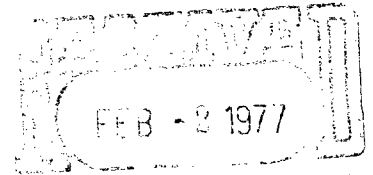




PETROLEUM PRODUCTS

February 1, 1977



TEXACO INC.  
DRAWER 728  
HOBBS, NEW MEXICO 88240

DHC-213  
Date - 2/24/77

New Mexico Oil Conservation Commission  
P. O. Box 2088  
Santa Fe, New Mexico 87501

RE: WELLBORE COMMINGLING  
C. H. Lockhart Fed (NCT-1) No. 7  
Blinebry and Drinkard Pools  
Lea County, New Mexico

ATTENTION: MR. JOE D. RAMEY

Gentlemen:

TEXACO INC. requests administrative approval to commingle in the wellbore oil production from the Blinebry and Drinkard Pools in Well No. 7 on the C. H. Lockhart Federal (NCT-1) Lease located in Section 18, Township 22 South, Range 38 East, Lea County, New Mexico.

The subject well is a single completion in the Drinkard Pool. Upon approval of this application the Blinebry formation will be opened and commingled with the Drinkard. The fluids from these two reservoirs are commingled on surface and 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 two reservoirs. Also attached is a production decline curve for the Drinkard zone, a sketch of the present and proposed completion, location plat, C-116 and a list of offset operators.

A copy of this application is being mailed to each of the offset operators shown on the attached list.

Yours very truly,

  
J. V. Gannon

District Superintendent

JBS:las  
Attachments

NMOCC - Hobbs, N.M.  
USGS - Hobbs, N.M.  
Offset Operators

Baltam Pf: 7130'  
Max prod:

BL: 2030

Flow: 420

14.9 mcf



PETROLEUM PRODUCTS

January 31, 1977

TEXACO INC.  
DRAWER 728  
HOBBS, NEW MEXICO 88240

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

RE: APPLICATION FOR DOWNHOLE COMMINGLE  
C. H. Lockhart Fed. (NCT-1) Well #7  
Blinebry and Drinkard Pools  
Lea County, New Mexico

Gentlemen:

Attached is a copy of a "Request for Administrative Approval" to the New Mexico Oil Conservation Commission by TEXACO INC. to consider the application to commingle downhole fluids produced from the Blinebry and Drinkard Pools in TEXACO'S C. H. Lockhart Federal (NCT-1) Well No. 7.

If the proposed application meets your approval, please submit your consent in writing to TEXACO INC., P. O. Box 728, Hobbs, New Mexico, 88240, and to the New Mexico Oil Conservation Commission, P. O. Box 2088, Santa Fe, New Mexico, 87501.

Yours very truly,

J. V. Gannon  
District Superintendent

JBS:las

Attachments

NMOCC - Santa Fe, N.M.  
NMOCC - Hobbs, N.M.

DATA SHEET FOR WELLBORE COMMINGLING

Operator: TEXACO INC.

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

Lease and Well No: C. H. Lockhart Federal (NCT-1) Well No. 7

Location: Unit B; 660 Feet from the North Line and  
1974 Feet from East Line of Section 18;  
Township 22-S, Range 38-E; Lea County.

WELL DATA

	<u>Upper Pool</u>	<u>Lower Pool</u>
Name of Pool	<u>Blinebry</u>	<u>Drinkard</u>
Producing Method	<u>Pump</u>	<u>Pump</u>
BHP	<u>500 (Est.)</u>	<u>500 (Est.)</u>
Type Crude	<u>Sweet</u>	<u>Sweet</u>
Gravity	<u>37.8 (Est.)</u>	<u>37.8</u>
GOR Limit	<u>6000</u>	<u>6000</u>
Completion Interval	<u>Proposed 5682'-5900'</u>	<u>6810'-7130'</u>
Current Test Date	<u>--</u>	<u>12-30-76</u>
Oil	<u>20</u>	<u>4</u>
Water	<u>1</u>	<u>0</u>
GOR	<u>4000 (Est.)</u>	<u>3700</u>
Selling Price of Crude-\$/BBL.	<u>--</u>	<u>13.87</u>
Daily Income - \$/Day	<u>--</u>	<u>55.48</u>

COMMINGLED DATA:

Gravity of Commingled Crude 37.8

Selling Price of Commingled Crude - \$/BBL. 13.87

Daily Income - \$/Day 332.88

Net (Gain) ~~(Loss)~~ From Wellbore Commingling - \$/Day 277.40 (Production increase of  
based on current producing rates. 20 BOPD)

LIST OF OFFSET OPERATORS

TEXACO INC.

C. H. Lockhart Federal NCT-1 Well No. 7  
Lea County, New Mexico

American Petrofina Company of Texas  
Drawer B  
Artesia, New Mexico 88210

Gulf Oil Corp. - Hobbs Area  
P. O. Box 670  
Hobbs, New Mexico 88240

Exxon  
P. O. Box 2100  
Hobbs, New Mexico 88240

Mabee Petroleum Corp.  
201 1st Savings Building  
Midland, Texas 79701

Mark Production  
330 Citizens Bank Building  
Tyler, Texas 75701

Penrose Production Company  
P. O. Box 988  
Eunice, New Mexico 88231

NEW MEXICO OIL CONSERVATION COMMISSION  
GAS-OIL RATIO TESTS

C-116  
Revised 1-1-65

Operator <b>TEXACO INC.</b>		Pool <b>Drinkard</b>		County <b>Lea</b>										
Address <b>P. O. Box 728 - Hobbs, New Mexico 88240</b>		TYPE OF TEST - (X)		Completion <input type="checkbox"/> Scheduled <input type="checkbox"/> Special <input checked="" type="checkbox"/>										
LEASE NAME	WELL NO.	LOCATION			DATE OF TEST	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 BBLs.	GRAV. OIL		OIL BBLs.
C. H. Lockhart Fed (NCT-1)	7	B	18	22-S	38-E	12-30-76	P	6	24	0	37.8	4	14.8	3700

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

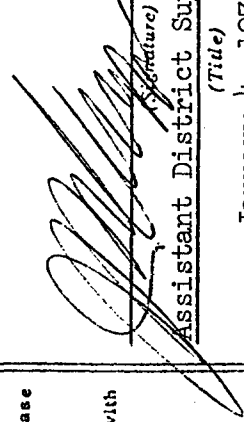
During gas-oil ratio test, each well shall be produced at a rate not exceeding the top unit allowable for the pool in which well is located by more than 25 percent. Operator is encouraged to take advantage of this 25 percent tolerance in order that well can be assigned increased allowables when authorized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

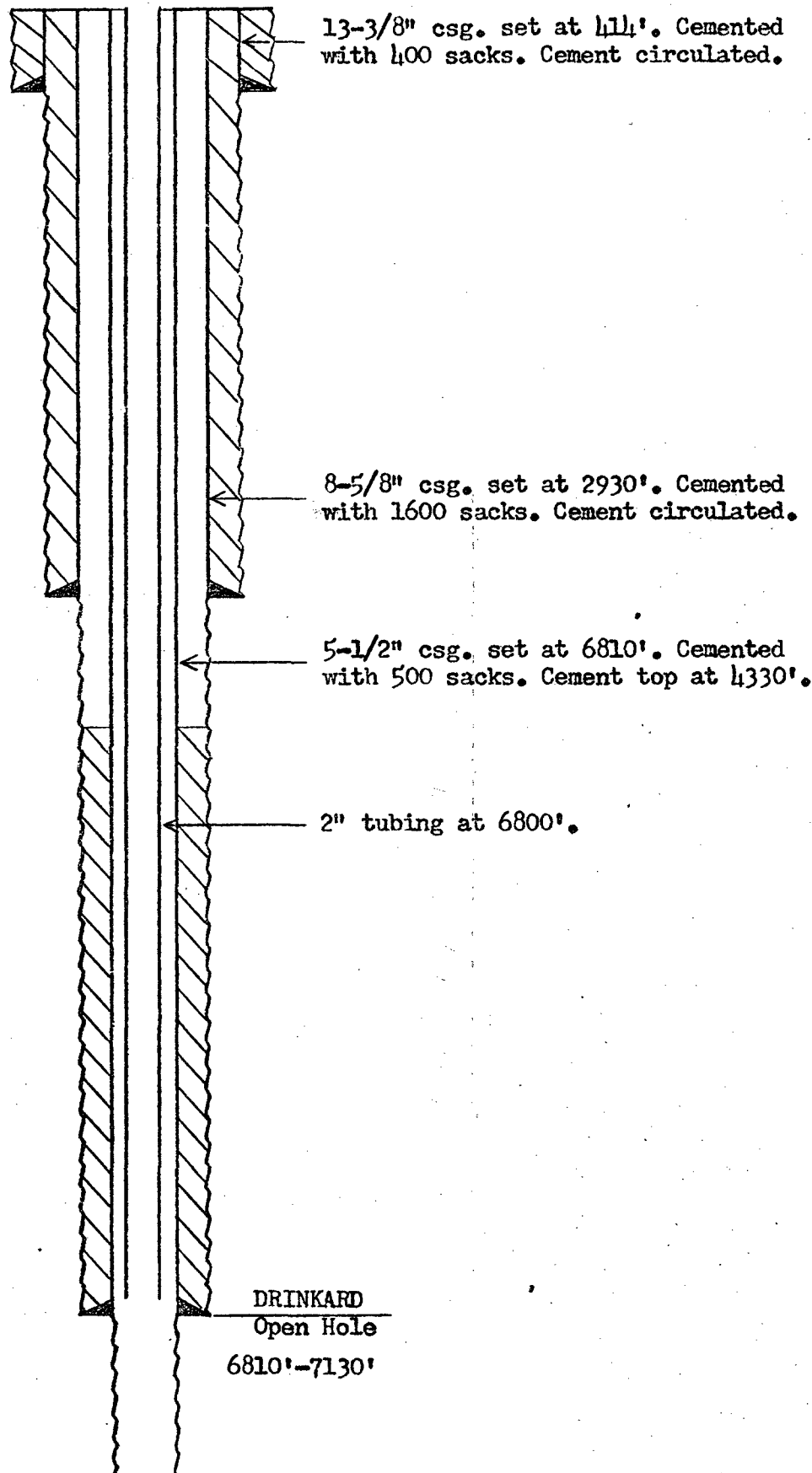
Report casing pressure in lieu of tubing pressure for any well producing through casing.

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.

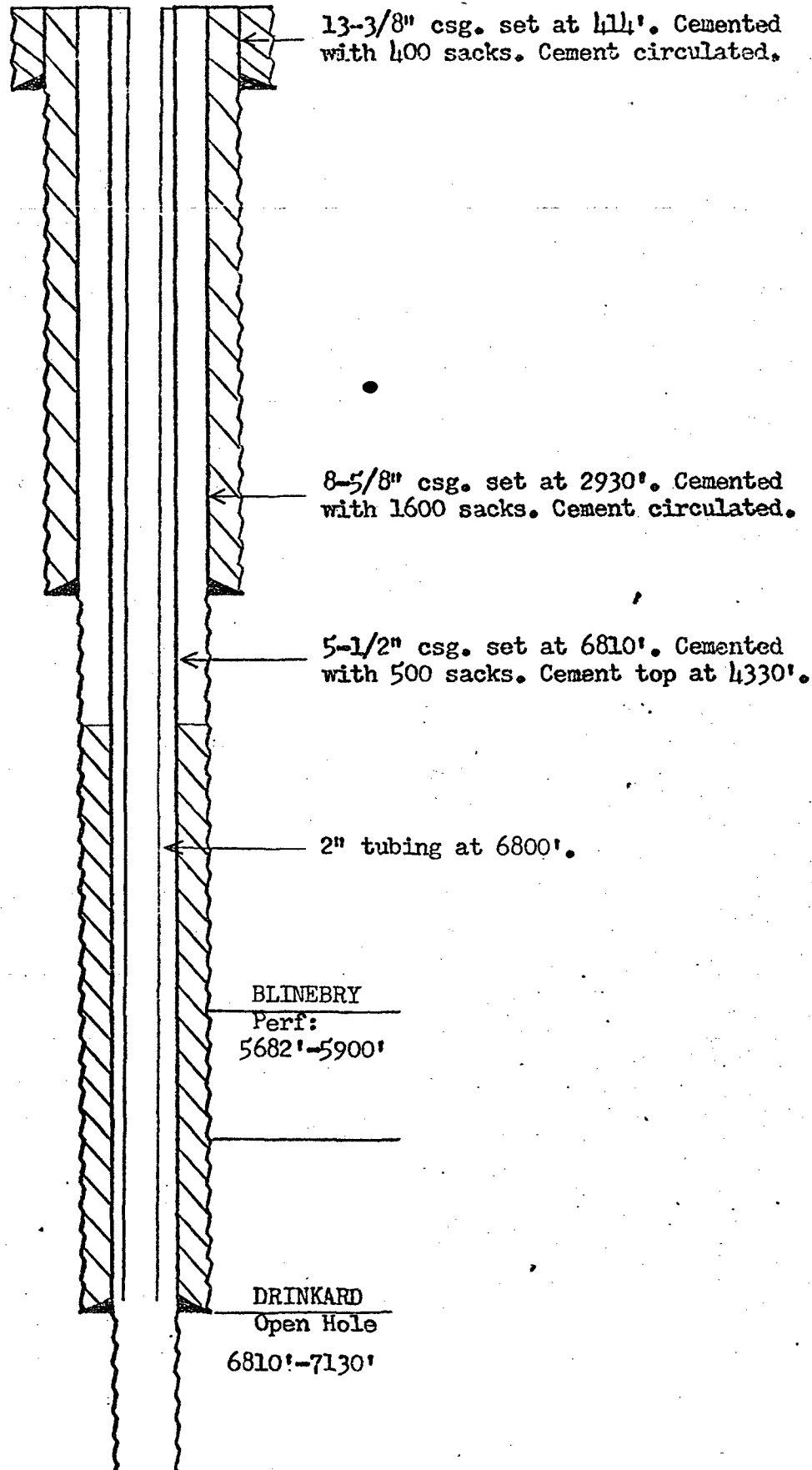
  
Assistant District Superintendent  
(Title)

January 4, 1977  
(Date)



Present Completion  
 TEXACO INC.  
 C.H. LOCKHART FED. (NCT-1) NO. 7  
 DRINKARD POOL  
 LEA COUNTY, NEW MEXICO

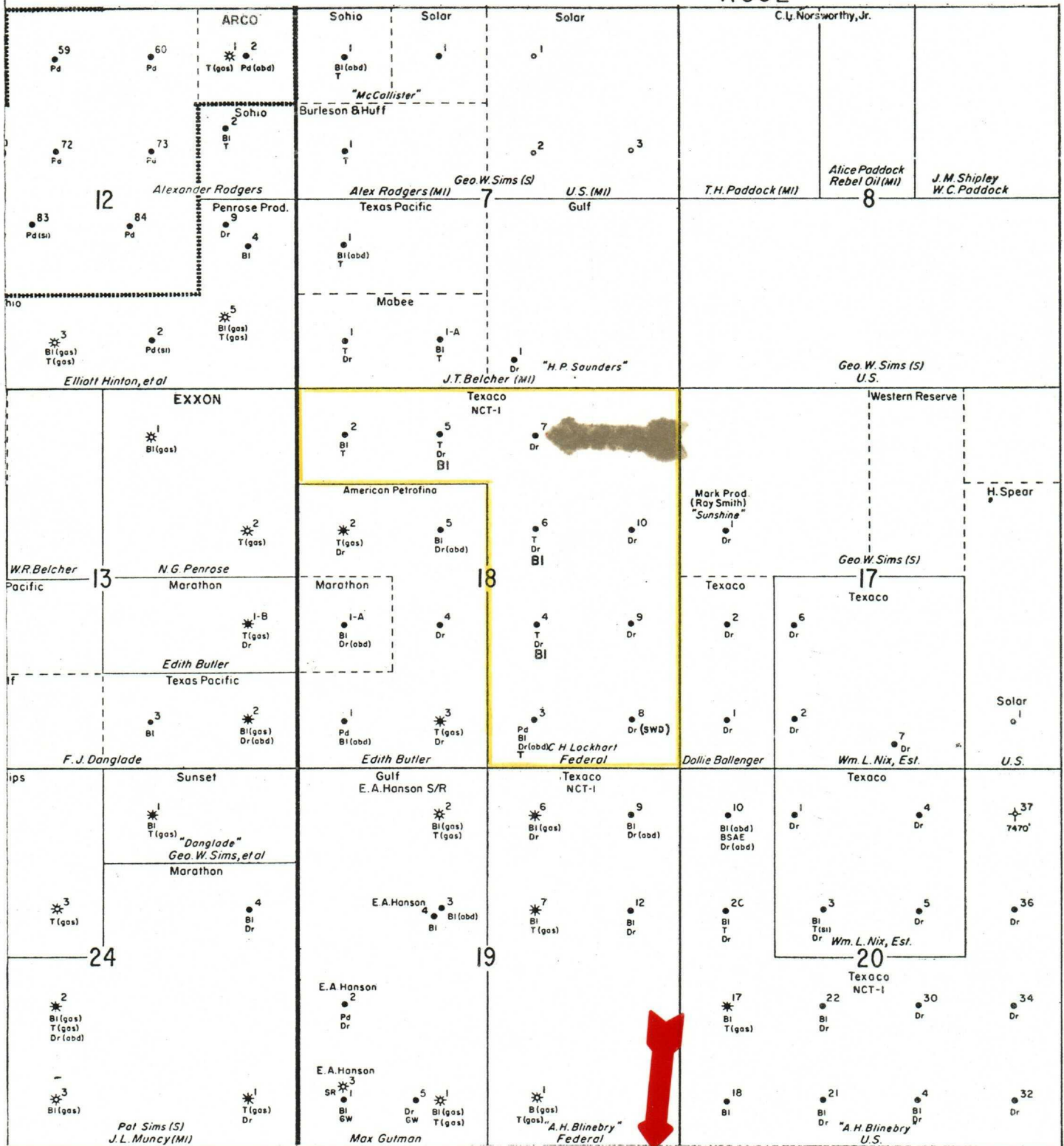
JBS 1-31-77



Proposed Completion  
 TEXACO INC.  
 C.H. LOCKHART FED. (NCT-1) NO. 7  
 DRINKARD AND BLINEBRY POOLS  
 LEA COUNTY, NEW MEXICO

JBS 1-31-77

R38E



R 37E

R 38E

## ABBREVIATIONS:

BEE - BRUNSON ELLENBURGER EAST  
 BGW - BRUNSON GRANITE WASH  
 BGWE - BRUNSON GRANITE WASH EAST  
 BI - BLINEBRY  
 BME - BRUNSON McKEE EAST  
 BSE - BRUNSON SAN ANDRES EAST  
 Dr - DRINKARD

GW - GRANITE WASH (UNDESIGNATED)  
 LM7RQ - LANGLEIE MATTIX 7 RIVERS QUEEN  
 Pd - PADDOCK  
 Ps - PENROSE SKELLY GRAYBURG  
 SA - SANTA ROSA (UNDESIGNATED)  
 T - TUBB

TEXACO INC.

MIDLAND DIVISION

BLINEBRY FIELD AREA

S.E. LEA COUNTY, NEW MEXICO

SCALE: 0' 1000' 2000'

DRAWN BY: FMR

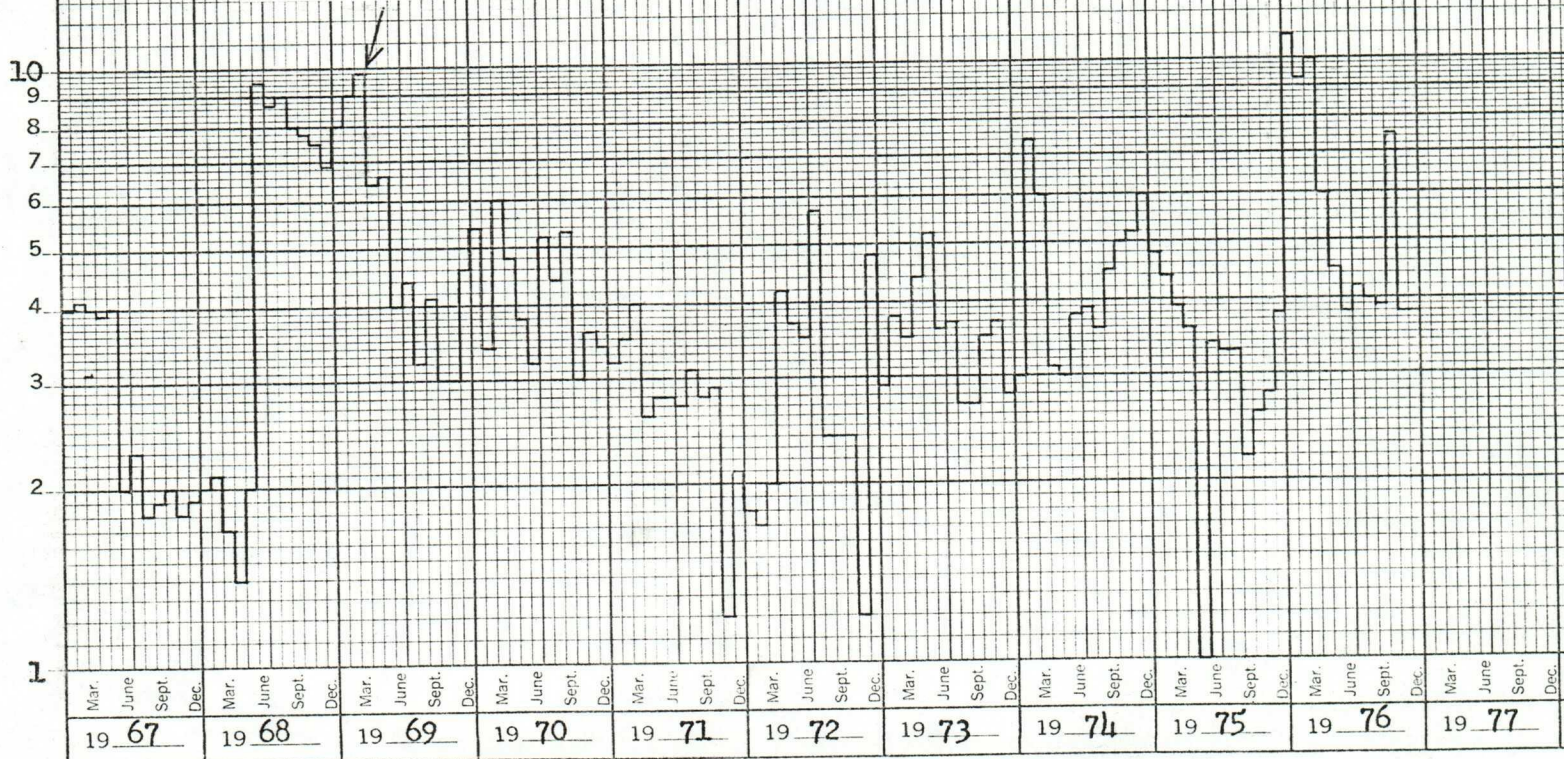
# TEXACO INC. MIDLAND DIVISION

Performance Curve

C.H. LOCKHART FED. (NCT-1) NO. 7  
DRINKARD POOL  
LEA COUNTY, NEW MEXICO

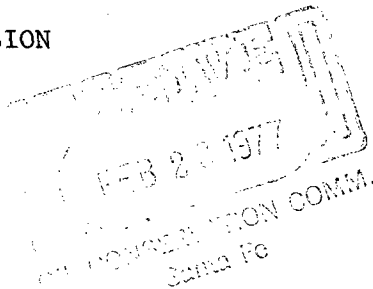
DRAWN BY: JBS DATE: 1-28-77

OIL PRODUCTION  
BBLS/DAY



OIL CONSERVATION COMMISSION  
Hobbs DISTRICT

OIL CONSERVATION COMMISSION  
BOX 2088  
SANTA FE, NEW MEXICO



DATE February 24, 1977

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. H. Lockhart Fed. NCT-1 #7-B 18-22-38  
Operator Lease and Well No. Unit, S-T-R

and my recommendations are as follows:

O.K.---J.S.  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Yours very truly,