

TEXACO
INC.

PETROLEUM PRODUCTS



DRAWER 728

HOBBS, NEW MEXICO 88240

January 6, 1970

WELLBORE COMMINGLING

Vacuum Abo, North and Vacuum Middle Penn.
Lea County, New Mexico

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

NOC - 34

Attention: Mr. A.L. Porter, Jr.

Rec Jan 27

Gentlemen:

TEXACO Inc. respectfully requests administrative approval to commingle, in the wellbore, oil and gas production from the Vacuum Abo, North and Vacuum Middle Penn Pools which are dually completed in New Mexico 'W' State (NCT-1) Well No. 3. The subject well is located in Unit J, Section 13, T-17-S, R-34-E, Lea County, New Mexico. Administrative approval is requested under the provisions of Order No. R-3845 amending Statewide Rule 303.

Both zones in the subject well are classified as oil zones and produce oil and water within the prescribed limits by artificial lift. Fluids from the zones are compatible as evidenced by surface commingling which has been conducted for approximately two years. The value of the commingled fluids will not be reduced as a result of wellbore commingling. All mineral interest ownership is common for both zones. Secondary recovery operations will not be jeopardized by wellbore commingling.

We are attaching a production performance curve, Form C-116, and a data sheet listing all details concerning the well.

A copy of this letter is being furnished all offset operators as shown on the attached list.

Yours, very truly,

W. E. Morgan

W. E. Morgan
District Superintendent

BRH-bh
Attachments

CC: NMOCC - Hobbs
Offset Operators

OFFSET OPERATORS

TEXACO Inc.

NEW MEXICO "W" STATE (NCT-1) LEASE

Mobil Oil Company
P.O. Box 633
Midland, Texas 79701

Pennzoil Company
1007 Midland Savings Bldg.
Midland, Texas 79701

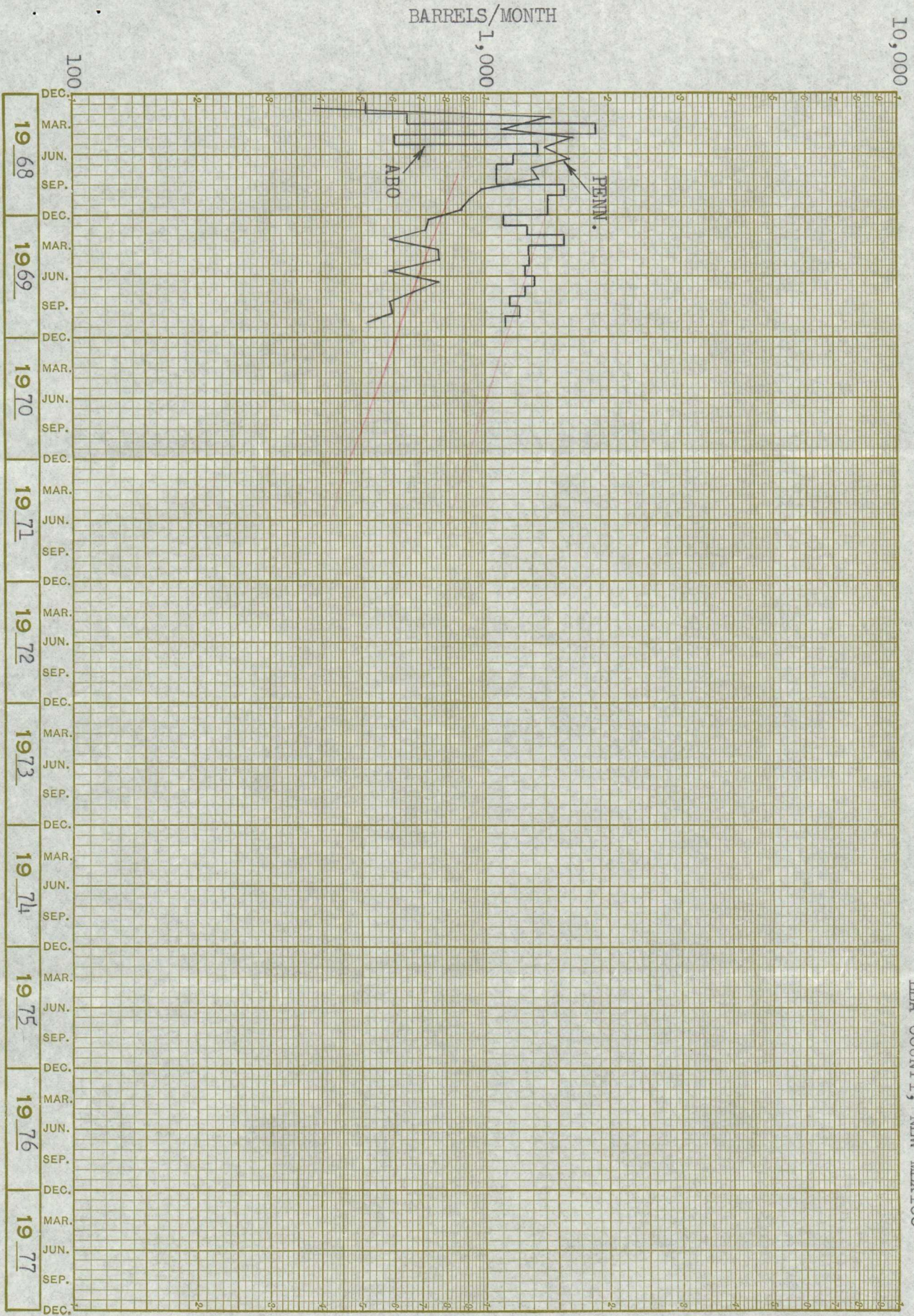
Phillips Petroleum Company
Phillips Building
4th and Washington Streets
Odessa, Texas 79760

Shell Oil Company
P.O. Box 1509
Midland, Texas 79701

N 3157. TEN YEARS BY MONTHS & 3-INCH CIRCLES RATIO ROLING.

GRAPH PAPER
 IN STOCK DIRECT FROM CORDA BOOK CO., INC. NORTHWOOD MASS. 02062
 PRINTED IN U.S.A.

TEXACO Inc.
 PERFORMANCE CURVE
 NEW MEXICO "W" STATE NO. 3
 VACUUM (NORTH ABO & MIDDLE PENN.) FIELD
 LEA COUNTY, NEW MEXICO



1958-59

NEW MEXICO OIL CONSERVATION COMMISSION
GAS-OIL RATIO TESTS

C-116
Revised 1-1-65

Operator		Pool		County												
TEXACO Inc.		Vacuum ABO, North & Vacuum Middle Penn		Lea												
Address		P. O. Box 728, Hobbs, New Mexico 88240		TEST - (X) <input checked="" type="checkbox"/> Scheduled <input type="checkbox"/> Completion <input type="checkbox"/> Special <input checked="" type="checkbox"/>												
LEASE NAME	WELL NO.	LOCATION				DATE OF TEST	STATES	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 BBLs.	GRAV. OIL BBLs.	OIL BBLs.	GAS M.C.F.	
New Mexico "W" State (NCT-1) (Vacuum ABO, North)	3	J	13	17S	34E	1-3-70	P	-	-	40	24	4	39.0	41	23	561
New Mexico "W" State (NCT-1) (Vacuum Middle Penn)	3	J	13	17S	34E	1-4-70	P	-	-	25	24	2	39.1	22	31	1409
These are tests prior to downhole commingling																

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.


Assistant District Superintendent
(Title)

January 6, 1970
(Date)

DATA SHEET FOR WELLBORE COMMINGLING

Operator: TEXACO Inc.

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

Lease and Well No: New Mexico "W" State (NCT-1) No. 3

Location: Unit J; 1880 Feet from the South Line and
2130 Feet from East Line of Section 13;
Township 17-S, Range 34-E; Lea County.

Multiple Completion Order No. MC-1810

WELL DATA

	<u>Upper Pool</u>	<u>Lower Pool</u>
Name of Pool	<u>Vacuum-North Abo</u>	<u>Vacuum-Middle Penn.</u>
Producing Method	<u>Pump</u>	<u>Pump</u>
BHP	<u>900 psi (Est.)</u>	<u>1275 psi (Est.)</u>
Type Crude	<u>Intermediate Sweet</u>	<u>Intermediate Sweet</u>
Gravity	<u>39.0°</u>	<u>39.1</u>
GOR Limit	<u>2000:1</u>	<u>2000:1</u>
Completion Interval	<u>8546' - 8587'</u>	<u>10,472' - 10,488'</u>
Current Test Date	<u>January 3, 1970</u>	<u>January 4, 1970</u>
Oil	<u>41</u>	<u>22</u>
Water	<u>4</u>	<u>2</u>
GOR	<u>561</u>	<u>1409</u>
Selling Price of Crude-\$/BBL.	<u>\$3.34</u>	<u>\$3.34</u>
Daily Income - \$/Day	<u>\$136.94</u>	<u>\$73.48</u>

COMMINGLED DATA:

Gravity of Commingled Crude 39.0°

Selling Price of Commingled Crude - \$/BBL. \$3.34

Daily Income - \$/Day \$210.42

Net (Gain) (Loss) From Wellbore Commingling - \$/Day 0.00
based on current producing rates.