



PETROLEUM PRODUCTS

May 24, 1973

WVA - 395
100 x 12
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 Water Injection
W. H. Rhodes 'A' Well No. 6
Rhodes (Yates-Seven Rivers Queen) 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 W. H. Rhodes 'A' Well No. 6 located in Unit L, Section 22, T-26-S, R-37-E. Previous authorization for the Rhodes 'A' Federal Waterflood project was granted by Commission Order No. R-2748. 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 Yates-Seven Rivers Queen Pool at a depth of 3100' to 3287'. Initial injection will be at a rate of approximately 500 barrels of water per day at an estimated surface pressure of 1500 psi. The source of water will be from supply wells located in Sections 9 and 27, T-26S, R-37E. Water from this source is obtained from the Santa Rosa and Ogallala formations.

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 and a log of the well showing the injection interval.

All offset operators have been notified of this application and a copy of the application has been sent to Mr. Joe D. Ramey, New Mexico Oil Conservation Commission, Hobbs, New Mexico.

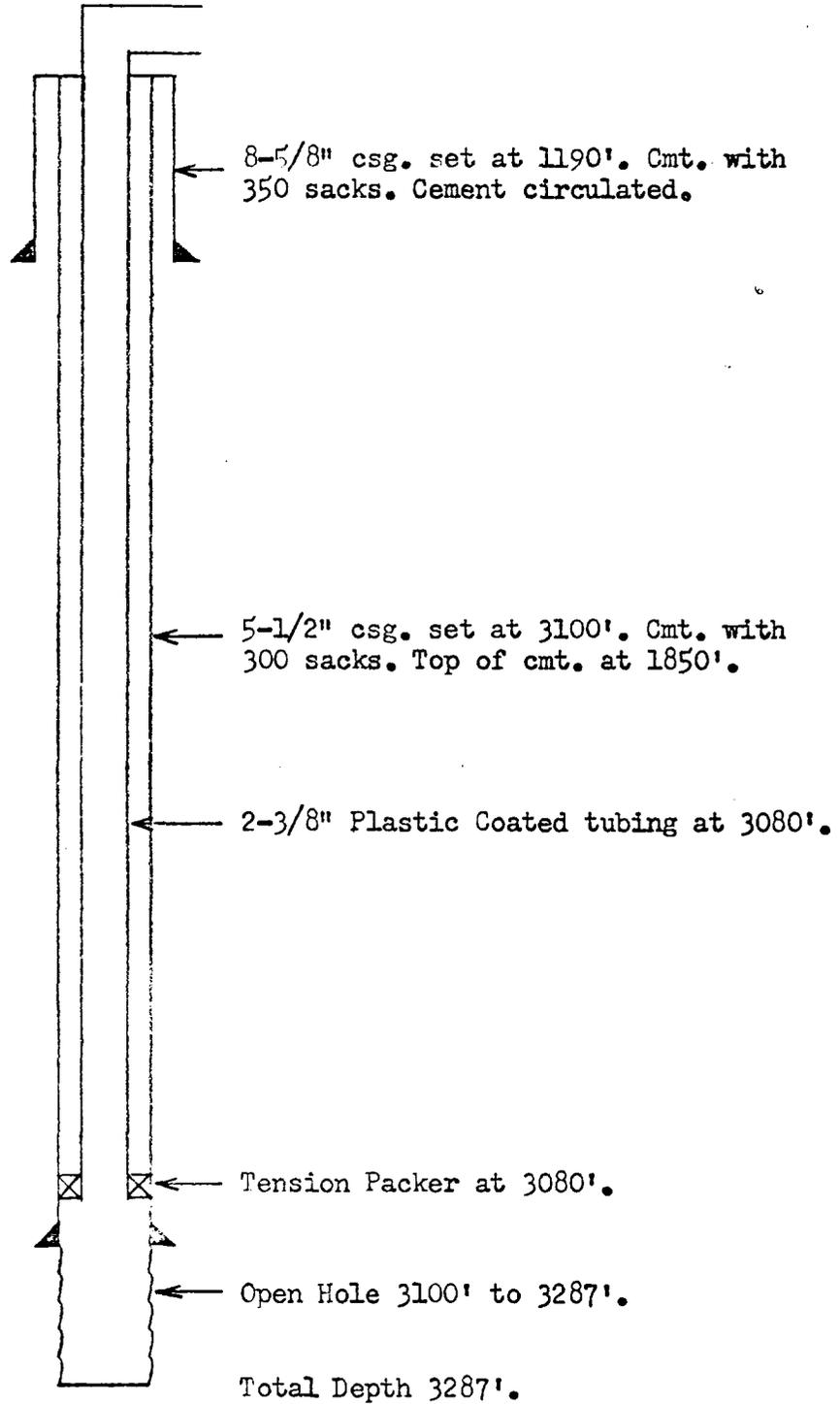
Yours very truly,

J. V. Gannon
District Superintendent

KLP-BH
MAS, Jr.
NMOCC-Hobbs, N.M.

Attachments

Tubing-Casing annulus loaded with inhibited fluid.



Proposed Injection Well
TEXACO INC.
W.H. RHODES "A" WELL NO. 6
RHODES YATES SEVEN RIVERS QUEEN POOL
LEA COUNTY, NEW MEXICO



Well Log

P. O. BOX 414
MIDLAND, TEXAS

COMPANY: TEXACO INCORPORATED
 WELL: RHODES "A" NO. 6
 FIELD: RHODES
 LOCATION: SEC. 22, T-26-S.
 COUNTY: LEA
 STATE: NEW MEXICO

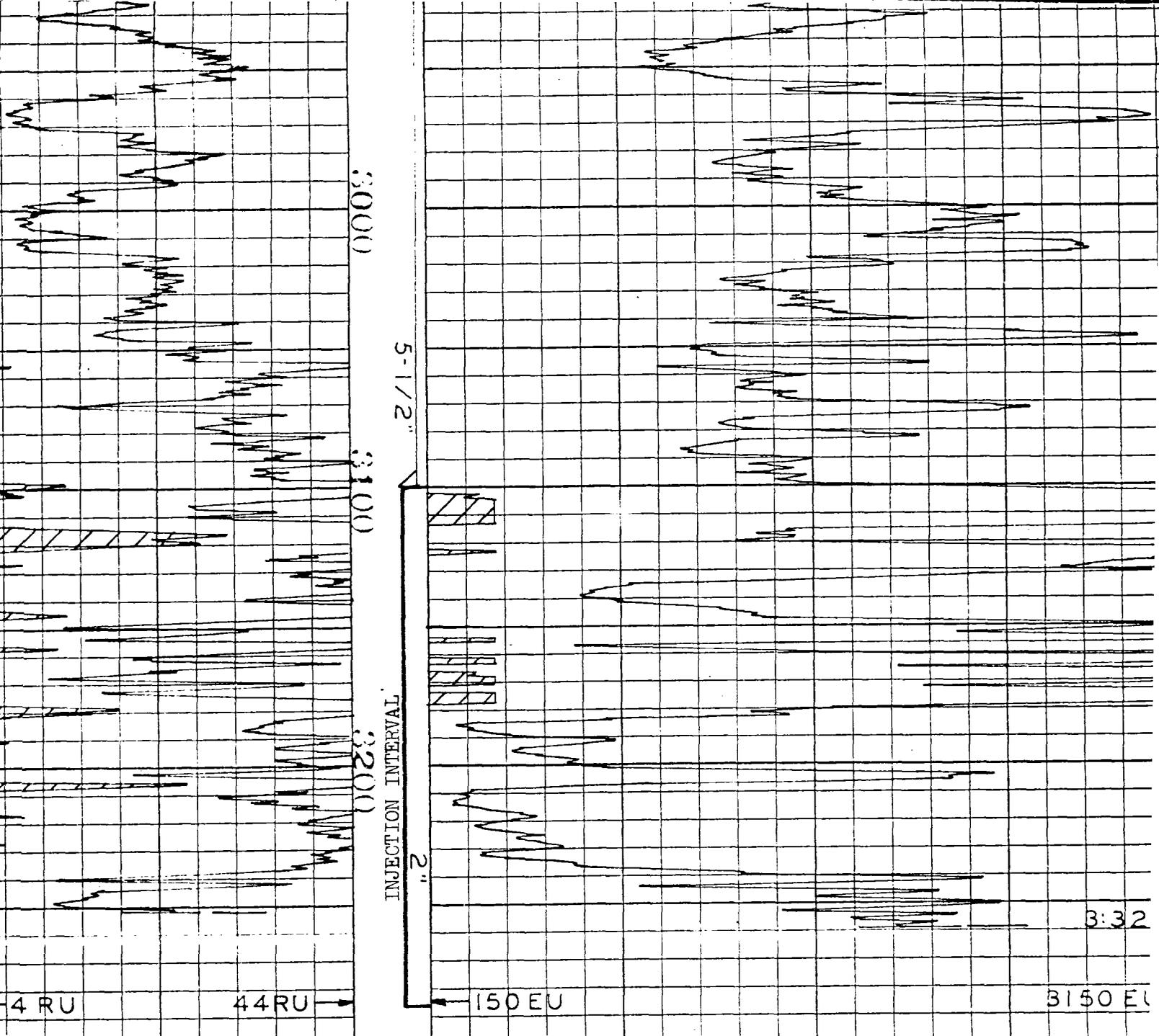
COMPANY: TEXACO INCORPORATED
 WELL: RHODES "A" NO. 6
 FIELD: RHODES
 LOCATION: 1980' FSL, 660' FWL, SEC. 22,
 T-26-S, R#37-E.
 COUNTY: LEA STATE: N.M.

Well Location
 ELEV. DF 2987
 ELEV. KB
 ELEV. GND 2976

LOG ZERO 11' ABOVE GROUND LEVEL ELEV. 2987
 DRIG ZERO DERRICK FLOOR ELEV. 2987
 PERM. DATUM GROUND LEVEL ELEV. 2976

TYPE OF LOG	G/R	N/N
DATE	1-0-W.	1-0-W.
TOTAL DEPTH (DRILLER)	3-25-60	3-25-60
EFFECTIVE DEPTH (DRILLER)	3287	3287 (BACK)
TOP OF LOGGED INTERVAL	3262	3262
BOTTOM OF LOGGED INTERVAL	SURF.	SURF.
TYPE OF FLUID IN HOLE	3252	3259
FLUID LEVEL	OIL & GAS	
MAXIMUM RECORDED TEMP.	192	192
O.D. OF INSTRUMENT—IN.	---	---
DETECTOR CLASS	1 3/4	1 3/4
DETECTOR TYPE	SCINT.	P-COUNTER
LENGTH OF MEAS. DEVICE—IN.	D4G2	D3NA
SOURCE, STRENGTH AND TYPE	4	6
SOURCE SPACING—IN.	---	S10A3
TIME CONSTANT—SECONDS	---	13.0
LOGGING SPEED FT./MIN.	2 - 1.5	2 - 1.5
STATISTICAL VARIATION—IN.	25-35	25-35
SENSITIVITY REFERENCE	RECORDED	RECORDED
RECORDED BY	C-933	D-368
WITNESSED BY	HOWARD	HOWARD
	MR. LIPSCOMBE	

RUN	BIT SIZE	CASING WT.—LB.	FROM WELL RECORD	FROM LOG
1	8 5/8	28	SURF. TO 1190	SURF. TO ---
1	5 1/2	14	SURF. TO 3100	SURF. TO ---
1	2 TUBING		SURF. TO 3262	SURF. TO ---
1	0.H.		3100 TO 3287	--- TO ---



3:32

3150 EU

150 EU

44 RU

4 RU

LARGE FORMAT
EXHIBIT HAS
BEEN REMOVED
AND IS LOCATED
IN THE NEXT FILE