## N. M. CIL CONS. COMMASSION P. O. BOX 1980 HOBBS, NEW MEXICO 88240

## YATES DRILLING COMPANY

105 SOUTH FOURTH STREET - (505) 746-9889

FAX (505) 746-6480 TELEX 508891 (YPCART) ARTESIA. NEW MEXICO 88210 May 17, 1989 PEYTON YATES
PRESIDENT

S. P. YATES VICE PRESIDENT

RANDY G. PATTERSON SECRETARY

DENNIS G. KINSEY
TREASURER

Bureau of Land Management P.O. Drawer 1857 Roswell, New Mexico 88201

Attention: Stan Mayo

Re: Dave Federal #1 & #2 Section 34-12S-31E

Chaves County, N.M.

## Gentlemen:

Yates Drilling Company respectfully requests permission to dispose of produced water from the captioned wells.

The wells produce from the Queen formation. They produce little or no water. We do, however, put hot water down the wells to break up the salt build up.

The water will be stored in a 20 barrel fiberglass tank and will be hauled to a disposal by O.K. Hot Oil Company. I am enclosing a letter from O.K. Hot Oil that gives the name of the disposal and the permit number. Also enclosed find a copy of the water analysis.

You consideration of our request is appreciated.

APPROVED
PETER W. CHESTER

JUN 2 1989

BUREAU OF LAND MANAGEMENT ROSWELL RESOURCE AREA Sincerely,

YATES DRILLING COMPANY

Karen J. Leishman Production Clerk

enclosures

Orthell Kinnibrugh Home: (505) 677-2100 Arvin Kinnibrugh Home: (505) 746-3425 Randy Kinnibrugh Home: (505) 748-3736 Tracy Kinnibrugh Home: (505) 677-2330

Hot Bil Service, Inc.

P. O. Box 146

Auco Hills, NA 88255

Office: (505) 677-2262

— 24 Hour Call —

Artesia Auswering Service

(505) 746-4302

May 17, 1989

O.K. Hot Oil Service, Inc. disposes of produced water from Yates Drilling operated wells at Loco Hills Water Disposal. Their permit number is R-68-11. Their location is S16-T17-R30.

Sincerely, Rondy Timely W



Artesia, New Mexico 88210

## **WATER ANALYSIS REPORT**

Company Yates Drilling Co.	Date <u>2-2-89</u>
Field Caprock Queen	County Chaves State N.M.
Lease and Well No. Dave Fed. #1 Prod. Form	ation
Source of Sample Water tank	
Sample of Prod. Water □ Inj. Water □ Other □	
Date Collected 2-1-89Analyst _	F. Jones
WATER ANALYSIS PATTERN (NUMBER BESIDE ION SYMBOL INDICATES me/l* SCALE UNIT)	
Na* 20 15 10 5 0	5 10 15 20 <sub>C1</sub> -
Ca**	HCO3~
M8**	\$O4=
Fe***	co3=
Dissolved Solids Constituent MG/L (PPM)	EPM ph _ 6.8
Calcium 1840 — Magnesium 4390 —	Sp. Gravity
Sodium 81,500	<del></del>
Iron <u>3+</u> Chloride <u>172,000</u>	
Bicarbonate 310	
Carbonate Nil	
Sulfate 2400 —	
Total Hardness 8490	
Total Dissolved Solids 183,200	
Hydrogen Sulfide5+	
Remarks:	S S S S S S S S S S S S S S S S S S S