



PC and K/R



September 27, 1995

New Mexico Oil Conservation Division
2040 South Pacheco
Santa Fe, New Mexico 87505

Attn: Mr. William J. Lemay
Chairman and Director, New Mexico Oil Conservation Division

RE: BATTERY REVISION ON SURFACE COMMINGLING ORDER PC-912
SDE '31' Federal Battery (NM-18848)
South Sand Dunes Bone Spring Pool and West Triste Draw Delaware Pool
Ltr F, Sec. 31, T-23 S, R-32-E (Battery Location); Lea County, New Mexico

Gentlemen:

The New Mexico Oil Conservation Division recently authorized the surface commingling of production from the South Sand Dunes Bone Spring and the West Triste Draw Delaware Pools at the above battery. This letter serves as notification by Texaco Exploration and Production Inc. of a revision in the design of the battery. Initially, TEPI planned to install two separate 3-phase production separators, one for each of the two pools. This design was due to the expectation of top allowable wells on the SDE 19 Federal and SDE 31 Federal leases. All of the production from the six completed Bone Spring wells and three completed Delaware wells is presently of a marginal nature.

Because all of the commingled production will be of a marginal nature, TEPI now proposes to have one production header with the production from all of the wells going into one 3-phase production separator for both pools. As described in the initial application, there will be one 3-phase test separator where each well will be tested several times per month with the oil, water, and gas being measured separately. Total monthly production will be allocated to each well based on these well tests. The oil and water from the test separator will then be directed to the production separator for total production measurement prior to the oil dumping to the oil storage tanks and the water dumping to the water tank. The oil will be sold through a LACT unit to Texas New Mexico Pipeline Company and the gas will be sold to Hadson Gas Gathering & Production Company. Water from the battery will be hauled to a disposal well. Basically, the only change in the battery design is having one production separator instead of two.

I have attached a revised schematic of the tank battery. I have also attached a plat showing the location of both the producing and proposed wells and the battery. If you have any questions concerning this battery revision, please contact me at 397-0418. Thank you for your assistance in this matter.

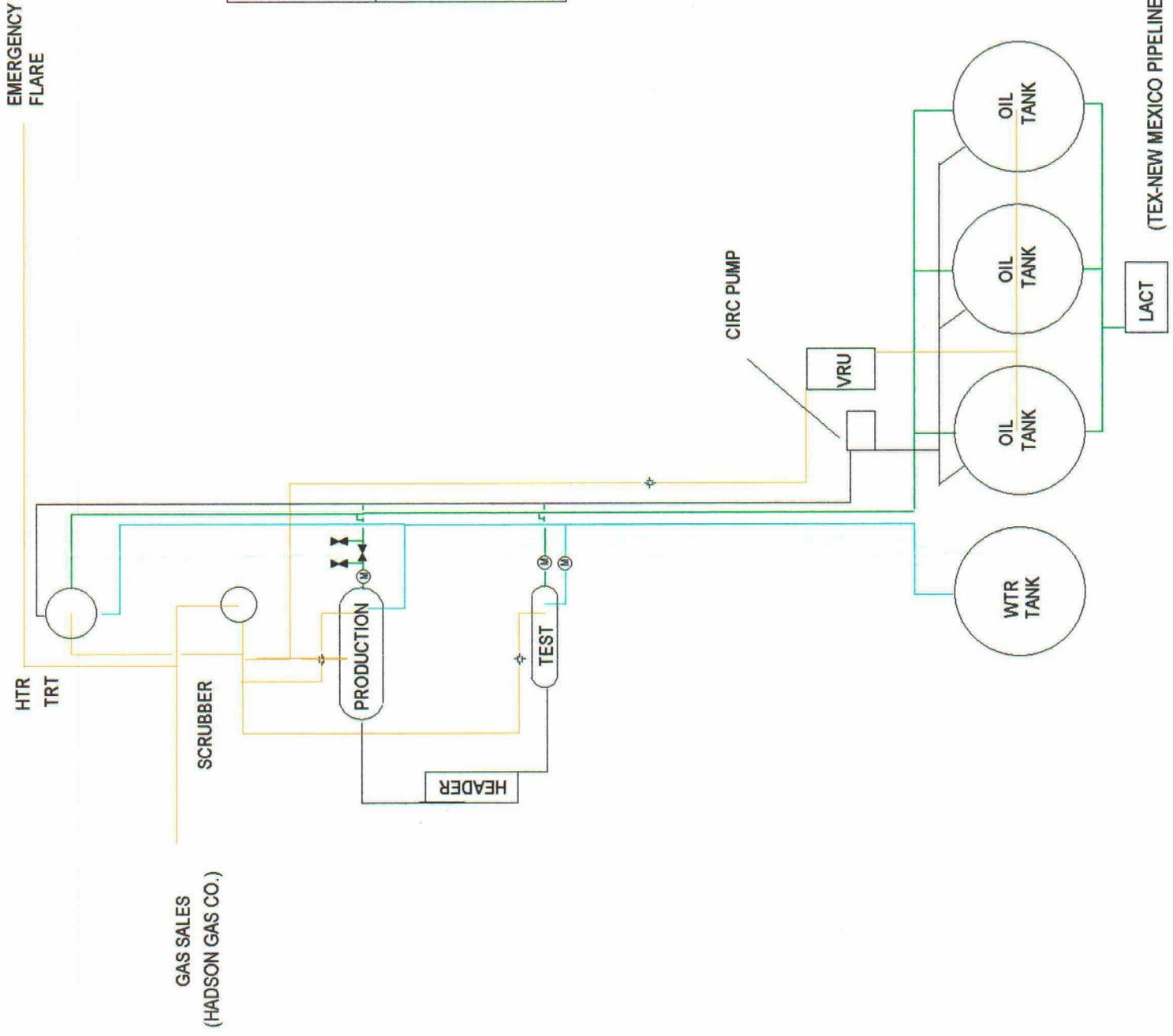
Yours very truly,

Monte C. Duncan
Engineer's Assistant

/mcd

Chrono, Attachments

cc: New Mexico Oil Conservation Division, District I Office

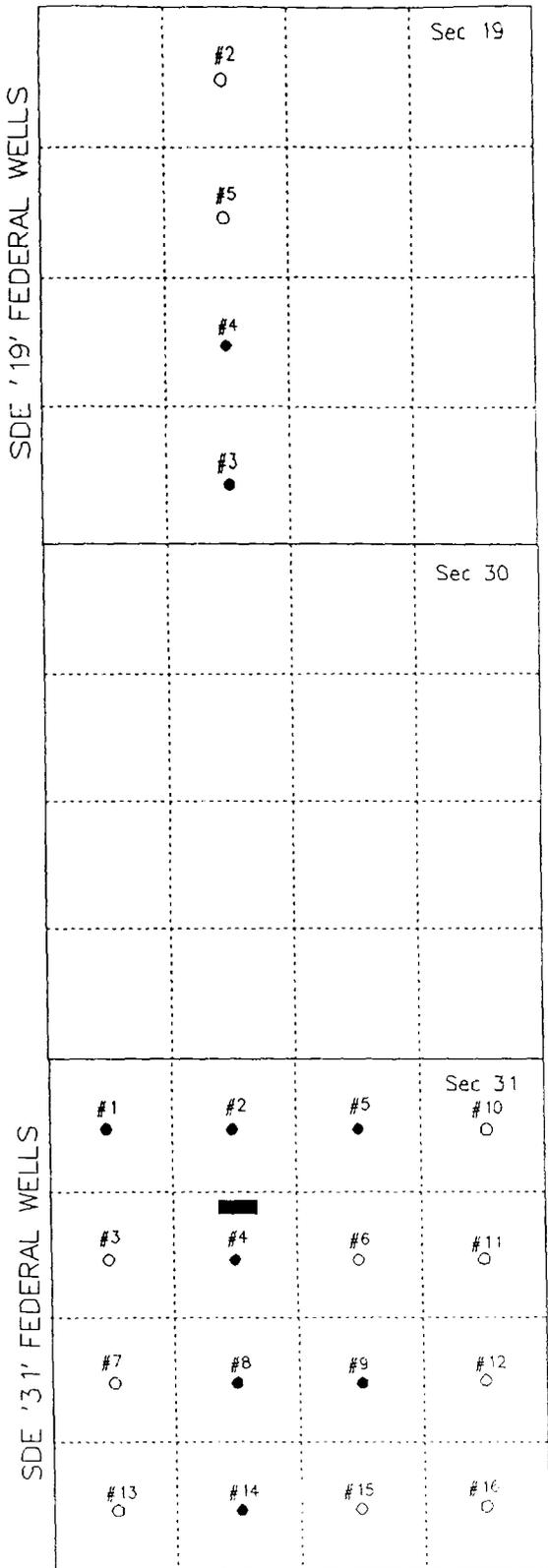


GAS SALES
(HADSON GAS CO.)

TEXACO EXPL & PROD INC
SDE 31 FEDERAL T/B
SEC 31, T-23-S, R-32-E
LEA CO, NEW MEXICO

—	MIXTURE	—	WATER
—	OIL	—	GAS
+	GAS METER	⊕	METER
⌘	3-WAY ACTUATED VALVE		

(TEX-NEW MEXICO PIPELINE CO.)



TEXACO EXPLORATION AND PRODUCTION INC.

SDE '31' FEDERAL LEASE

FEDERAL LEASE NM-18848

TOWNSHIP 23 SOUTH, RANGE 32 EAST

LEA COUNTY, NEW MEXICO

■ Battery located in Unit Ltr F,
Sec 31, T-23-S, R-32-E

● Producing Wells

○ Proposed Wells

All flowlines above ground