



PETROLEUM PRODUCTS

July 25, 1979

14665
TEXACO INC.
DRAWER 728
HOBBS, NEW MEXICO 88240

DOWNHOLE COMMINGLING

M. B. WEIR "B" WELL NO. 9
UNIT 0, SECTION 12, T-20-S, R-37-E
WEIR BLINEBRY EAST, SKAGGS DRINKARD
AND SKAGGS GLORIETA FIELD
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

Attention: Mr. Joe D. Ramey
Secretary-Director

Gentlemen:

TEXACO Inc. respectfully requests Administrative approval to commingle production from the Skaggs Glorieta and the already commingled Skaggs Drinkard and Weir Blinebry East pools in the wellbore of the M. B. Weir "B" Well No. 9 in accordance with NMOCC Rule 303-C.

This well meets all prerequisites for downhole commingling as described in NMOCC Rule 303-C, 1, (a thru h).

These three zones have been surface commingled and downhole commingled in various combinations on this lease and others in the field and no incompatibility between the fluids has been found.

All Offset Operators (List Attached) have been notified of this application by copy of this letter.

State of New Mexico
Dept. of Energy & Minerals

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July 25, 1979

All data required by NMOCC Rule 303-C, 2, for Administrative approval to downhole commingle, are attached. Since the Glorieta is not open in this well, a production decline curve from our offset well (shut-in in 1975 due to mechanical problems) is included to show an established decline rate for the zone.

Yours very truly,

TEXACO INC.
PRODUCING DEPARTMENT-CENTRAL U. S.



J. V. Gannon
District Superintendent

WER:JEB

Attachments

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

Offset Operators (List Attached)

**NEW MEXICO OIL CONSERVATION COMMISSION
GAS-OIL RATIO TESTS**

C-116
Revised 1-1-65

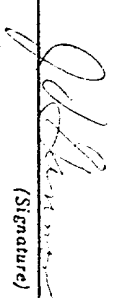
Operator		Pool		County	
TEXACO Inc.		See Below		Lea	
Address		P. O. Box 728, Hobbs, New Mexico 88240		TEST - (X)	
LEASE NAME		WELL NO.		DATE OF TEST	
		U S T R		CHOKE SIZE	
				TBG. PRESS.	
				DAILY ALLOW-ABLE	
				LENGTH OF TEST HOURS	
				WATER BBL.	
				PROD. DURING TEST	
				GRAV. OIL BBL.	
				GAS M.C.F.	
				GAS - OIL RATIO CU.FT/BBL	

M. B. Weir "B"	9 - 0 12 20 37	6-29-79	P	-	-	14	24	0	35.5	4	57	12286
<u>Weir Blinbry East</u>		6-29-79	P	-	-	14	24	0	35.5	4	57	12286
<u>Skaggs Drinkard</u>		6-29-79	P	-	-	4	24	0	35.5	4	57	14250

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)
 District Superintendent
 (Title)
 July 25, 1979

DA 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. 9

Location: Unit O, 660' FSL and 2180' FEL, 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>Skaggs Glorieta</u>	<u>ORDER NO. MC-1554 Weir Blinebry, East</u>	<u>ORDER NO. MC-1554 Skaggs Drinkard</u>
Producing Method	<u>Proposed Completion</u>	<u>Pumping</u>	<u>Pumping</u>
BHP	<u>800*</u>	<u>1108*</u>	<u>1577*</u>
Type Crude	<u>Sour</u>	<u>Sour</u>	<u>Sour</u>
Gravity	<u>35.3</u>	<u>35.5</u>	<u>35.5</u>
GOR Limit	<u>2000</u>	<u>2000</u>	<u>2000</u>
Completion Interval	<u>Proposed Interval 5270-5345'</u>	<u>5773-6010'</u>	<u>6782-6837'</u>
Current Test Date	<u>-</u>	<u>6-19-79</u>	<u>6-19-79</u>
Oil	<u>-</u>	<u>14</u>	<u>4</u>
Water	<u>-</u>	<u>0</u>	<u>0</u>
GOR	<u>-</u>	<u>12286</u>	<u>14250</u>
Selling Price of Crude - \$/BBL.	<u>17.10</u>	<u>17.10</u>	<u>17.10</u>
Daily Income - \$/Day	<u>-</u>	<u>232.54</u>	<u>66.44</u>

COMMINGLED DATA:

Gravity of Commingled Crude 35.4

Selling Price of Commingled Crude - \$/BBL. 17.10

Daily Income - \$/Day 820.80

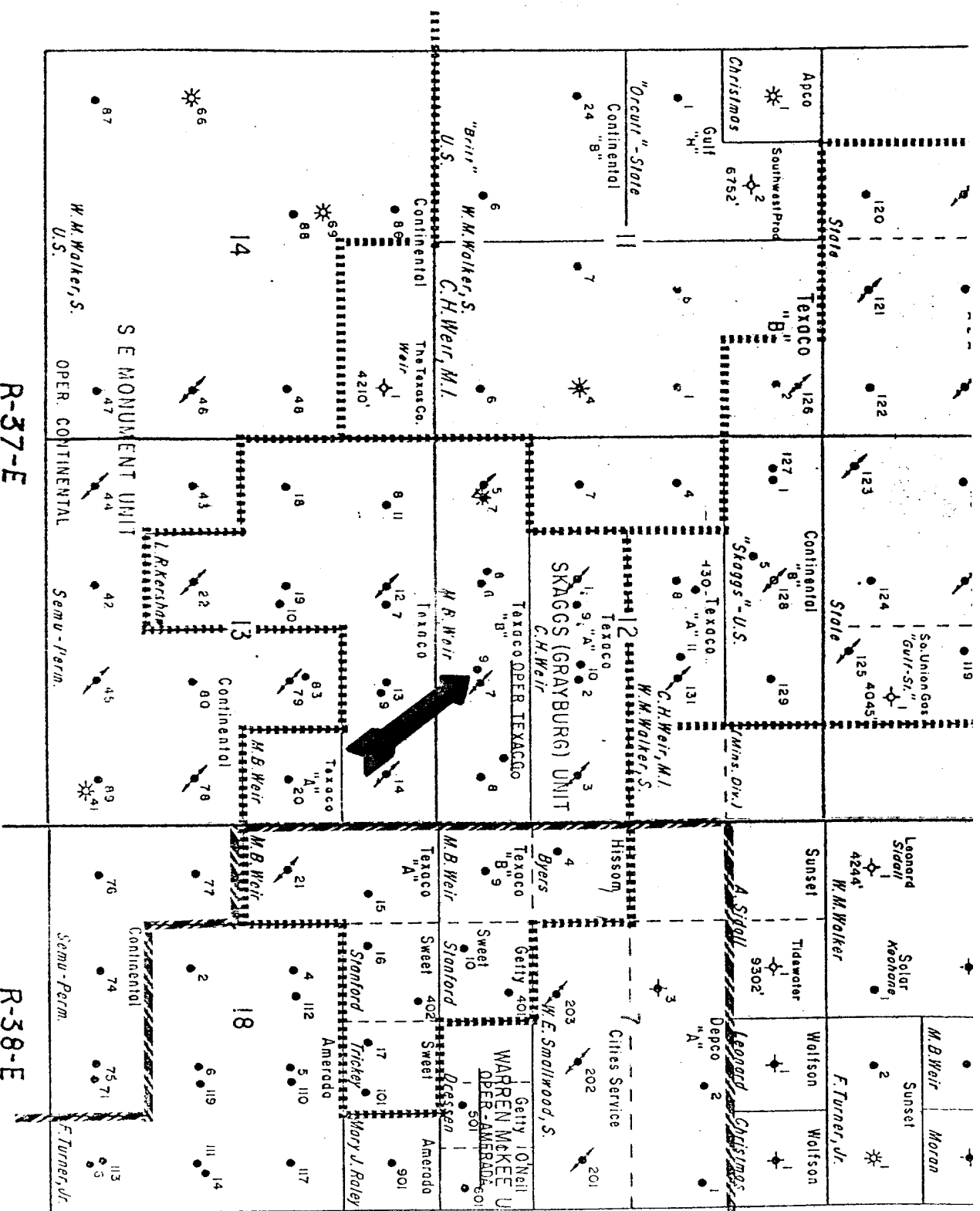
Net (Gain) (~~Loss~~) from Wellbore Commingling - \$/Day 521.82 (30 BOPD increase estimated)
based on current producing rates.

* Estimated from BHP of offset or wells in the field.

OFFSET OPERATOR

Amerada Hess Corporation
Drawer 817
Seminole, Texas 79360

T
20
S



R-37-E

R-38-E

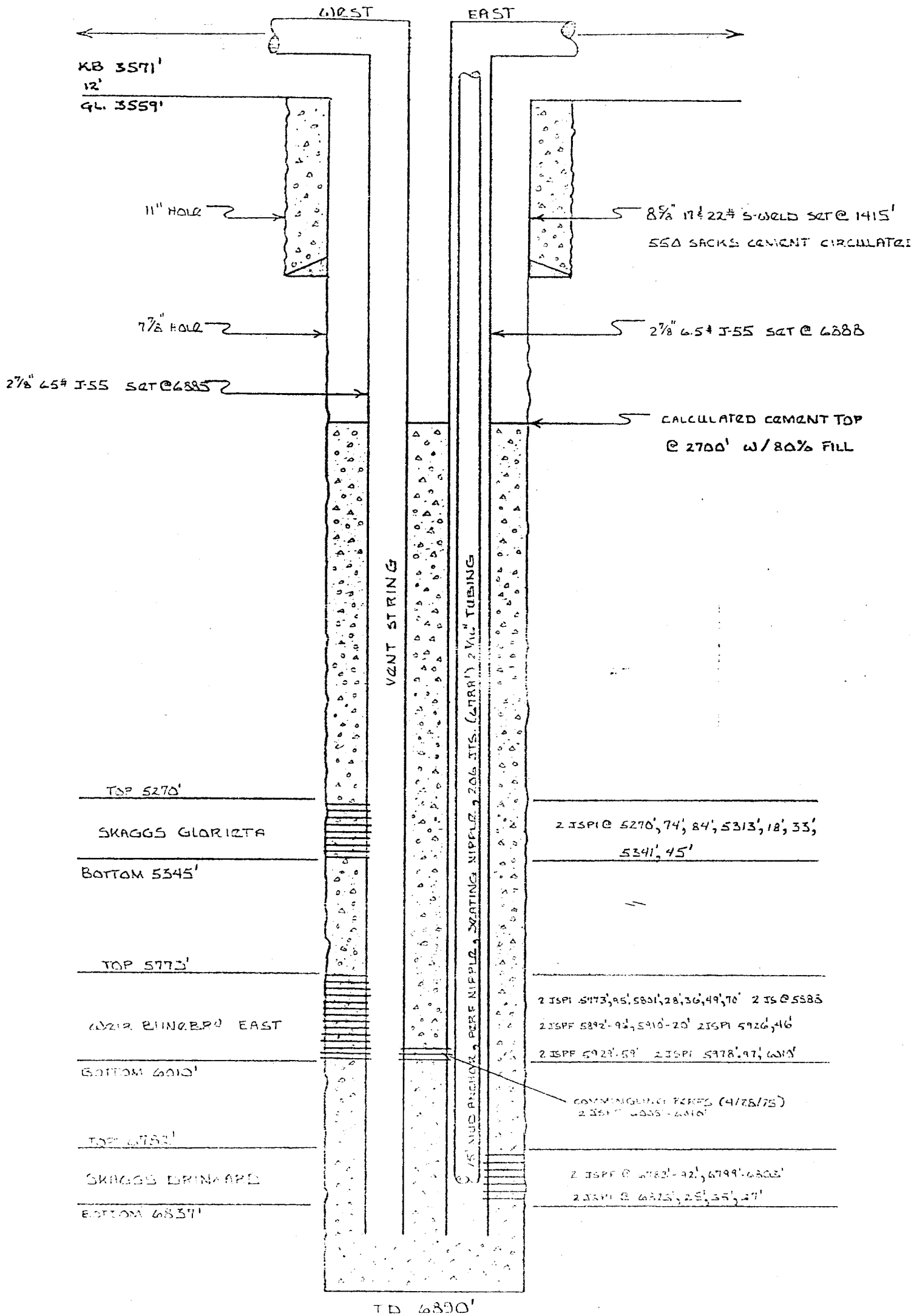
TEXACO'S

M.B. WEIR "B" LEASE

LEA COUNTY, NEW MEXICO

SCALE: 1"=2000'

UNIT BOUNDARY



M.B. WIER 'B' WELL NO 9

PROPOSED WELLBORE DIAGRAM

