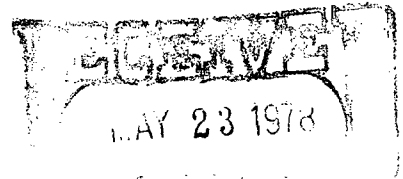




PETROLEUM PRODUCTS

May 19, 1978



TEXACO INC.
DRAWER 728
HOBBS, NEW MEXICO 88240

DHC - 244
Due - 6/12/78

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

RE: DOWNHOLE COMMINGLING
A. H. Blinebry Federal
(NCT-1) Well No. 40

ATTENTION: MR. JOE D. RAMEY
SECRETARY-DIRECTOR

Gentlemen:

Texaco Inc. respectfully requests administrative approval to commingle production from the Drinkard and Wantz Granite Wash Pools in the wellbore of the A. H. Blinebry Federal (NCT-1) Well No. 40 in accordance with New Mexico Oil Conservation Commission Rule 303-C.

The attached "Data Sheet for Wellbore Commingling" contains the data required by NMOCC Rule 303-C-2 (a, b, f, g and h). Form C-116 showing the current test for the Drinkard pool and the most recent test from the Wantz Granite Wash Pool (6-15-77) is attached. Decline curves for each zone, a plat of the subject well and lease, and wellbore diagrams of the existing and proposed completions are attached. This well has been operated as a single completion; therefore, no commission order exists authorizing dual completion. Approval to downhole commingle the Drinkard and Wantz Granite Wash Pools has been previously obtained for Texaco's A. H. Blinebry Federal (NCT-1) Well No. 38 under NMOCC Order No. R-5657. ✓

Commingled production from this well will be artificially lifted. It is recommended that 40% of the commingled oil and 37% of the gas be assigned to the Drinkard with 60% of the oil and 63% of the gas assigned to the Wantz Granite Wash in accordance with the well tests and decline curves.

MAY 19, 1978

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

Yours very truly,

J V Gannon
J. V. Gannon
District Superintendent

WRH:las

Attachments

Offset Operators
U.S.G.S. - Hobbs, N.M.

Dr 8 BO 40%
GrW 12 40%
20
Bottom of 7585 - max 5080PD
Wantz GrW -

DATA SHEET FOR WELLBORE COMMINGLING

Operator: TEXACO INC.

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

Lease and Well No.: A. H. Blinebry Federal (NCT-1) Well No. 40

Location: 660' FSL & 660' FEL, Sec. 19, T-22-S, R-38-E

WELL DATA

	Upper Pool	Middle Pool	Lower Pool
Name of Pool	Drinkard		Wantz Granite Wash
Producing Method	Pump		Last production/Pump
BHP	400 psi (Est.)		750 (Est.)
Type Crude	Sweet		Sweet
Gravity	39.1		39.1
GOR Limit	6000:1		2000:1
Completion Interval	6366-7234 (Perfs)		7430-7585 (Perfs)
Current Test Date	5-16-78		6-15-77 (SI)
Oil	8		12
Water	0		1
GOR	2250		2500

Selling Price of Crude -
\$/BBL.

14.65 (stripper)

14.65 (stripper)

Daily Income - \$/Day

43.95

0 (SI)

Production from these zones is currently surface commingled on the A. H. Blinebry lease.

COMMINGLED DATA:

Gravity of Commingled Crude 39.1

Selling Price of Commingled Crude - \$/BBL. 14.65

Daily Income - \$/Day 293.00

Net (Gain) ~~(Loss)~~ from Wellbore Commingling - \$/Day 249.05
based on current producing rates.

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

C-116
Revised 1-1-65

Operator TEXACO INC.		Pool Drinkard and Wantz Granite Wash				County Lea										
Address P. O. Box 728 - Hobbs, New Mexico 88240						TYPE OF TEST - (X) ☒ TEST - (X) ☐ Scheduled ☐ Completion ☒ Special										
LEASE NAME	WELL NO.	LOCATION				DATE OF TEST	STATE	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 BBL.S.	GRAV. OIL	OIL BBL.S.	GAS M.C.F.	
A. H. Blinebry Fed. NCT-1 Drinkard Wantz Granite Wash	40	P	19	22S	38E	5-16-78	P			8	24	0	39.1	8	18	2250
		P	19	22S	38E	6-15-77				20	24	1	39.1	12	30	2500

No well will be assigned an allowable greater than the amount of oil produced on the official test.

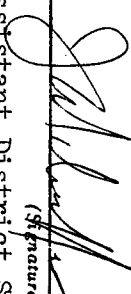
During gas-oil ratio test, each well shall be produced at a rate not exceeding the top unit allowable for the pool in which well is located by more than 25 percent. Operator is encouraged to take advantage of this 25 percent tolerance in order that well can be assigned increased allowables when authorized 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.

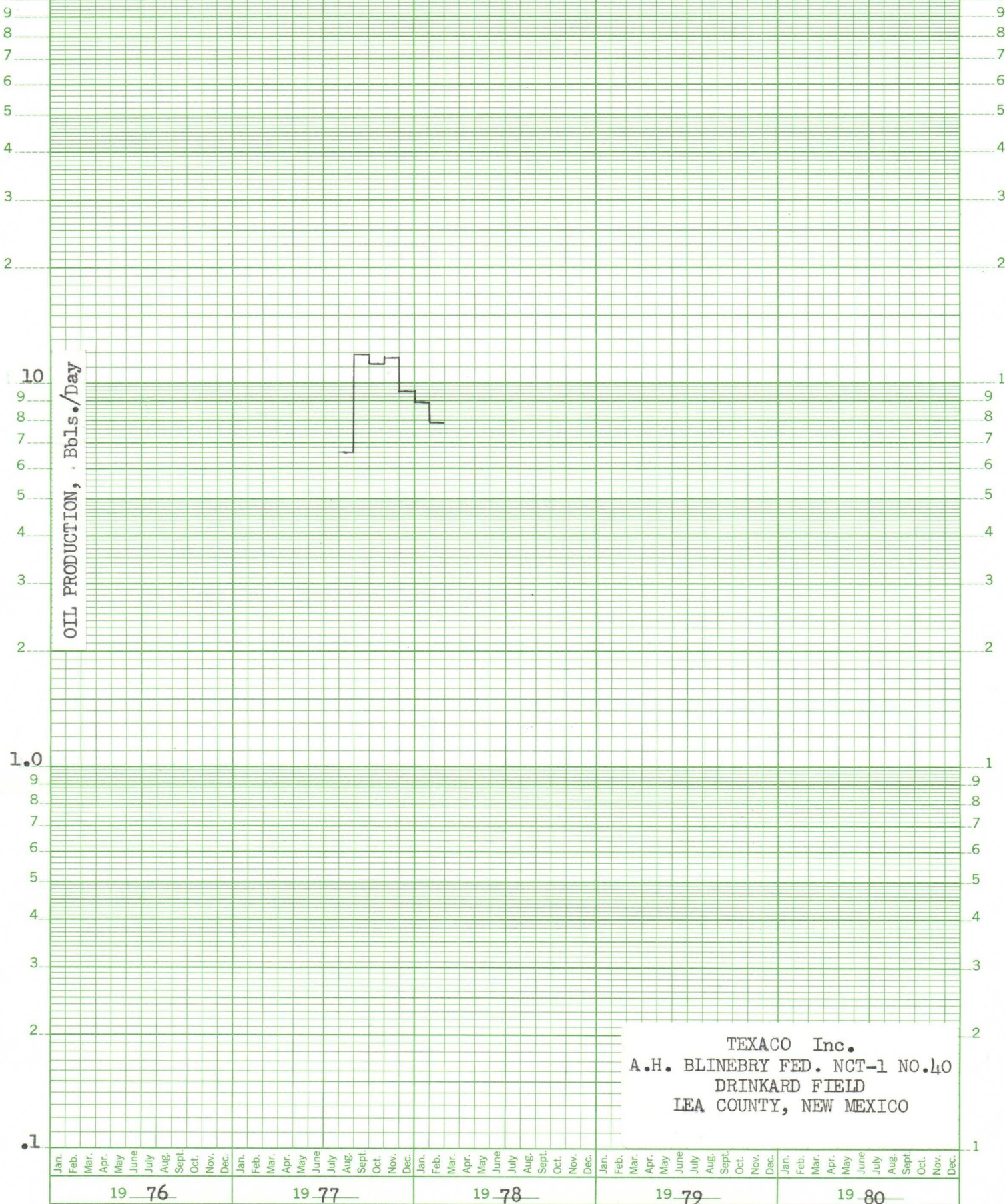
I hereby certify that the above information is true and complete to the best of my knowledge and belief.


 (Signature)
 Assistant District Superintendent

May 19, 1978
 (Date)

46 6690

100



TEXACO Inc.
A.H. BLINEBRY FED. NCT-1 NO.40
DRINKARD FIELD
LEA COUNTY, NEW MEXICO

46 6690

100

9

8

7

6

5

4

3

2

1

0.9

0.8

0.7

0.6

0.5

0.4

0.3

0.2

0.1

0.09

0.08

0.07

0.06

0.05

0.04

0.03

0.02

0.01

0.009

0.008

0.007

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0.005

0.004

0.003

0.002

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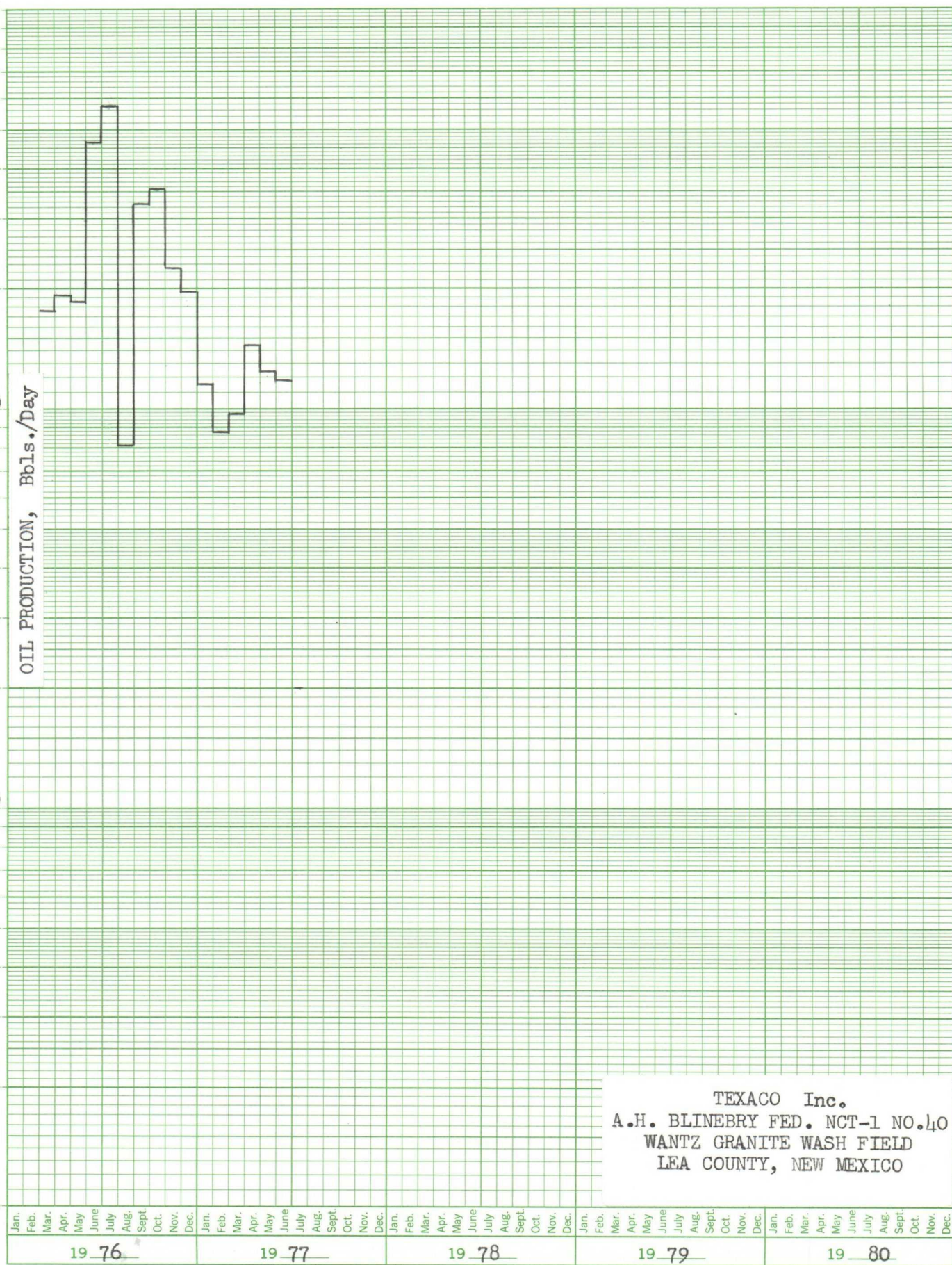
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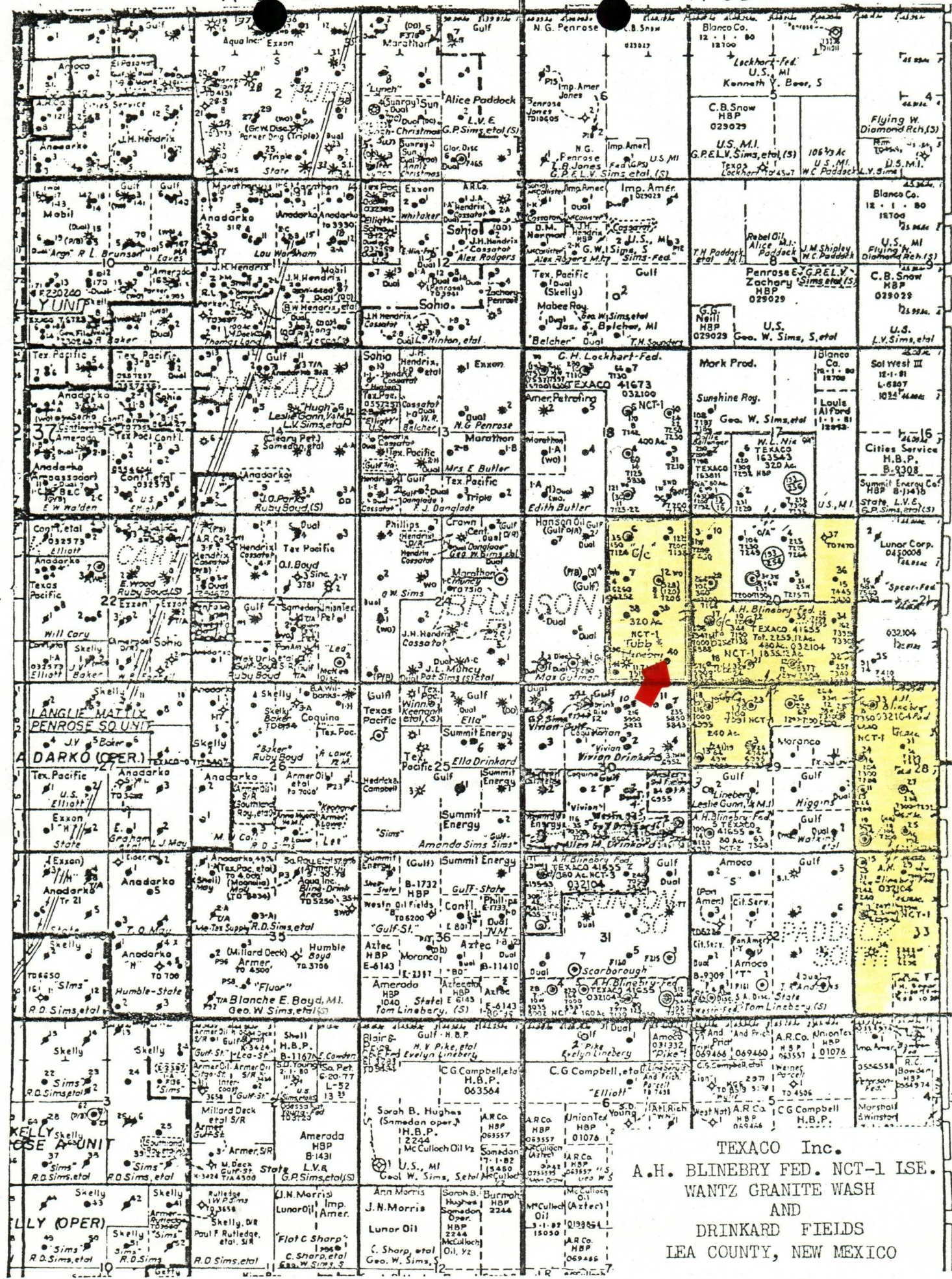
OIL PRODUCTION, Bbls./Day

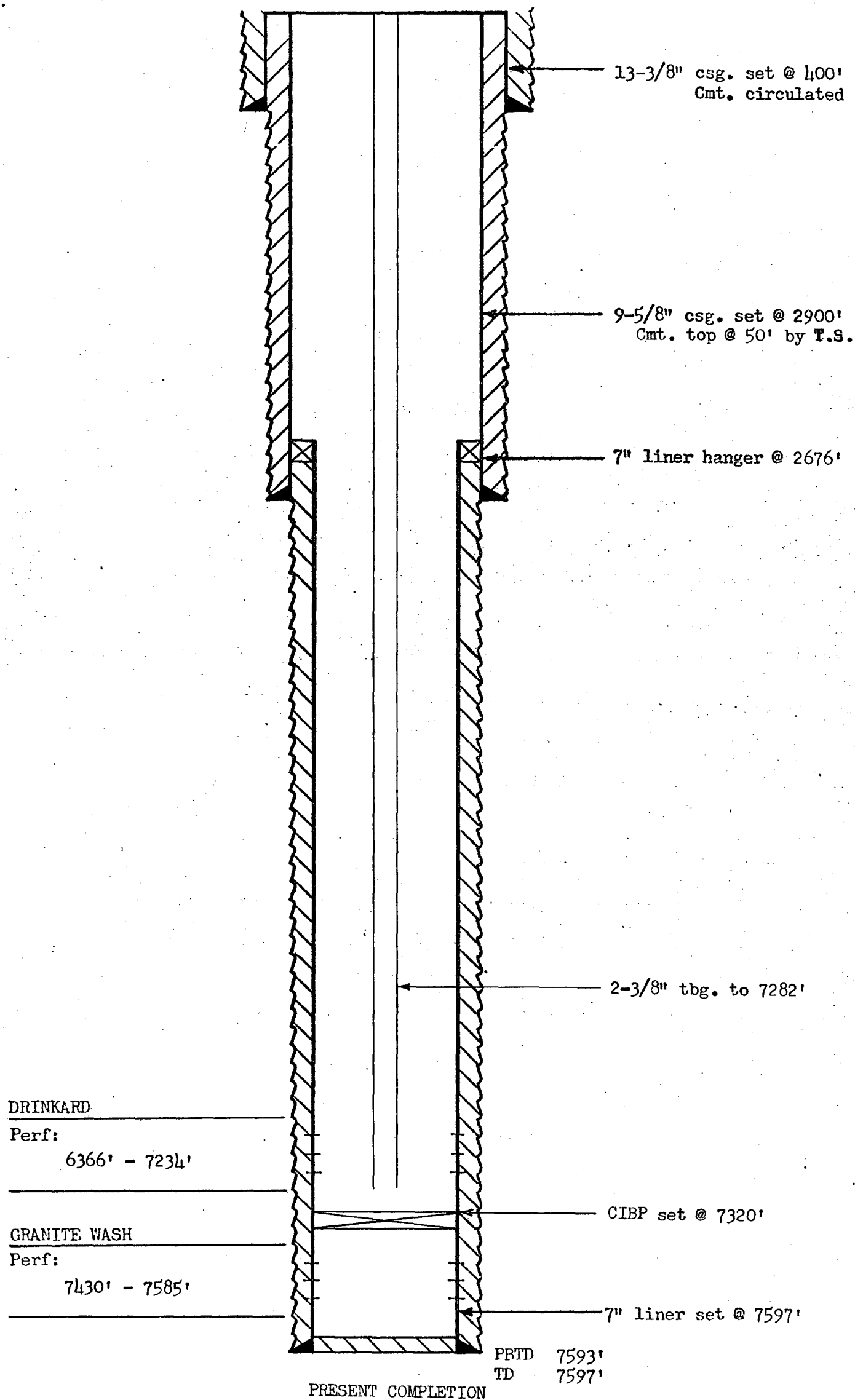


TEXACO Inc.
A.H. BLINEBRY FED. NCT-1 NO.40
WANTZ GRANITE WASH FIELD
LEA COUNTY, NEW MEXICO

R-37-E

R-38-E

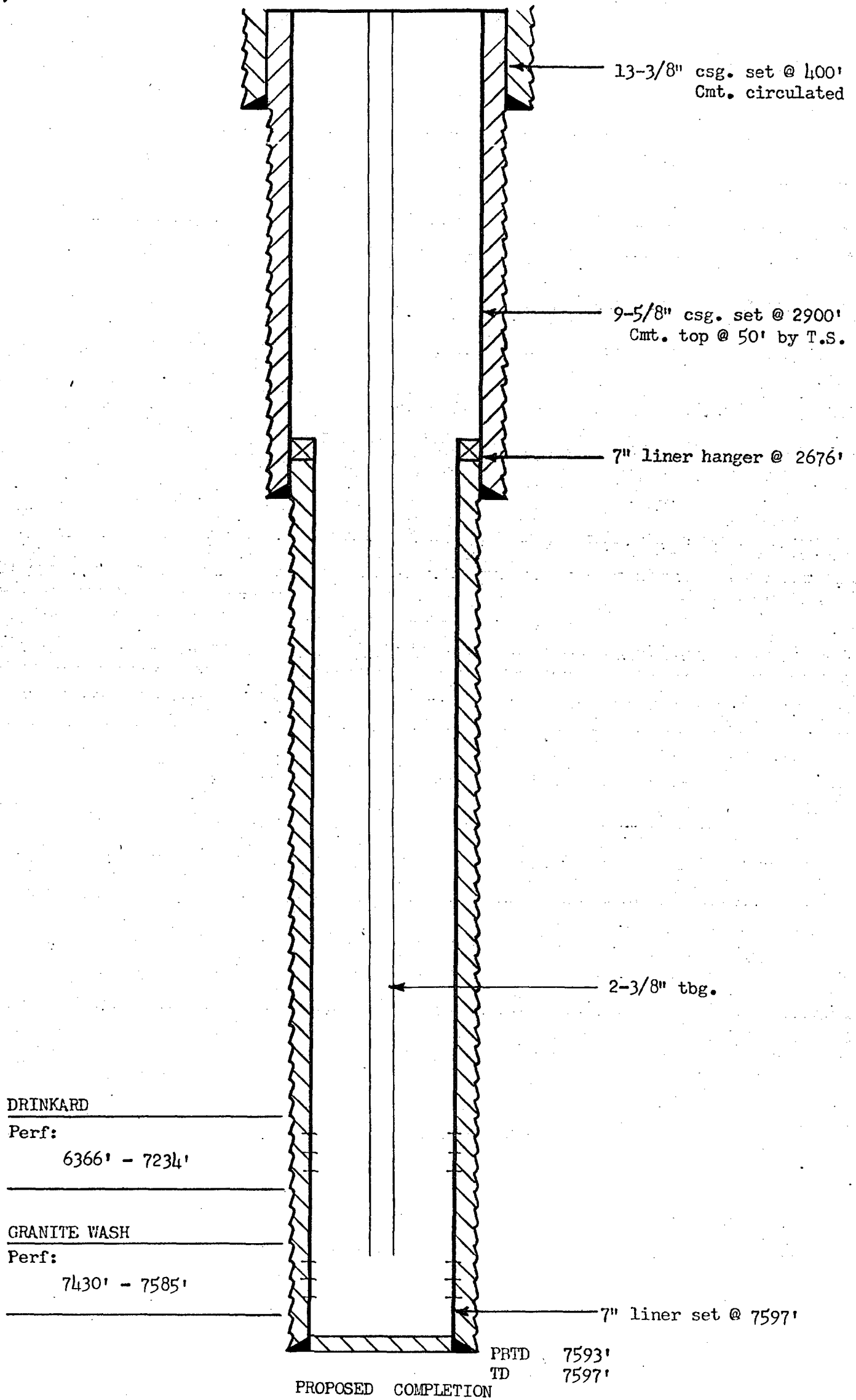




TEXACO Inc.
A. H. BLINEBRY FED. NCT-1 NO.

LEA COUNTY, NEW MEXICO

WRH/CRC 5-17-78



TEXACO Inc.
A. H. BLINEBRY FED. NCT-1 NO.

LEA COUNTY, NEW MEXICO

OFFSET OPERATORS

American Petrofina, Inc.
P. O. Box 2159
Dallas, Texas 75221

Gulf Oil Company
P. O. Box 670
Hobbs, New Mexico 88240

Hanson Oil Corporation
P. O. Box 1515
Roswell, New Mexico 88201

Coquina Oil Corporation
P. O. Drawer 2960
Midland, Texas 79701

Imperial American Resources Fund, Inc.
215 Mid-America Building
Midland, Texas 79701

Moranco
P. O. Box 1860
Hobbs, New Mexico 88240

Summit Energy, Inc.
1925 Mercantile Dallas Building
Dallas, Texas 75201

Union Texas Petroleum
P. O. Box 2120
Houston, Texas 77001