



PETROLEUM PRODUCTS

June 19, 1973

TEXACO INC.
DRAWER 728
HOBBS, NEW MEXICO 88240

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

Re: Conversion to Injection
Cotton Draw Unit Well No. 29
Paduca Delaware Pool
Lea County, New Mexico

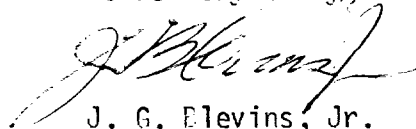
Attention: Mr. A. L. Porter, Jr.

Gentlemen:

Please refer to our letter of May 10, 1973 requesting administrative approval to convert to water injection Cotton Draw Unit Well No. 29 located in Unit K, Section 21, T-25-S, R-32-E, and Cotton Draw Unit Well No. 47 located in Unit C, Section 28, T-28-S, R-32-E, Lea County, New Mexico.

On May 15, 1973, Texaco received Administrative Order WFX No. 394 granting approval to convert to water injection Well No. 47. As of this date, Texaco has received no reply to the request to convert to water injection Well No. 29. Please advise when approval to convert this well to injection can be expected. Your cooperation in this matter is appreciated.

Yours very truly,



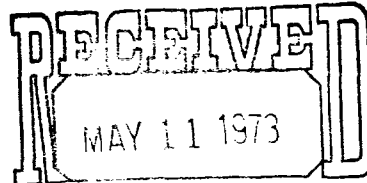
J. G. Elevins, Jr.
Assistant District Superintendent

BRH-BH

Attachment



PETROLEUM PRODUCTS



OIL CONSERVATION COMM.

May 10, 1973

Santa Fe

TEXACO INC.

DRAWER 728

HOBBS, NEW MEXICO 88240

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

W. 1 - 394

to conserve pool

Re: Conversion to Injection
Cotton Draw Unit Well No. 47
Paduca Delaware Pool
Lea County, New Mexico

Attention: Mr. A. L. Porter, Jr.

Gentlemen:

Texaco Inc. respectfully requests administrative approval of the New Mexico Oil Conservation Commission to convert to water injection the Cotton Draw Unit Well No. 47 located in Unit C, Section 28, T-25-S, R-32-E. Previous authorization for the Cotton Draw Unit was granted by Commission Order No. R-3314 dated September 11, 1967. The proposed injector is located in a pattern that will result in a more thorough and efficient sweep of the reservoir.

Injection will be into the Delaware Sand of the Paduca Delaware Pool at a depth of 4618' to 4658'. Initial injection will be at a rate of approximately 700 barrels of water per day at an estimated surface pressure of 1000 psi. The source of water will be from supply wells located in Section 2, T-25-S, R-32-E and from a supply well which is to be drilled in the near future located in Section 1, T-25-S, R-32-E. Water from this source is obtained from the Rustler formation. Water injection facilities on Texaco's Cotton Draw Waterflood Project will be utilized to inject into the proposed injection well.

Attached is a plat showing all wells and lessees within a two mile radius of the proposed injection well, a diagrammatic sketch of the well, a log of the well showing the injection interval, production performance curve and Forms C-116.

In the event that a hearing is required for the application, please schedule an examiner hearing at the earliest possible date.

Yours very truly,

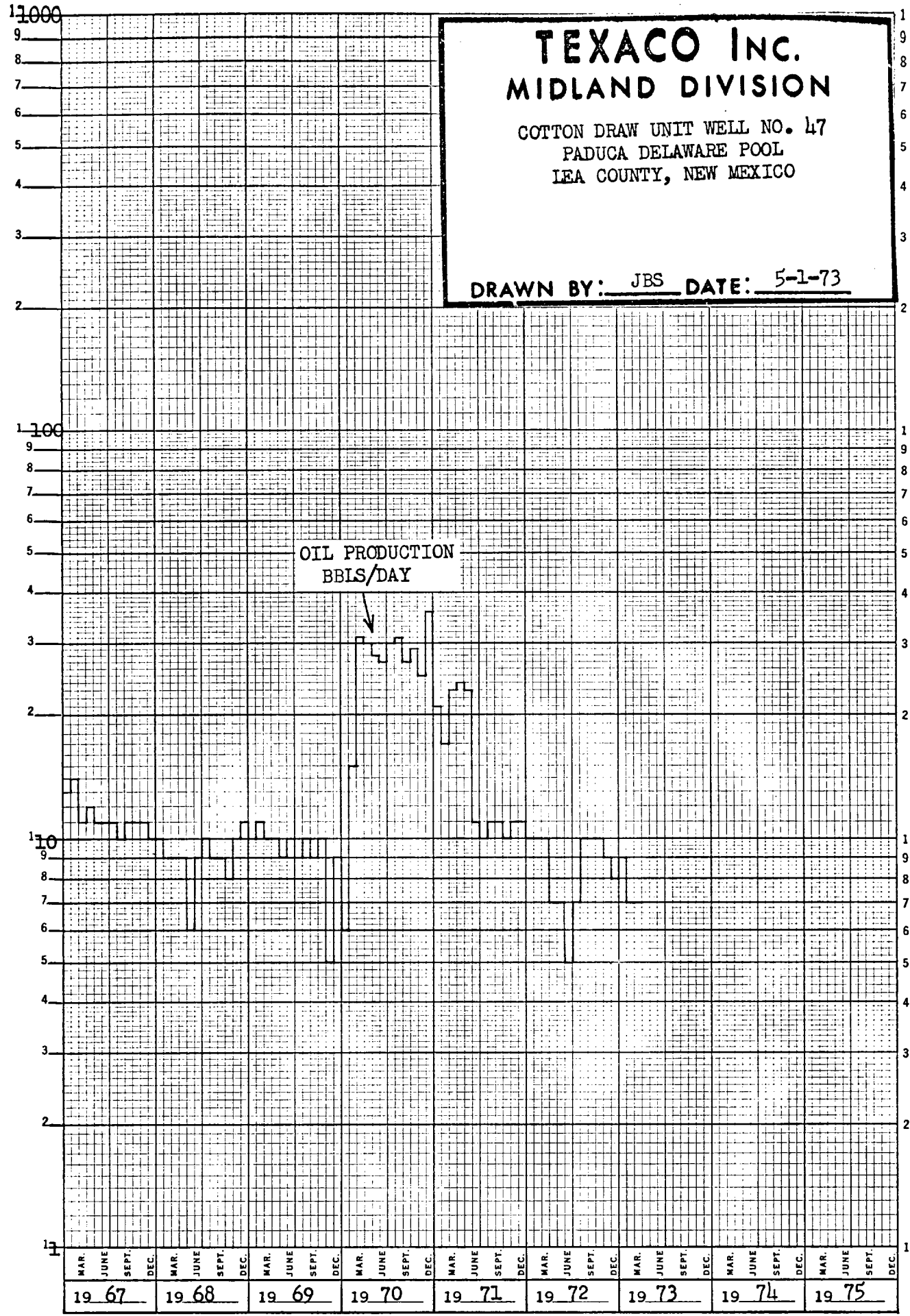
J. V. Gannon
District Superintendent

KLP-BH

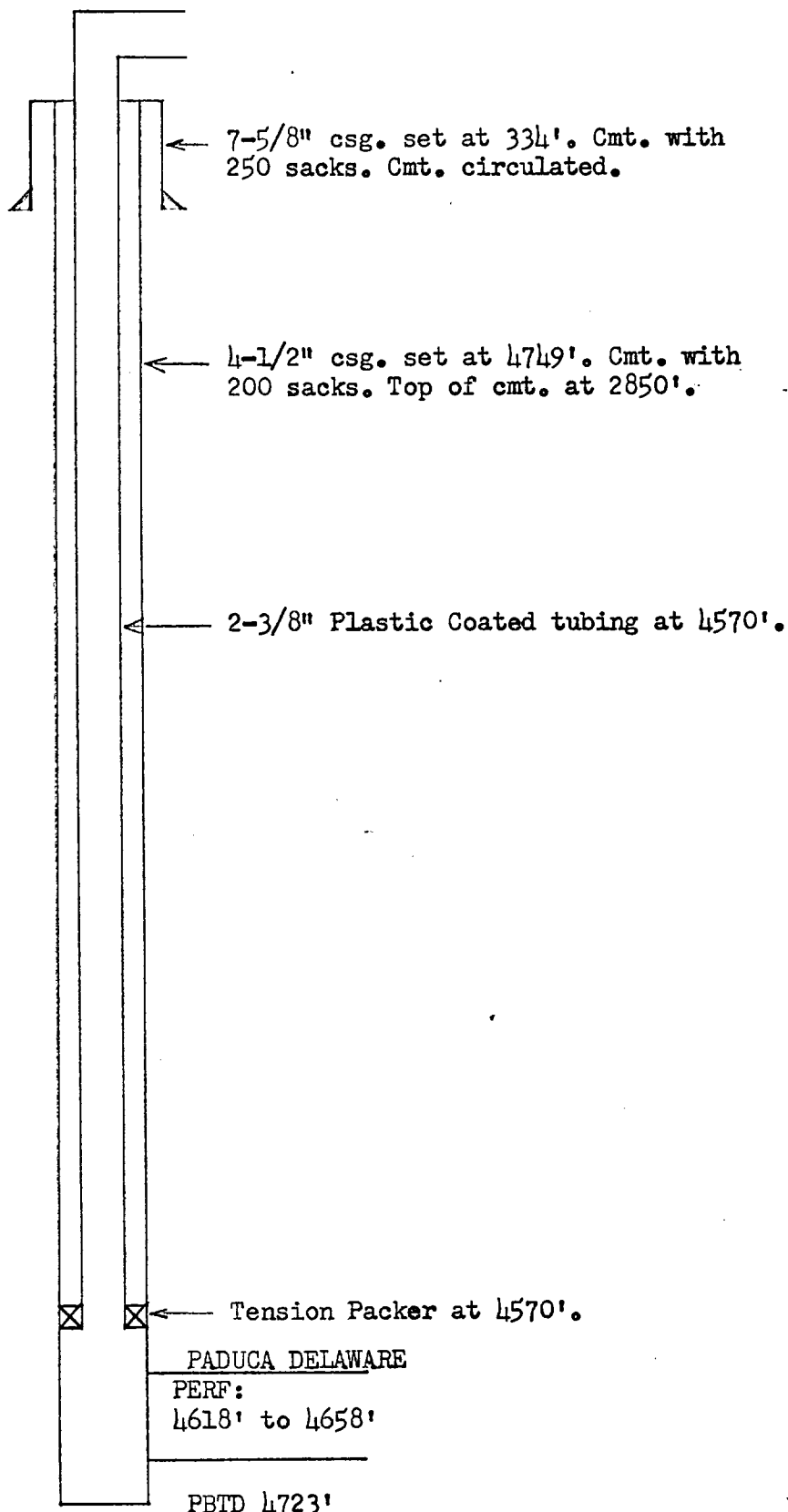
MAS, Jr.

Attachments

20 YEARS BY MONTHS
K-2 X 3 LOG CYCLES
MADE IN U.S.A.
KEUFFEL & ESSER CO.



Tubing-Casing annulus loaded with inhibited fluid.



Proposed Injection Well
TEXACO INC.
COTTON DRAW UNIT WELL NO. 47
PADUCA DELAWARE POOL
LEA COUNTY, NEW MEXICO

C-116
Revised 1-1-65

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)

May 2, 1973

(Date)

C-116
Revised 1-1-65

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 (Signature)
 Assistant District Superintendent
 (Title)
 May 2, 1973

FILE NO.

COMPANY TEXACO INC.

WELL COTTON DRAW UNIT NO. 47

FIELD PADUCAH DELAWARE

COUNTY LEA STATE NEW MEXICO

LOCATION: 660' FNL & 1980' FWL

Other Services

SEC 28 TWP 25-S RGE 32-E

Permanent Datum Ground Level Elev. 3382

Log Measured from K.D.B. 10' Ft. Above Permanent Datum

Drilling Measured from K.D.B.

Elevations:
KB 3392
DF 3390
CL 3382

Date	5-1-61			
Run No.	One			
Depth—Driller	4750			
Depth—Logger	4755			
Bottom Logged Interval	4751			
Top Logged Interval	Surface			
Casing—Driller	7 7/8" @ 350	@	@	@
Casing—Logger				
Bit Size	6 3/4"			
Type Fluid in Hole	Salt Gel			
Density and Viscosity	10.5 34			
pH and Fluid Loss	7.0 cc	cc	cc	cc
Source of Sample	Pit			
Rm @ Meas. Temp.	04 @ 82 °F	@	@	@
Rmf @ Meas. Temp.	03 @ 82 °F	@	@	@
Rmc @ Meas. Temp.	048 @ 82 °F	@	@	@
Source of Rmf and Rmc	Meas.			
Rm @ BHT	032 @ 99 °F	@	@	@
Time Since Circ.	2 1/2 Hours			
Max. Rec. Temp. Deg. F.	99 °F	°F	°F	°F
Equip. No. and Location	L-4596Hobbs			
Recorded By	Mox			
Witnessed By	Mr. Steelman			

