



PETROLEUM PRODUCTS

August 13, 1974

TEXACO INC.
DRAWER 728
HOBBS, NEW MEXICO 88240

New Mexico Oil Conservation Commission
Post Office Box 2088
Santa Fe, New Mexico 87501

RE: WELLBORE COMMINGLING
C. P. FALBY "A" FEDERAL WELL NO. 1
BLINEBRY AND DRINKARD POOLS
LEA COUNTY, NEW MEXICO

ATTENTION: MR. A. L. PORTER, JR.

Gentlemen:

TEXACO INC. requests administrative approval to commingle in the wellbore oil production from the Blinebry and Drinkard pools in Well No. 1 on the C. P. Falby "A" Lease located in Section 8, Township 22 South, Range 37 East, Lea County, New Mexico.

The subject well is presently flowing from the Drinkard zone. Upon approval of this application an attempt will be made to complete in the Blinebry zone and commingle downhole with the Drinkard zone. Both zones will be classified as oil zones. The Blinebry zone is expected to flow; therefore, production after commingling will not require artificial lift. The fluids from these two reservoirs are known to be compatible. Ownership of the minerals in both zones is common, and the value of the commingled fluids is not less than the total value of the fluids if they were marketed separately. Secondary operations will not be jeopardized by approval of this application.

A data sheet is attached listing all required data for the Drinkard and proposed Blinebry zones. Also attached is a production decline curve for the Drinkard zone, diagrammatic sketches of the wellbore showing the present completion and proposed completion and a bottom hole pressure survey. A well test is included as submitted on Form C-116.

Copies of this application are being mailed to each of the offset operators shown on the attached list and to the USGS.

Your cooperation in this matter will be appreciated.

Yours very truly,

J. V. Gannon
J. V. GANNON

District Superintendent

JBS:ls
EAS, JR.
✓NMOCC - Hobbs
USGS
Offset Operators

DATA SHEET FOR WELLBORE COMMINGLING

Operator: TEXACO INC.

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

Lease and Well No: C. P. Falby "A" Federal No. 1

Location: Unit C; 660 Feet from the North Line and
1980 Feet from West Line of Section 8;
Township 22-S, Range 37-E; Lea County.

WELL DATA

	<u>Upper Pool</u>	<u>Lower Pool</u>
Name of Pool	<u>Blinebry (Proposed)</u>	<u>Drinkard</u>
Producing Method	<u>--</u>	<u>Flow</u>
BHP	<u>500 (Est.)</u>	<u>800</u>
Type Crude	<u>Sweet</u>	<u>Sweet</u>
Gravity	<u>*36.0</u>	<u>*36.0</u>
GOR Limit	<u>4,000</u>	<u>6,000</u>
Completion Interval	<u>**Below 5550'</u>	<u>6470'-6565'</u>
Current Test Date	<u>--</u>	<u>7-28-74</u>
Oil	<u>20 (Est.)</u>	<u>11</u>
Water	<u>5 (Est.)</u>	<u>0</u>
GOR	<u>8,000 (Est.)</u>	<u>4,824</u>
Selling Price of Crude-\$/BBL.	<u>5.25</u>	<u>5.25</u>
Daily Income - \$/Day	<u>--</u>	<u>57.75</u>

COMMINGLED DATA:

Gravity of Commingled Crude 36.0
Selling Price of Commingled Crude - \$/BBL. 5.25
Daily Income - \$/Day 162.75

Net (Gain) ~~XXXX~~ From Wellbore Commingling - \$/Day 105.00 (Production increase of
based on current producing rates. 20 BOPD)

* Surface commingled

** To be picked from log

NEW MEXICO OIL CONSERVATION COMMISSION
GAS-OIL RATIO TESTS

C-116
Revised 1-1-65

Operator TEXACO INC.		Pool Drinkard		County Lea											
Address P. O. Box 728 - Hobbs, New Mexico 88240		TYPE OF TEST - (X)		Completion ☐ Special ☒											
LEASE NAME	WELL NO.	LOCATION			DATE OF TEST	CHOKE SIZE	TBG. PRESS.	DAILY ALLOWABLE	LENGTH OF TEST HOURS	PROD. DURING TEST			GAS - OIL RATIO CU.FT./BBL.		
		U	S	T						R	WATER BBLs.	GRAV. OIL		OIL BBLs.	GAS M.C.F.
C. P. Falby "A" Federal	1	C	8	22-S	37-E	7-28-74	F 30/64	120	17	24	0	36.0	11	53	4818

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)
 July 29, 1974
 (Date)



COLEMAN PETROLEUM ENGINEERING COMPANY

PHONE 393-3913

3713 W. MARLAND ST.

P. O. BOX 1829

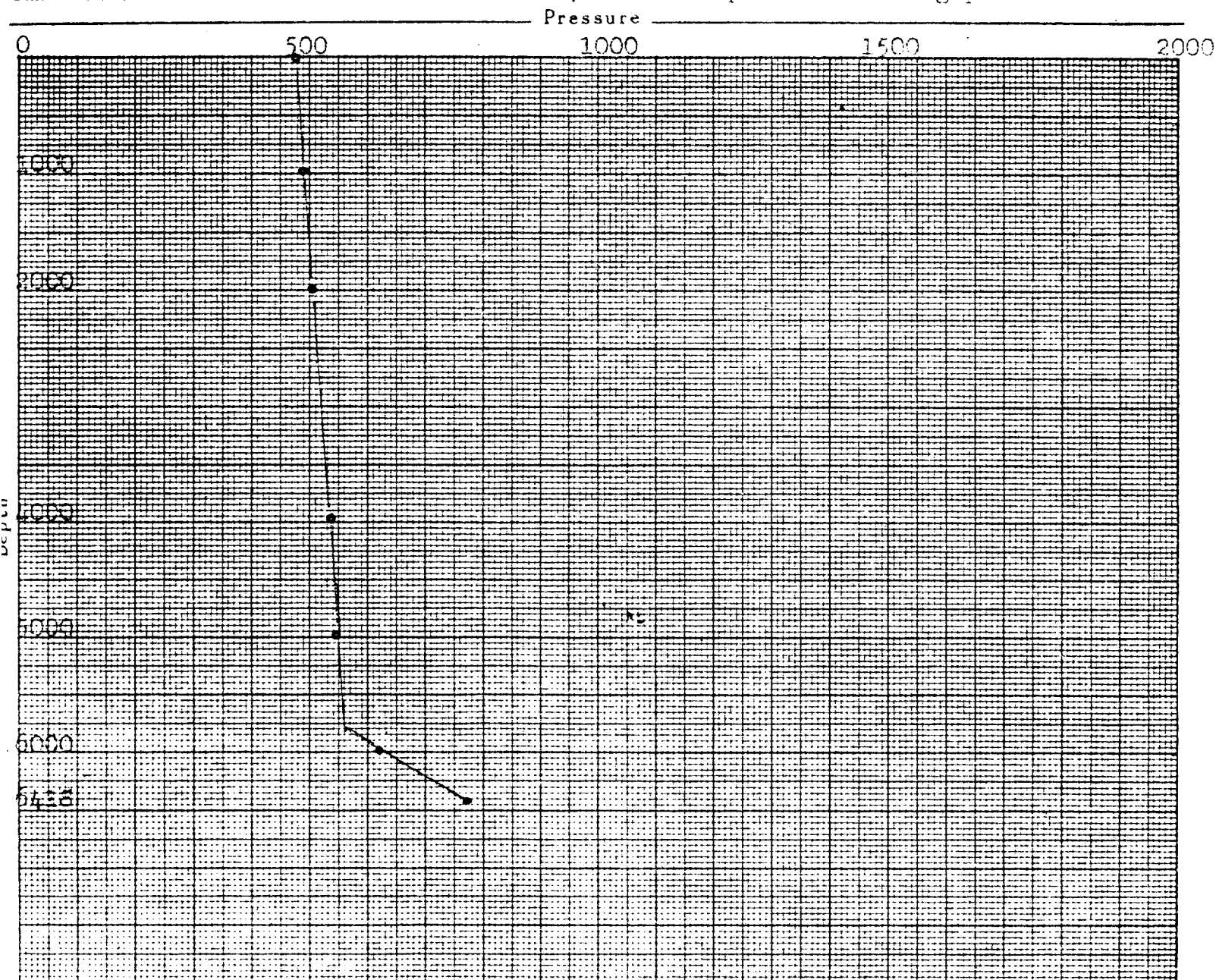
HOBBS, NEW MEXICO 89240

BOTTOM HOLE PRESSURE RECORD

OPERATOR Texaco, Inc.
FIELD Drinkard FORMATION Drinkard
LEASE C.P. Falby A Federal Well No. 1
COUNTY Lea STATE New Mexico
DATE 6-27-74 TIME 1:30 Pm
Status Shut In Test depth 6418'
Time S. 127.0 Hrs Last test date -
Tub Pres. 473 BHP last test -
Cas. Pres. PKR BHP change -
Elev. 3435' DF Fluid top 5829'
Datum (-3083') ** Water top NONE
Temp. @ 105°F Run by Adkins
Cal. No. A4586N Chart No. 2

Depth	Pressure	Gradient
0	473	-
1000	487	.014
2000	502	.015
4000	532	.015
5000	547	.015
6000	619	.072
6418+	765	.349
6518(-3083)	800* **	(.349)

+ Dummy Bomb to 6425'
* Extrapolated pressure
** Mid point of casing perforations



OFFSET OPERATORS

Amoco Production Co.
Bel Aire Building
Hobbs, New Mexico 88240

W. B. Yarborough
202 V & J Tower
Midland, Texas 79701

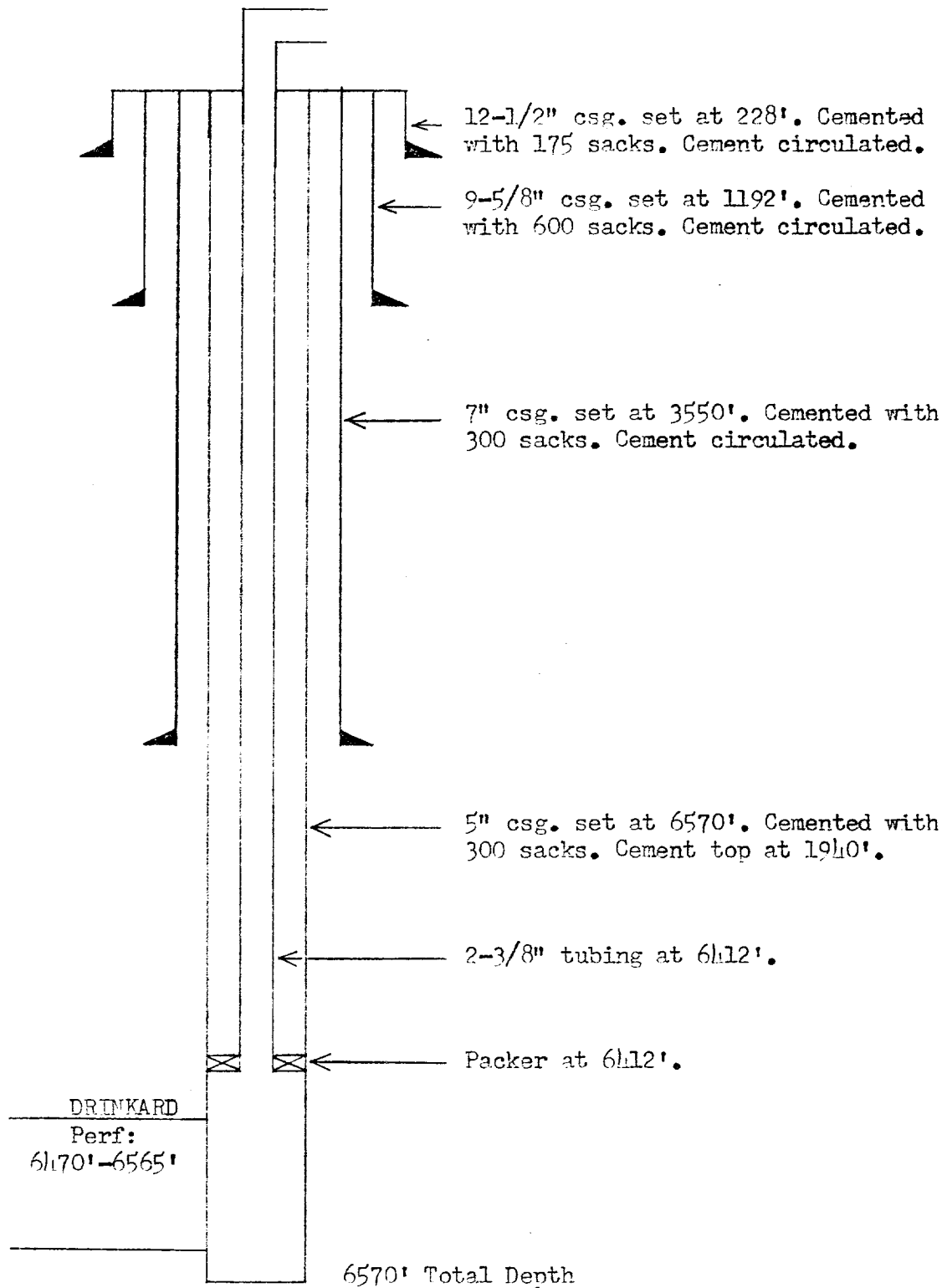
Shell Oil Co.
P. O. Box 1509
Midland, Texas 79701

Texas Pacific Oil Co. Inc.
P. O. Box 4067
Midland, Texas 79701

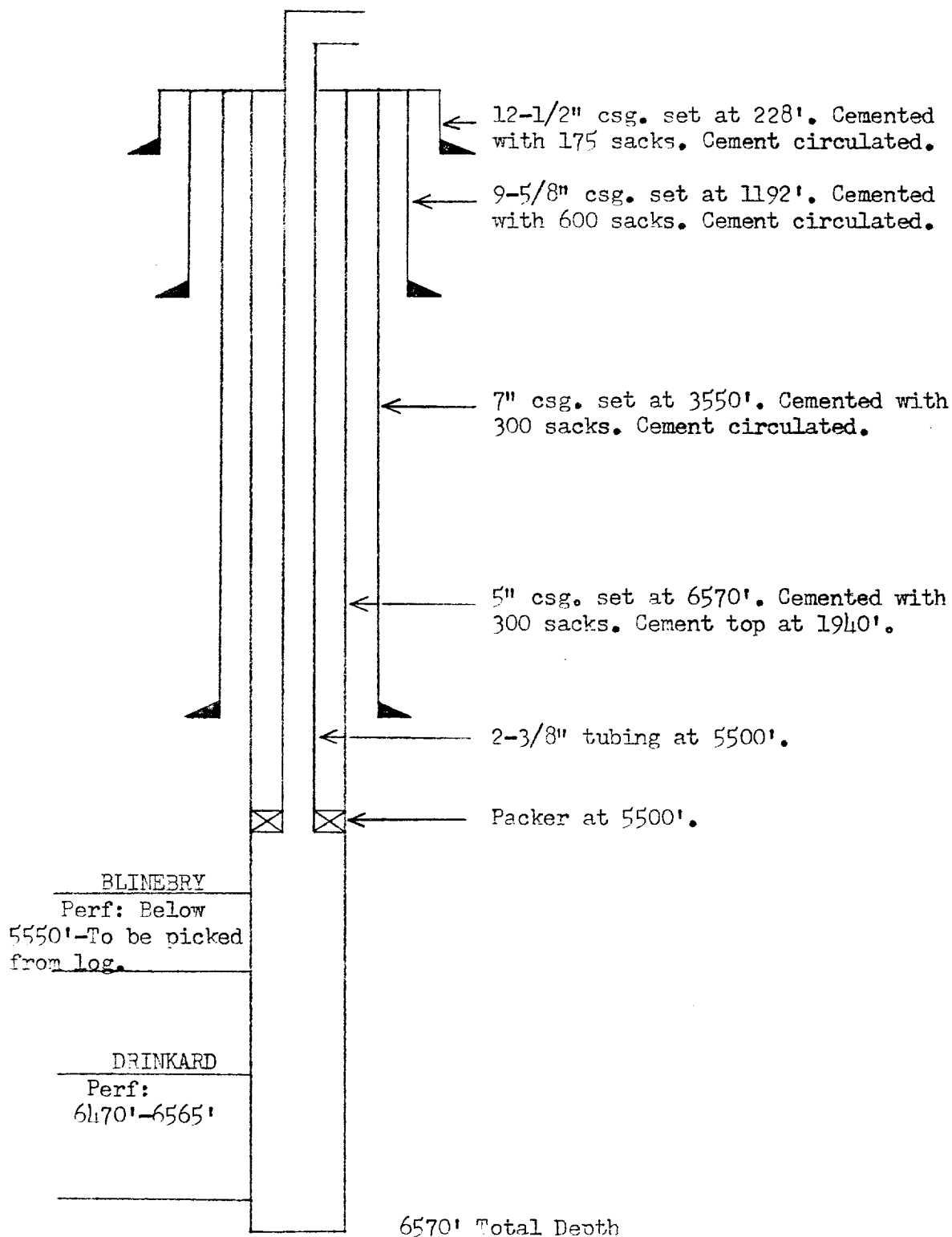
Cities Service Oil Co.
800 Vaughn Building
Midland, Texas 79701

Continental Oil Co.
P. O. Box 431
Midland, Texas 79701

Marathon Oil Co.
P. O. Box 2409
Hobbs, New Mexico 88240



Present Completion
 TEXACO INC.
 C.P. FAIRY "A" FEDERAL NO. 1
 DRINKARD POOL
 LEA COUNTY, NEW MEXICO



Proposed Completion
 TEXACO INC.
 C.P. FALBY "A" FEDERAL NO. 1
 BLINEBRY AND DRINKARD POOLS
 LEA COUNTY, NEW MEXICO

1000

TEXACO INC. MIDLAND DIVISION

Performance Curve

C.P. FALBY "A" NO. 1
DRINKARD POOL
LEA COUNTY, NEW MEXICO

DRAWN BY: JBS DATE: 8-13-74

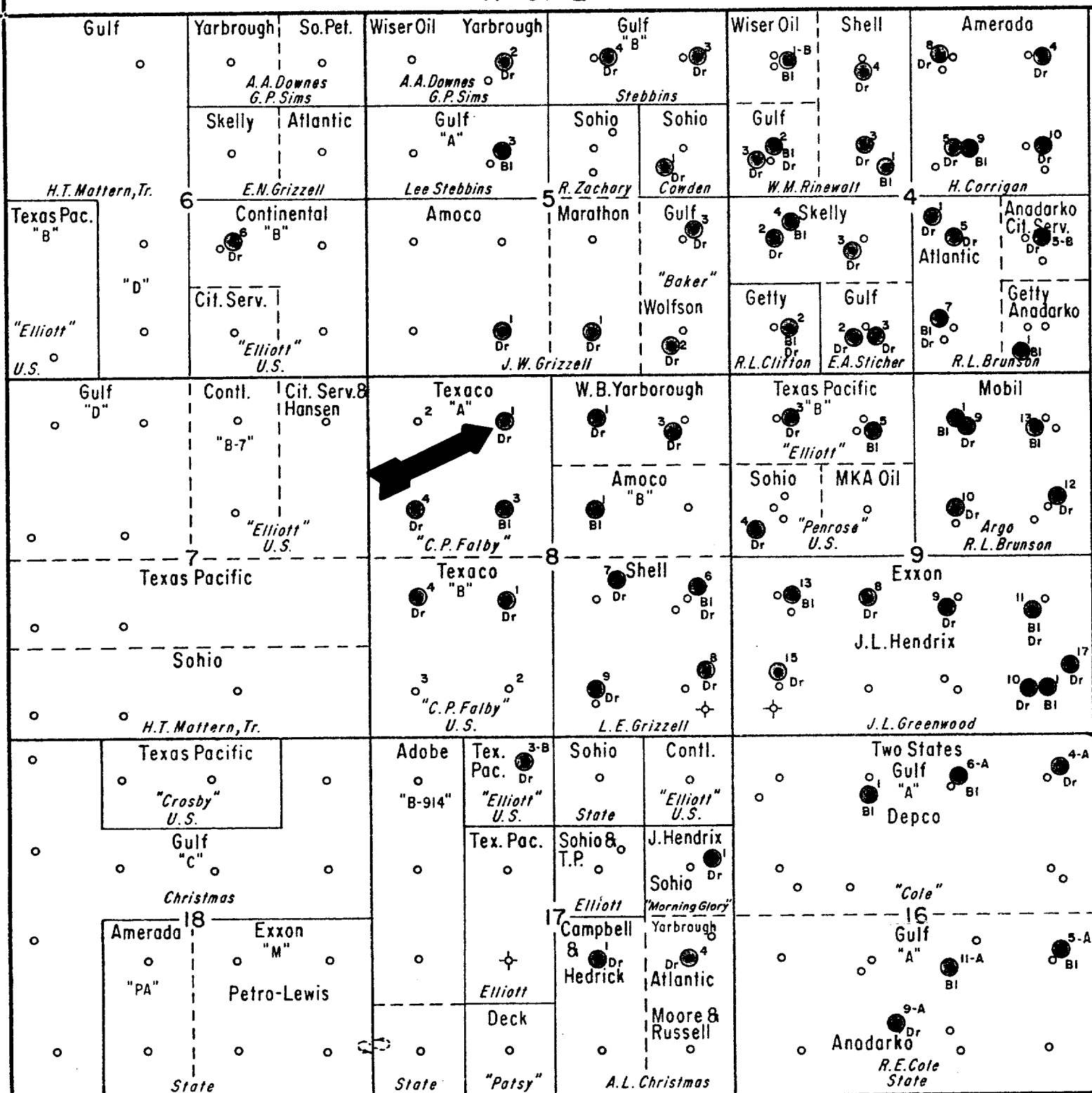
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OIL PRODUCTION
BBLS/DAY

10

1

19 65 19 66 19 67 19 68 19 69 19 70 19 71 19 72 19 73 19 74 19 75



LEGEND:

- - BLINBERRY COMPLETION
- BI
- - DRINKARD COMPLETION
- Dr
- - COMPLETION IN OTHER ZONE

TEXACO Inc.
C. P. FALBY LEASE
BLINBERRY & DRINKARD POOLS
LEA COUNTY, NEW MEXICO
Scale: 1" = 2,000'
JBS/FMR 6-14-74