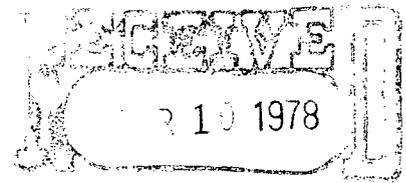




PETROLEUM PRODUCTS



NEW MEXICO OIL CONSERVATION COMMISSION
SANTA FE
TEXACO INC.
DRAWER 728
HOBBS, NEW MEXICO 88240

April 7, 1978

DHC - 241
Due - 5/1/78

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

RE: DOWNHOLE COMMINGLING
C. H. Weir "B" Well No. 6

ATTENTION: MR. JOE D. RAMEY
SECRETARY-DIRECTOR

Gentlemen:

Texaco Inc. respectfully requests administrative approval to commingle production from the Skaggs Drinkard and East Weir Blinebry pools in the wellbore of the C. H. Weir "B" Well No. 6 in accordance with New Mexico Oil Conservation Commission Rule 303-C. Dual completion of this well was authorized by NMOCC Order No. MC-1589-B.

The attached "Data Sheet for Wellbore Commingling" contains the data required by NMOCC Rule 303-C-2 (a, b, c, f, g and h). A Form C-116 showing the current test for the East Weir Blinebry zone and anticipated production for the Skaggs Drinkard zone is attached. The Skaggs Drinkard zone is currently temporarily abandoned. This zone was completed by acidizing with 1500 gal. acid in 1965 and flowed 3 bbls. oil and 2173 MCF gas per day. The well was temporarily abandoned following completion because no oil allowable could be obtained and no Drinkard gas pool existed. A decline curve for the East Weir Blinebry zone in the subject well along with a lease decline curve for the Skaggs Drinkard zone is attached. It is anticipated that the commingled production will be artificially lifted; and it is recommended that 30% of the commingled oil and 75% of the gas be assigned to the Skaggs Drinkard zone with 70% of the oil and 25% of the gas assigned to the East Weir Blinebry zone. A plat showing the location of the subject well and lease and wellbore diagrams of the existing and proposed completions are attached. Approval to downhole commingle the East Weir Blinebry and Skaggs Drinkard pools has previously been obtained for Texaco's C. H. Weir "B" Well No. 2.

Special consideration of this application with regard to the requirements for current tests and measured bottom hole pressures is requested because of the wells marginal status and lack of economic justification for extensive remedial work.



APRIL 7, 1978

Ownership of the two zones is common throughout. Commingling will not jeopardize the efficiency of any secondary recovery operations. All offset operators (see attached list) have been notified of this application by copy of this letter.

Yours very truly,

J. V. Gannon gas
J. V. Gannon
District Superintendent

WRH:las

Attachments

Offset Operators
NMOCC - Hobbs, N. M.

Bottoms pf : 4871'
Max. allow: 40 BOPD

<i>BL :</i>	<i>780</i>	<i>70%</i>	<i>56</i>	<i>injection</i>	<i>25%</i>
<i>SL :</i>	<i>380</i>	<i>30%</i>	<i>148</i>	<i>injection</i>	<i>75%</i>
	<i>10</i>		<i>224</i>		

DATA SHEET FOR WELLBORE COMMINGLING

Operator: TEXACO INC.

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

Lease and Well No: C. H. Weir "B" No. 6

Location: Unit P; 660 Feet from the South Line and
660 Feet from East Line of Section 11;
Township 20-S, Range 37-E; Lea County.

WELL DATA

	<u>Upper Pool</u>	<u>Lower Pool</u>
Name of Pool	<u>Weir Blinebry East</u>	<u>Skaggs Drinkard</u>
Producing Method	<u>flowing</u>	<u>proposed</u>
BHP	<u>800 psi calculated</u> <u>500 psi tbg pressure 800' FIH</u>	<u>500 psi est. from</u> <u>C. H. Weir "B" No. 2</u>
Type Crude	<u>Sour</u>	<u>Sour</u>
Gravity	<u>36.1</u>	<u>36.1</u>
GOR Limit	<u>2000</u>	<u>2000</u>
Completion Interval	<u>5788-6036</u>	<u>6771-6871</u>
Current Test Date	<u>3-24-78</u>	<u>(shut in)</u>
		<u>Anticipated Production</u>
Oil	<u>7</u>	<u>3</u>
Water	<u>3</u>	<u>0</u>
GOR	<u>8000</u>	<u>56,000</u>
Selling Price of Crude-\$/BBL.	<u>13.68</u>	<u>(13.68)</u>
Daily Income - \$/Day	<u>95.76</u>	<u>0</u>

These zones are downhole commingled in C. H. Weir "B" Well No. 2

COMMINGLED DATA:

Gravity of Commingled Crude 36.1

Selling Price of Commingled Crude - \$/BBL. 13.68

Daily Income - \$/Day 136.80

Net (Gain) (Loss) From Wellbore Commingling - \$/Day 41.04
based on current producing rates.

NEW MEXICO OIL CONSERVATION COMMISSION
GAS-OIL RATIO TESTS

C-116
Revised 1-1-65

Operator TEXACO INC.		Pool East Weir Blinbry / Skaggs Drinkard			County Isla											
Address P. O. Box 728 - Hobbs, New Mexico 88240		TYPE OF TEST - (X) <input type="checkbox"/> Scheduled <input checked="" type="checkbox"/> Special		Completion <input type="checkbox"/> <input checked="" type="checkbox"/> Special												
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./BBL.		
		U	S	T							R	WATER BBL.S.	GRAV. OIL		OIL BBL.S.	GAS M.C.F.
C. H. Weir "B" East Weir Blinbry Skaggs Drinkard	6	P	11	20-S	37-E	3-24-78 Anticipated	F	19/64 --	60 --	11 0	24 24	1 0	36.1 3.61	7 3	56 168	8,000 56,000

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 Commission.

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 Commission 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 Superintendent
(Title)
April 7, 1978
(Date)

(Date)

1,000

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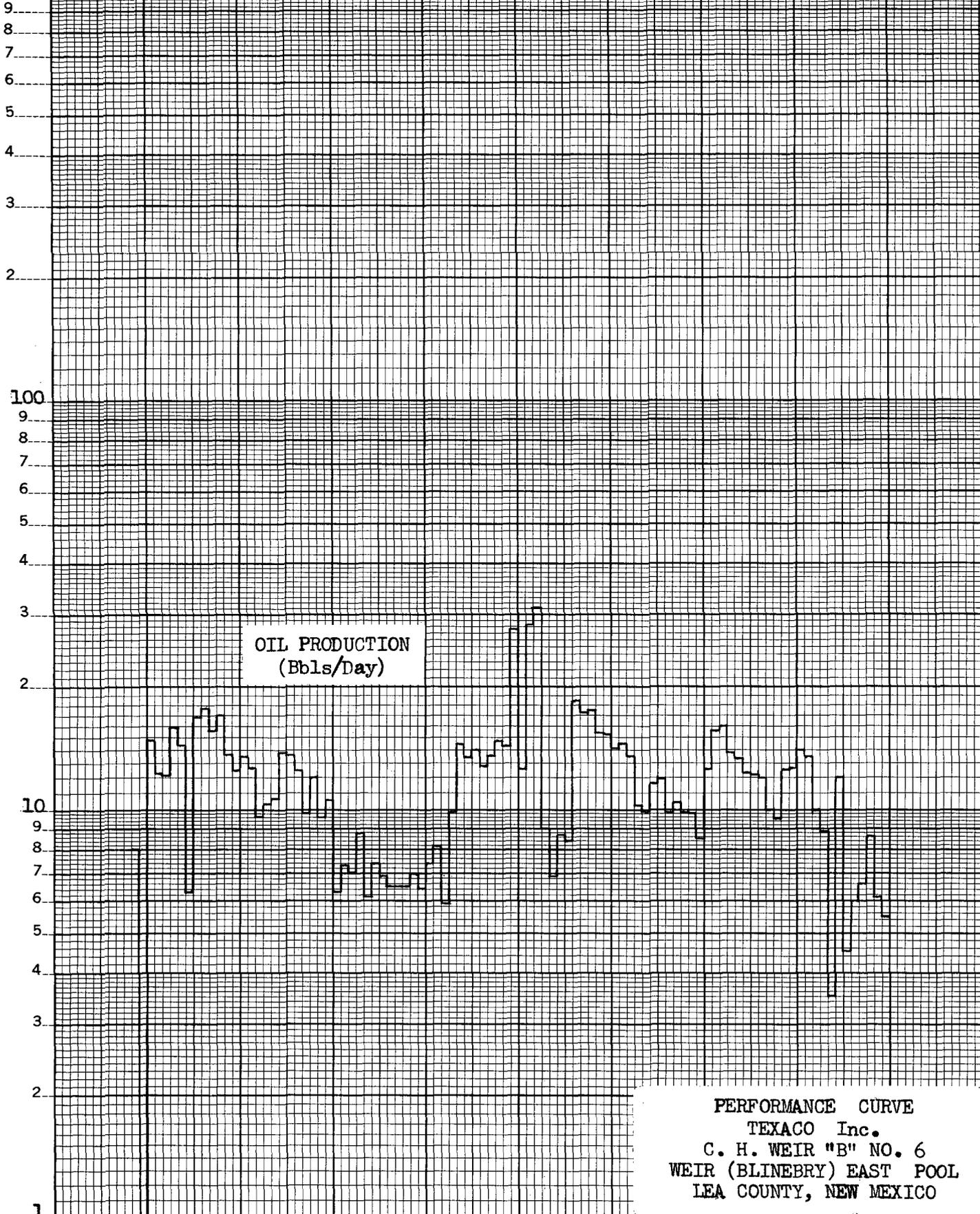
OIL PRODUCTION
(Bbls/Day)

PERFORMANCE CURVE
TEXACO Inc.
G. H. WEIR "B" LEASE
SKAGGS (DRINKARD) POOL
LEA COUNTY, NEW MEXICO

1

Mar.	June	Sept.	Dec.																																				
19	69			19	70			19	71			19	72			19	73			19	74			19	75			19	76			19	77			19	78		

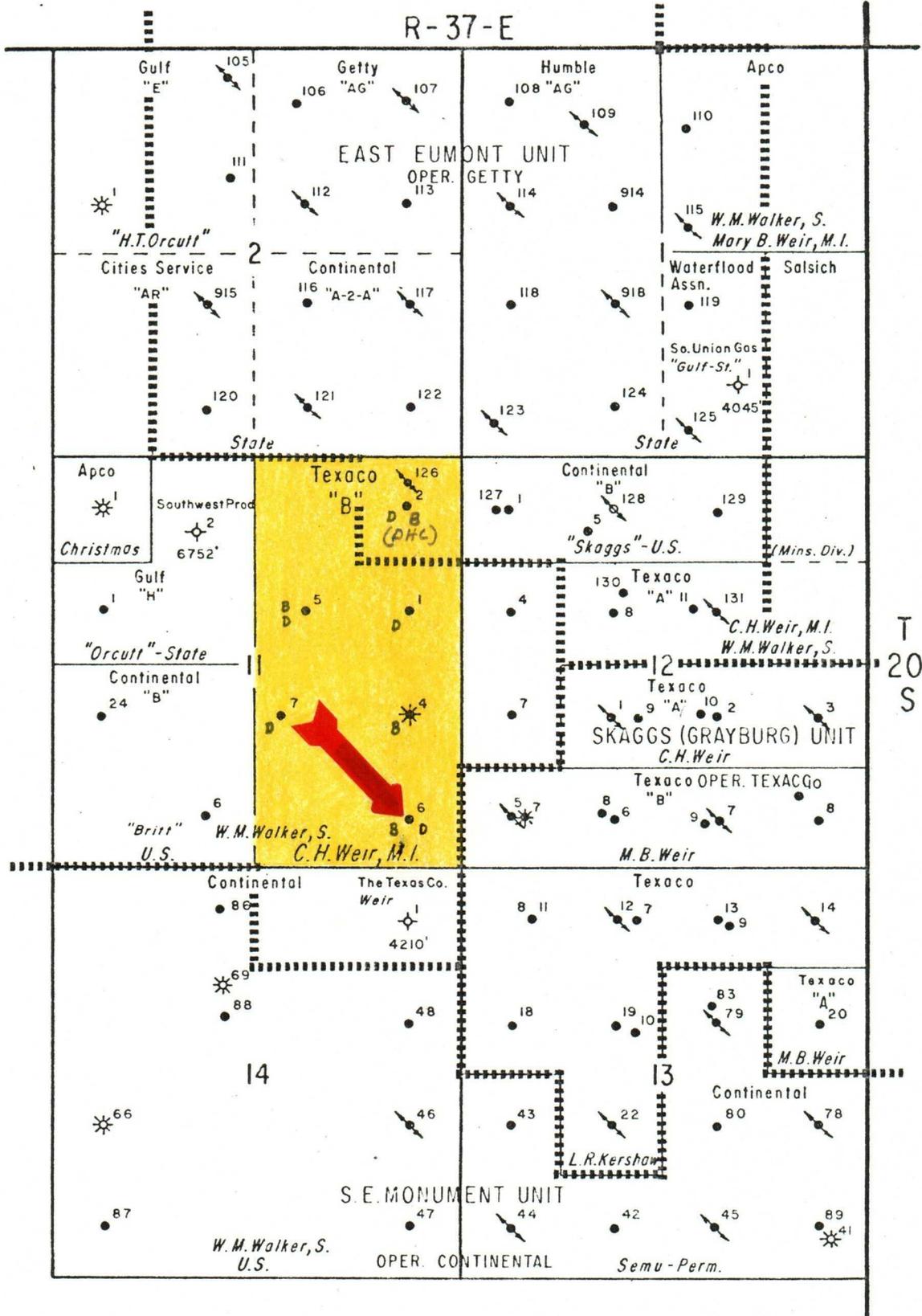
1,000



OIL PRODUCTION
(Bbls/Day)

PERFORMANCE CURVE
TEXACO Inc.
C. H. WEIR "B" NO. 6
WEIR (BLINEBRY) EAST POOL
LEA COUNTY, NEW MEXICO

Mar.	June	Sept.	Dec.																												
19	69	19	70	19	71	19	72	19	73	19	74	19	75	19	76	19	77	19	78												



LEGEND

- PRODUCING WELL
- ↘ INJECTION WELL
- ⊕ DRY HOLE
- UNIT BOUNDARY

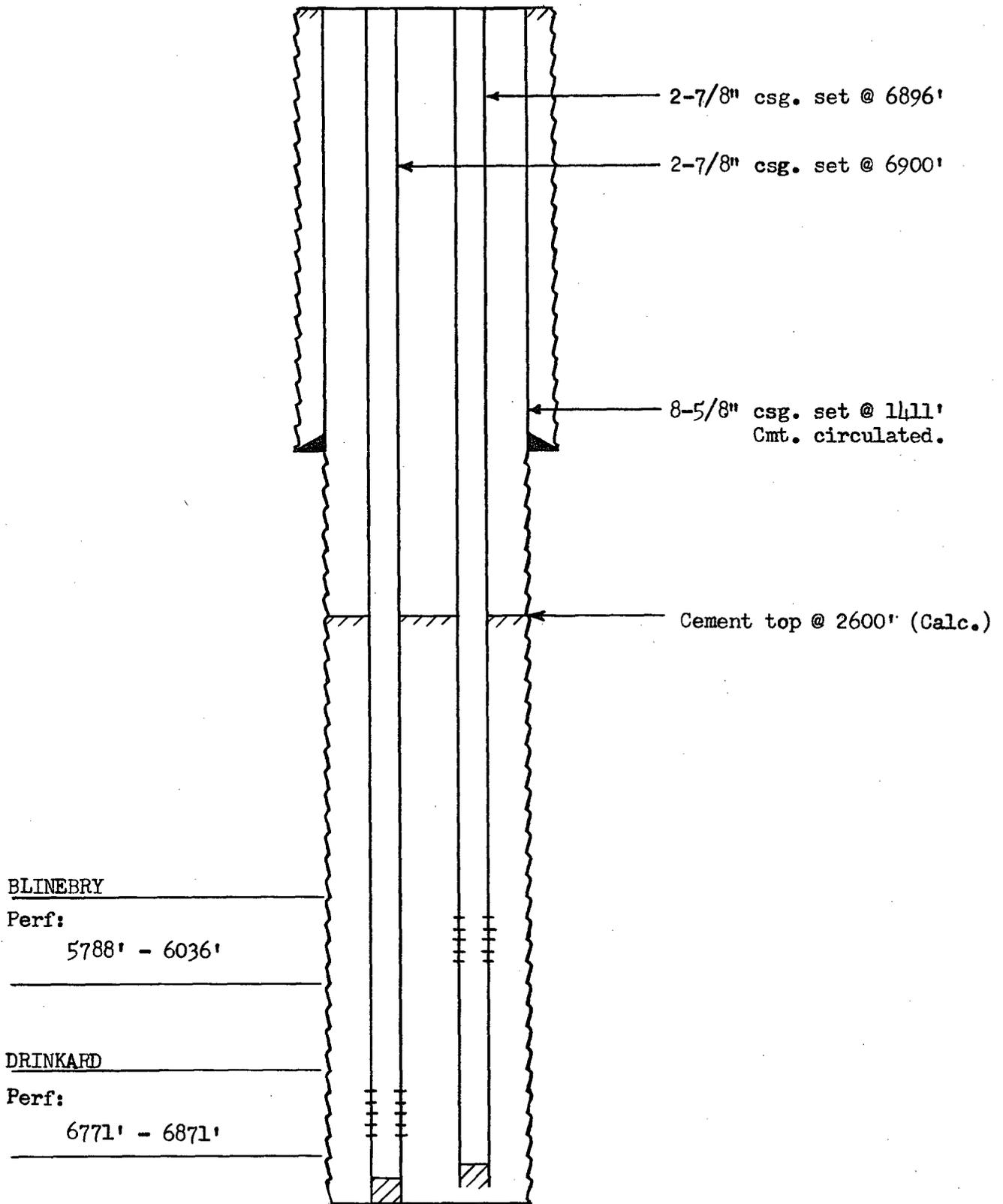
TEXACO'S
C. H. WEIR "B" LEASE
 LEA COUNTY, NEW MEXICO

B — WEIR BLINEBRY EAST
 D — SKAGGS DRINKARD

SCALE: 1" = 2000'

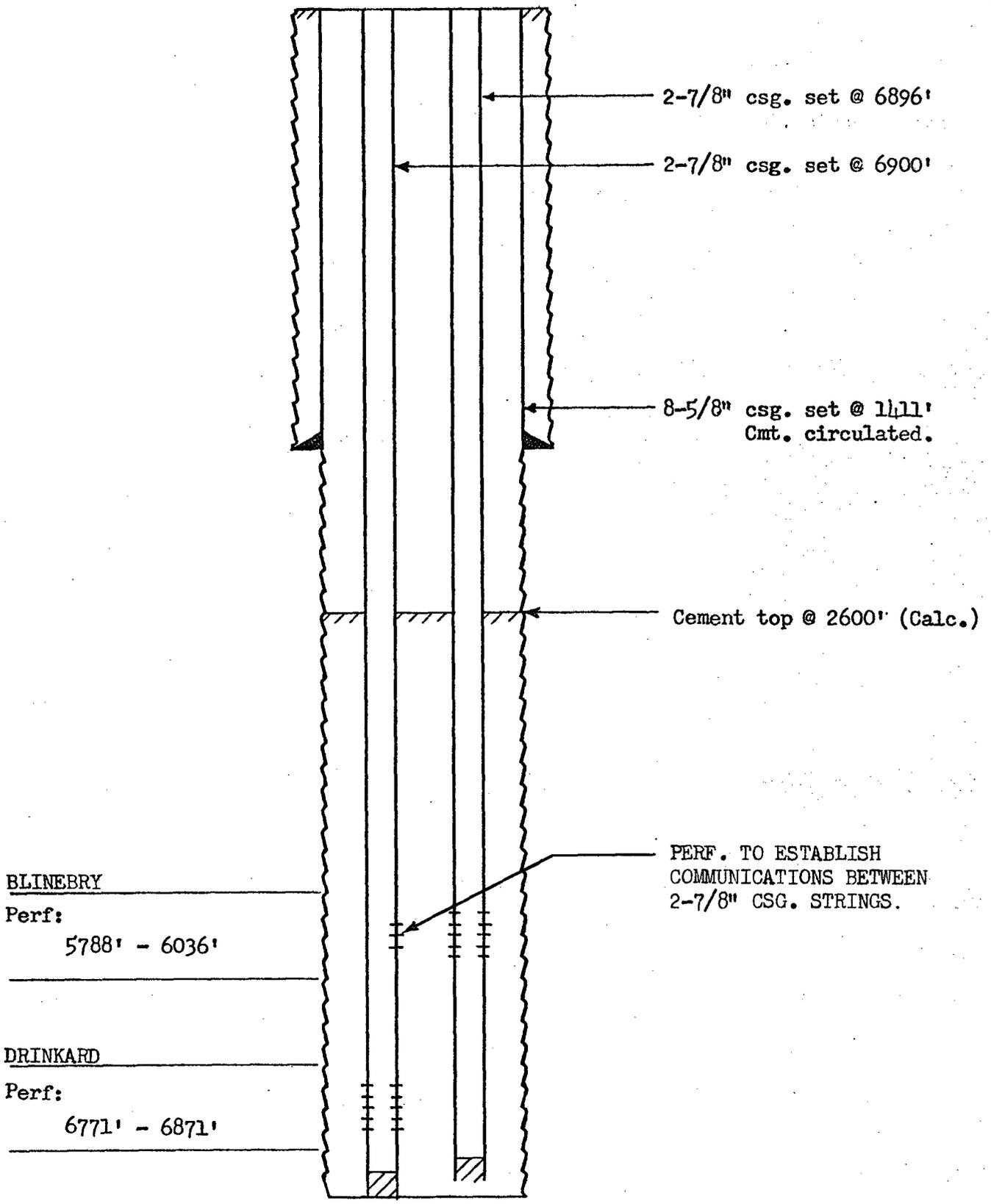
FMR

6-11-69



PRESENT COMPLETION

TEXACO Inc.
 C. H. WEIR "B" NO. 6
 WEIR (BLINEBRY) EAST
 AND
 SKAGGS (DRINKARD) POOLS
 LEA COUNTY, NEW MEXICO



PROPOSED COMMINGLING PROCEDURE

TEXACO Inc.
 C. H. WEIR "B" NO. 6
 WEIR (BLINEBRY) EAST
 AND
 SKAGGS (DRINKARD) POOLS
 LEA COUNTY, NEW MEXICO

OFFSET OPERATORS

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

Gulf Oil Co.
P. O. Box 670
Hobbs, New Mexico 88240

Getty Oil Co.
P. O. Box 249
Hobbs, New Mexico 88240

OIL CONSERVATION COMMISSION
Hobbs DISTRICT

OIL CONSERVATION COMMISSION
BOX 2088
SANTA FE, NEW MEXICO

DATE April 11, 1978

RE: Proposed MC _____
Proposed DHC X _____
Proposed NSL _____
Proposed SWD _____
Proposed WFX _____
Proposed PMX _____

APR 14 1978
OIL CONSERVATION COMMISSION
HOBBS DISTRICT

Gentlemen:

I have examined the application dated _____
for the Texaco Inc. C. H. Weir "B" #6-P 11-20-37
Operator Lease and Well No. Unit, S-T-R

and my recommendations are as follows:

O.K.----J.S.

Yours very truly,