



PETROLEUM PRODUCTS

April 4, 1979

TEXACO INC.
DRAWER 728
HOBBS, NEW MEXICO 88240

DOWNHOLE COMMINGLING

C. P. FALBY "A" FEDERAL LEASE
WELL NO. 1
BLINEBRY & DRINKARD FIELDS
LEA COUNTY, NEW MEXICO

DHC # 277
Due - 4/25/79

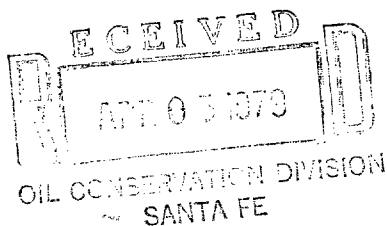
State of New Mexico
Department of Energy and Minerals
Oil Conservation Division
P. O. Box 2088
Santa Fe, New Mexico, 87501

Attention: Mr. Joe D. Ramey
Secretary-Director

Gentlemen:

TEXACO Inc. respectfully requests Administrative approval to commingle production from the Blinebry and Drinkard pools in the wellbore of the C. P. Falby "A" Federal Well No. 1 in accordance with NMOCC Rule 303-C. No order authorizing dual completion was issued for this well as it has been operated as a single completion.

The attached "Data Sheet for Wellbore Commingling" contains the data required by Rule 303-C (a, b, f, g, and h). Form C-116 showing the current test for the Blinebry and the most recent test for the Drinkard is attached. Decline curves for each zone, a plat of the subject lease, and wellbore diagrams of the existing and proposed completions are attached. Special consideration of this application with regard to the requirements for current tests and measured bottom hole pressure from the Drinkard is requested because of the well's marginal status and because the Drinkard is shut in below a bridge plug.



State of New Mexico
Dept. of Energy & Minerals

- 2 -

April 4, 1979

Approval to downhole commingle the Blinebry and Drinkard pools has been previously obtained for Texaco's A. H. Blinebry Federal NCT-1 Wells No. 19 and 22 under NMOCC Orders DHC-54 and DHC-132, respectively, and the subject well under Order DHC-159. It is requested that Order DHC-159 be cancelled.

Commingled production from this well will be artificially lifted. It is recommended that 30 percent of the commingled oil and 30 percent of the gas be assigned to the Blinebry with 70 percent of the oil and 70 percent of the gas assigned to the Drinkard in accordance with the well tests and decline curves.

Ownership of the two zones is common throughout. Commingling will not jeopardize the efficiency of any secondary recovery operations. All Offset Operators (list attached) and the U.S.G.S. have been notified of this application by copy of this letter.

Yours very truly,

TEXACO INC.
PRODUCING DEPARTMENT-CENTRAL U. S.

J. V. Gannon
J. V. Gannon

District Superintendent

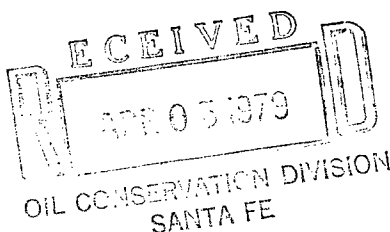
SWS:JEB

Attachments

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

U. S. Geological Survey
P. O. Box 1157
Hobbs, New Mexico, 88240

*Since new perforations
will be made in Drinkard, let
Hobbs set allocation.
Cancel DHC-159*



Bottom pf 6565

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' FNL and 1980' FWL, Section 8, T-22-S, R-37-E, Lea County.**

WELL DATA

	<u>Upper Pool</u>	<u>Middle Pool</u>	<u>Lower Pool</u>
Name of Pool	<u>Blinebry</u>		<u>Drinkard</u>
Producing Method	<u>Pumping</u>		<u>SI-O</u>
BHP	<u>700</u>		<u>800</u>
Type Crude	<u>Sweet</u>		<u>Sweet</u>
Gravity	<u>34.7</u>		<u>34.7</u>
GOR Limit	<u>4000</u>		<u>6000</u>
Completion Interval	<u>5508-5840</u>		<u>6310-6450*</u> <u>6470-6565</u>
Current Test Date	<u>1-31-79</u>		<u>5-12-75**</u>
Oil	<u>3</u>		<u>9</u>
Water	<u>3</u>		<u>2</u>
GOR	<u>8000</u>		<u>6444</u>

Selling Price of Crude -
\$/BBL.

14.66

14.66

Daily Income - \$/Day

43.98

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COMMINGLED DATA:

Gravity of Commingled Crude 34.7

Selling Price of Commingled Crude - \$/BBL. 14.66

Daily Income - \$/Day 410.48

Net (Gain) (Loss) from Wellbore Commingling - \$/Day 366.50 (Production increase of 25 BOPD)
based on current producing rates.

* Additional Drinkard pay to be opened.

** Last test.

C116
Revised 1-1-65

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.

Asst. District Superintendent

April 4, 1979

(Due)

100

9

8

7

6

5

4

3

2

1

0.1

0.2

0.3

0.4

0.5

0.6

0.7

0.8

0.9

1.0

2

3

4

5

6

7

8

9

10

20

30

40

50

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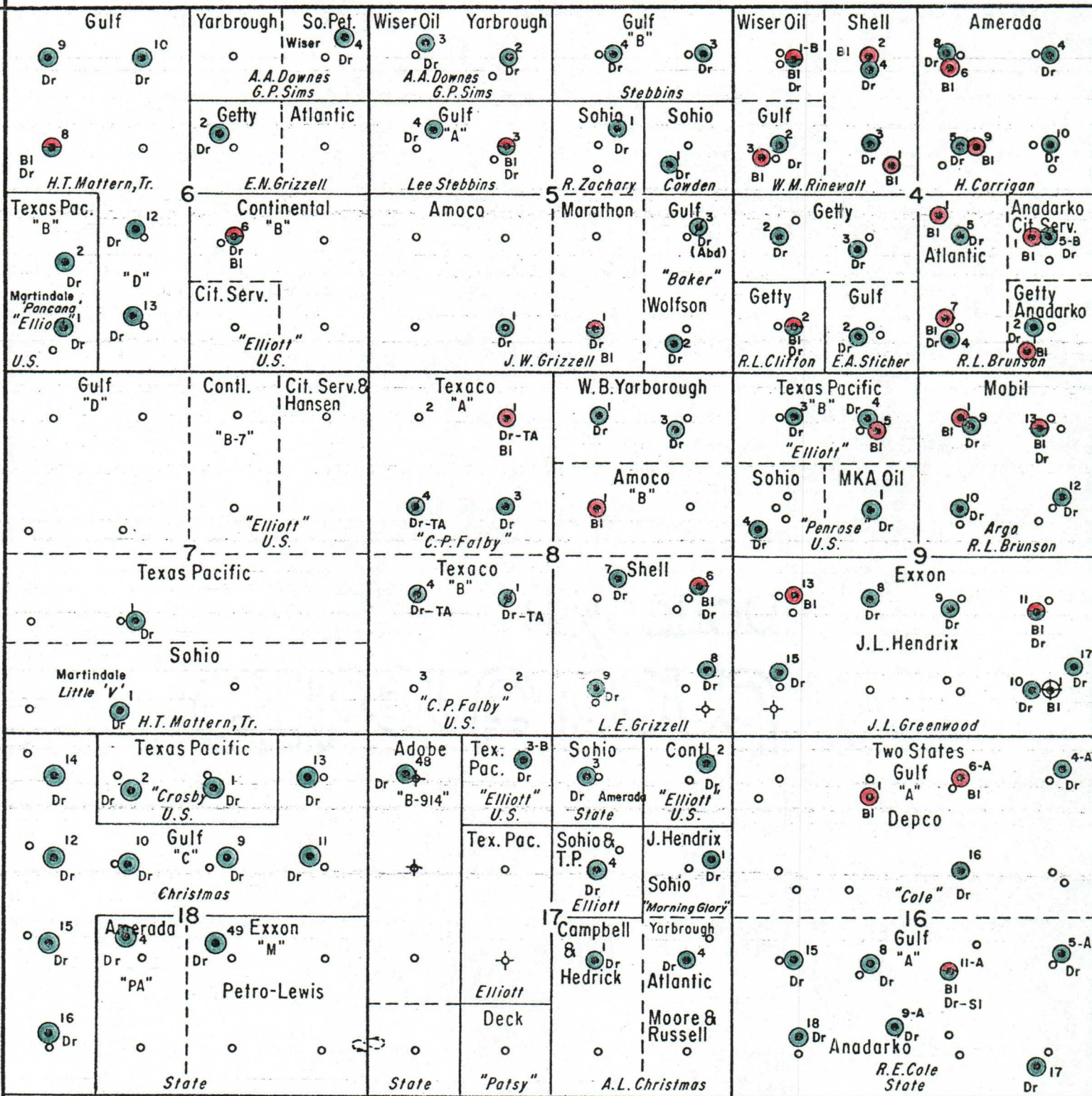
OIL PRODUCTION
(BBLs/DAY)

RECOMPLETED FROM
DRINKARD TO BLINEBRY

TEXACO Inc.
C.P. FALBY "A" FED NO. 1
BLINEBRY FIELD
LEA COUNTY, NEW MEXICO

Mar.	June	Sept.	Dec.	Mar.	June	Sept.	Dec.	Mar.	June	Sept.	Dec.	Mar.	June	Sept.	Dec.	Mar.	June	Sept.	Dec.	Mar.	June	Sept.	Dec.	Mar.	June	Sept.	Dec.	Mar.	June	Sept.	Dec.								
19	74			19	75			19	76			19	77			19	78			19	79			19	80			19	81			19	82			19	83		

R-37-E

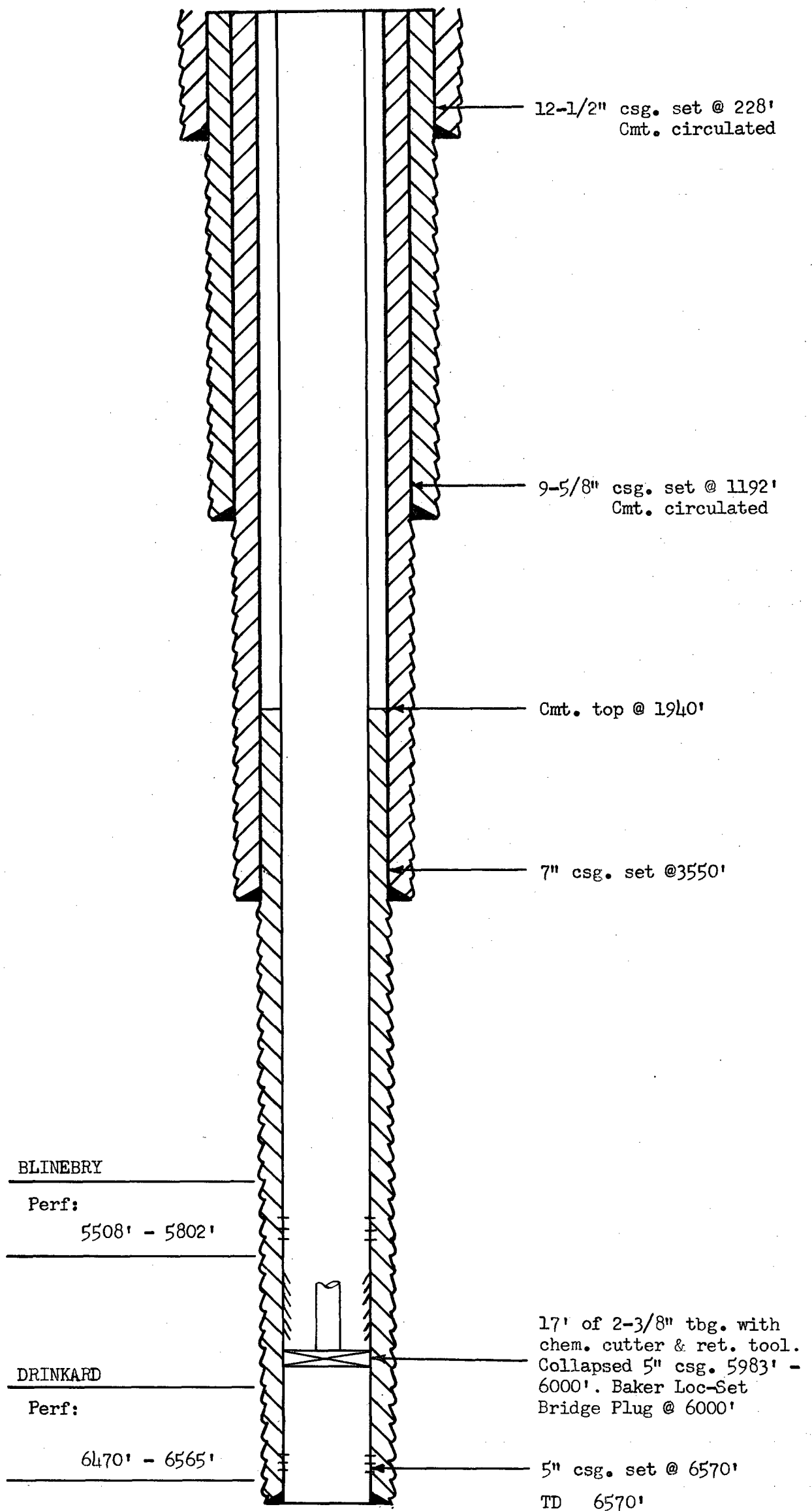


LEGEND:

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

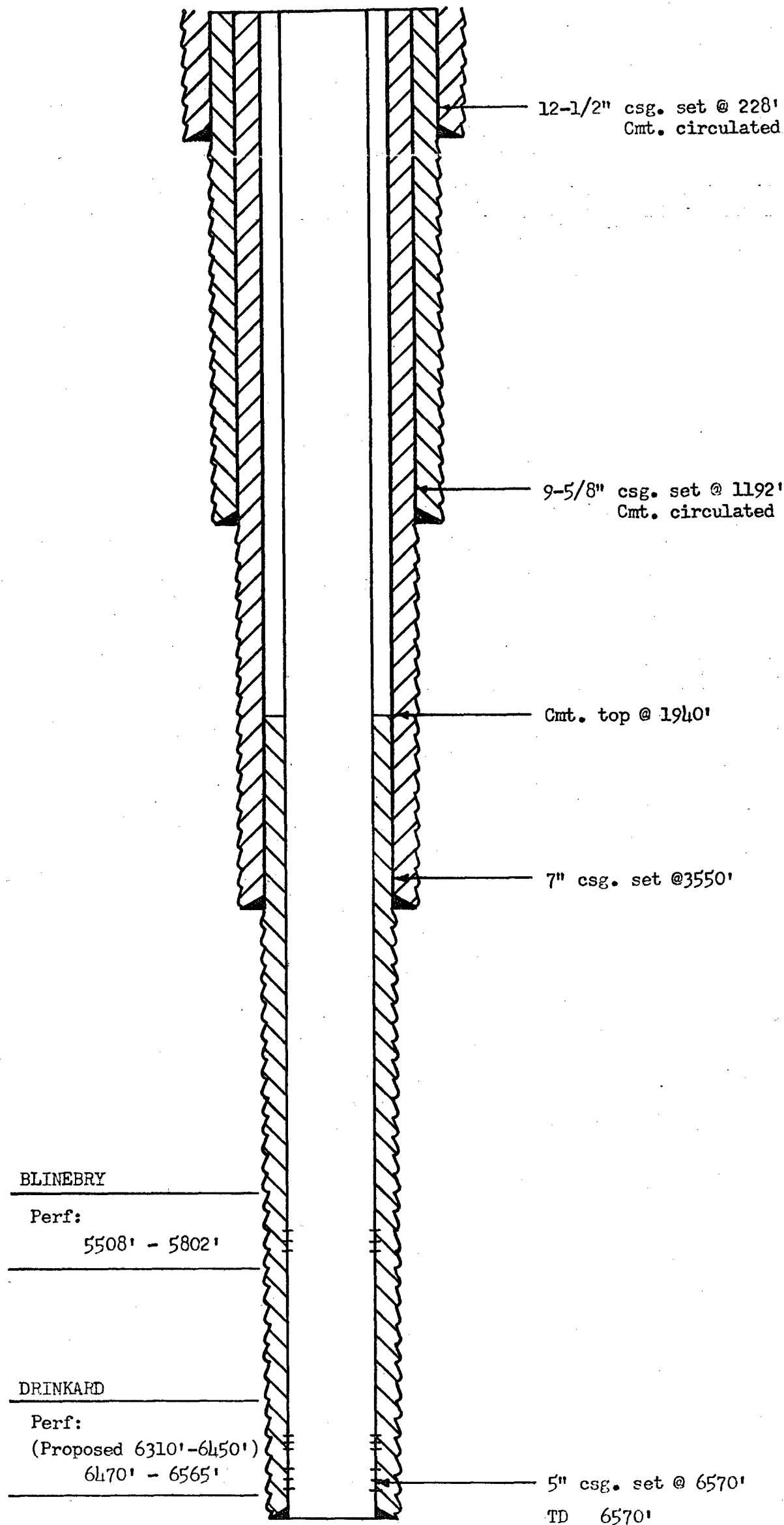
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APR 05 1979
OIL CONSERVATION DIVISION
SANTA FE

TEXACO Inc.
C. P. FALBY LEASE
BLINBRY & DRINKARD POOLS
LEA COUNTY, NEW MEXICO
Scale: 1" = 2,000'
JBS/FMR 6-14-74
CRC Rev. 4-3-79



PRESENT COMPLETION
 TEXACO Inc.
 C.P. FALBY "A" FED. NO. 1
 BLINEBRY & DRIKARD FIELDS
 LEA COUNTY, NEW MEXICO

SWS/CRC 4-2-79



PROPOSED WELLBORE COMINGLING
 TEXACO Inc.
 C.P. FALBY "A" FED. NO. 1
 BLINEBRY & DRIKARD FIELDS
 LEA COUNTY, NEW MEXICO

SWS/CRC 4-2-79

OFFSET OPERATORS

Amoco Production Company
Bel Aire Building
Hobbs, New Mexico 88240

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

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

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

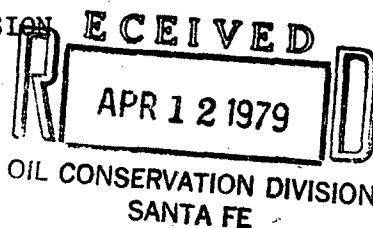
Cities Service Oil Company
800 Vaughn Building
Midland, Texas 79701

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

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

OIL CONSERVATION COMMISSION
Hobbs DISTRICT

OIL CONSERVATION COMMISSION
BOX 2088
SANTA FE, NEW MEXICO



DATE April 6, 1979

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

Gentlemen:

I have examined the application dated _____
for the Texaco Inc. C. P. Falby "A" Fed. No. 1-C 8-22-37
Operator Lease and Well No. Unit, S-T-R

and my recommendations are as follows:

O.K.---J.S.

Yours very truly,

Jerry Webb