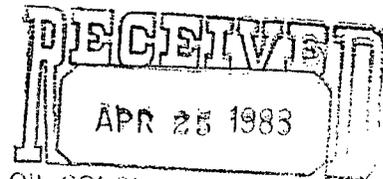




PETROLEUM PRODUCTS



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

C. H. WEIR 'A' WELL NO. 8
UNIT F, 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 and Minerals
Oil Conservation Division
P. O. Box 2088
Santa Fe, New Mexico, 87501

Case 7881

Attention: Mr. Joe D. Ramey
Secretary-Director

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 within the wellbore of the C. H. Weir 'A' Well No. 8.

The proposed commingling is necessary to allow production of zones which would otherwise not be produced. The Skaggs Drinkard was abandoned in 1974 when communication developed with the Monument Tubb. A recent packer leakage test has indicated communication of the Weir Blinebry, East and Monument Tubb which will require abandonment of the Weir Blinebry, East.

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.

April 18, 1983

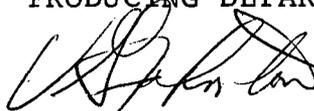
The ownership of all three zones (including Working Interest, Royalty Interest and Overriding Royalty Interest) is common.

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 and Minerals
Oil Conservation Division
P. O. Box 1980
Hobbs, New Mexico, 88240

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

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

Mr. M. R. Antweil
P. O. Box 2010
Hobbs, New Mexico, 88240

GAS-OIL RATIO TESTS

Operator: **TEXACO Inc.** Pool: **Weir Blinebry, East; Monument Tubb** County: **Lea**

Address: **P. O. Box 728, Hobbs, New Mexico, 88240** Type of Test: (X) Scheduled Completion Special:

LEASE NAME	WELL NO.	LOCATION			DATE OF TEST	TYPE OF TEST - (X)	SCHEDULED	CHOKE SIZE	T.B.G. PRESS.	DAILY ALLOW-ABLE	LENGTH OF TEST HOURS	PROD. DURING TEST			GAS - OIL RATIO CU.FT./BBL							
		U	S	T								WATER BLS.	GRAV. OIL BLS.	GAS M.C.F.								
C. H. WEIR "A" Weir Blinebry, East Monument Tubb	8	F	12	20S	37E					3	24	0	36 ⁴	2	9.4	4700						
												3/25/83	F	16/64	75	4	24	0	--	0	435	--
												3/22/83	F	19/64	75							

RECEIVED
APR 25 1983
OIL CONSERVATION DIVISION
SANTA FE

No well will be assigned an allowable greater than the amount of oil produced on the official test.
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 allowables 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.
Well 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]
(Signature)
Assistant District Manager
April 15, 1983

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. 8**

Location: **Unit F, 1985' FNL & 1980' 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>Abandoned</u>
BHP	<u>850 (Est.)</u>	<u>1280 (Est.)</u>	<u>1530 (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>5763 - 5877</u>	<u>6370 - 6625</u>	<u>6804-6843</u>
Current Test Date	<u>3/25/83</u>	<u>3/22/83</u>	<u>7/74</u>
Oil	<u>2</u>	<u>0</u>	<u>4</u>
Water	<u>0</u>	<u>0</u>	<u>0</u>
GOR	<u>4700</u>	<u>435 MCFD</u>	<u>70,000</u>
Selling Price of Crude - \$/BBL.	<u></u>	<u></u>	<u></u>
Daily Income - \$/Day	<u></u>	<u></u>	<u></u>

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.

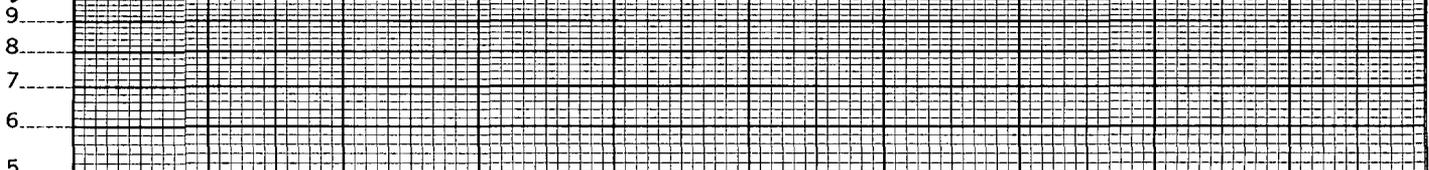
* These zones are currently
commingled on the surface;
therefore, there will be no
change in the value of the
crude.

PROPOSED ALLOCATION FORMULA
C. H. WEIR "A" WELL NO. 8

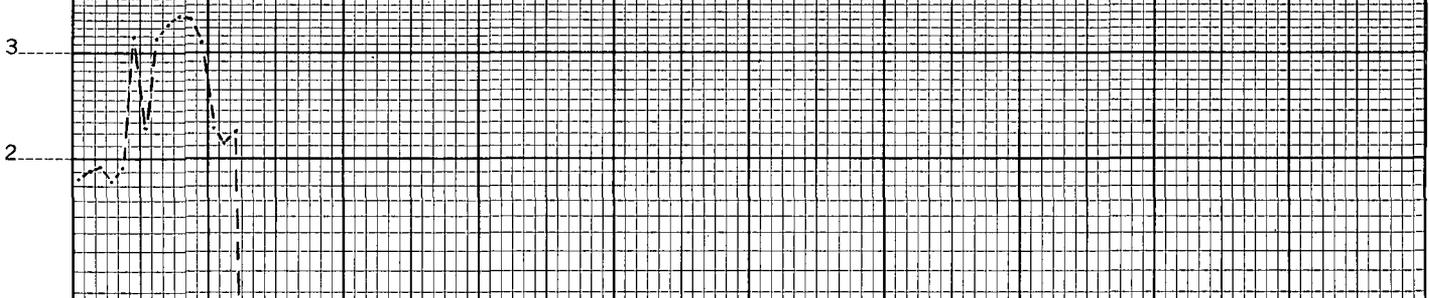
<u>Pool</u>	<u>Weir Blinebry, East</u>	<u>Monument Tubb</u>	<u>Skaggs Drinkard</u>
Anticipated Oil Prod. - BOPD	4	4	4
Anticipated Gas Prod. - MCFD	20	500	280
Decline Rate - %	14	44	24
Anticipated Life - Years	10	10	10
% Oil Allocation	50	17	33
% Gas Allocation	5	45	50

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

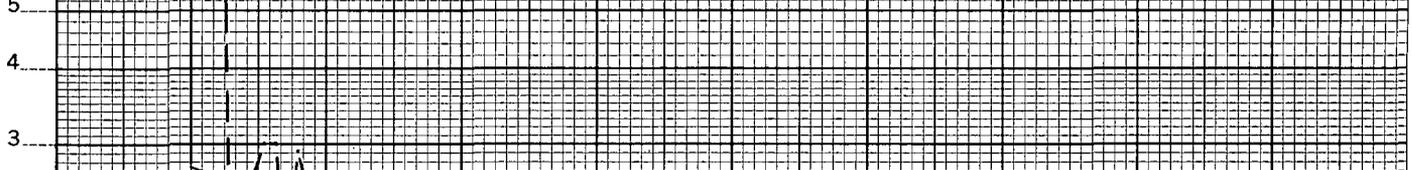
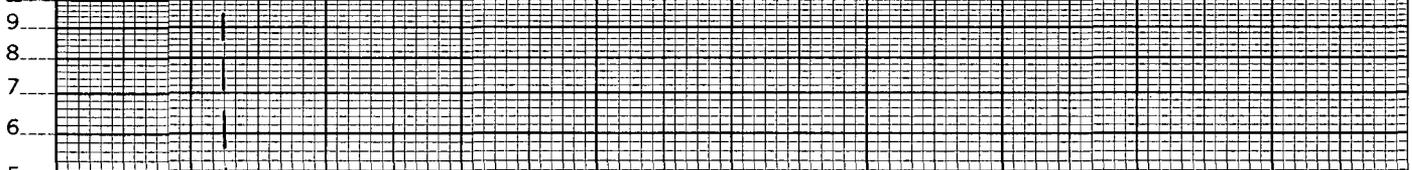
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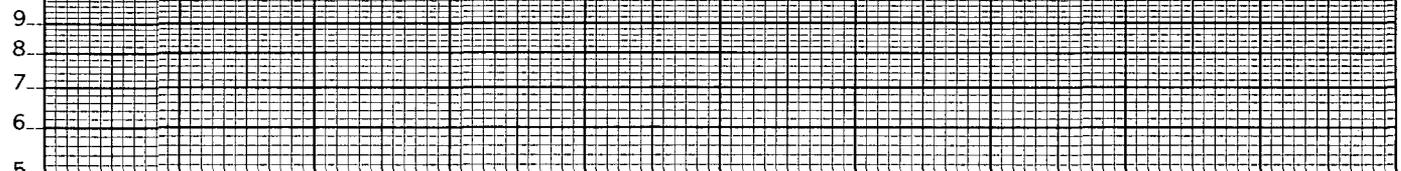
**GAS PRODUCTION
(MCF/DAY)**



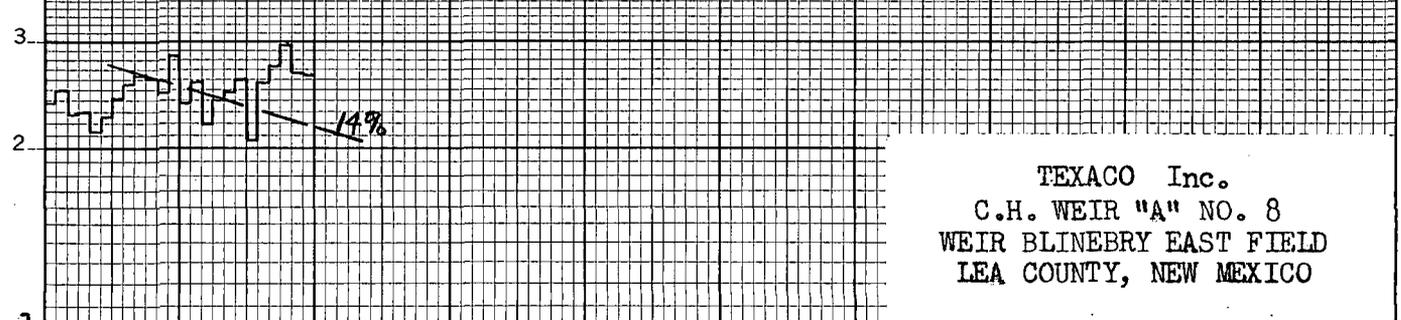
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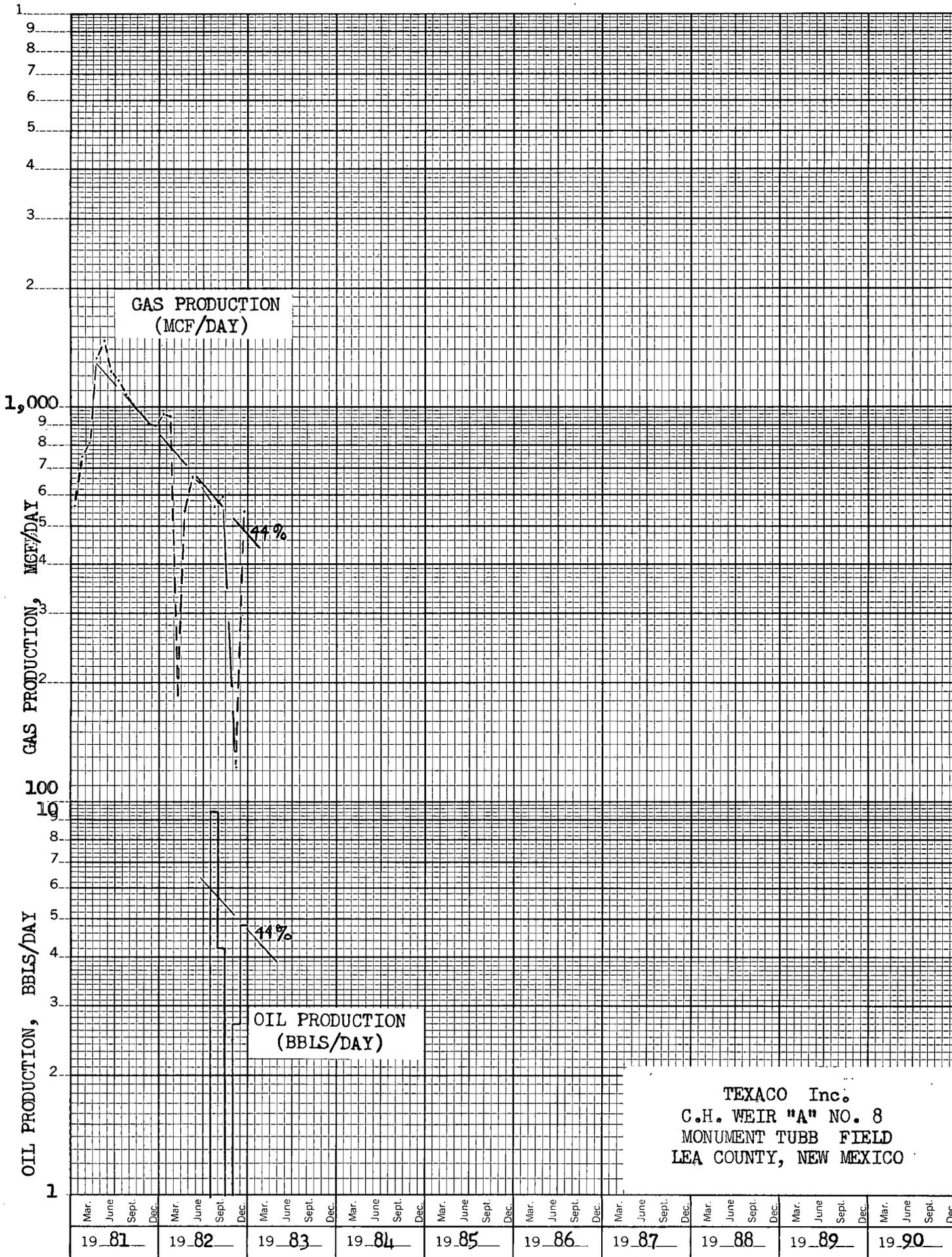
**OIL PRODUCTION
(BBL/DAY)**



TEXACO Inc.
C.H. WEIR "A" NO. 8
WEIR BLINEBRY EAST FIELD
LEA COUNTY, NEW MEXICO

1

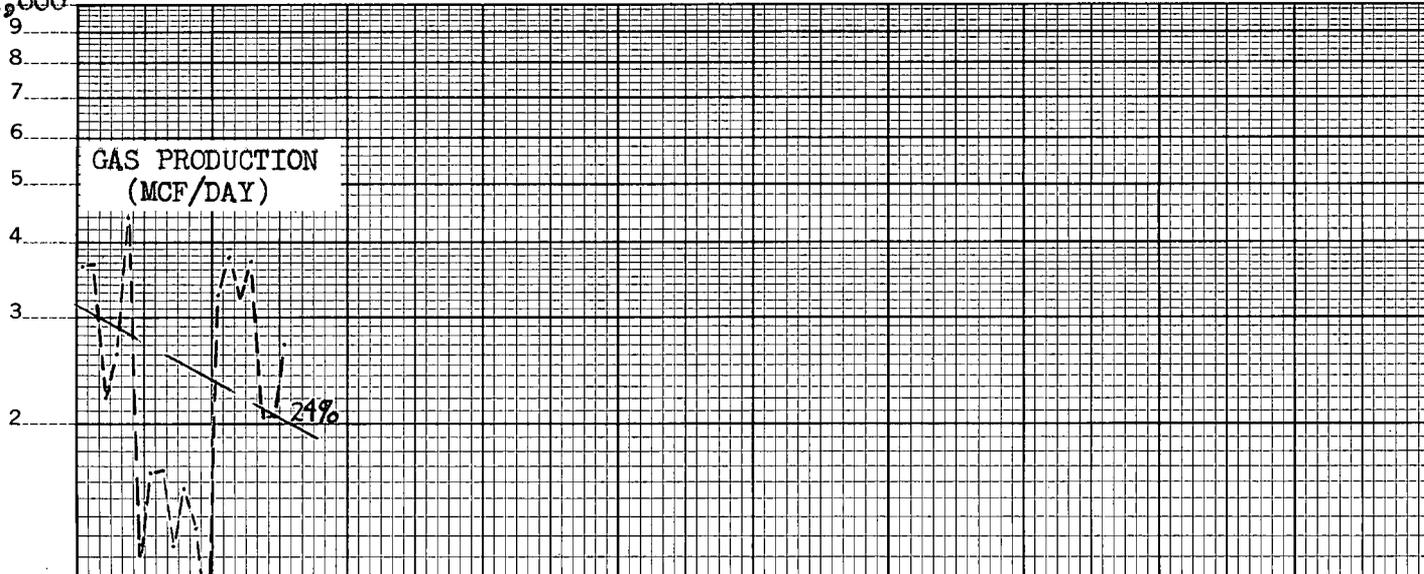
Mar.	June	Sept.	Dec.																																				
19_81	19_81	19_81	19_81	19_82	19_82	19_82	19_82	19_83	19_83	19_83	19_83	19_84	19_84	19_84	19_84	19_85	19_85	19_85	19_85	19_86	19_86	19_86	19_86	19_87	19_87	19_87	19_87	19_88	19_88	19_88	19_88	19_89	19_89	19_89	19_89	19_90	19_90	19_90	19_90



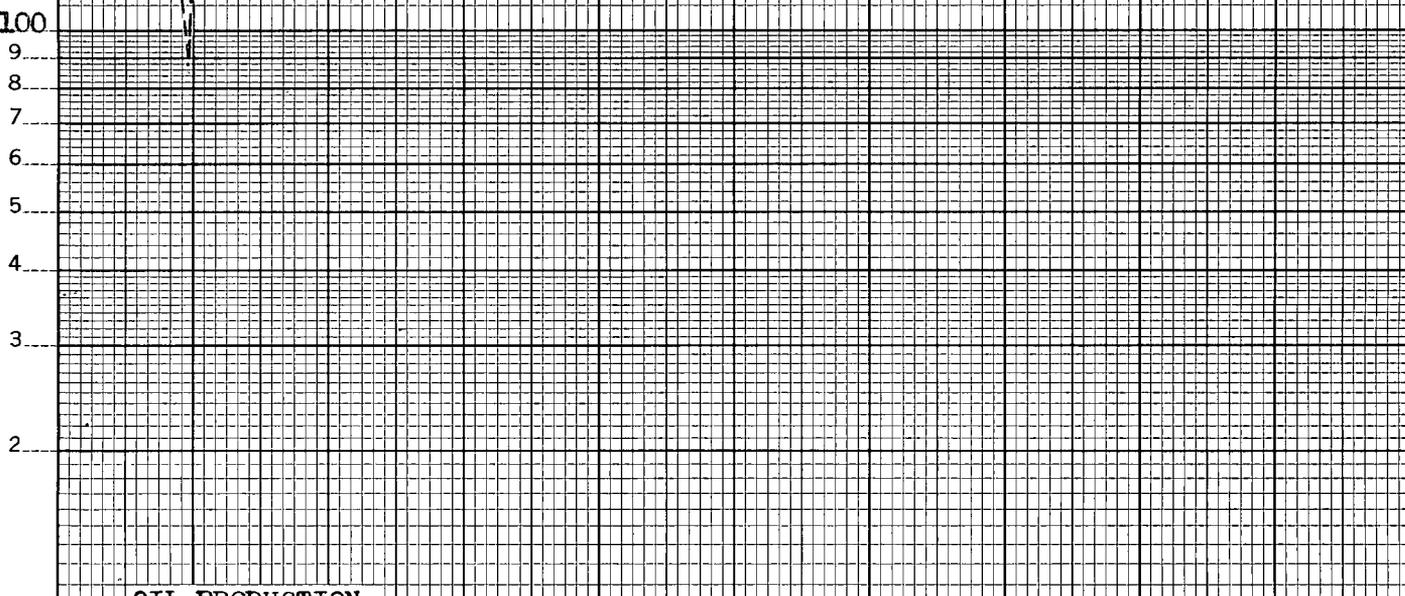
TEXACO Inc.
 C.H. WEIR "A" NO. 8
 MONUMENT TUBB FIELD
 LEA COUNTY, NEW MEXICO

1,000

GAS PRODUCTION (MCF/DAY)



OIL PRODUCTION (BBL/DAY)



TEXACO Inc.
 C.H. WEIR "A" NO. 8
 SKAGGS DRINKARD FIELD
 LEA COUNTY, NEW MEXICO

19	Mar.	June	Sept.	Dec.	19	Mar.	June	Sept.	Dec.	19	Mar.	June	Sept.	Dec.	19	Mar.	June	Sept.	Dec.	19	Mar.	June	Sept.	Dec.																									
73					74					75					76					77					78					79					80					81					82				

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.

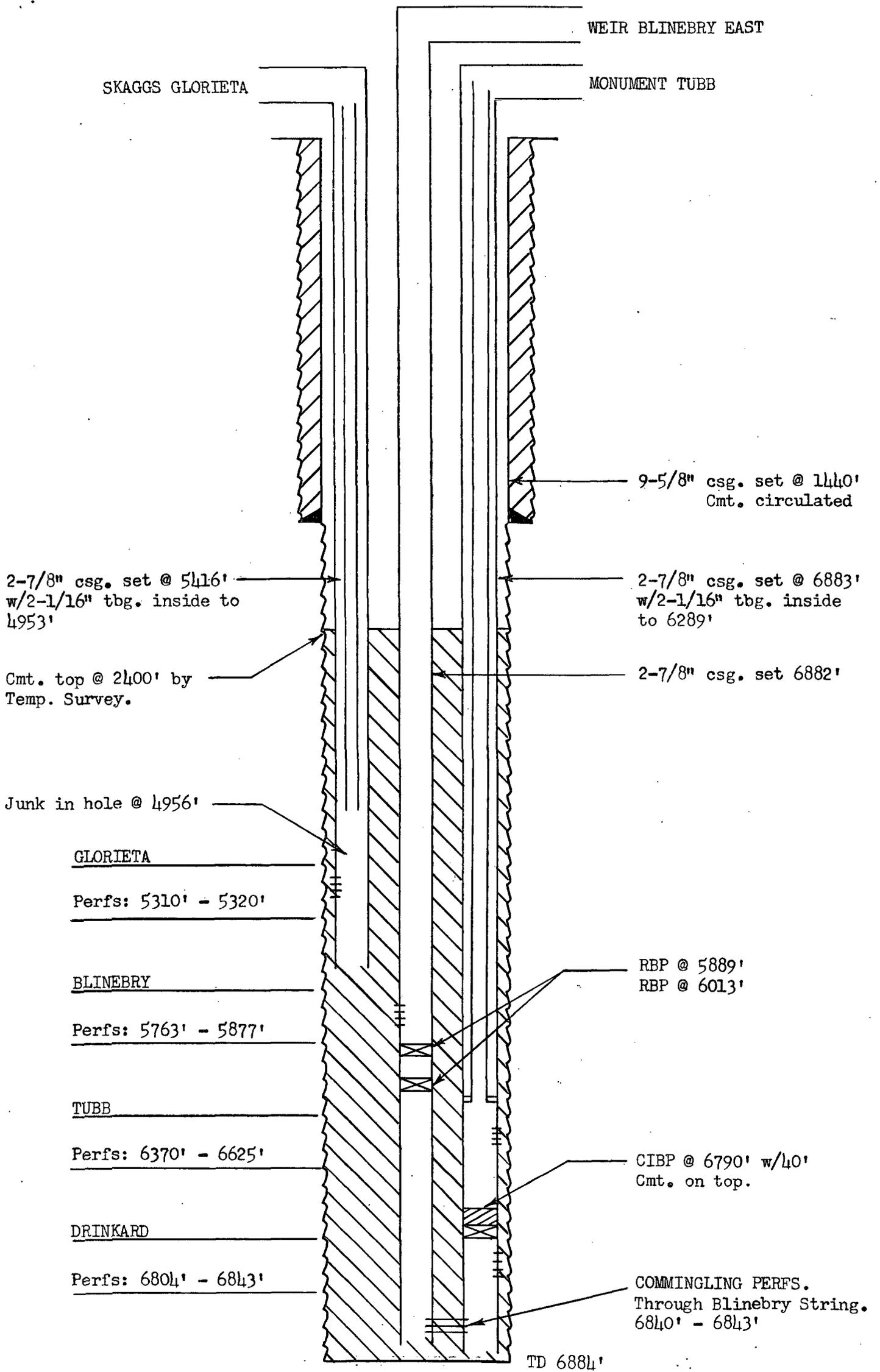
LOCATION MAP

LEA COUNTY, NEW MEXICO

Drawn By: CRC Date: 12-10-79

Scale: 0 1000' 2000'

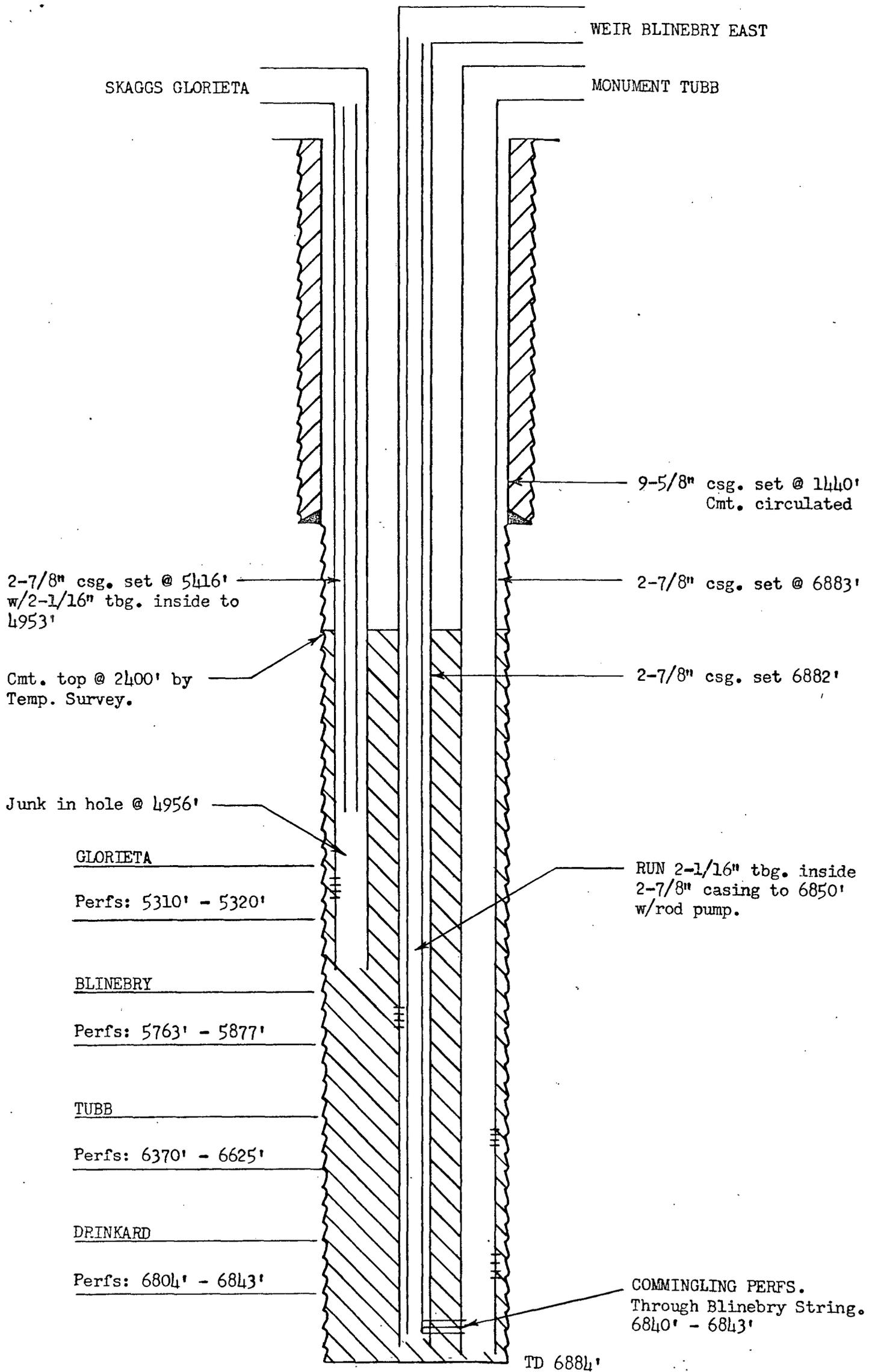
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20
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PRESENT COMPLETION

TEXACO Inc.
 C.H. WEIR "A" NO. 8
 MONUMENT TUBB, SKAGGS DRINKARD
 AND
 WEIR BLINEBRY EAST FIELDS
 LEA COUNTY, NEW MEXICO

JAH/CRC 3-21-83



PROPOSED DOWNHOLE COMMINGLING

TEXACO Inc.
C.H. WEIR "A" NO. 8
MONUMENT TUBB, SKAGGS DRINKARD
AND
WEIR BLINEBRY EAST FIELDS
LEA COUNTY, NEW MEXICO

JAH/CRC 3-21-83