



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

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.

RECEIVED

APR 5 1979

OIL CONSERVATION COMM.  
HOBBS, N. M.

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  
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

DA 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.	<u>14.66</u>		<u>14.66</u>
Daily Income - \$/Day	<u>43.98</u>		<u>--</u>

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.



NEW MEXICO OIL CONSERVATION COMMISSION  
GAS-OIL RATIO TESTS

C-116  
Revised 1-1-65

Operator <b>TEXACO Inc.</b>		Pool <b>Blinebry and Drinkard</b>		County <b>Lea</b>	
Address <b>P. O. Box 728, Hobbs, New Mexico 88240</b>				TYPE OF TEST - (X) <input checked="" type="checkbox"/> TEST - (X)	
LEASE NAME		WELL NO.		SCHEDULED <input type="checkbox"/> COMPLETION <input type="checkbox"/> SPECIAL <input checked="" type="checkbox"/>	
		LOCATION U S T R		DATE OF TEST	
				STATES	
				CHOKE SIZE	
				TBG. PRESS.	
				DAILY ALLOW-ABLE	
				LENGTH OF TEST HOURS	
				WATER BGLS.	
				PROD. DURING TEST GRAV. OIL BGLS.	
				GAS M.C.F.	
				GAS - OIL RATIO CU.FT./BBL	
<b>C. P. Falby "A" Federal</b>		<b>1</b>			
<b>Blinebry</b>		<b>C 8</b>			
<b>Drinkard</b>		<b>22S 37E</b>			
				<b>9/03/78 P</b>	
				<b>5/12/75 F</b>	
				<b>32/64 150</b>	
				<b>2 24 24</b>	
				<b>1 34.7 3</b>	
				<b>2 34.7 9</b>	
				<b>.34 11333</b>	
				<b>6444</b>	

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.

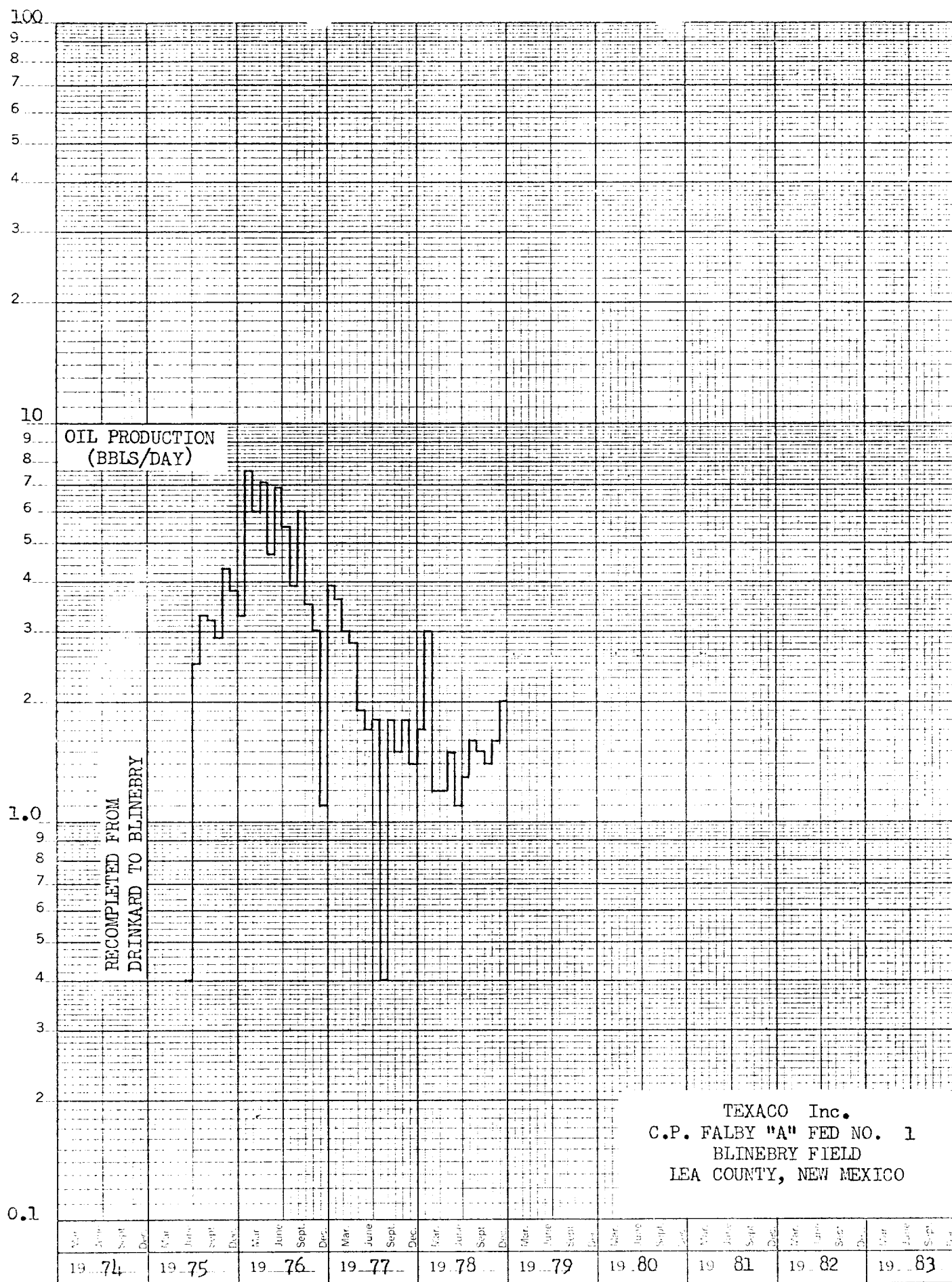
Gas volumes must be reported in MCF measured at a pressure base of 15.025 psia and a temperature of 60° F. Specific gravity base will be 0.60.

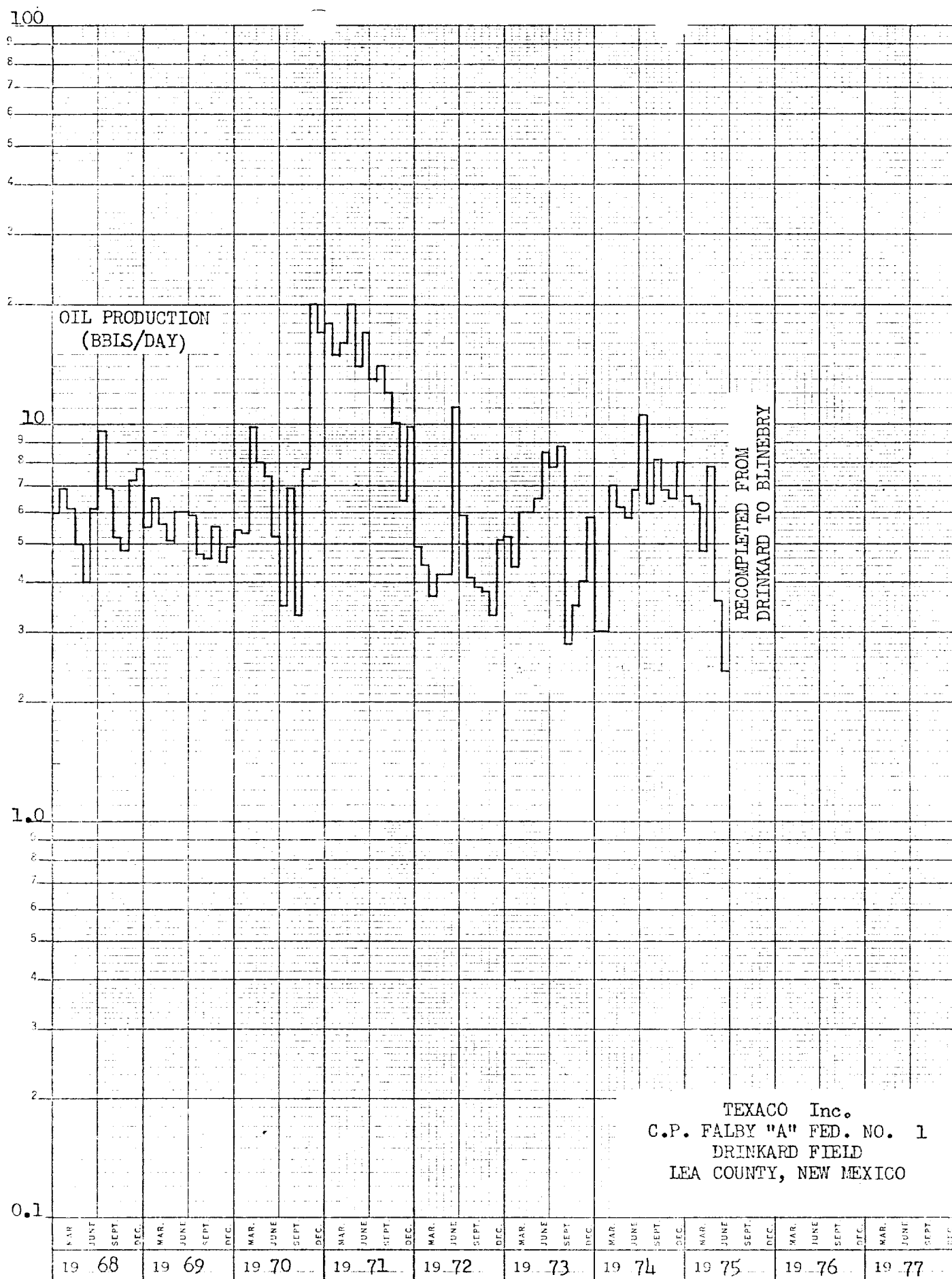
Report casing pressure in lieu of tubing pressure for any well producing through casing.

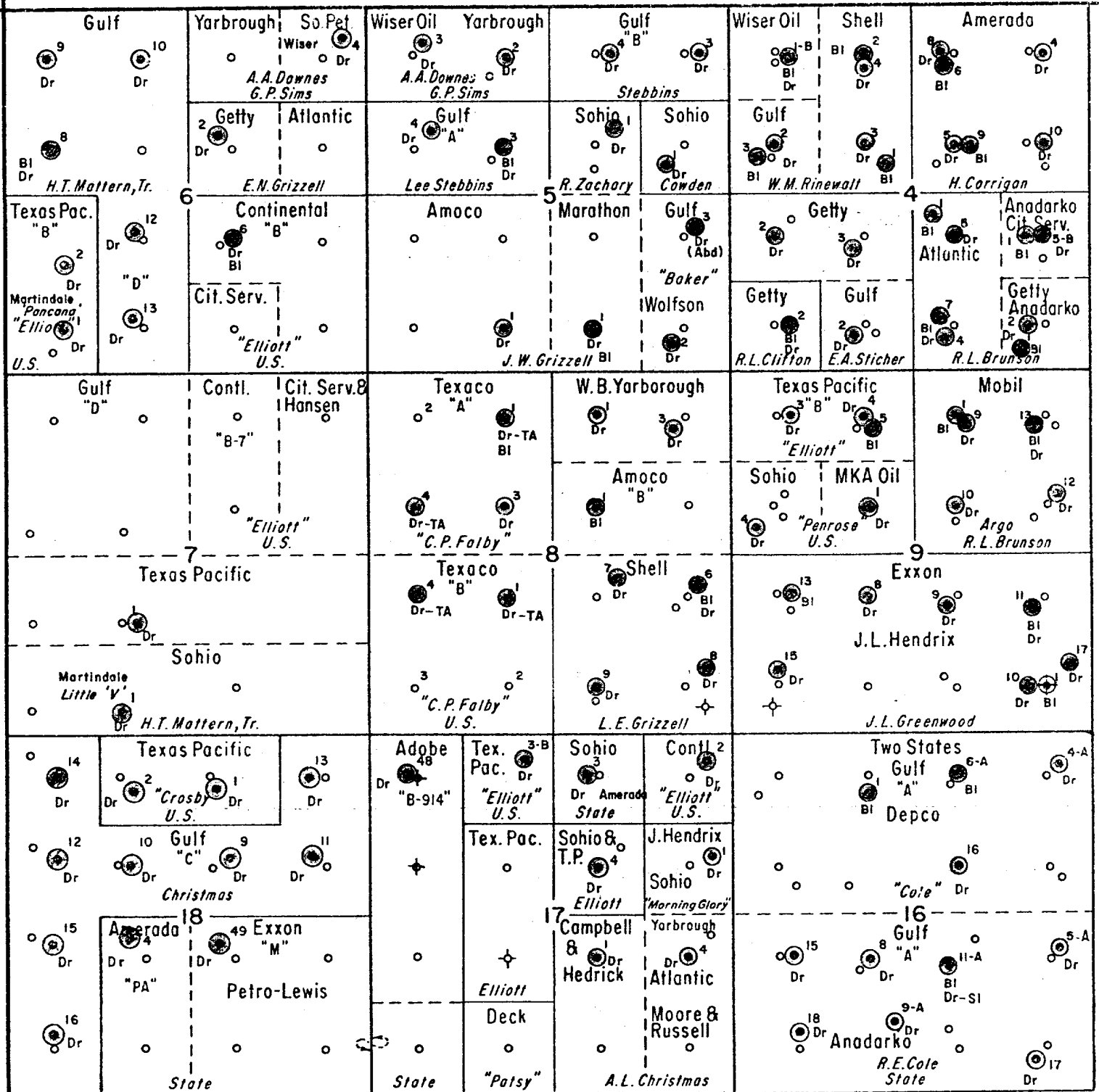
Well original and one copy of this report to the district office of the New Mexico Oil Conservation Commission in accordance with Rule 301 and appropriate pool rules.

I hereby certify that the above information is true and complete to the best of my knowledge and belief.

*[Signature]*  
(Signature)  
**Asst. District Superintendent**  
(Title)  
**April 4, 1979**  
(Date)





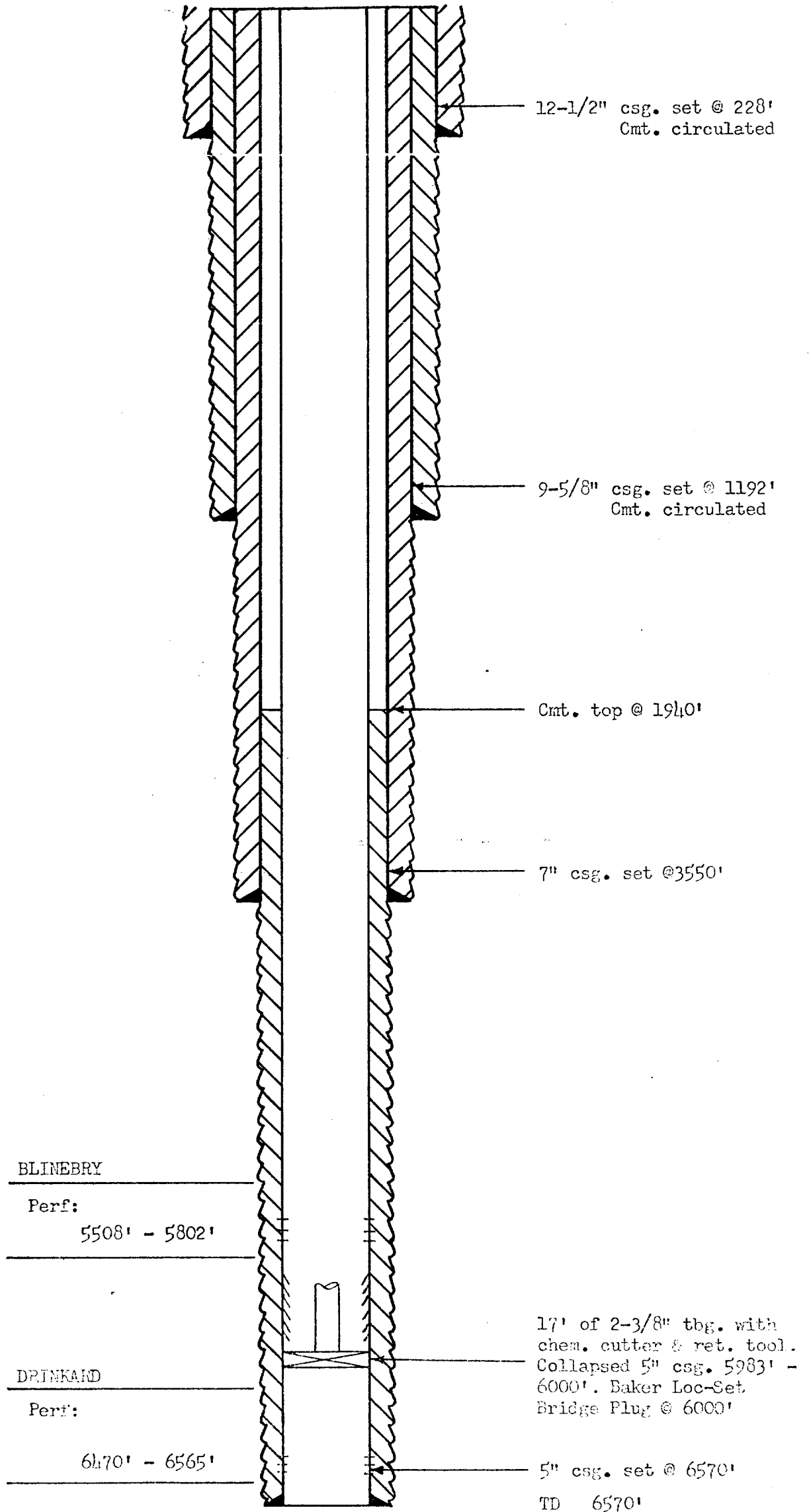
T  
22  
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## LEGEND:

- - BLUEBERRY COMPLETION
- BI - DRINKARD COMPLETION
- - COMPLETION IN OTHER ZONE

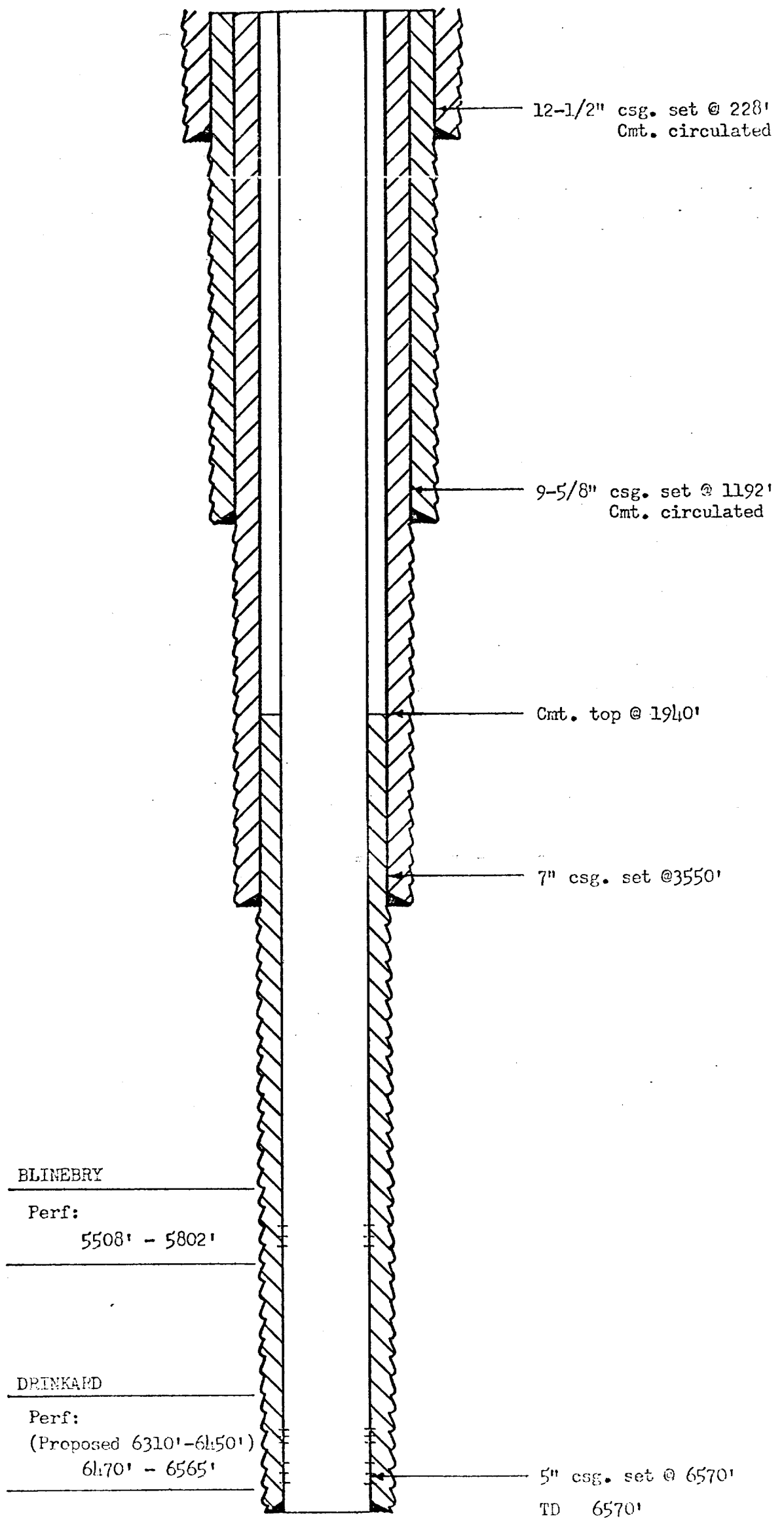
TEXACO Inc.  
C. P. FALBY LEASE  
BLUEBERRY & DRINKARD FIELDS  
LEA COUNTY, NEW MEXICO  
Scale: 1" = 2,000'  
JRS/FMR 6-11-74  
CRC Rev. 4-3-79





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