



PETROLEUM PRODUCTS

August 20, 1974

TEXACO INC.
DRAWER 728
HOBBS, NEW MEXICO 88240

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

RE: WELLBORE COMMINGLING
A. H. Blinebry Federal (NCT-2) Well No. 2
Blinebry and Drinkard Pools
Lea County, New Mexico

ATTENTION: MR. A. L. PORTER, JR.

Gentlemen:

TEXACO INC. requests administrative approval to commingle in the wellbore oil production from the Blinebry and Drinkard pools in Well No. 2 on the A. H. Blinebry Federal (NCT-2) Lease located in Section 29, Township 22 South, Range 38 East, Lea County, New Mexico.

The subject well is presently flowing oil from the Drinkard zone. Upon approval of this application an attempt will be made to complete in the Blinebry zone and commingle downhole with the Drinkard zone. Both zones will be classified as oil zones. The Blinebry zone will require artificial lift; therefore, production after commingling will be by artificial lift. The fluids from these two reservoirs 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 Drinkard and proposed Blinebry zones. Also attached is a production decline curve for the Drinkard zone, diagrammatic sketches of the wellbore showing the present completion and proposed completion, and a bottom hole pressure survey. A well test is included as submitted on Form C-116.

Copies of this application are being mailed to each of the offset operators shown on the attached list.

Yours very truly,


J. V. Gannon
District Superintendent

JBS:ls
MAS, JR.
NMOCC - Hobbs
OFFSET OPERATORS



United States Department of the Interior

GEOLOGICAL SURVEY

P. O. Box 1157
Hobbs, New Mexico 88240

June 20, 1974

Texaco Inc.
Drawer 728
Hobbs, New Mexico 88240

Gentlemen:

Your letter of June 19 requests approval for downhole commingling of Blinebry and Drinkard production in the wellbore of well No. 2 A. H. Blinebry Federal (NCT-2) in the SE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 29, T. 22 S., R. 38 E., Lea County, New Mexico, lease Las Cruces 032104.

Your proposal to commingle Blinebry and Drinkard production in the wellbore of well No. 2 is hereby approved subject to like approval by the New Mexico Oil Conservation Commission.

Sincerely yours,

Arthur R. Brown
District Engineer

HOBBS DISTRICT PET. ENGR. DEPT.			
DATE 6-28			
✓ KWH	6/28	DSS	
		RJA	
✓ RGS	6-29	HEH	
BBB		WRS	
✓ ECH	7-1	JMR	
WCP		ELW	
		JLI	
✓ JBS	7-1	FMR	
		MKS	
JVG			
JAS		BWG	
JCB		REL	
VGJ		EHS	
BFH		FILE	

RETURN TO		FILE
INVC	6-24	1
JCB	6-24	2
VGJ		
JAS		
INVC	6/28	3
BWG		
REL		
CDB		
CE	7-2	4
AN		
PI		
BH		

DATA SHEET FOR WELLBORE COMMINGLINGOperator: TEXACO INC.Address: P.O. Box 728 - Hobbs, New Mexico 88240Lease and Well No: A.H. Blinebry Federal (NCT-2) No. 2

Location: Unit N; 660 Feet from the South Line and
1980 Feet from West Line of Section 29;
 Township 22-S, Range 38-E; Lea County.

WELL DATA

	<u>Upper Pool</u>	<u>Lower Pool</u>
Name of Pool	<u>Blinebry (Proposed)</u>	<u>Drinkard</u>
Producing Method	<u>Pump</u>	<u>Flow</u>
BHP	<u>400 Est.</u>	<u>619</u>
Type Crude	<u>Sweet</u>	<u>Sweet</u>
Gravity	<u>38.0</u>	<u>38.6</u>
GOR Limit	<u>4,000</u>	<u>6,000</u>
Completion Interval	<u>5700'-5800' Est.</u>	<u>6745'-7368'</u>
Current Test Date	<u>- -</u>	<u>7-28-74</u>
Oil	<u>7 Est.</u>	<u>4</u>
Water	<u>0 Est.</u>	<u>0</u>
GOR	<u>6000 Est.</u>	<u>29,000</u>
Selling Price of Crude-\$/BBL.	<u>5.27</u>	<u>5.27</u>
Daily Income - \$/Day	<u>- -</u>	<u>21.08</u>

COMMINGLED DATA:

Gravity of Commingled Crude 38.4
 Selling Price of Commingled Crude - \$/BBL. 5.27
 Daily Income - \$/Day 57.97

Net (Gain) ~~(Loss)~~ From Wellbore Commingling - \$/Day 52.70 (Production Increase of
 based on current producing rates. 10 BOPD)



COLEMAN PETROLEUM ENGINEERING COMPANY

PHONE EXPRESS 3-3813
611 GRIMES
P O BOX 1829
HOBBS, NEW MEXICO

BOTTOM HOLE PRESSURE RECORD

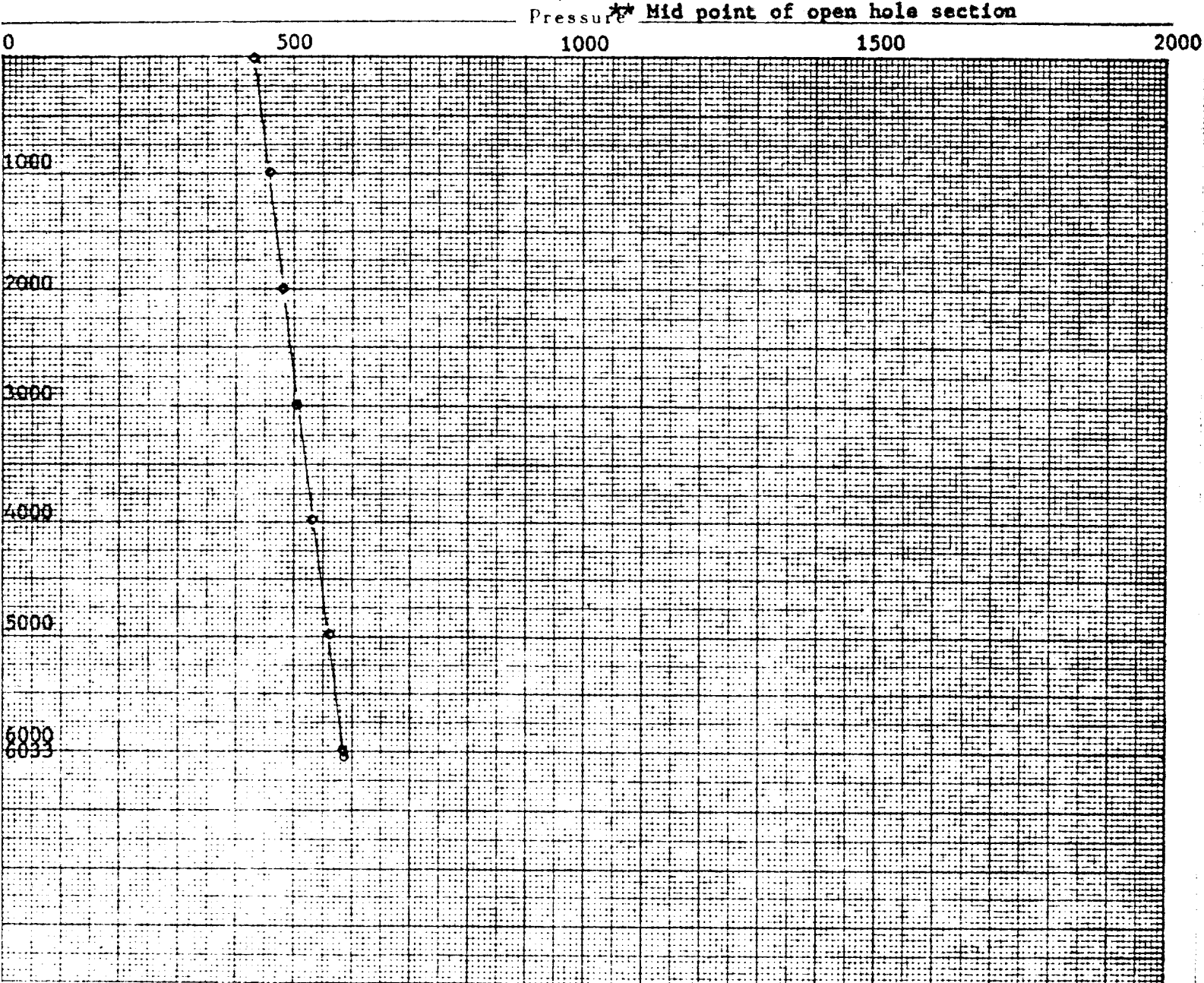
OPERATOR **Texaco, Inc.**
FIELD **Drinkard** FORMATION **Drinkard**
LEASE **A.H. Blinebry NCT-2** WELL **No. 2**
COUNTY **Lea** STATE **New Mexico**
DATE **7-27-74** TIME **12:00 N**
Status **Shut In** Test depth **6033'**
Time S. I. **24.0 Hrs** Last test date **-**
Tub Pres. **438** BHP last test **-**
Gas Pres. **PKR** BHP change **-**
Elev. **3407' GL-10'** Fluid top **NONE**
Datum **(-3718') **** Water top **NONE**
Temp @ **98°F** Run by **Erwin**
Cal. No. **20331** Chart No. **2**

Depth	Pressure	Gradient
0	438	-
1000	459	.021
2000	480	.021
3000	504	.024
4000	528	.024
5000	555	.027
6000	585	.030
6033+	586	.030
7125(-3718)	619* **	(.030)

+ Hit obstruction

* Extrapolated pressure

** Mid point of open hole section



NEW MEXICO OIL CONSERVATION COMMISSION
GAS - OIL RATIO TESTS

C-1116
Revised 1-1-65

Operator TEXACO INC.		Pool Drinkard		County Lea										
Address P. O. Box 728 - Hobbs, New Mexico 88240		TYPE OF TEST - (X)		Completion ☐ Scheduled ☐ Special ☒										
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.
A. H. Blinebry Federal (NCT-2)	2	N	29	22-S	38-E	7-28-74	F 25/64	4	24	0	38.6	4	116	29,000

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

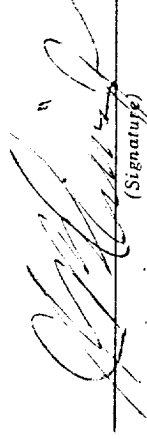
During gas-oil ratio test, each well shall be produced at a rate not exceeding the top unit allowable for the pool in which well is located by more than 25 percent. Operator is encouraged to take advantage of this 25 percent tolerance in order that well can be assigned increased allowables when authorized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

(Title)

August 2, 1974

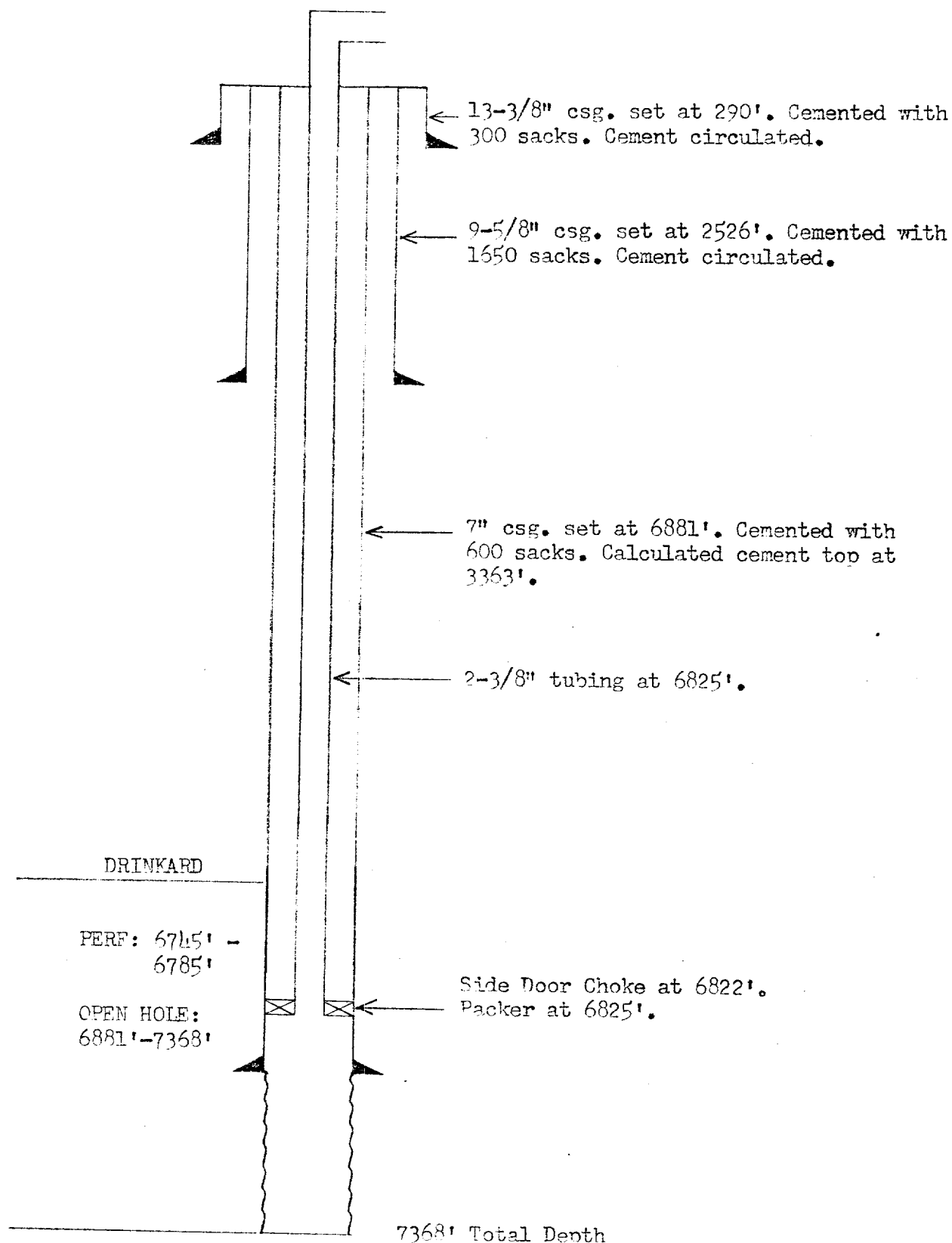
(Date)

OFFSET OPERATORS

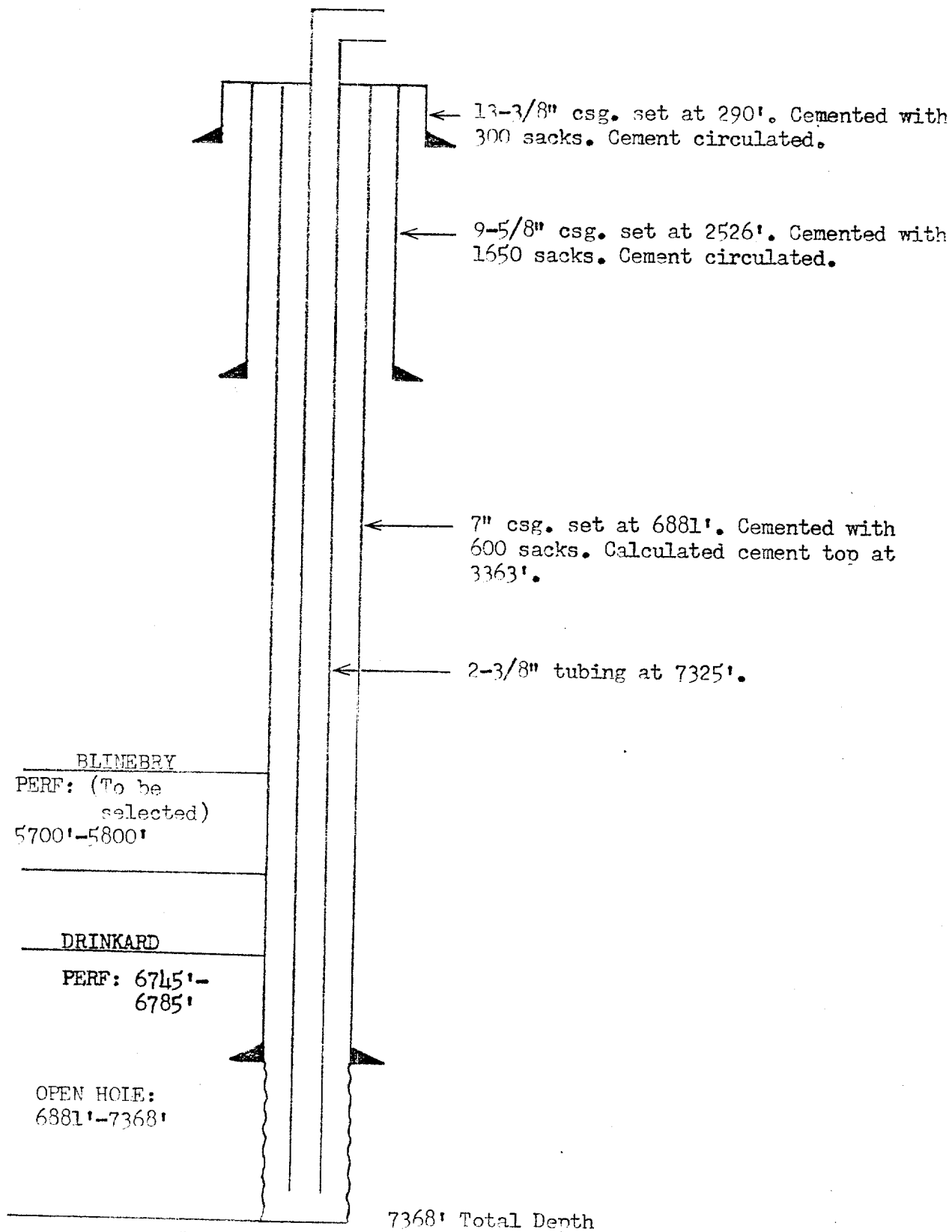
Gulf Oil Corporation
P.O. Box 670
Hobbs, New Mexico 88240

Amoco Production Co.
Bel Aire Bldg.
Hobbs, New Mexico 88240

Summit Energy Inc.
112 N. First
Artesia, New Mexico 88210



Present Completion
 TEXACO INC.
 A.H. BLINERRY (NCT-2) NO. 2
 DRINKARD POOL
 LEA COUNTY, NEW MEXICO



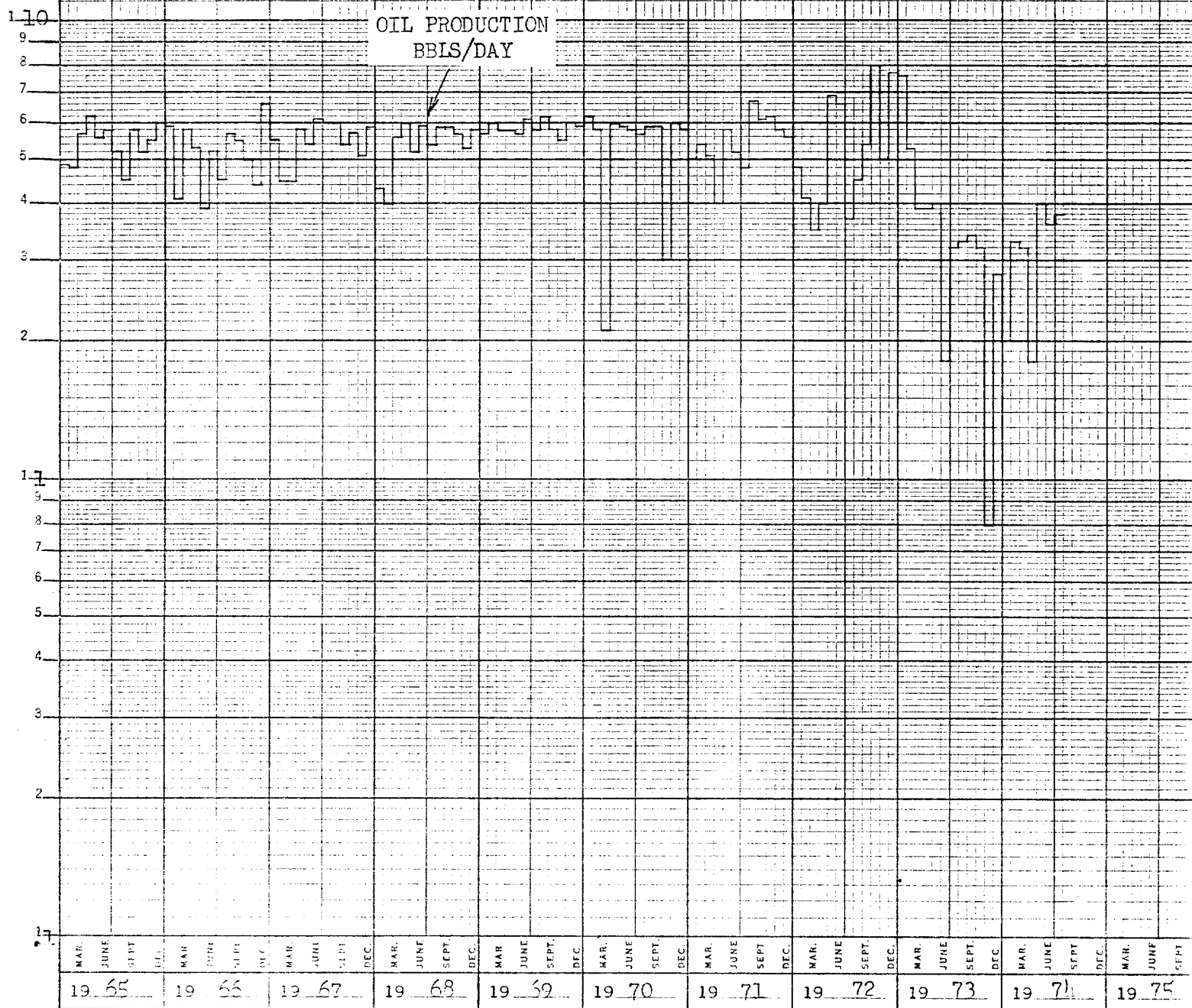
Proposed Completion
TEXACO INC.
A.H. BLINEBRY (NCT-2) NO. 2
BLINEBRY AND DRINKARD POOLS
LEA COUNTY, NEW MEXICO

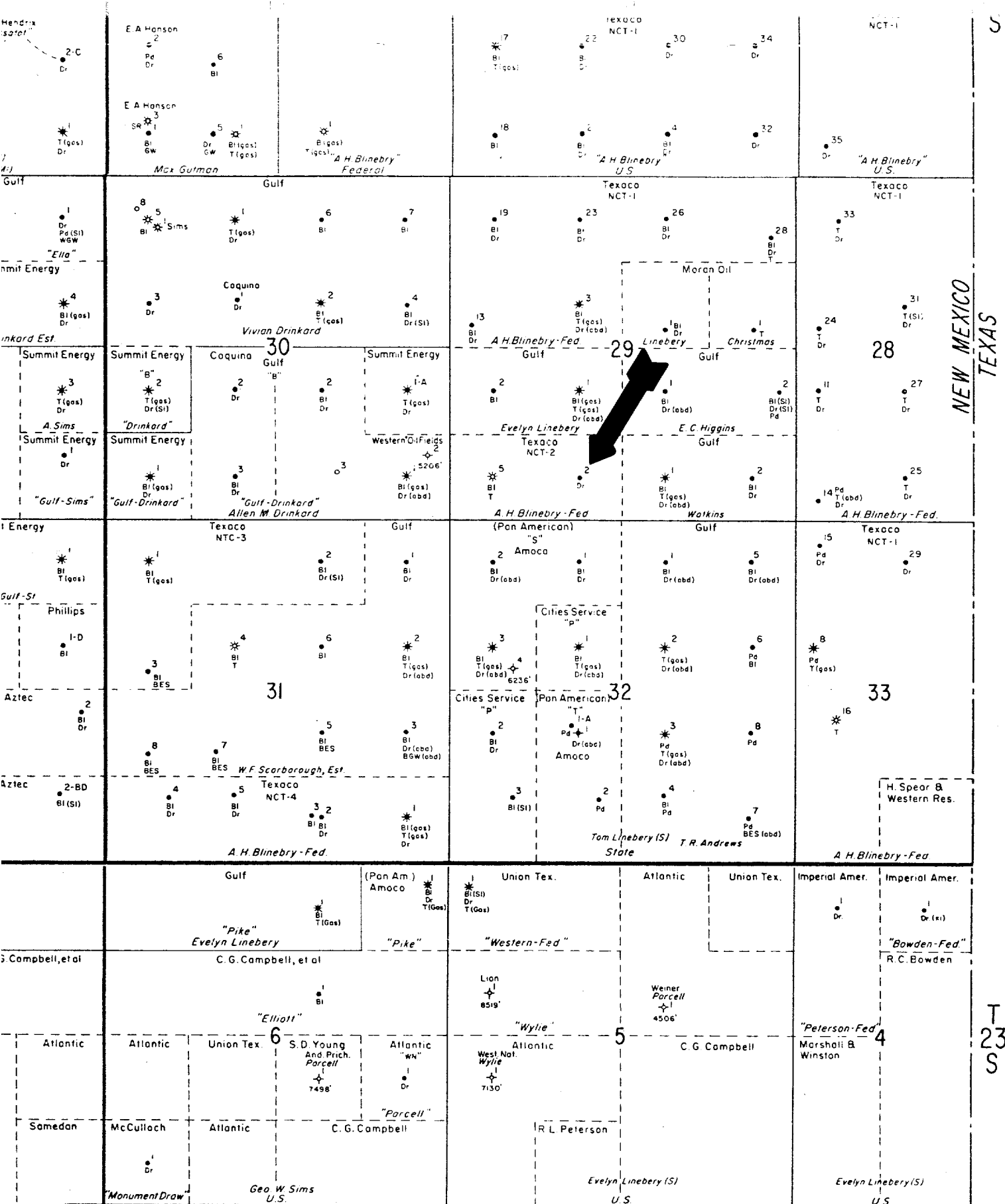
TEXACO INC. MIDLAND DIVISION

Performance Curve

A.H. BLINEBRY (NCT-2) NO. 2
DRINKARD POOL
LEA COUNTY, NEW MEXICO

DRAWN BY: JBS DATE: 8-20-74





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 - LANGLIE MATTIX 7 RIVERS QUEEN
 Pd - PADDOCK
 Ps - PENROSE SKELLY GRAYBURG
 SA - SANTA ROSA (UNDESIGNATED)
 T - TUBB
 GWG - WANTZ GRANITE WASH

TEXACO INC.
 MIDLAND DIVISION
BLINEBRY FIELD AREA
 S.E. LEA COUNTY, NEW MEXICO

SCALE: 0' 1000' 2000'

DRAWN BY: FMR DATE 1-9-69, 4-18-73 5-23-74