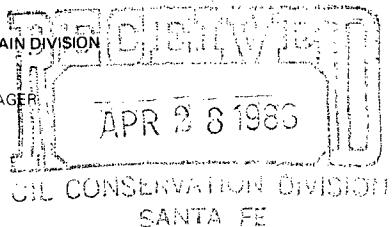


EXXON COMPANY, U.S.A.

POST OFFICE BOX 1600 • MIDLAND, TEXAS 79702-1600

PRODUCTION DEPARTMENT
SOUTHWEST/ROCKY MOUNTAIN DIVISION

THOMAS J. TIBBITS
REGULATORY AFFAIRS MANAGER



April 22, 1986

*Downhole Commingle Request
N.M. "V" State #7
Lea County, New Mexico*

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

ATTENTION: Mr. David Catanach

Gentlemen:

Exxon Corporation respectfully requests NMOCD approval to downhole commingle the Blinebry, Drinkard, and Tubb formations in the N.M. "V" State #7. If permission to downhole commingle is received, this well will be placed on sucker rod pump to effectively lift formation fluids from the wellbore resulting in increased flow rates, and increase ultimate recovery from these three oil zones.

None of the three zones of interest are active in the subject wellbore. The Tubb was perforated in April, 1956 and declined to 10 BOPD in April of 1963, when it was abandoned with a CIBP to recomplete in the Blinebry. The Blinebry quit flowing in 1974 and has since been inactive.

The Blinebry currently has 2600' of fluid on the formation. The Drinkard has not been completed in this wellbore, but a twin wellbore, the N.M. "V" State #2, tested 22 BO + 3 BW from the Drinkard in January, 1949. This well was plugged two months later as uneconomic. The N.M. "V" State #3, a direct offset to the #7 is currently completed in the Drinkard and has a shut-in fluid level 2700' above the formation. This shows pressure similar to that in the Blinebry. Downhole commingle will enable Exxon to place the well on sucker rod pump to remove the formation fluids at an economical rate.

The Tubb and Drinkard zones currently are not open in this wellbore. Our data indicates that there are producible oil and gas reserves in these formations. However, we cannot economically justify doing the individual workovers due to the extent of depletion in the reservoirs. Downhole commingle is being requested to prevent this waste. Economics are favorable to produce the Blinebry, Drinkard, and Tubb simultaneously.

The Blinebry, Drinkard, and Tubb zones currently satisfy the requirements necessary to apply for downhole commingle (see Attachment 1). The items Exxon

must submit to the Division to obtain approval are listed on Attachment 2, and subsequent attachments contain the data required by Attachment 2.

Please contact J. W. Jordan (915) 523-3650 if any further information is required.

Yours truly,



James D. Howell

JDH:dsf

Attachments

*c: Offset Operators (Certified Mail)
District I - NMOCD, Hobbs, NM*

ATTACHMENT 1

N.M. "V" State #7 - Downhole Commingling - Requirements

This well satisfies the requirements necessary for downhole commingling as follows:

1. The total combined daily oil production from the oil zones before commingling does not exceed 40 BOPD.
2. Oil zones require artificial lift, or both zones are capable of flowing. All zones now require artificial lift, which will be installed when the three zones are commingled.
3. Neither zone produces more than 40 BWPD.
4. The fluids from each zone are compatible with the fluids from the other, and combining the fluids will not result in the formation of precipitates which damage either reservoir. See attached data.
5. The total value of the crude will not be reduced by commingling. See attached data.
6. Ownership of the zones to be commingled is common (including working interest, royalty, and overriding royalty).
7. The commingling will not jeopardize the efficiency of present or future secondary recovery operations in either of the zones to be commingled.
8. The commingling is necessary to permit a zone or zones to be produced which would not otherwise be economically producible.
9. There will be no crossflow between zones to be commingled.
10. The bottomhole pressure of the lower pressure zone is not less than 50 percent of the bottomhole pressure of the higher pressure zone adjusted to a common datum. See attached data.

ATTACHMENT 2

N.M. "V" State #7 - Downhole Commingling - Data Required

To obtain approval for downhole commingling, we have enclosed the following data pursuant to Rule 303(C)(2)(a through j):

1. Exxon's name and address:

Exxon Corporation
1700 West Broadway
Andrews, TX 79714

2. Lease name, well number, well location, and name of pools to be commingled:

New Mexico "V" State No. 7, 500' FSL, 1880' FWL, Section 10, T-21-S, R-37-E, Lea County, New Mexico. Pools to be commingled: Blinebry, Drinkard and Tubb.

3. A plat of the area showing the acreage dedicated to the well and the ownership of all offsetting leases: Attached.
4. A 24-hour productivity test on Division Form C-116 showing the amount of oil, gas, and water produced from each zone: Attached.
5. A production decline curve for both zones showing that for a period of at least one year, a steady rate of decline has been established for each zone which will permit a reasonable allocation of the commingled production to each zone for statistical purposes: Attached.
6. A current bottomhole pressure for each zone capable of flowing:

Measured BHP - Blinebry 875 psig. Estimated BHP - Tubb 709 psig, based on measured BHP in the N.M. "V" State #11, a direct offset. Estimated BHP - Drinkard 898 psig, based on measured BHP in the N.M. "V" State #3, a direct offset. Common datum - mid perfs of Blinebry (5803').

BHP Bomb data are attached.

7. A description of the fluid characteristics of each zone showing that the fluids will not be incompatible in the wellbore:

See attached hydrocarbon analysis. The Tubb hydrocarbon analysis is from the N.M. "V" State #11, a direct offset, and the Drinkard hydrocarbon analysis is from the N.M. "V" State #6, a direct offset. Exxon has commingled these fluids at the surface and has encountered no incompatibility problems.

8. A computation showing that the value of the commingled production will not be less than the sum of the values of the individual streams: Attached.

9. A formula for the allocation of production to each of the commingled zones and a description of the factors or data used in determining such a formula:

Blinebry Pool:

$$\text{Oil Allocation} = \left[\frac{4e^{-(0.2310)t} + 8e^{-(0.2310)t}}{16e^{-(0.4621)t}} + 1 \right]^{-1} = \underline{0.0620}$$

$$\text{Gas Allocation} = \left[\frac{45e^{-(0.0564)t} + 150e^{-(0.3054)t}}{190e^{-(0.4656)t}} + 1 \right]^{-1} = \underline{0.0179}$$

Tubb Pool:

$$\text{Oil Allocation} = \left[\frac{16e^{-(0.4621)t} + 4e^{-(0.2310)t}}{8e^{-(0.2310)t}} + 1 \right]^{-1} = \underline{0.6253}$$

$$\text{Gas Allocation} = \left[\frac{190e^{-(0.4656)t} + 45e^{-(0.0564)t}}{150e^{-(0.3054)t}} + 1 \right]^{-1} = \underline{0.1137}$$

Where t = time between January 1, 1973 and January 1, 1986 = 13 years

Drinkard Pool: Oil Allocation = 1 - Blinebry Oil Allocation - Tubb

$$\text{Oil Allocation} = \underline{0.3127}$$

$$\text{Gas Allocation} = 1 - \text{Blinebry Gas Allocation} - \text{Tubb}$$

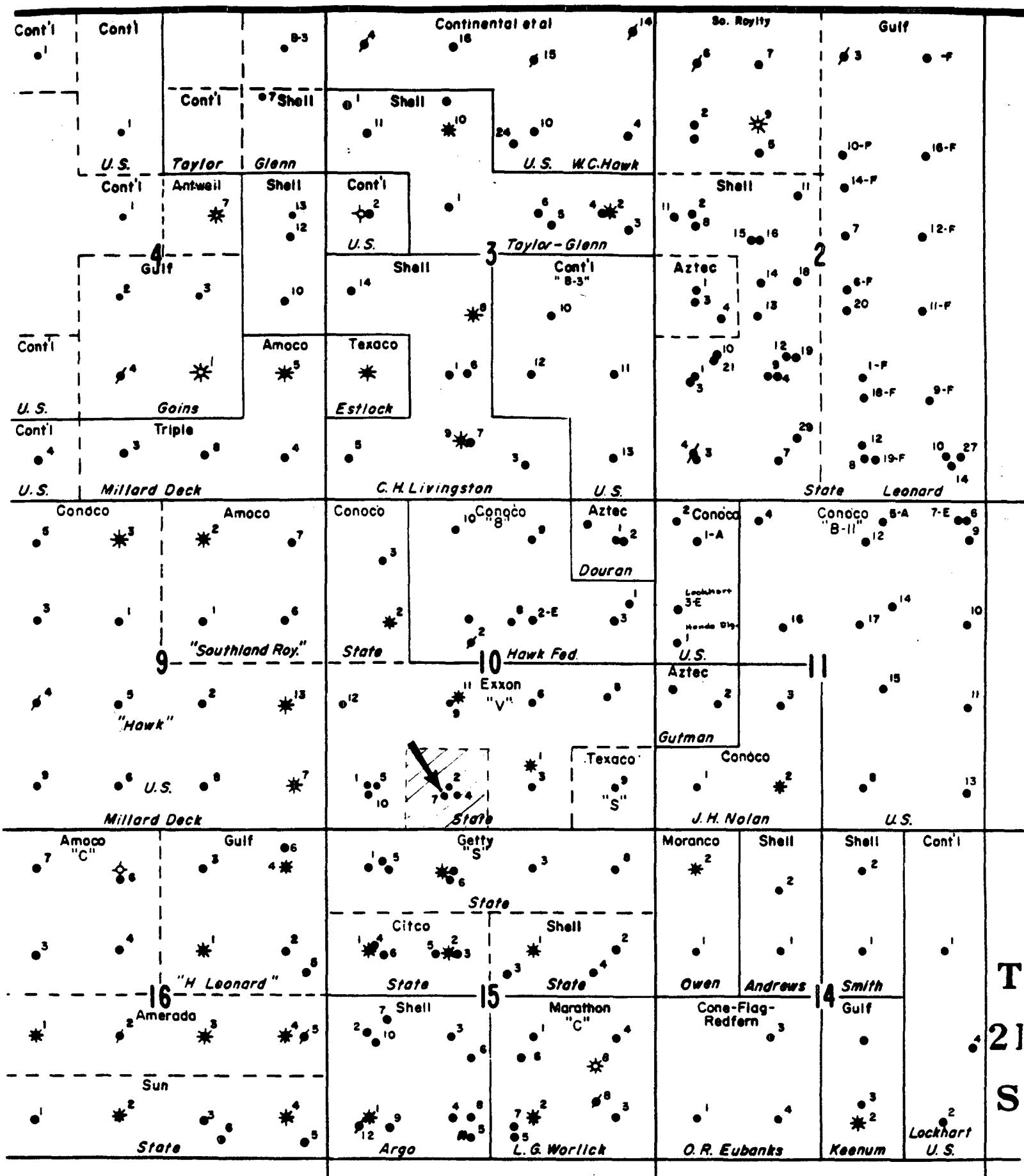
$$\text{Gas Allocation} = \underline{0.8684}$$

Computations of the production allocations to each zone are attached.

10. A statement that all offset operators and, in case of a well on Federal land, the United States Geological Survey, has been notified in writing of the proposed commingling:

All offset operators (list attached) have been notified by copy of this application.

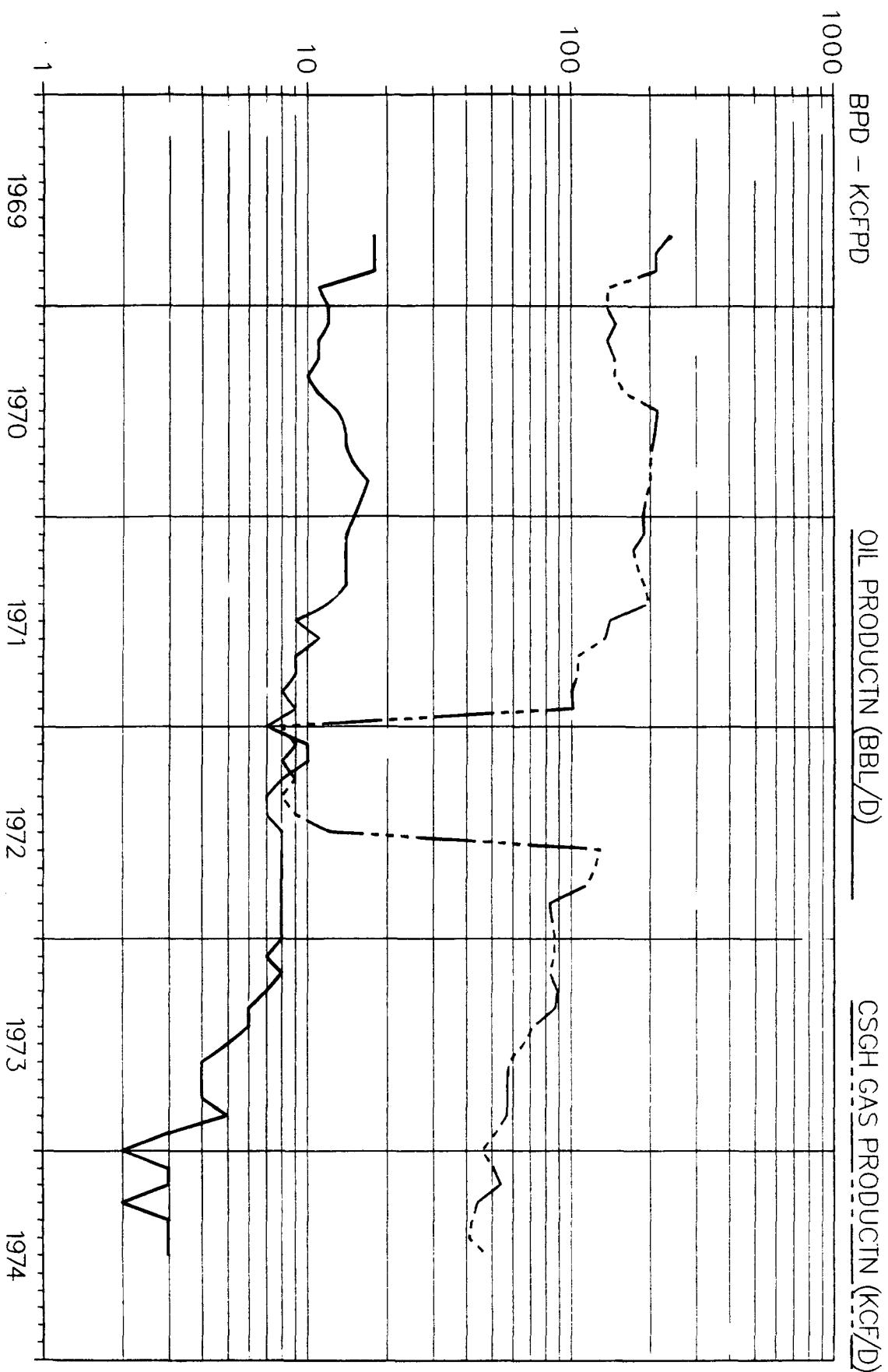
R 37 E



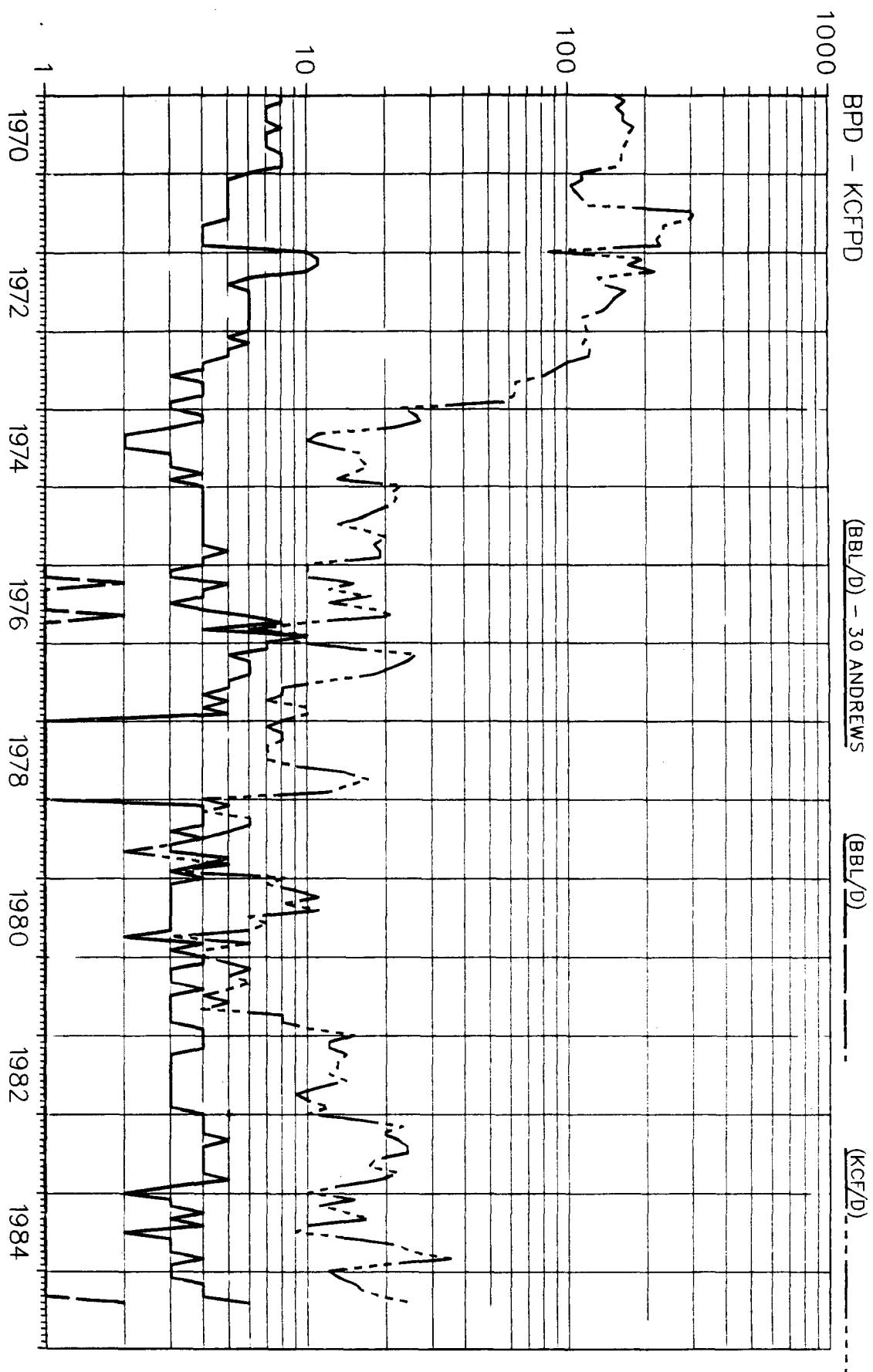
ACREAGE DEDICATED TO THE N.M. "V" STATE #7

T
21
S

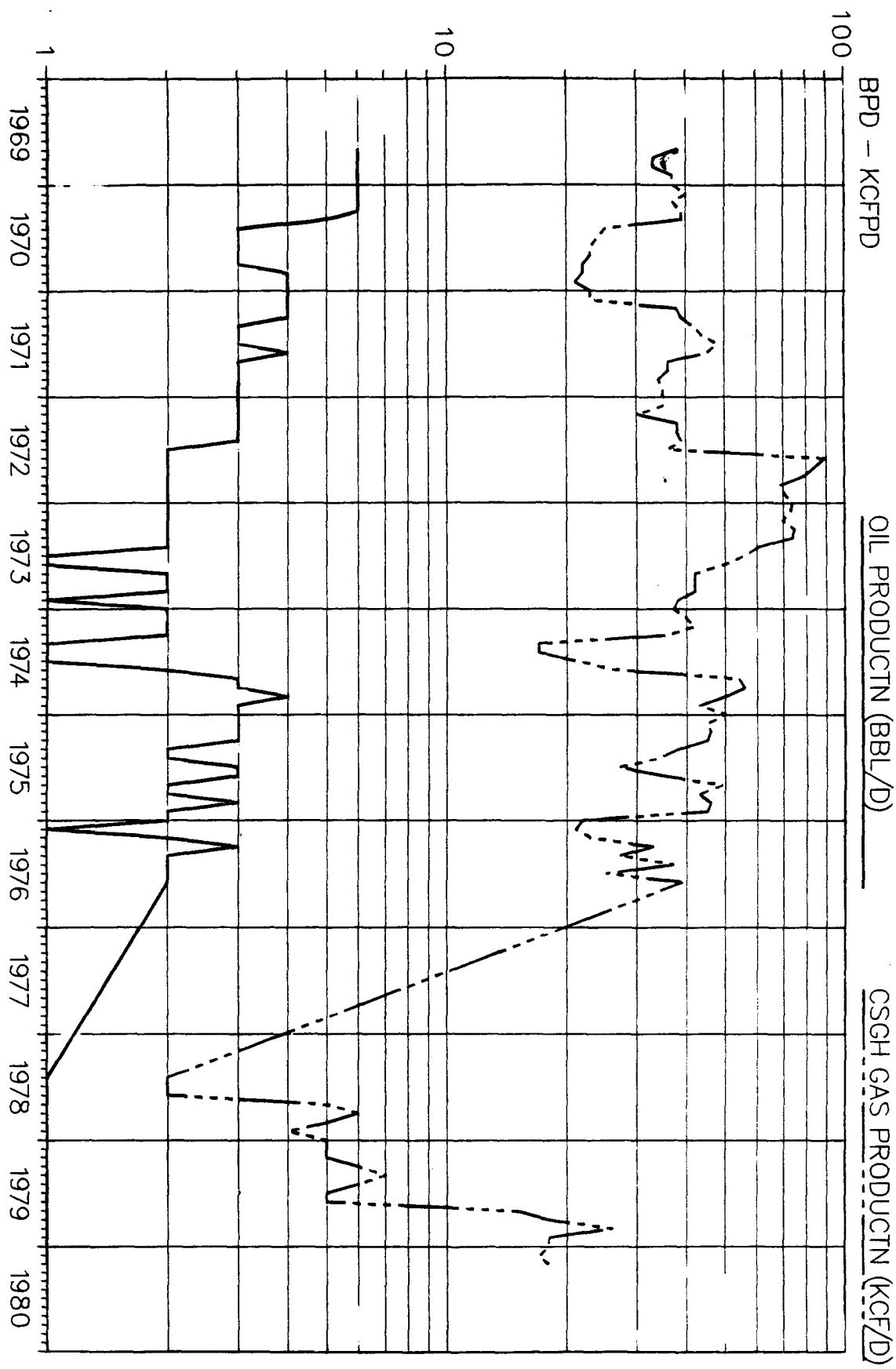
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FIELD - 3306 PADDOCK
RESERVOIR - 406 BLINEBRY
WELL - 0007 LSE-61992 NEW MEXICO V STATE



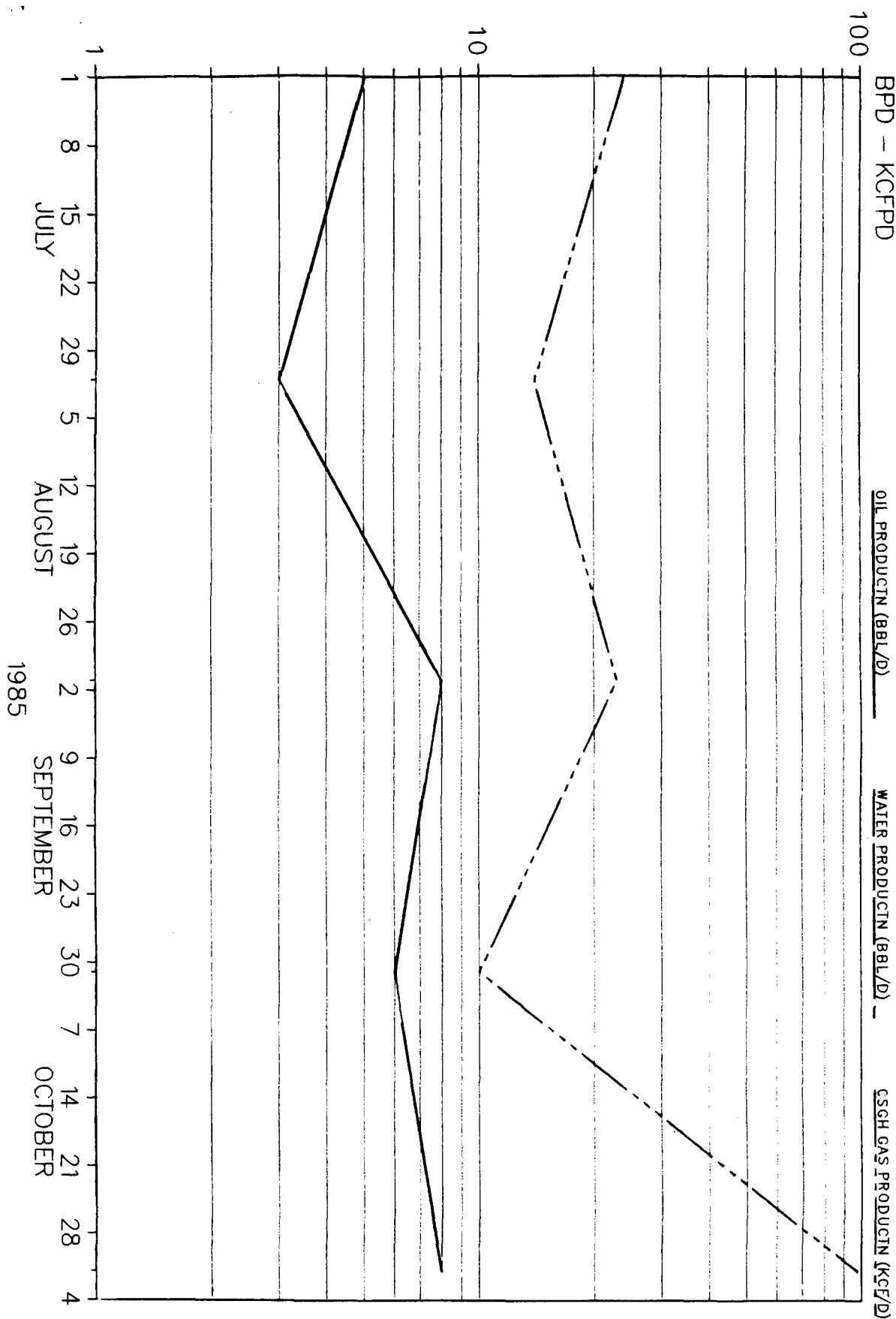
DISTRICT - 30 ANDREWS
FIELD - 3306 PADDOCK
RESERVOIR - 451 TUBB OIL
WELL - 0011 LSE-61992 NEW MEXICO V STATE



DISTRICT - 30 ANDREWS
FIELD - 3306 PADDOCK
RESERVOIR - 470 DRINKARD
WELL - 0003 LSE-61992 NEW MEXICO V STATE



DISTRICT - 30 ANDREWS
FIELD - 3306 PADDOCK
RESERVOIR - 451 TUBB OIL
WELL - 0011L LSE-61992 NEW MEXICO V STATE



JARREL SERVICES, INC.

POST OFFICE BOX 1654

PHONES 505 393-5396 - 393-8274

HOBBS, NEW MEXICO 88240

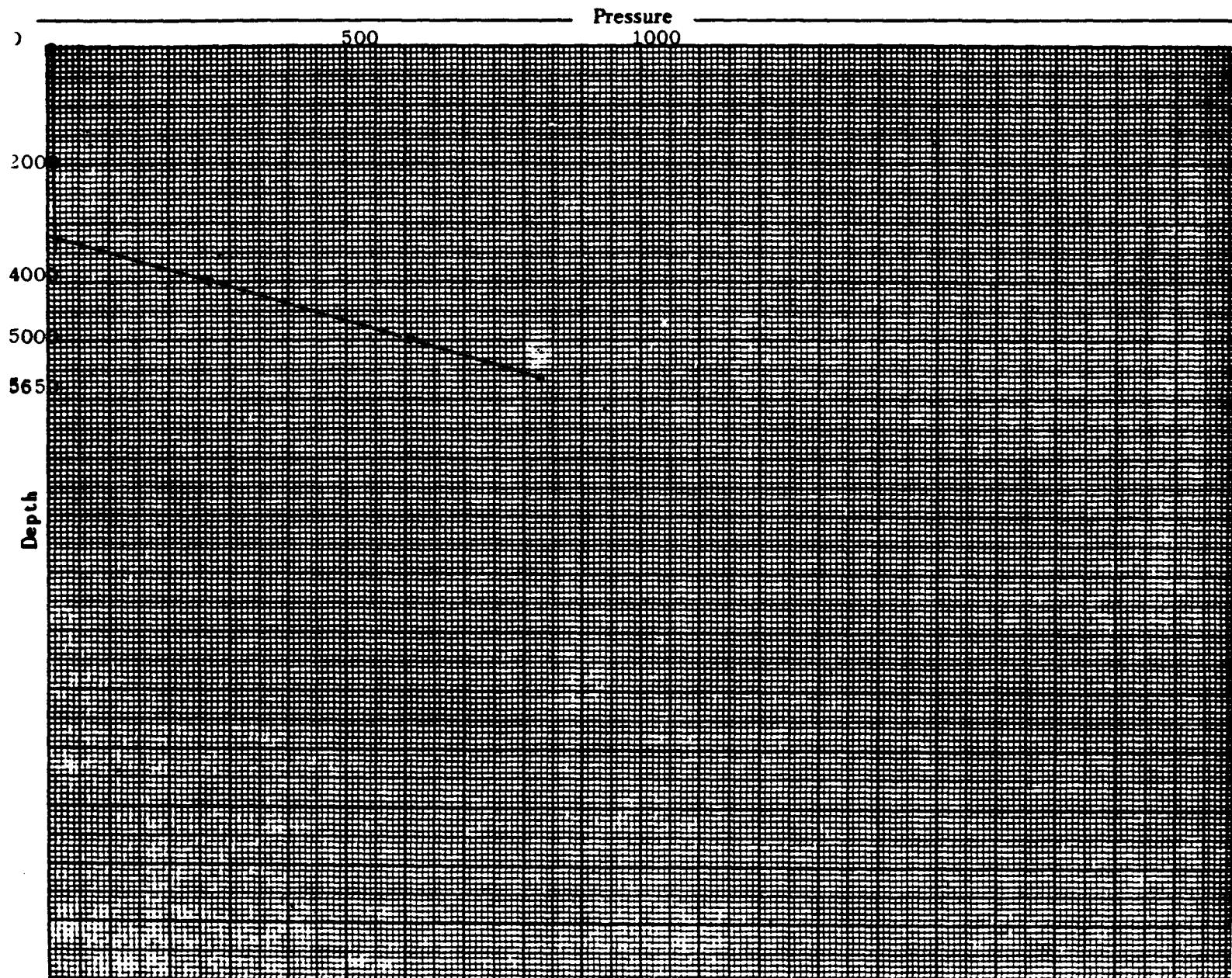
OPERATOR Exxon Company USA
FIELD B-D-T
FORMATION Blinebry
LEASE New Mexico V State WELL No. 7
COUNTY Lea STATE New Mexico
DATE 8/13/85 TIME 4:00 PM
Status Shut in
Test Depth 5650'
Time S. I. 7 days Last test date -
Tub Pres. 7 BHP last test -
Cas. Pres. PKR BHP change -
Elev. 3469 'RDB Fluid top 3245'
Datum (-2334)** Water top None
Temp. @ - Run by JSI #13
Cal. No. 42254 Chart No. 4

BOTTOM HOLE PRESSURE RECORD

Depth	Pressure	Gradient
0	7	-
2000	9	.001
4000	267	.129
5000	607	.340
5650	824	.334
5803 (-2334)	875 * **	(.334)

* EXTRAPOLATED PRESSURE

** MIDPOINT OF CASING PERFORATIONS



JARREL SERVICES, INC.

POST OFFICE BOX 1854

PHONES 505 393-5398 — 393-8274

HOBBS, NEW MEXICO 88240

OPERATOR Exxon Company USA

FIELD B-D-T

FORMATION Tubb

LEASE New Mexico V State WELL No. 11

COUNTY Lea STATE New Mexico

DATE 8/12/85 TIME 2:00 PM

Status Shut in

Test Depth 5950'

Time S. I. 7 days Last test date -

Tub Pres. 266 BHP last test -

Cas. Pres. Dual BHP change -

Elev. 3452 'GL Fluid top 4545'

Datum (-2747) ** Water top None

Temp. @ - Run by JSI #13

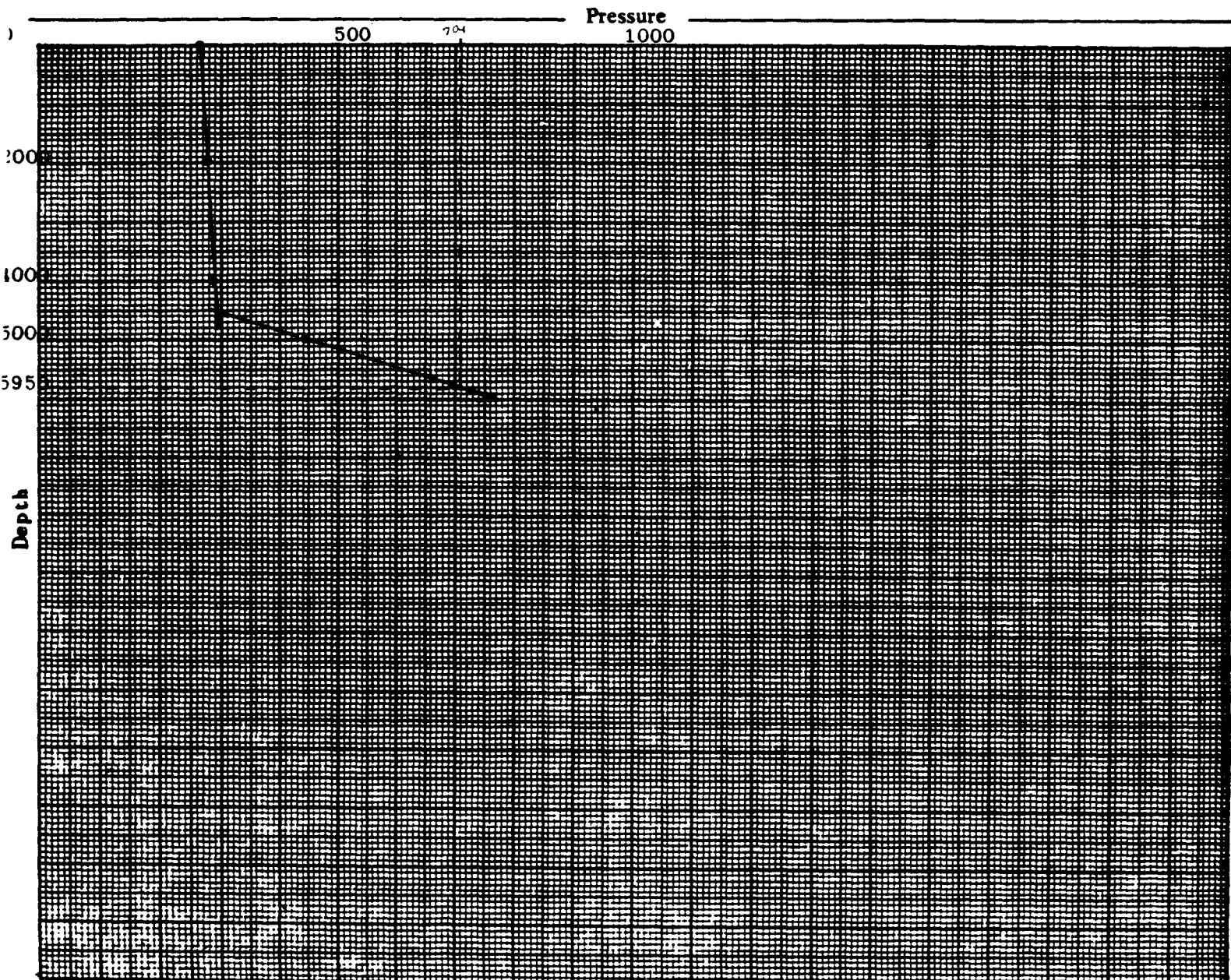
Cal. No. 20275 Chart No. 2

BOTTOM HOLE PRESSURE RECORD

Depth	Pressure	Gradient
0	266	-
2000	277	.006
4000	288	.006
5000	443	.155
5950	760	.334
6199 (-2747)	843 * **	(.334)

* EXTRAPOLATED PRESSURE

** MIDPOINT OF CASING PERFORATIONS





PHONE 505/393-3561

P. O. BOX 1161

611 W. SNYDER

HOBBS, NEW MEXICO 88240

ANALYSIS CERTIFICATE

CLIENT: EXXON COMPANY USA
ADDRESS: 1700 W BROADWAY
CITY, STATE: ANDREWS, TX 79714

ANALYSIS NUMBER: 7810
DATE OF RUN: 8 12 85
DATE SECURED: 8 12 85

SAMPLE IDENT: "V" STATE #7 - BLINBRY ZONE
SAMPLING PRESS: 20 PSIG SAMPLING TEMP: 93 DEG F

REMARKS: WELL SHUT IN INDEFINITE TIME;

REMARKS: H₂S - NONE DETECTED******* GAS ANALYSIS *******

	MOLE PERCENT	GAL/ MCF
NITROGEN	0.979	
CARBON DIOXIDE	0.000	
METHANE	84.547	
ETHANE	8.174	2.180
PROPANE	3.417	0.938
ISO-BUTANE	0.381	0.124
NORMAL BUTANE	0.972	0.306
ISO-PENTANE	0.286	0.105
NORMAL PENTANE	0.329	0.119
HEXANES	0.915	0.375
TOTAL	100.000	4.147

PROPANE GPM: 0.94 BUTANES GPM: 0.43
ETHANE GPM: 2.18 PENTANES PLUS GPM: 0.60

SPECIFIC GRAV (CALC): 0.6853
MOLE WEIGHT: 19.85

HHV-BTU/CU FT	PRESSURE (PSIA)	WET	DRY
	14.696	1177	1198
	14.650	1173	1194
	14.730	1180	1201
	14.735	1180	1201

DEANE SIMPSON

JARREL SERVICES, INC.

POST OFFICE BOX 1854

PHONES 505 393-5398 — 393-6274

HOBBS, NEW MEXICO 88240

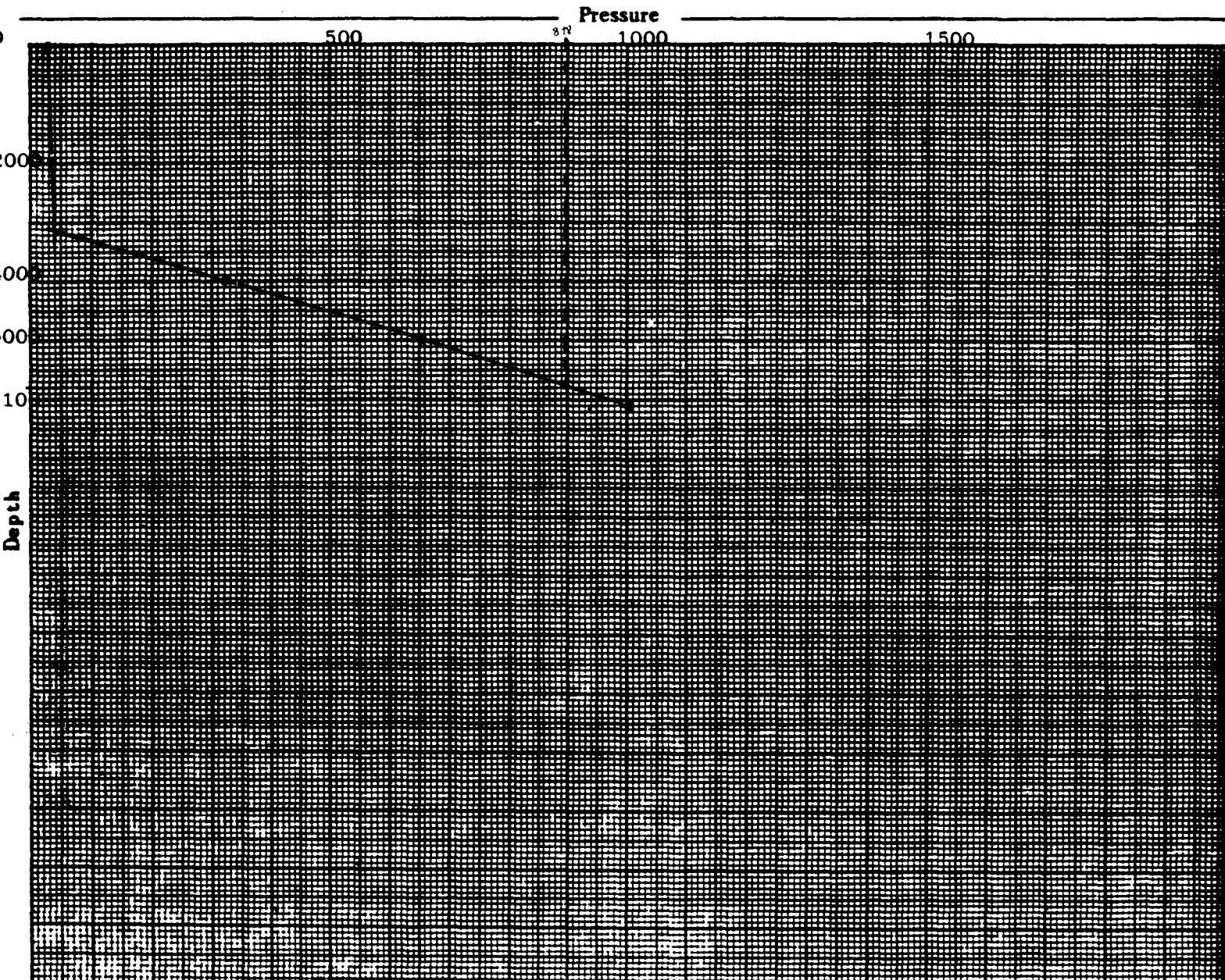
OPERATOR Exxon Company USA
FIELD B-D-T
FORMATION Drinkard
LEASE New Mexico V State WELL No. 3
COUNTY Lea STATE New Mexico
DATE 8/14/85 TIME 11:00 AM
Status Shut in
Test Depth 6100'
Time S. I. 7 days Last test date -
Tub Pres. 29 BHP last test -
Cas. Pres. Dual BHP change -
Elev. 3463 'DF Fluid top 3136'
Datum (-3026)* Water top None
Temp. 60 Run by JSI #13
Cal. No. 42254 Chart No. 6

BOTTOM HOLE PRESSURE RECORD

Depth	Pressure	Gradient
0	29	-
2000	33	.002
4000	322	.145
5000	654	.332
6100	1002	.316
6489 (-3026)	1125 * **	(.316)

* EXTRAPOLATED PRESSURE

** MIDPOINT OF CASING PERFORATIONS



**NEW-TEX
LAB**

PHONE 505/393-3561

P. O. BOX 1161

611 W. SNYDER

HOBBS, NEW MEXICO 88240

ANALYSIS CERTIFICATE

CLIENT: EXXON COMPANY USA
ADDRESS: 1700 W BROADWAY
CITY, STATE: ANDREWS, TX 79714

ANALYSIS NUMBER: 7808
DATE OF RUN: 8 12 85
DATE SECURED: 8 12 85

SAMPLE IDENT: "V" STATE #11 - TUBB GAS
SAMPLING PRESS: 22 PSIG SAMPLING TEMP: 90 DEG F

REMARKS: WELL SHUT IN INDEFINITE TIME; TUBB GAS

REMARKS: NO OIL FOR SAMPLE

REMARKS: H₂S - NONE DETECTED

******* GAS ANALYSIS *******

	MOLE PERCENT	GAL/ MCF
NITROGEN	1.032	
CARBON DIOXIDE	0.127	
METHANE	82.293	
ETHANE	7.746	2.066
PROPANE	4.012	1.101
ISO-BUTANE	0.484	0.158
NORMAL BUTANE	1.518	0.477
ISO-PENTANE	0.482	0.177
NORMAL PENTANE	0.698	0.252
HEXANES	1.608	0.660
TOTAL	100.000	4.891

PROPANE GPM: 1.10 BUTANES GPM: 0.64
ETHANE GPM: 2.07 PENTANES PLUS GPM: 1.09

SPECIFIC GRAV (CALC): 0.7283
MOLE WEIGHT: 21.09

HHV-BTU/CU FT	PRESSURE (PSIA)	WET	DRY
	14.696	1239	1261
	14.650	1235	1257
	14.730	1241	1263
	14.735	1242	1264

DEANE SIMPSON



**NEW-TEX
LAB**

PHONE 505/393-3661

P. O. BOX 1161

611 W. SNYDER

HOBBS, NEW MEXICO 88240

ANALYSIS CERTIFICATE

CLIENT: EXXON COMPNY USA
ADDRESS: 1700 W BROADWAY
CITY, STATE: ANDREWS, TX 79714

ANALYSIS NUMBER: 7807
DATE OF RUN: 8 12 85
DATE SECURED: 8 12 85

SAMPLE IDENT: "V" STATE #6 - DRINKARD ZONE
SAMPLING PRESS: 25 PSIG SAMPLING TEMP: 93 DEG F

REMARKS: WELL SHUT IN INDEFINITE TIME; BLINEBRY

REMARKS: ZONE - NO CONNECTION

REMARKS: H₂S - NONE DETECTED

***** GAS ANALYSIS *****

	MOLE PERCENT	GAL/ MCF
NITROGEN	1.030	
CARBON DIOXIDE	0.069	
METHANE	85.818	
ETHANE	8.500	2.267
PROPANE	2.949	0.810
ISO-BUTANE	0.264	0.086
NORMAL BUTANE	0.745	0.234
ISO-PENTANE	0.138	0.051
NORMAL PENTANE	0.176	0.064
HEXANES	0.311	0.128
TOTAL	100.000	3.640

PROPANE GPM: 0.81 BUTANES GPM: 0.32
ETHANE GPM: 2.27 PENTANES PLUS GPM: 0.24

SPECIFIC GRAV (CALC): 0.6572
MOLE WEIGHT: 19.03

HHV-BTU/CU FT	PRESSURE (PSIA)	WET	DRY
	14.696	1132	1152
	14.650	1128	1148
	14.730	1135	1155
	14.735	1135	1155

DEANE SIMPSON



*Estimated Effects on the Value of
Total Production from Proposed
Downhole Commingling*

New Mexico "V" State #7

Before Downhole Commingling

	BPD <u>Oil Volume</u>	Oil <u>Price</u>	MCF/Day <u>Gas Volume</u>	Gas <u>Price</u>	Daily <u>Oil and Gas Value</u>
Blinebry	0	\$ N/A	0	\$ N/A	\$ 0
Tubb	4	\$ 13.90	32	\$ 1.28	\$ 96.56
Drinkard	0	N/A	0	N/A	\$ 0
					<u>96.56</u>

After Downhole Commingling

	BPD <u>Oil Volume</u>	Oil <u>Price</u>	MCF/Day <u>Gas Volume</u>	Gas ² <u>Price</u>	Daily Oil and Gas <u>Value</u>	Increase in <u>Daily Value</u>
	28	\$ 13.90	385	\$.84	\$ 712.60	\$ 616.04

1. Production volumes and prices based on March, 1986 data.
2. If gas split between two purchasers-assumed lower price prevails after commingling.

Allocation Of Oil Production To Each Zone

Equations Used:

$$\text{Decline Rates (1)} \quad q = q_i e^{-at}$$

$$(2) \quad a_n = \frac{\ln(q_i/q)}{t}$$

a_n = nominal decline, per yr.

q_i = initial rate, BO/Day

q = later rates, BO/Day

t = time between rates, yrs.

Decline rate computations:

Blinebry Zone

$q_i = 16$ BOPD

$q = 4$ BOPD

$t = 3$ years

$$a_n = \frac{\ln(16/4)}{3}$$

a_n (Blinebry) = 0.4621/yr.

Tubb Zone

$q_i = 8$ BOPD

$q = 4$ BOPD

$t = 3$ years

$$a_n = \frac{\ln(8/4)}{3}$$

a_n (Tubb) = 0.2310/yr.

Based on N. M. "V" State #11, a direct offset

Drinkard Zone

$q_i = 4$ BOPD

$q = 2$ BO/Day

$t = 3$ years

$$a_n = \frac{\ln(4/2)}{3}$$

a_n (Drinkard) = 0.2310/yr.

Based on an average of N. M. "V" State No. 3, a direct offset.

Actual Allocation:

- x_b = Blinebry Allocation, fraction.
- x_t = Tubb Allocation, fraction.
- x_d = Drinkard Allocation, fraction.
- q_b = Blinebry rate, BOPD.
- q_t = Tubb rate, BOPD.
- q_d = Drinkard rate, BOPD.
- q_{bi} = Blinebry initial rate, BOPD.
- q_{ti} = Tubb initial rate, BOPD.
- q_{di} = Drinkard initial rate, BOPD.

$$x_b = \frac{q_b}{q_b + q_t + q_d} \quad x_t = \frac{q_t}{q_b + q_t + q_d} \quad x_d = 1 - x_b - x_t$$

Allocation of Oil Production to Each Zone
Page 2

$$\frac{1}{x_b} = \frac{q_b + q_t + q_d}{q_b} = \frac{q_d + q_t}{q_b} + 1$$

$$x_b = \left[\frac{q_d + q_t}{q_b} + 1 \right]^{-1}$$

Substituting eq. (1)

$$x_b = \left[\frac{\frac{-a_d t}{q_{di} e} + \frac{-a_t t}{q_{ti} e}}{\frac{q_{di} e}{-a_b t} + 1} + 1 \right]^{-1}$$

$$q_{bi} = 16 \text{ BOPD} \quad q_{ti} = 8 \text{ BOPD} \\ a_n (Blinebry) = 0.4621/\text{yr.} \quad a_n (Tubb) = 0.2310/\text{yr.}$$

$$q_{di} = 4 \text{ BOPD} \quad a_n (Drinkard) = 0.2310/\text{yr.}$$

$$x_b = \left[\frac{4e^{-(0.2310)t} + 8e^{-(0.2310)t}}{16e^{-(0.4621)t} + 1} + 1 \right]^{-1}$$

Where t = time between January 1, 1973 and current date, years.

$$x_t = \left[\frac{q_b + q_d}{q_t} + 1 \right]^{-1}$$

Substituting eq. (1)

$$x_t = \left[\frac{\frac{-a_b t}{q_{bi} e} + \frac{-a_d t}{q_{di} e}}{\frac{q_{bi} e}{-a_t t} + 1} + 1 \right]^{-1}$$

$$x_t = \left[\frac{16e^{-(0.4621)t} + 4e^{-(0.2310)t}}{8e^{-(0.2310)t} + 1} + 1 \right]^{-1}$$

Where t = time between January 1, 1973 and current date, years.

$$x_d = 1 - x_b - x_t$$

Allocation of Gas Production To Each Zone

Decline Rate Computations:

Blinebry Zone

$$\begin{aligned} q_i &= 190 \text{ kCF/D} \\ q &= 47 \text{ kCF/D} \\ t &= 3 \text{ years} \end{aligned}$$

$$\begin{aligned} a_n &= \frac{\ln(190/47)}{3} \\ a_n (\text{Blinebry}) &= 0.4656/\text{yr} \end{aligned}$$

Tubb Zone

$$\begin{aligned} q_i &= 150 \text{ kCF/Day} \\ q &= 60 \text{ kCF/Day} \\ t &= 3 \text{ years} \end{aligned}$$

$$\begin{aligned} a_n &= \frac{\ln(150/60)}{3} \\ a_n (\text{Tubb}) &= 0.3054/\text{yr} \end{aligned}$$

Based on N. M. "V" State #11, a direct offset.

Drinkard Zone

$$\begin{aligned} q_i &= 45 \text{ kCF/D} \\ q &= 38 \text{ kCF/D} \\ t &= 3 \text{ years} \end{aligned}$$

$$\begin{aligned} a_n &= \frac{\ln(45/38)}{3} \\ a_n (\text{Drinkard}) &= 0.0564/\text{yr} \end{aligned}$$

Based on an average of N. M. "V" State #3, a direct offset.

Actual Allocations:

$$\begin{aligned} q_{bi} &= 190 \text{ kCF/Day} \\ a_n (\text{Blinebry}) &= 0.4656/\text{yr} \end{aligned}$$

$$\begin{aligned} q_{ti} &= 150 \text{ kCF/Day} \\ a_n (\text{Tubb}) &= 0.3054/\text{yr} \end{aligned}$$

$$\begin{aligned} q_{di} &= 45 \text{ kCF/Day} \\ a_n (\text{Drinkard}) &= 0.0564/\text{yr}. \end{aligned}$$

$$x_b = \left[\begin{array}{c} \frac{-a_d t}{q_{di} e + q_{ti} e} - 1 \\ \frac{q_{bi} e}{-a_b t} + 1 \end{array} \right]$$

$$x_b = \left[\begin{array}{c} \frac{45e^{-(0.0564)t} + 150e^{-(0.3054)t}}{190e^{-(0.4656)t}} + 1 \end{array} \right]^{-1}$$

$$x_t = \left[\begin{array}{c} \frac{-a_b t}{q_{bi} e + q_{di} e} - 1 \\ \frac{q_{ti} e}{-a_d t} + 1 \end{array} \right]$$

Allocation of Gas Production to Each Zone
Page 2

$$x_t = \left[\frac{190e^{-(0.4656)t} + 45e^{-(0.0564)t}}{150e^{-(0.3054)t}} + 1 \right]^{-1}$$

Where t = time between January 1, 1973 and current date, years.

$$x_d = 1 - x_b - x_t$$

OFFSET OPERATORS
TO EXXON'S N. M. "V" STATE LEASE
LEA COUNTY, NEW MEXICO

Conoco
P. O. Box 1959
Midland, Texas 79702

Aztec Energy Corp.
1206 E. 20th St.
Farmington, New Mexico 87401

Bravo Energy Inc.
P. O. Box 2160
Hobbs, New Mexico 88240

Texaco Producing Inc.
P. O. Box 3000
Tulsa, Oklahoma 74101

Chevron U.S.A., Inc.
Attn: J. C. Prindle
P. O. Box 670
Hobbs, New Mexico 88240

Amoco
P. O. Box 3092
Houston, Texas 77253

Southland Royal ty
Attn: A. W. Lang
21 Desta Drive
Midland, Texas 79705



STATE OF NEW MEXICO

ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION
HOBBES DISTRICT OFFICE

April 25, 1986

TONEY ANAYA
GOVERNOR

POST OFFICE BOX 1980
HOBBES, NEW MEXICO 88240
(505) 383-6161



OIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

RE: Proposed:

MC _____
DHC XX _____
NSL _____
NSP _____
SWD _____
WFX _____
PMX _____

Gentlemen:

I have examined the application for the:

Exxon Co. New Mexico V State #7-N 10-21-37
Operator Lease & Well No. Unit S-T-R

and my recommendations are as follows:

has a gas zone -- JS

Yours very truly,

Jerry Sexton
Supervisor, District 1

/mc