

BEFORE THE  
OIL CONSERVATION COMMISSION  
DEPARTMENT OF ENERGY AND MINERALS

APPLICATION OF TEXACO PRODUCING, INC.  
FOR PERMITS TO DRILL IN POTASH-OIL  
AREA, EDDY COUNTY, NEW MEXICO

Case No. 9148

Case No. 9158

AUTHENTICATION

William R. Humphries, duly sworn states:

1. I am the duly elected Commissioner of Public Lands for the State of New Mexico (State Land Commissioner) and am competent to testify to the matters stated herein.

2. As State Land Commissioner, I am the custodian of all records maintained at the New Mexico State Land Office.

3. I certify that the attached documents are true and exact copies of the originals maintained in the files and records of the New Mexico State Land Office.

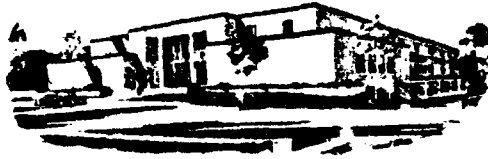
Further affiant sayeth not;

William R. Humphries  
Commissioner of Public Lands

By W R Humphries

Dated this 8th day of June, 1987.

BEFORE THE	
OIL CONSERVATION COMMISSION	
Santa Fe, New Mexico	
Case No. <u>9148</u>	Exhibit No. <u>5</u>
Submitted by <u>TEXACO</u>	
Filing Date <u>6.18.87</u>	



**W.R. HUMPHRIES**  
**COMMISSIONER**

P.O. BOX 1148  
SANTA FE, NEW MEXICO 87504-1148

Re: Forty Niner Ridge Unit  
1987 Plan of Development  
Eddy County, New Mexico

cc: OCD-Santa Fe, New Mexico  
BLM-Roswell, New Mexico Attn: Mr. Armando Lopez  
Gulram, Inc.



Joe E. King  
District Manager

Texaco USA

March 24, 1987  
District Manager

March 24, 1987

District Supervisor  
Bureau of Land Management  
Roswell District Office  
P. O. Box 1397  
Roswell, New Mexico 88201

Commission of Public Lands  
State of New Mexico  
Capitol Annex Building  
Santa Fe, New Mexico 87501

RE: FORTY NINER RIDGE UNIT  
EDDY COUNTY, NEW MEXICO

Gentlemen:

In accordance with Section 10 of the Unit Agreement for the development and operations of the Forty Niner Ridge Unit, Eddy County, New Mexico, Texaco Inc. submits for your approval a report of past operations and a plan of development for 1987.

PAST OPERATIONS

The Forty Niner Ridge Unit No. 1 was completed November 10, 1973, in the Morrow gas zone for an initial CAOF of 3,703 MCFPD. The well is located in Unit Letter "J", 1980 FSL and FEL, Section 16, T-23-S, R-30-E, Eddy County, New Mexico. The cumulative Morrow production at abandonment on October 1, 1981, was 870,011 MCF.

A Wolfcamp completion in Well No. 1 during June, 1982, proved to be non-productive. Later in June, a successful completion of the Forty Niner Ridge Bone Spring pay was made from perforations at 7564'-89'. The Bone Spring initially produced 37 BOPD and 250 MCF on June 27, 1982, and stabilized at 12 BOPD and 15 MCFPD in July, 1982. The Bone Springs pay was plugged back in August, 1984. Cumulative production from the Bone Springs in Well No. 1 was 2744 barrels of oil.

March 24, 1987

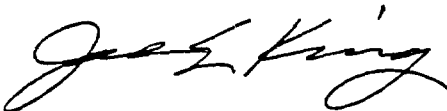
Well No. 1 was recompleted in the Delaware Cherry Canyon on August, 1984. Initial production was 128 BOPD, 267 BWPD, and 19 MCF. Cumulative production from the Delaware zone as of December 1, 1986, was 30,649 barrels of oil. The average daily production during November, 1986, was 18 BOPD, 78 BWPD, and 10 MCFPD.

The second well, the Forty Niner Ridge Unit No. 2, was completed November, 1974, as a Morrow producer. The well is located 1980' FNL and FEL of Section 21, T-23-S, R-30-E. The initial CAOF was 2492 MCFPD. Cumulative production from the Morrow zone was 42,696 MCF prior to abandonment in August, 1977. The well was recompleted in the Forty Niner Ridge Bone Spring on September 1, 1979. Perforations were at 7514'-68'. The initial potential on October 19, 1977, was 11 BOPD, 46 MCFPD, and 8 BWPD. Cumulative production to December 1, 1986, was 15,394 BO. The average daily production during November, 1986, was 2.5 BOPD, 0.1 BWPD, and 7 MCFPD.

PLAN OF DEVELOPMENT 1987

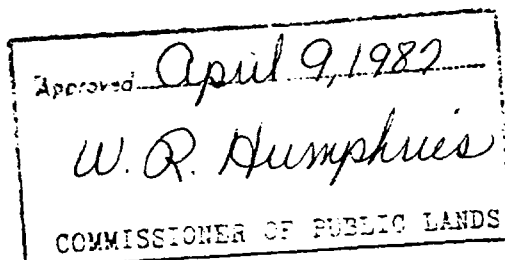
Texaco's plans for 1987 will be the drilling of two additional wells to the Delaware. These new wells will be drilled at locations that are yet to be determined. Also, Texaco plans to recomplete Well No. 2 to the Delaware.

Yours very truly,

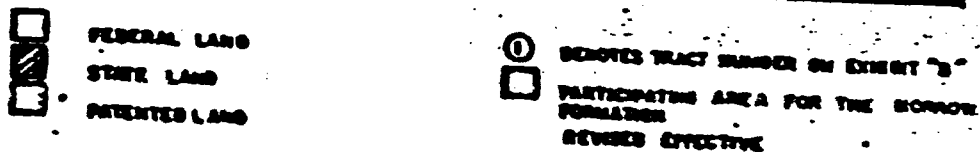


PWS:mad

Attachments



**EXHIBIT A**  
**Forty-Miner Ridge Unit Area**  
**T-23-S, R-30-E, N.M.P.M.**  
**Eddy County, New Mexico**



- ① Forty Miner Ridge Unit I  
Interval: Forty Miner Ridge Delaware - Producing
- ③ Forty Miner Ridge Unit II  
Interval: Forty Miner Bone Spring-Producing

NEW MEXICO REGION

PRODUCTION VS TIME

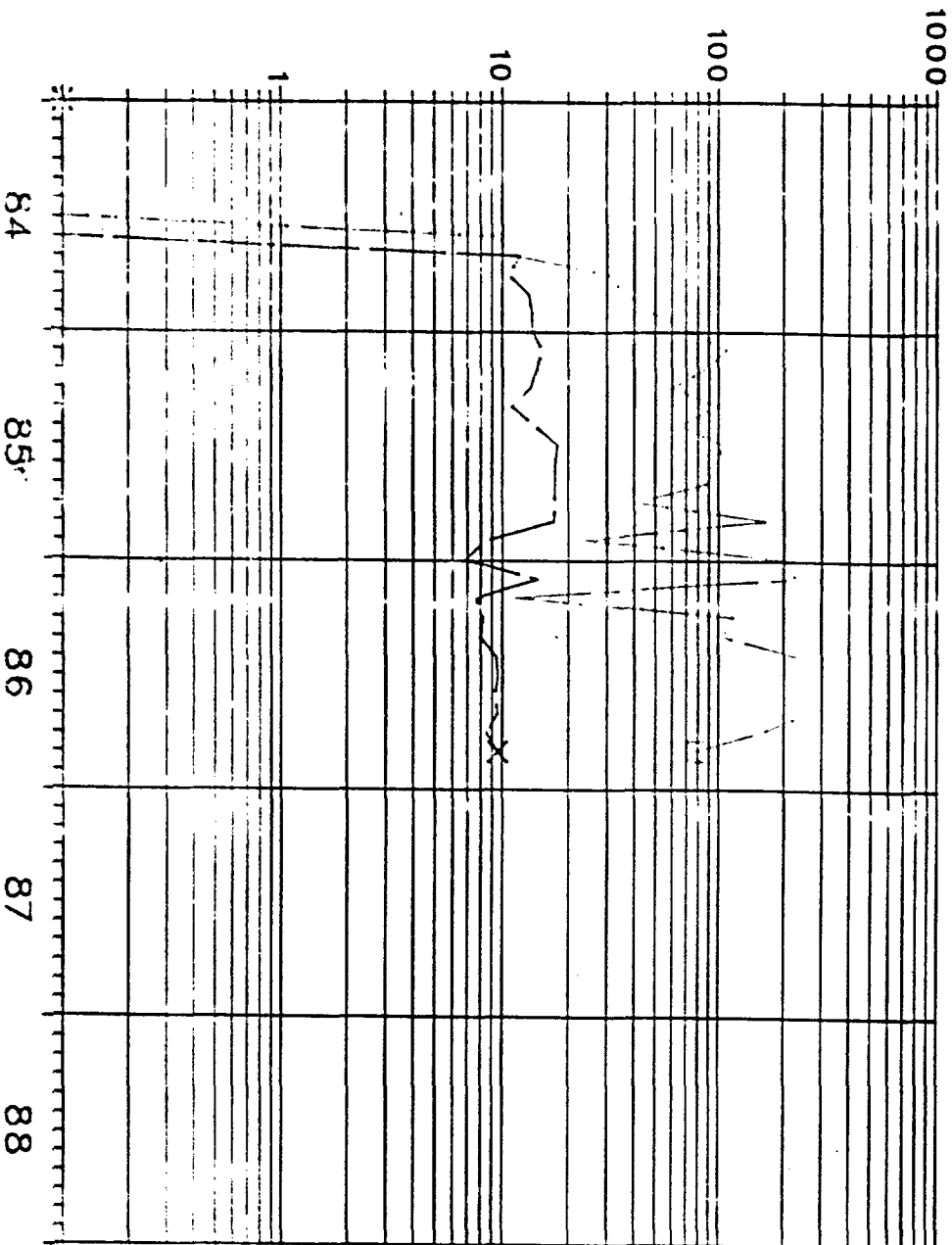
87-03-25

STATE: NEW MEXICO  
ENGINEER: P.W. SMITH  
COUNTY: EDDY  
FLD: FORTY NINER RIDGE DELAWARE  
ZONE: DELAWARE

PROP: FORTY NINER RIDGE UNIT 1  
PROP NO: 238460 WNUM: 001  
LOCATION: 23S 30E 16J  
OPER: TEXACO PRODUCING CO.

UPPER PERF: N/A  
LOWER PERF: N/A

PRODUCTION PER DAY



CRUDE (BBLS)  
X GAS (MCF)  
-- WATER (BBLS)

CUM. TOTALS  
THRU 11/30/86  
CRUDE: 30649  
GAS : 9924  
WATER: 91321

NEW MEXICO REGION

PRODUCTION VS TIME

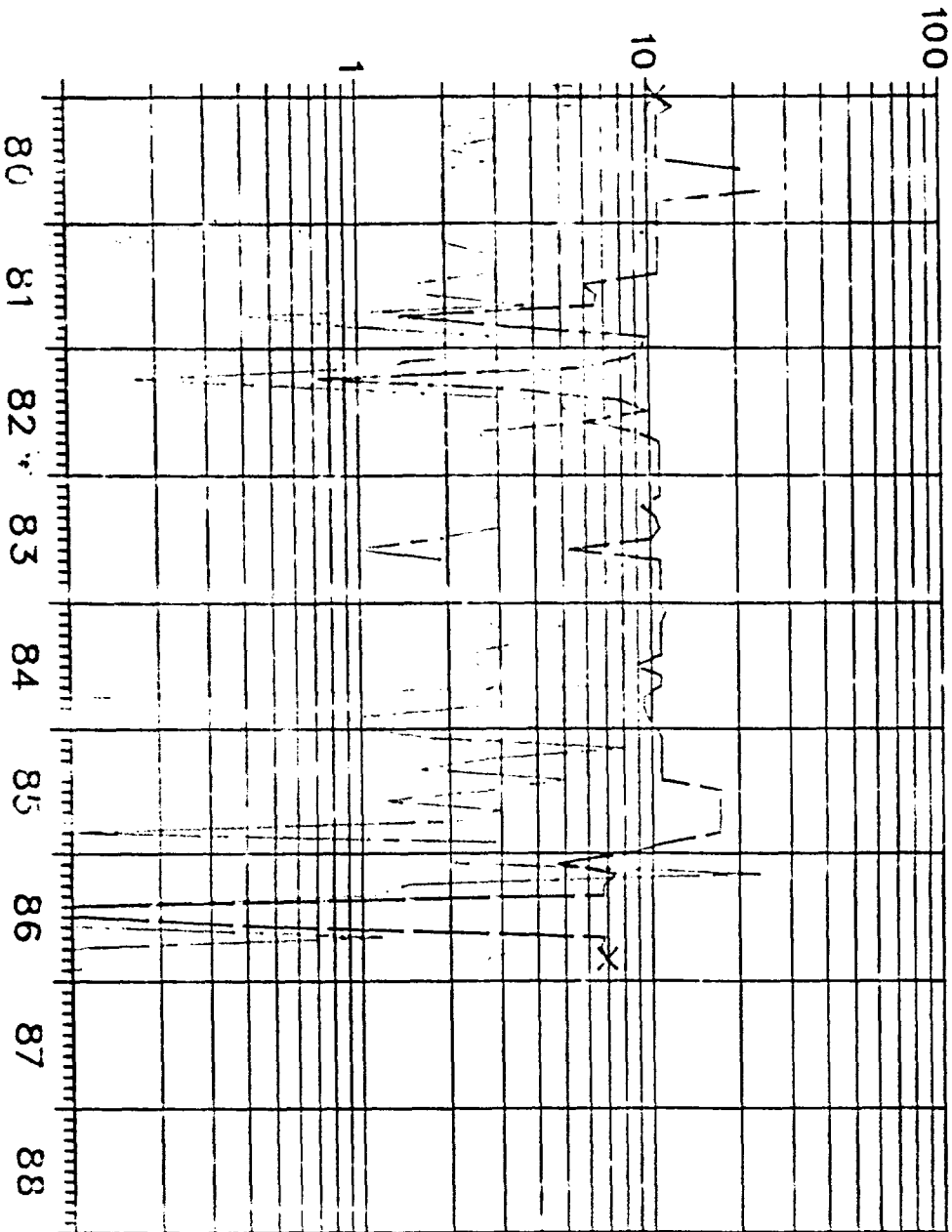
87-03-25

STATE: NEW MEXICO  
ENGINEER: P.W. SMITH  
COUNTY: EDDY  
FLD: FORTY NINER RIDGE BONE SPRING  
ZONE: BONE SPRING

PROP: FORTY NINER RIDGE UNIT II  
PROP NO: 238465 WNUM: 002  
LOCATION: 23S 30E 21G  
OPER: TEXACO PRODUCING CO.

UPPER PERF: N/A  
LOWER PERF: N/A

# PRODUCTION PER DAY



CUM. TOTALS  
THRU 11/30/86  
CRUDE: 15394  
GAS : 29369  
WATER: 8127  
CRUDE (BBLS)  
X GAS (MCF)  
WATER (BBLS)