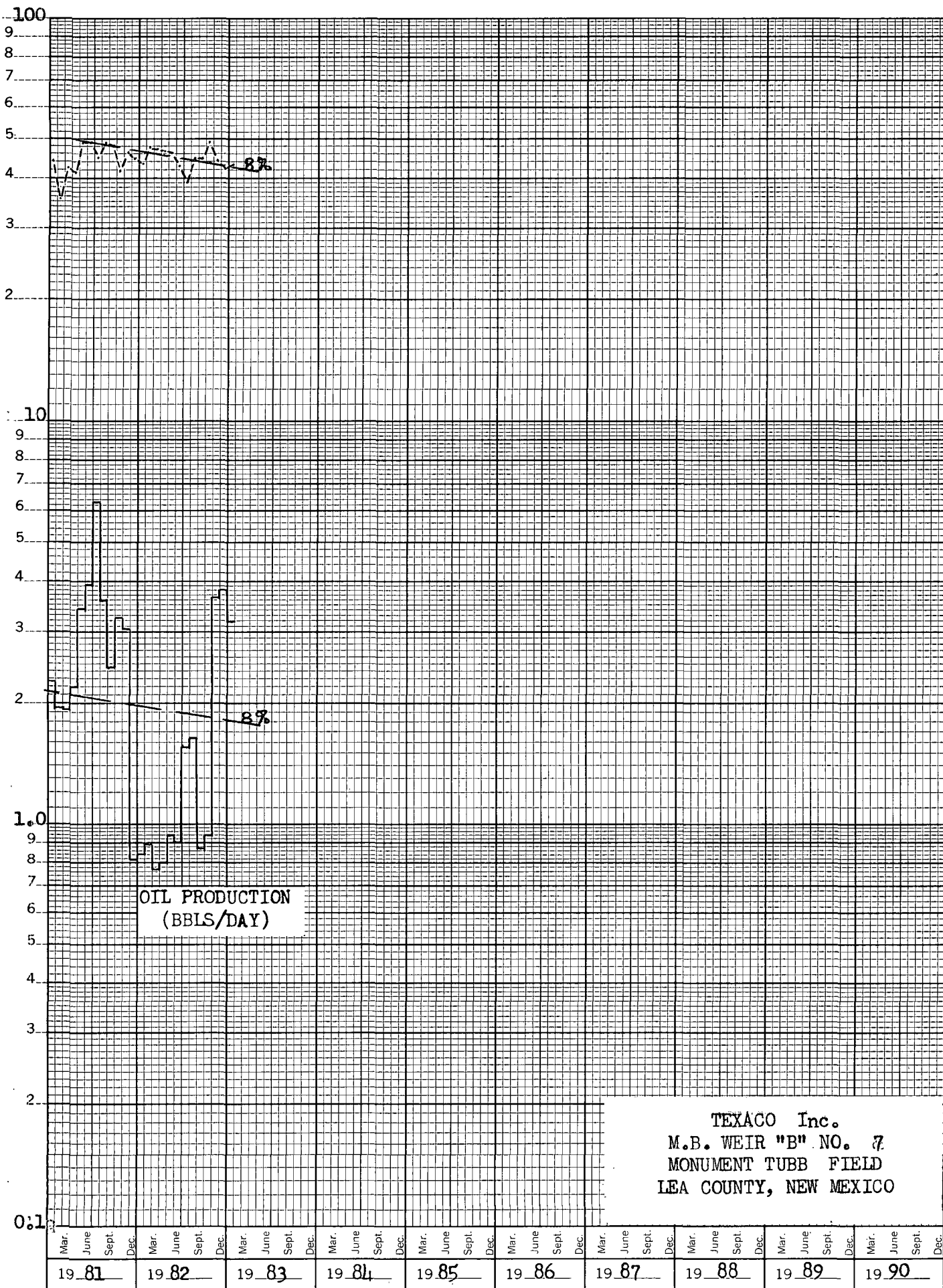
*These zones are currently commingled on the surface, therefore, there will be no change in the value of the crude.

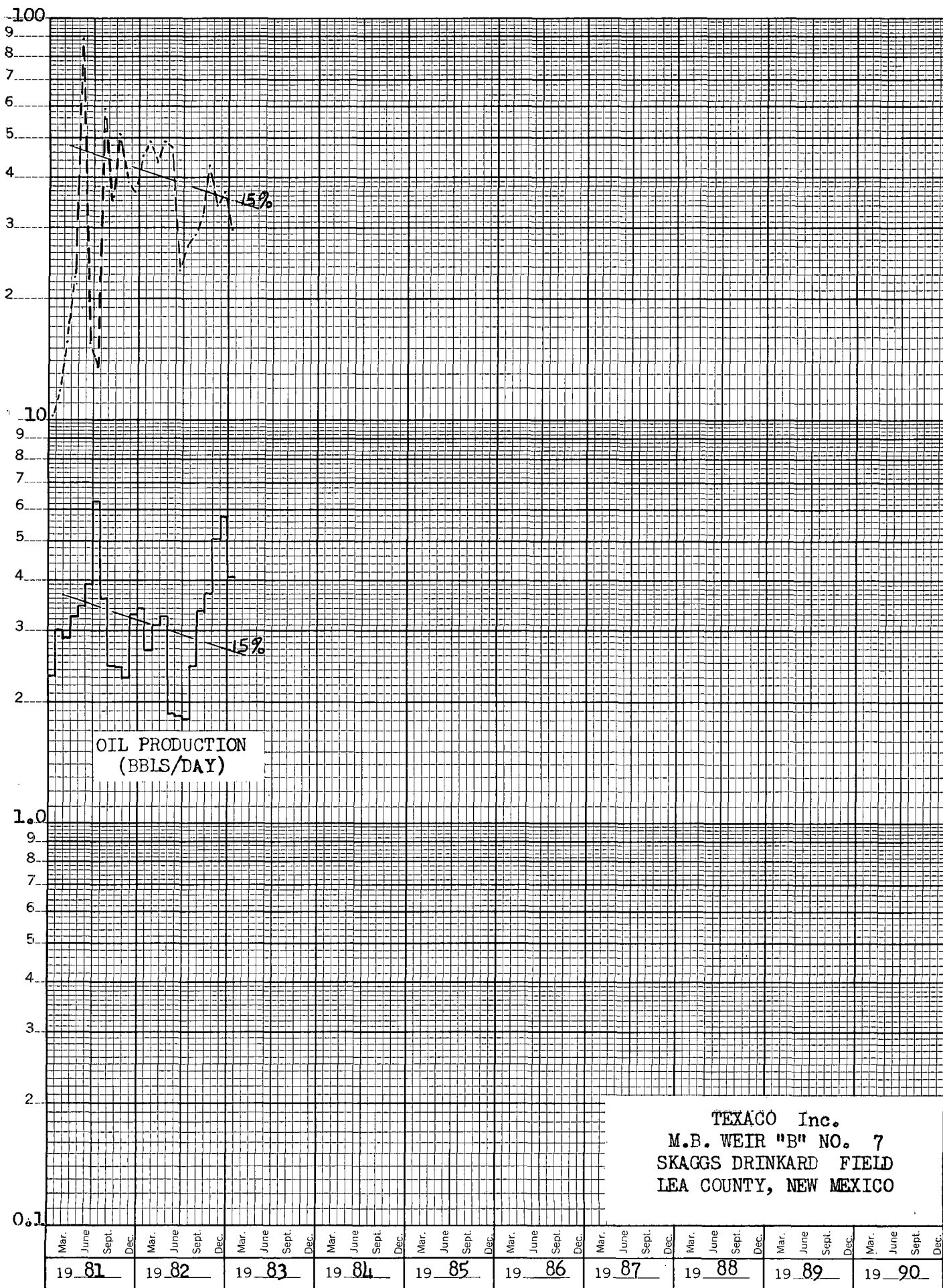
PROPOSED ALLOCATION FORMULA
M.B. WEIR "B" WELL NO. 7

<u>Pool</u>	<u>Weir Blinebry, East</u>	<u>Monument Tubb</u>	<u>Skaggs Drinkard</u>
Anticipated Oil Prod. - BOPD	11	3	4
Anticipated Gas Prod. - MCFD	24	420	40
Decline Rate - %	15	8	15
Anticipated Life - Years	23	23	23
% Oil Allocation	55	25	20
% Gas Allocation	3	92	5

This recommended allocation is based on total recoveries over the well's producing life with the initial producing rates and decline rates for each zone as shown.







R-37-E

TEXACO
"B"

CONOCO
"B"

ANTWEIL 12

Skaggs - Fed.

Shamu

TEXACO

"A"

C.H. Weir

TEXACO

"B"

M.B. Weir

TEXACO

L.R. Kershaw

CONOCO

Semu - Perm



SUBJECT WELL



WEIR BLINEBRY, EAST & SKAGGS
DRINKARD - 40 Acres



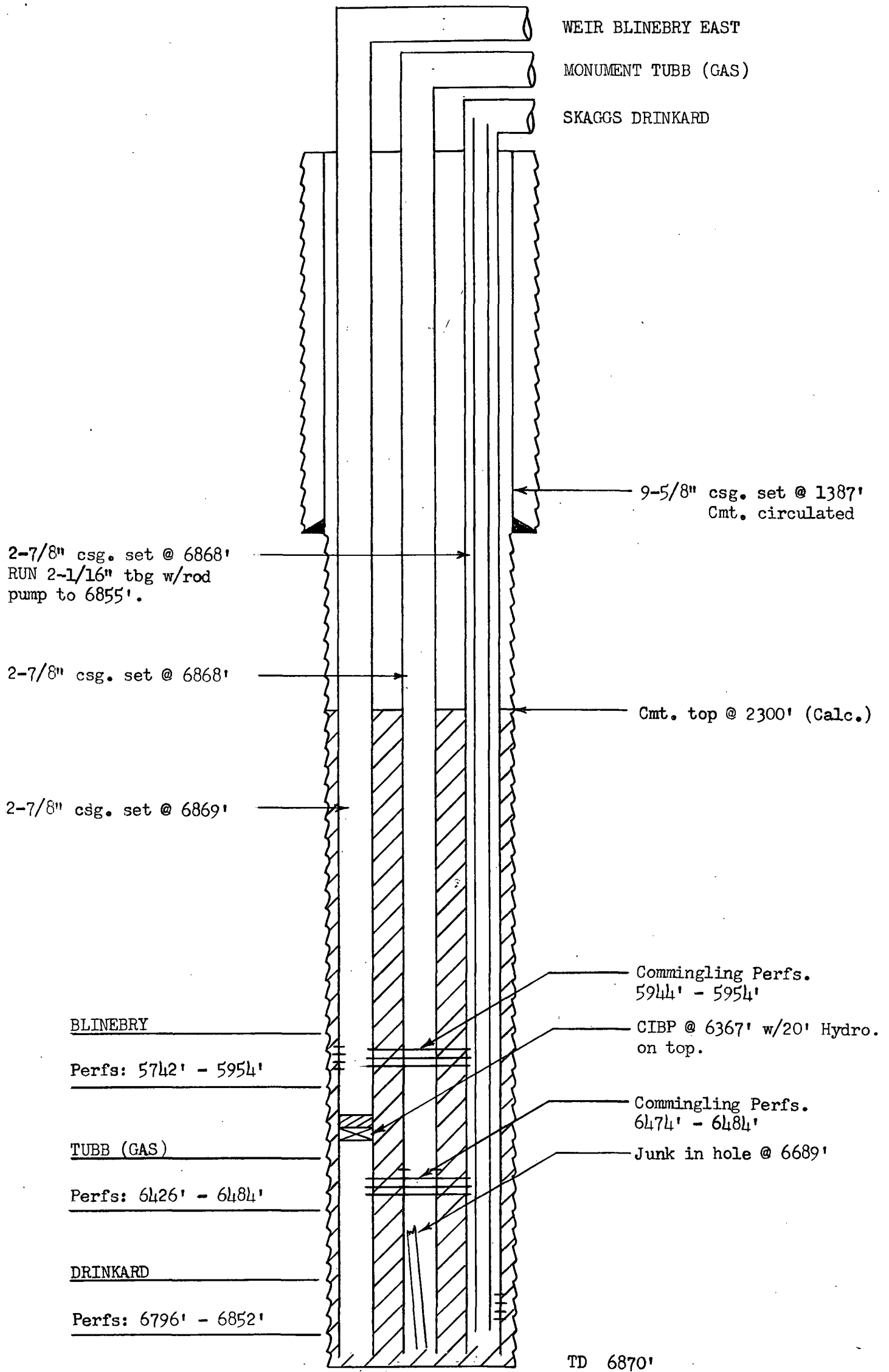
MONUMENT TUBB - 80 Acres

TEXACO Inc.

LOCATION MAP

LEA COUNTY, NEW MEXICO

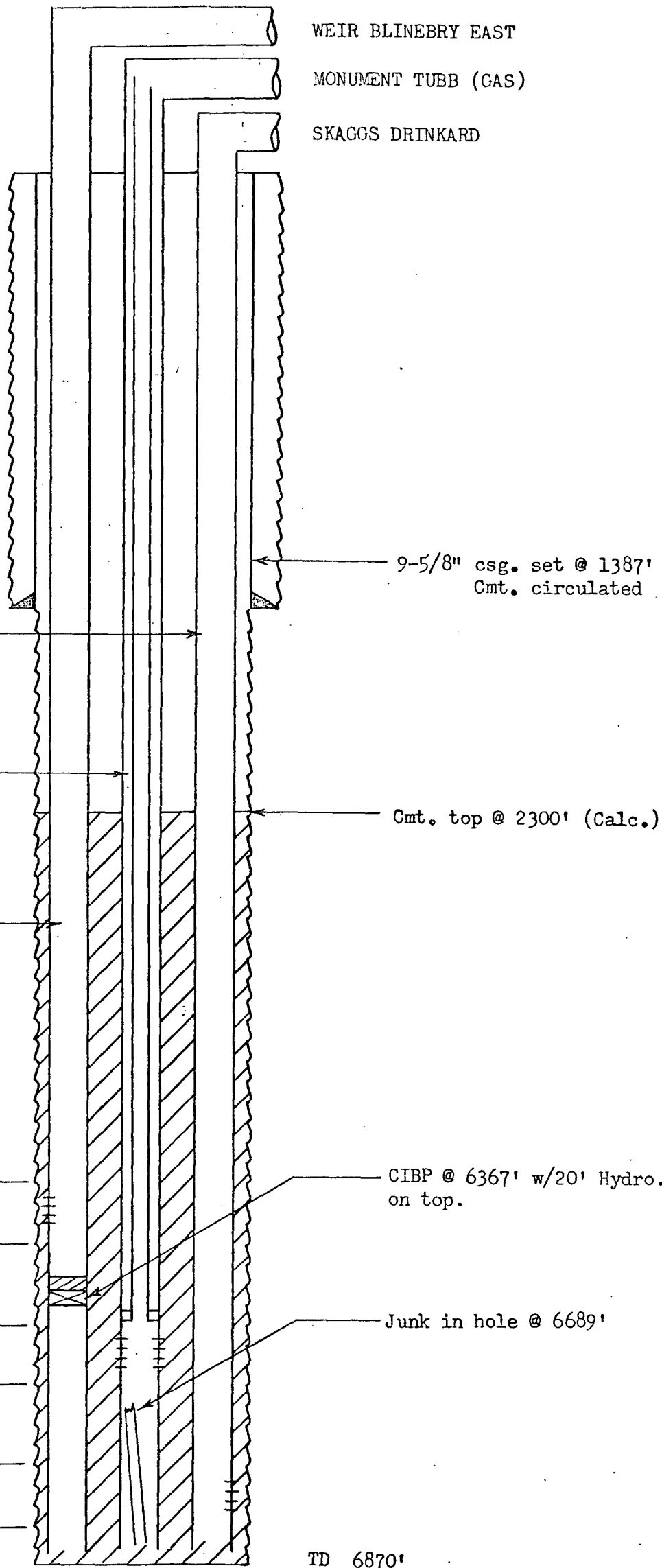
Drawn By: CRC Date: 12-10-79
Scale: 0 1000' 2000'



PROPOSED DOWNHOLE COMMINGLING

TEXACO Inc.
M.B. WEIR "B" NO. 7
WEIR BLINEBRY EAST, MONUMENT TUBB
AND
SKAGGS DRINKARD FIELDS
LEA COUNTY, NEW MEXICO

JAH/CRC 3-21-83



PRESENT COMPLETION

TEXACO Inc.
M.B. WEIR "B" NO. 7
WEIR BLINEBRY EAST, MONUMENT TUBB
AND
SKAGGS DRINKARD FIELDS
LEA COUNTY, NEW MEXICO

JAH/CRC 3-21-83