



STATE OF NEW MEXICO  
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION  
HOBBS DISTRICT OFFICE

8/12/98

POST OFFICE BOX 1980  
HOBBS, NEW MEXICO 88241-1980  
(505) 393-6161

GOVERNOR

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

DHC-2076

RE: Proposed:

MC \_\_\_\_\_  
DHC X \_\_\_\_\_  
NSL \_\_\_\_\_  
NSP \_\_\_\_\_  
SWD \_\_\_\_\_  
WFX \_\_\_\_\_  
PMX \_\_\_\_\_

Gentlemen:

I have examined the application for the:

Ernie L Hegwer Co      Edith Butler #3-N 18-225-38e  
Operator      Lease & Well No.      Unit      S-T-R

and my recommendations are as follows:

OL

Yours very truly,

*Chris Williams*

Chris Williams  
Supervisor, District 1

# NEW MEXICO OIL CONSERVATION DIVISION

- Engineering Bureau -

## ADMINISTRATIVE APPLICATION COVERSHEET

THIS COVERSHEET IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS

### Application Acronyms:

[NSP-Non-Standard Proration Unit] [NSL-Non-Standard Location]  
 [DD-Directional Drilling] [SD-Simultaneous Dedication]  
 [DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]  
 [PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]  
 [WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]  
 [SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]  
 [EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]

### [1] TYPE OF APPLICATION - Check Those Which Apply for [A]

[A] Location - Spacing Unit - Directional Drilling  
☐ NSL ☐ NSP ☐ DD ☐ SD

Check One Only for [B] or [C]

[B] Commingling - Storage - Measurement  
☒ DHC ☐ CTB ☐ PLC ☐ PC ☐ OLS ☐ OLM

[C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery  
☐ WFX ☐ PMX ☐ SWD ☐ IPI ☐ EOR ☐ PPR

### [2] NOTIFICATION REQUIRED TO: - Check Those Which Apply, or ☐ Does Not Apply

[A] ☐ Working, Royalty or Overriding Royalty Interest Owners

[B] ☒ Offset Operators, Leaseholders or Surface Owner

[C] ☐ Application is One Which Requires Published Legal Notice

[D] ☐ Notification and/or Concurrent Approval by BLM or SLO  
 U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office

[E] ☒ For all of the above, Proof of Notification or Publication is Attached, and/or,

[F] ☐ Waivers are Attached

### [3] INFORMATION / DATA SUBMITTED IS COMPLETE - Statement of Understanding

I hereby certify that I, or personnel under my supervision, have read and complied with all applicable Rules and Regulations of the Oil Conservation Division. Further, I assert that the attached application for administrative approval is accurate and complete to the best of my knowledge and where applicable, verify that all interest (WI, RI, ORRI) is common. I further verify that all applicable API Numbers are included. I understand that any omission of data, information or notification is cause to have the application package returned with no action taken.

Note: Statement must be completed by an individual with supervisory capacity.

Ernie L. Hogwer  
 Print or Type Name

Ernie L. Hogwer  
 Signature

Operator  
 Title

7-8-98  
 Date

## DISTRICT I

P.O. Box 1980, Hobbs, NM 88240

## DISTRICT II

811 South First St., Artesia, NM 88210

## DISTRICT III

1000 Ave Brazos Rd, Aztec, NM 87410

State of New Mexico  
Energy, Minerals and Natural Resources Department

## OIL CONSERVATION DIVISION

2040 S. Pacheco  
Santa Fe, New Mexico 87505-6429Form C-10  
New 3-1.

APPROVAL PROCEDURE

\_\_\_ Administrative \_\_\_ Hearing

EXISTING WELLS:

\_\_\_ YES \_\_\_

## APPLICATION FOR DOWNHOLE COMMINGLING

Operator Ernie L. Hegwer Co. Address P.O. Box 1637 Hobbs, N.M. 88240Lease Edith Butler #3 Well No. N Sec 18 T-22-S, R-38-E Lea Lea  
County LeaOGRID NO. 07508 Property Code 21579 API NO. 30-025-12121 Spacing Unit Lease Types: (check 1 or more)  
Federal \_\_\_ State \_\_\_ Land/Oil Fee X

The following facts are submitted in support of downhole commingling:	Upper Zone	Intermediate Zones	Lower Zone
1. Pool Name and Pool Code	<u>Blinbry 96314</u>	<u>Tubb 86440</u>	<u>Drinkard 96313</u>
2. Top and Bottom of Pay Section (Perforations)	<u>5508-5952</u>	<u>6025-6235</u>	<u>6379-7017</u>
3. Type of production (Oil or Gas)	<u>Oil</u>	<u>Gas</u>	<u>Oil</u>
4. Method of Production (Flowing or Artificial Lift)	<u>P</u>	<u>Flow</u>	<u>Flow</u>
5. Bottomhole Pressure Oil Zones - Artificial Lift: Gas & Oil - Flowing: All Gas Zones: Estimated Current Measured Current Estimated Or Measured Original	a. (Current) <u>400</u> b. (Original)	a. <u>300</u> b.	a. <u>400</u> b.
6. Oil Gravity (° API) or Gas BTU Content	<u>37.8</u>	<u>1249</u>	<u>38.0</u>
7. Producing or Shut-In?	<u>P</u>	<u>S</u>	<u>S</u>
Production Marginal? (yes or no)	<u>Y</u>	<u>Y</u>	<u>Y</u>
* If Shut-In, give date and oil/gas/water rates of last production Note: For new zones with no production history, applicant shall be required to attach production estimates and supporting data	Date: <u>6-98</u> Rates: <u>30 MCF Gas</u> <u>6 Bbl oil</u>	Date: <u>12-94</u> Rates: <u>30 MCF Gas</u> <u>0 Oil</u>	Date: <u>12-94</u> Rates: <u>10 MCF Gas</u> <u>2 Bbl Oil</u>
* If Producing, give date and oil/gas/water rates of recent test (within 60 days)	Date: Rates:	Date: Rates:	Date: Rates:
8. Fixed Percentage Allocation Formula - % for each zone	Oil: <u>75</u> % Gas: <u>42</u> %	Oil: <u>0</u> % Gas: <u>42</u> %	Oil: <u>25</u> % Gas: <u>16</u> %

9. If allocation formula is based upon something other than current or past production, or is based upon some other method, submit attachments with supporting data and/or explaining method and providing rate projections or other required data.

10. Are all working, overriding, and royalty interests identical in all commingled zones? X Yes \_\_\_ No  
If not, have all working, overriding, and royalty interests been notified by certified mail? X Yes \_\_\_ No  
Have all offset operators been given written notice of the proposed downhole commingling? X Yes \_\_\_ No11. Will cross-flow occur? \_\_\_ Yes X No If yes, are fluids compatible, will the formations not be damaged, will any cross-flowed production be recovered, and will the allocation formula be reliable. X Yes \_\_\_ No (If No, attach explanation)12. Are all produced fluids from all commingled zones compatible with each other? X Yes \_\_\_ No13. Will the value of production be decreased by commingling? X Yes \_\_\_ No (If Yes, attach explanation)14. If this well is on, or communitized with, state or federal lands, either the Commissioner of Public Lands or the United States Bureau of Land Management has been notified in writing of this application. X Yes \_\_\_ No

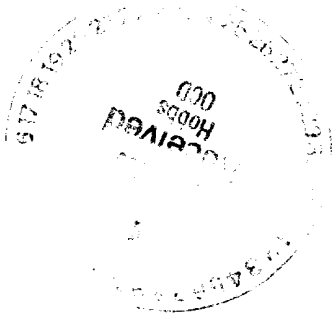
15. NMOCD Reference Cases for Rule 303(C) Exceptions: ORDER NO(S) \_\_\_\_\_

## 16. ATTACHMENTS:

- \* C-102 for each zone to be commingled showing its spacing unit and acreage dedication.
- \* Production curve for each zone for at least one year. (If not available, attach explanation.)
- \* For zones with no production history, estimated production rates and supporting data.
- \* Data to support allocation method or formula.
- \* Notification list of all offset operators.
- \* Notification list of working, overriding, and royalty interests for uncommon interest cases.
- \* Any additional statements, data, or documents required to support commingling.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Ernie L. Hegwer TITLE Operator DATE 7-9-98TYPE OR PRINT NAME Ernie L. Hegwer TELEPHONE NO. ( 505 ) 393-6327



District I  
PO Box 1980, Hobbs, NM 88241-1980  
District II  
811 South First, Artesia, NM 88210  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION  
2040 South Pacheco  
Santa Fe, NM 87505

Form C-1  
Revised October 18, 19  
Instructions on ba  
Submit to Appropriate District Off  
State Lease - 4 Cop  
Fee Lease - 3 Cop

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number 30-025-12121	<sup>2</sup> Pool Code 96314-96313-86440	<sup>3</sup> Pool Name 1. Blinebry 2. Brunson Drinkard Abo South 3. Tul
<sup>4</sup> Property Code 21579	<sup>5</sup> Property Name Edith Butler	<sup>6</sup> Well Number 3
<sup>7</sup> OGRID No. 07508	<sup>8</sup> Operator Name Ernie L. Hegwer Co.	<sup>9</sup> Elevation 3359 DF

<sup>10</sup> Surface Location

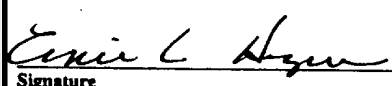
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	18	22-S	38-E	E	660	South	1980	West	Lea

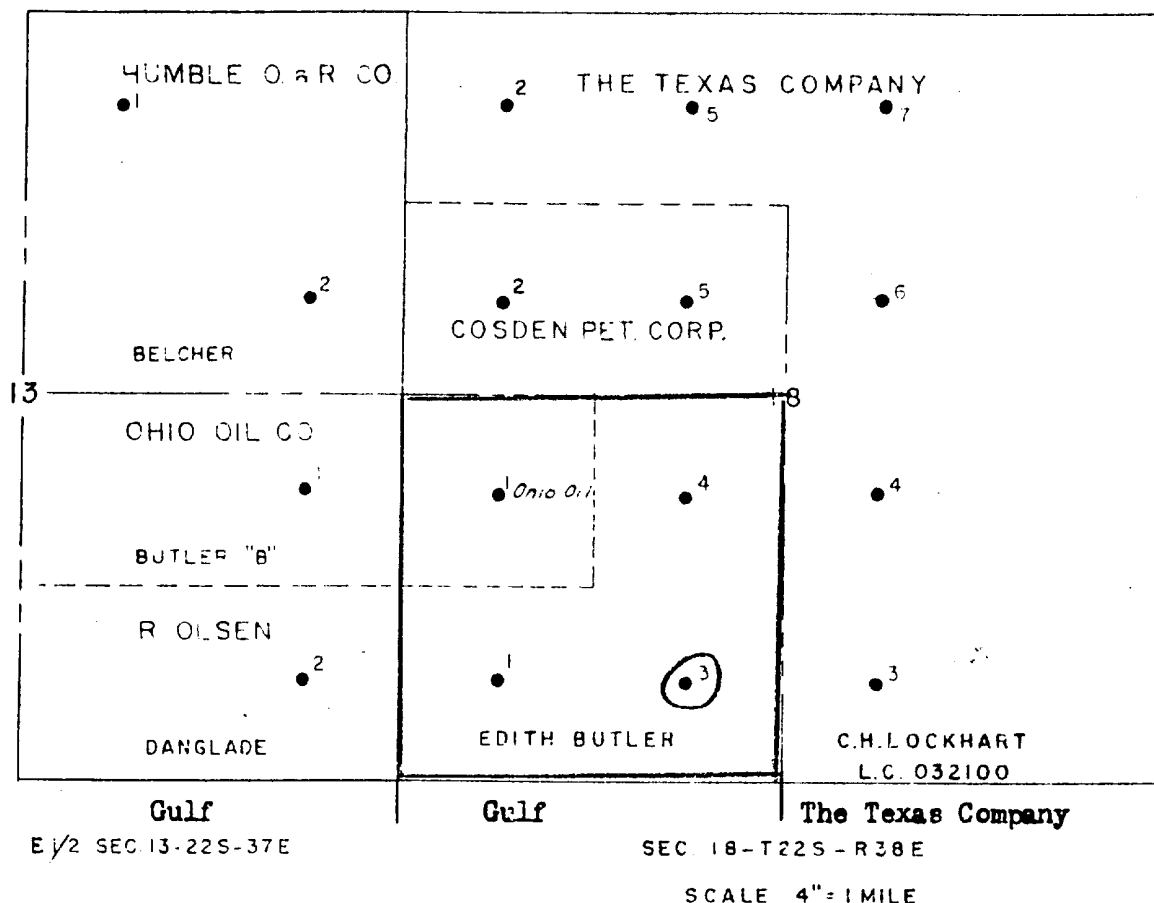
<sup>11</sup> Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

<sup>12</sup> Dedicated Acres 40	<sup>13</sup> Joint or Infill NO	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED  
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

<sup>16</sup>					<sup>17</sup> OPERATOR CERTIFICATION <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i>   Signature Ernie L. Hegwer Printed Name Operator Title July 9, 1998 Date
<sup>18</sup> SURVEYOR CERTIFICATION <i>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</i>  Date of Survey Signature and Seal of Professional Surveyer:					
1980' FWL					
660' FSL					
Certificate Number					



I, Charles P. Miller a licensed surveyor of the State of New Mexico, hereby certify that I have surveyed for COSDEN PETROLEUM CORPORATION the location sites shown upon its property as platted herewith. I certify further that the offset locations shown to Cosden Petroleum Corporation; as platted herewith; are to the best of my knowledge correctly located.

In witness whereof I hereunto affix my hand and seal this 10th day of July 1954.

*Charles P. Miller*

(There are no direct offsets to the South boundary of Cosden Petroleum Corporation's Butler lease)

**ERNIE L. HEGWER COMPANY**

OIL & GAS OPERATOR

P. O. BOX 1637

HOBBS, NEW MEXICO 88241

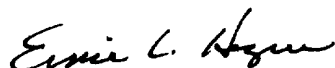
July 9, 1998

Re: DHC - Edith Butler #3  
Unit Letter N, Sec 18, T-22-S, R-38-E  
Lea County, N.M.

To: All Offset Operators

We have filed application to downhole commingle the above referenced well. Zones to be commingled are the Blinbry, Tubb and Brunson Drinkard Abo south. If you have any questions concerning the application please feel free to call me at ( 505) 393-6327.

Sincerely,

A handwritten signature in cursive script, appearing to read "Ernie L. Hegwer".

Ernie L. Hegwer





## **EXHIBIT 1**

### **DHC- Edith Butler # 3**

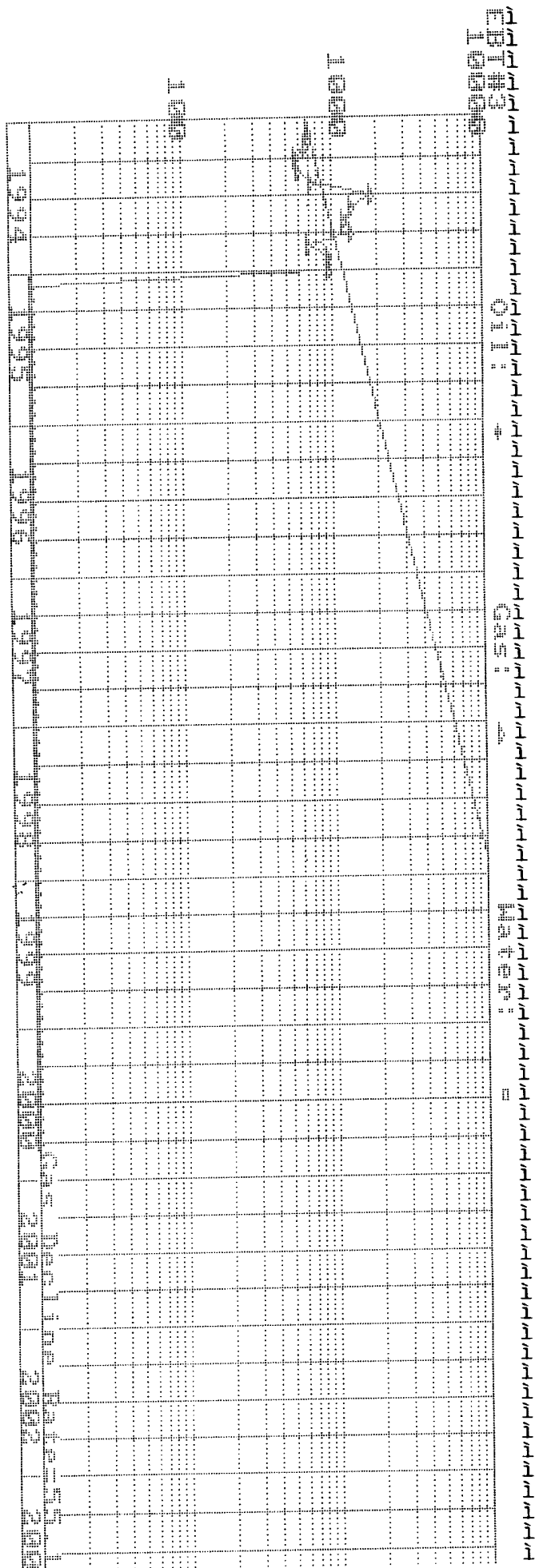
Unit Letter N, Sec 18, T-22-S, R-38-E  
Lea County, N.M.

### **Offset Operators**

1. Texaco Exploration & Production  
P.O. Box 3109  
Midland, TX 79702
2. Hanson Operating., Inc.  
P.O. Box 1515  
Roswell, N.M. 88202

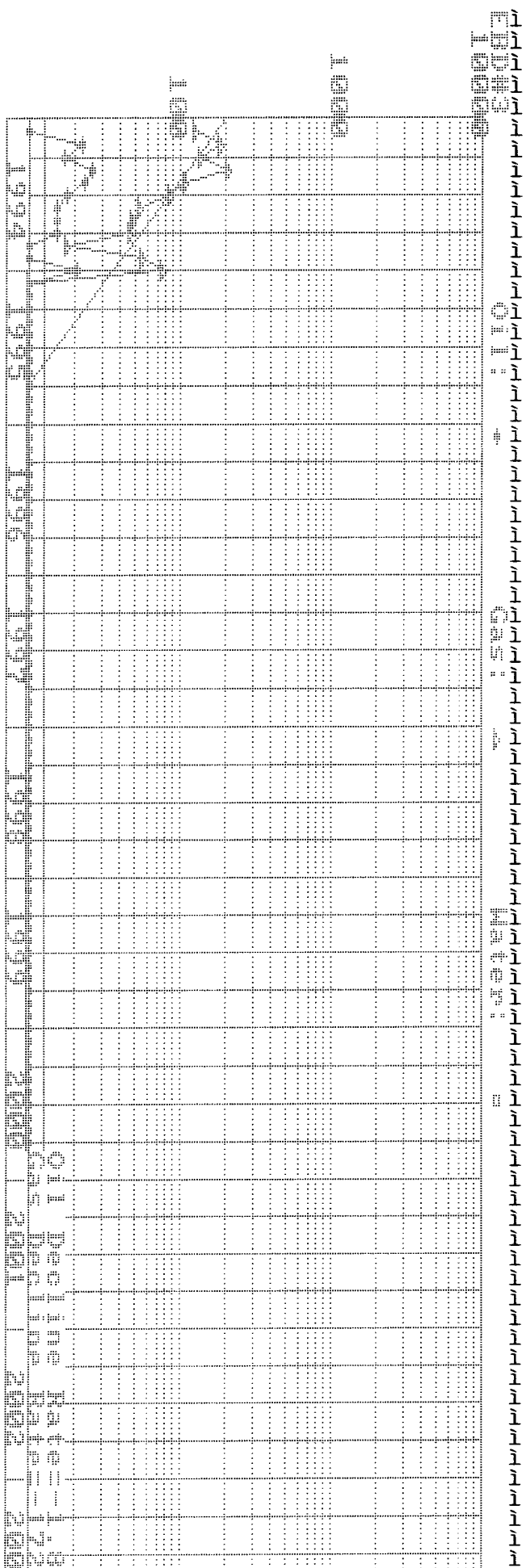


Production History  
 Edith Butler # 3 Tubb  
 Year Total 11,678 MCF Oil-0





Production History  
 Edith Butler # 3 Drinkard  
 Year Total Oil - 186 Bbls Gas 1,151 MCF





Production History  
 Edith Butler # 3 Blinebry  
 Year Total Oil 3,607 Gas 20,000 MCF

