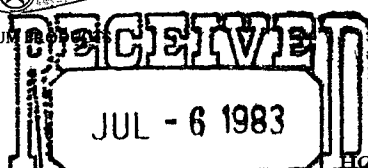




PETROLEUM



TEXACO
U.S.A.
A DIVISION OF TEXACO INC.
P. O. BOX 728
HOBBBS, NEW MEXICO 88240
(505) 393-7191

OIL CONSERVATION DIVISION
SANTA FE

July 1, 1983

DOWNHOLE COMMINGLING
W. L. NIX WELL NO. 3
SECTION 20, T-22-S, R-38-E
TUBB AND DRINKARD FIELDS
LEA COUNTY, NEW MEXICO

State of New Mexico
Department of Energy & 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 Tubb and Drinkard pools in the wellbore of the W. L. Nix Well No. 3 in accordance with NMOCD Rule 303-C.

This well meets all prerequisites for downhole commingling, as described in NMOCD Rule 303-C, 1, a (1 thru 7). The two zones have been surface commingled on this lease and no incompatibility between these zones has been identified. Allocation of these zones will be 50% to the Tubb and 50% to the Drinkard.

All Offset Operators (list attached) have been notified of this application by copy of this letter.

Yours very truly,

TEXACO INC.
PRODUCING DEPARTMENT-UNITED STATES

V. G. Johnston
Assistant District Manager

GDD:JEB

Attachments

OFFSET OPERATORS

Mewbourne Oil Company
P. O. Box 7698
Tyler, Texas, 75711

Exxon Company, U.S.A.
P. O. Box 2180
Houston, Texas, 77001

DATA SHEET FOR WELLBORE COMMINGLING

Operator: **TEXACO Inc.**

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

Lease and Well No: **W. L. Nix Well No. 3**

Location: Unit F; 1980 Feet from the West Line and
1980 Feet from North Line of Section 20;
Township 22-South, Range 38-East; Lea County.

WELL DATA

	<u>Upper Pool</u>	<u>Lower Pool</u>
Name of Pool	<u>Tubb</u>	<u>Drinkard</u>
Producing Method	<u>Pump</u>	<u>Pump</u>
BHP	<u>244 (Est.)</u>	<u>419 (Est.)</u>
Type Crude	<u>Sweet</u>	<u>Sweet</u>
Gravity	<u>38.3</u>	<u>36.8</u>
GOR Limit	<u>2000-1</u>	<u>6000-1</u>
Completion Interval	<u>6283'-6397'</u>	<u>7073'-7150'</u>
Current Test Date	<u>ASD 10/22/65</u>	<u>SI 6/28/82</u>
Oil	<u>-</u>	<u>-</u>
Water	<u>-</u>	<u>-</u>
GOR	<u>-</u>	<u>-</u>
Selling Price of Crude-\$/BBL.	<u>29.96</u>	<u>29.92</u>
Daily Income - \$/Day	<u>0</u>	<u>0</u>

COMMINGLED DATA:

Gravity of Commingled Crude 37.6
Selling Price of Commingled Crude - \$/BBL. 29.94
Daily Income - \$/Day _____

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

TEXACO Inc.

Pool Drinkard

County Lea

P. O. Box 728, Hobbs, New Mexico 88240

TYPE OF TEST - (X)

Scheduled ☒

Completion ☐

Special ☐

LEASE NAME

C. H. Lockhart Federal
NCT-1

Downhole Commingling
Permit No. DHC-213

W. L. Nix

Mittie Weatherly

Downhole Commingling
Permit No. R-5201

WELL NO.	LOCATION				DATE OF TEST 1983	STATUS	CHOKE SIZE	TBG. PRESS.	DAILY ALLOWABLE	LENGTH OF TEST HOURS	PROD. DURING TEST				GAS - OIL RATIO CU.FT/BB
	U	S	T	R							WATER DOLS.	GRAV. OIL	OIL DOLS.	GAS M.C.F.	
7	B	18	22S	38E	4-19-83	P			6	24	2	38.0	3	33	11,000
Drinkard = 24%															
Blinebry = 75%															
8	P	18	22S	38E		I			2	"	1	"	1	"	"
9	I	"			3-16	P			4	"	1	"	2	"	"
10	H	"				TR-O									
1	C	20	22S	38E	3-8	P			2	24	0-0	36.8	2	10	5000
2	N	17	22S	38E	3-9	P			2	24	2	36.8	4	5	1250
3	F	20	22S	38E		SI-O	6-28-82		2	24	1	36.8	2	5	2500
4	B	"			3-10	P									
5	G	"				SI-O	4-12-80								
6	K	17	22S	38E	3-15	P			3	24	1	36.8	2	8	4000
7	O	"			3-16	P			3	24	1	36.8	2	4	2000
1	F	17	21S	37E	4-21	P			6	24	8	35.0	8	143	17875
Drinkard															
Pentose Skelly Grayburg = 50%-O & 36%-G															
									3	"	4	"	4	92	23000
									3	"	4	"	4	51	12750

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 303 and appropriate pool rules.

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

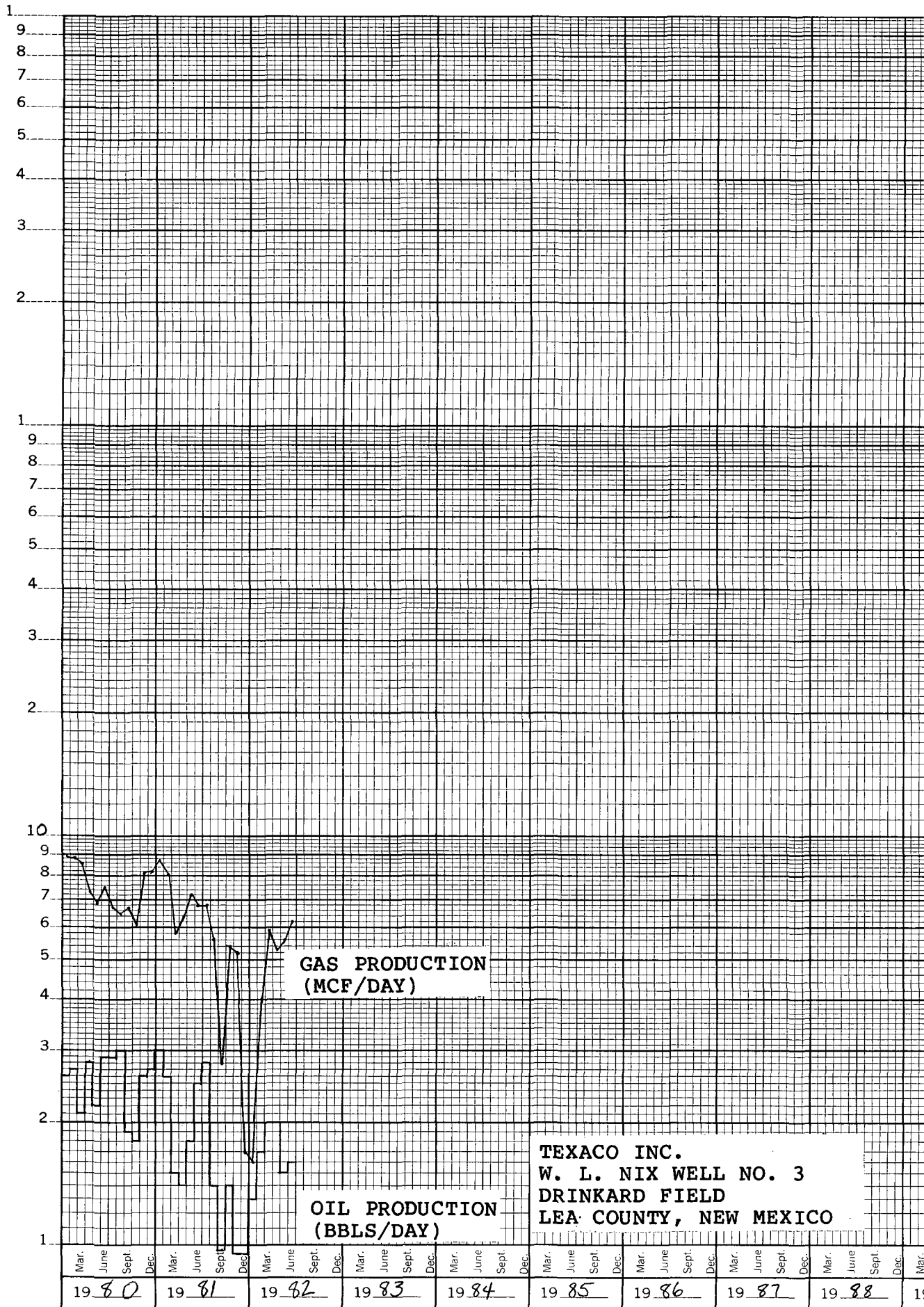
[Signature]
(Signature)
Assistant District Manager

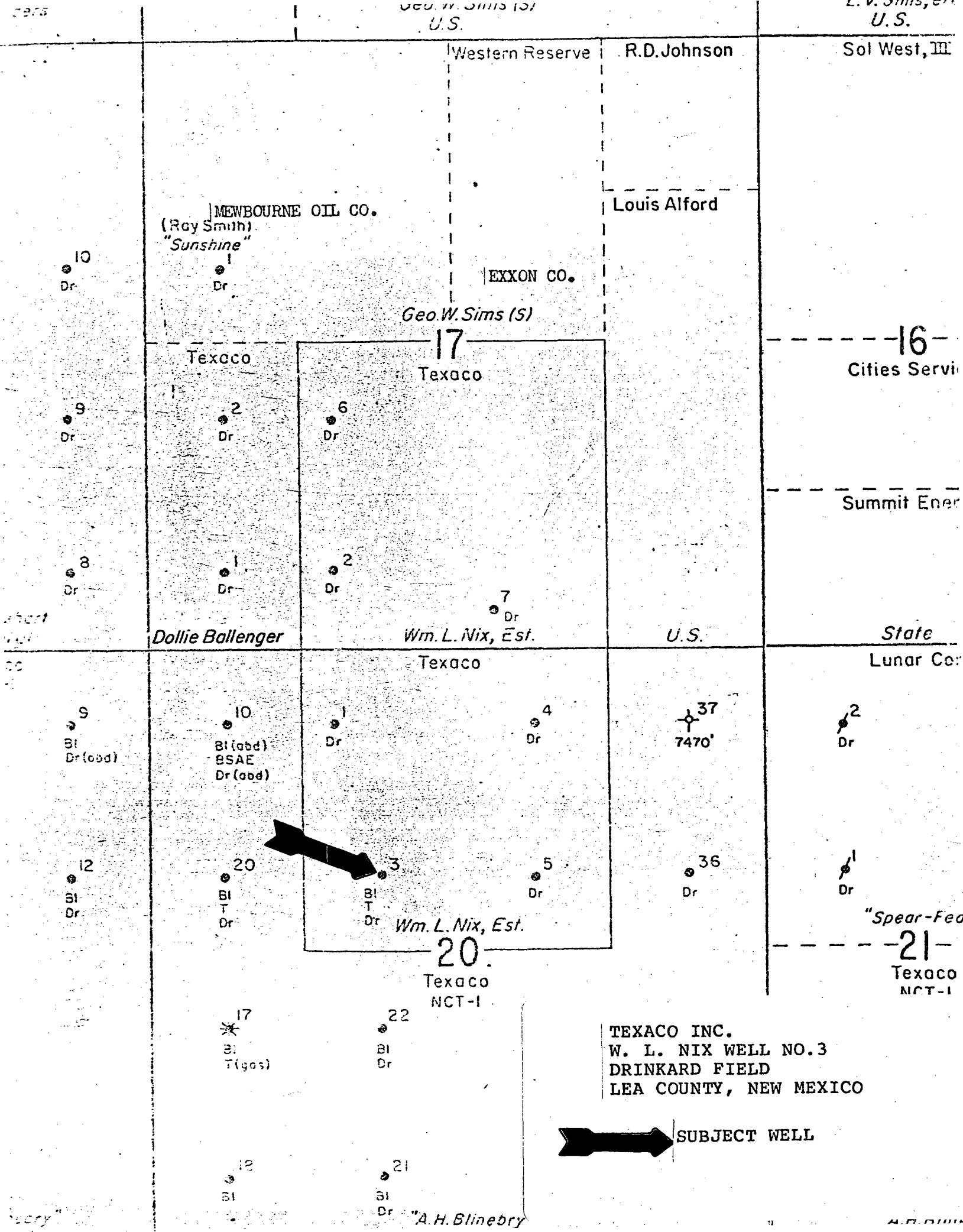
May 5, 1983

(Title)

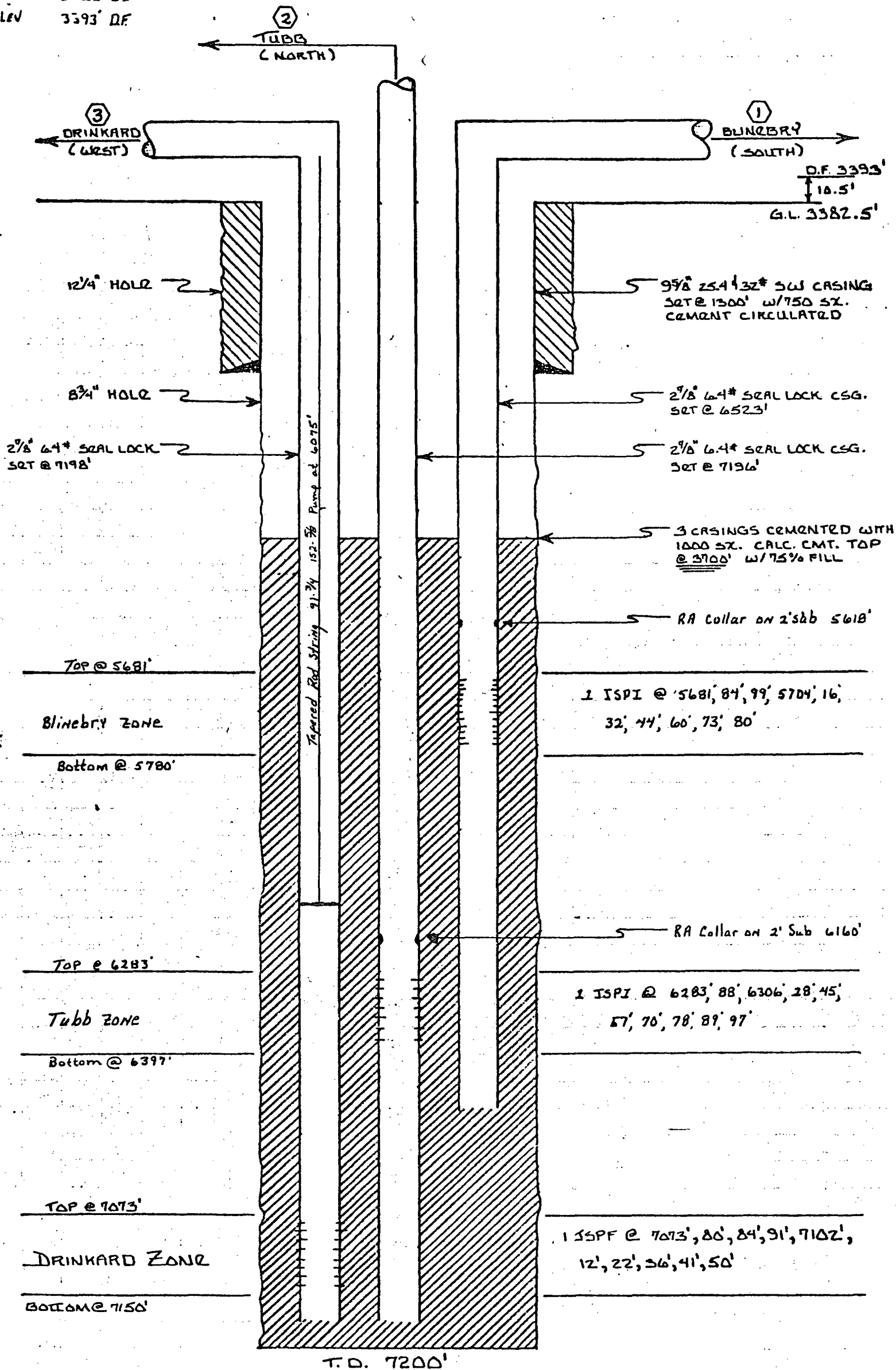
47 6840

20 YEARS BY MONTHS X 3 LOG CYCLES
KEUFEFFEL & ESSER CO. MADE IN U.S.A.



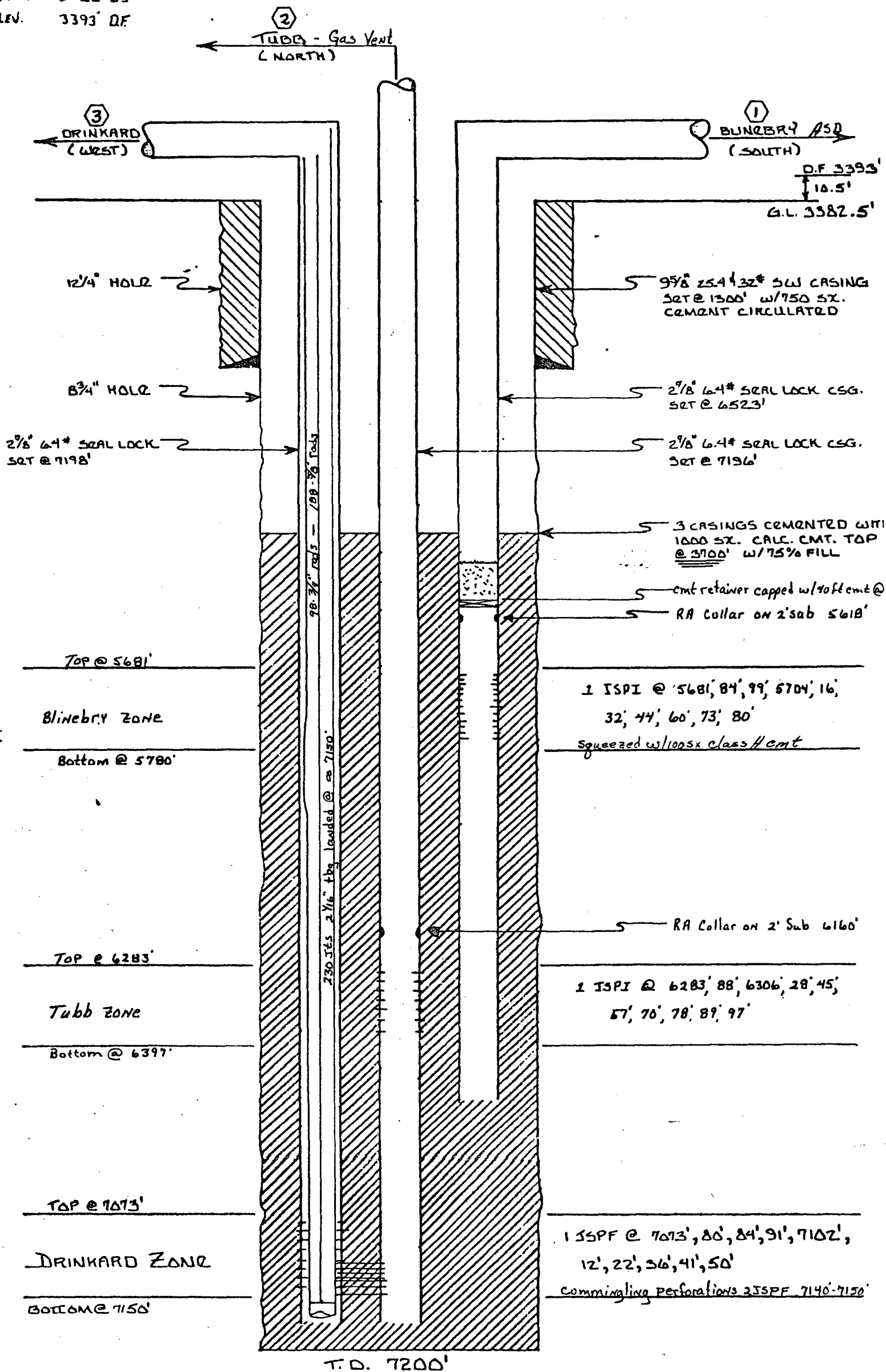


W.L. Nix #3
 Comp. 5-25-65
 Elev 3393' DF



Present Wellbore Diagram

Well No. 3
 Comp. 5-26-65
 Elev. 3393' D.F.



Proposed Wellbore Diagram