



L. P. Thompson  
Division Manager

John R. Kemp  
Assistant Division Manager

Production Department  
Hobbs Division  
North American Production

Conoco Inc.  
P. O. Box 460  
1001 North Turner  
Hobbs, NM 88240  
(505) 393-4141

March 26, 1981

New Mexico Oil Conservation Division  
Department of Energy and Minerals  
State of New Mexico  
P.O. Box 2088  
Santa Fe, NM 87501

Gentlemen:

Request for Approval to Downhole Commingle Warren Unit No. 82

Conoco Inc. requests approval to downhole commingle production from the Blinebry Oil and Gas and the D-K Abo zones in the subject well, located in Section 35, T-20S, R-38E, Lea County, New Mexico.

Warren Unit Well No. 82 was recently dual completed in accordance with NMOCD Case 7078, Order No. R-6522. However, testing has shown the Blinebry side to be marginally productive. A schedule showing these tests is attached and a schedule estimating future production rates. Also attached are copies of the Well Completion reports filed with the USGS which describe the treating and testing of each zone.

Ownership of both zones is common, and a copy of this request is also being sent to the USGS. Conoco Inc. is operator of all offsets (see attached plat).

The data from each zone is summarized as follows:

2-25-81  
BLINEBRY  
ABO

60350' PUMPED OFF

|          | Bottom hole<br>Pressures (est) | PRODUCTION |              |              |                |              |
|----------|--------------------------------|------------|--------------|--------------|----------------|--------------|
|          |                                | Oil<br>BPD | Gas<br>MCFPD | Water<br>BPD | Oil<br>Gravity | Oil<br>Value |
| Blinebry | 2560 PSIA                      | 6 17%      | 173 98%      | 30 77%       | 49.6           | 37.98        |
| DK-Abo   | 3100 PSIA                      | 30 83%     | 4 2%         | 9 23%        | 38.9           | 37.96        |
|          |                                | 36         | 175          | 39           |                |              |

Downhole commingling will provide pumping efficiency that can not otherwise be achieved. Extreme "sanding" problems with the Abo formation are being experienced. At the present time, both production strings of tubing and the vent string are plugged with sand. It will be uneconomical to produce the Blinebry zone unless downhole commingling is permitted. Approval of this application is believed to be in the best interest of conservation and will violate the correlative rights of no party. No reduction in oil values will result from commingling production in Warren Unit No. 82.

NMOCD  
March 26, 1981  
Page 2

Your approval of this application authorizing the commingling in the wellbore of Blinebry Oil and Gas and D-K Abo production is requested.

Yours Very Truly,

A handwritten signature in cursive script, appearing to read "J. Thompson".

MJJ:bep  
Attachments

# TESTS

Warren Unit No. 82

| <u>DATE</u> | <u>BLINEBRY</u> |            |              | <u>ABO</u> |            |              |
|-------------|-----------------|------------|--------------|------------|------------|--------------|
|             | <u>OIL</u>      | <u>GAS</u> | <u>WATER</u> | <u>OIL</u> | <u>GAS</u> | <u>WATER</u> |
| 12-13-80    | 0               | TSTM       | 201          |            |            |              |
| 12-14-80    | 0               | 38         | 175          |            |            |              |
| 01-15-81    | 6               | 56         | 175          |            |            |              |
| 01-16-81    | 0               | TSTM       | 186          | 6          | 116        | 159          |
| 01-17-81    |                 |            |              | 37         | 76         | 88           |
| 01-30-81    | 13              | 168        | 155          | 18         | 0          | 61           |
| 01-31-81    | 0               | 0          | 182          |            |            |              |
| 02-10-81    |                 |            |              | 30         | 0          | 1            |
| 02-24-81    |                 |            |              | 35         | 10         | 165*         |
| 02-25-81    |                 |            |              | 30         | 4          | 9            |
| 02-27-81    | 6               | 173        | 30           |            |            |              |
| 02-28-81    | 7               | 0          | 0            | 36         | 0          | 0            |
| 03-01-81    | 7               | 172        | 0            |            |            |              |

\*The large reported water production on this date was due to mechanical problems with the test system

RESERVES  
Warren Unit No. 82

| <u>YEAR</u> | <u>ABO</u>     |                  | <u>BLINEBRY</u> |                  |
|-------------|----------------|------------------|-----------------|------------------|
|             | <u>OIL(MB)</u> | <u>GAS(MMCF)</u> | <u>OIL(MB)</u>  | <u>GAS(MMCF)</u> |
| 1           | 10.9           | 3.0              | 2.2             | 36.5             |
| 2           | 7.6            | 2.3              | 1.8             | 23.7             |
| 3           | 5.7            | 1.7              | 1.4             | 16.6             |
| 4           | 4.6            | 1.4              | 1.1             | 11.6             |
| 5           | 3.7            | 1.1              | .9              | 8.7              |
| 6           | 2.9            | .9               | .7              | 6.5              |
| 7           | 2.3            | .7               | .6              | 4.9              |
| 8           | 1.9            | .6               | .5              | 3.7              |
| 9           | 1.5            | .5               | .4              | 2.6              |
| 10          | <u>1.2</u>     | <u>.4</u>        | <u>.3</u>       | <u>2.1</u>       |
|             | 42.3           | 12.6             | 9.9             | 116.9            |

NEW MEXICO OIL CONSERVATION COMMISSION  
GAS-OIL RATIO TESTS

C-116  
Revised 1-1-65

| Operator          |          | Pool                          |    | County             |              | Lea                                                                             |             |                 |                      |                   |             |           |           |                             |            |     |
|-------------------|----------|-------------------------------|----|--------------------|--------------|---------------------------------------------------------------------------------|-------------|-----------------|----------------------|-------------------|-------------|-----------|-----------|-----------------------------|------------|-----|
| Conoco Inc.       |          | D-K Abo                       |    |                    |              |                                                                                 |             |                 |                      |                   |             |           |           |                             |            |     |
| Address           |          | P.O. Box 460, Hobbs, NM 88240 |    | TYPE OF TEST - (X) |              | Completion <input type="checkbox"/> Special <input checked="" type="checkbox"/> |             |                 |                      |                   |             |           |           |                             |            |     |
| LEASE NAME        | WELL NO. | LOCATION                      |    |                    | DATE OF TEST | CHOKE SIZE                                                                      | TBG. PRESS. | DAILY ALLOWABLE | LENGTH OF TEST HOURS | PROD. DURING TEST |             |           |           | GAS - OIL RATIO CU.FT./BBL. |            |     |
|                   |          | U                             | S  | T                  |              |                                                                                 |             |                 |                      | R                 | WATER BBLs. | GRAV. OIL | OIL BBLs. |                             | GAS M.C.F. |     |
| Warren Unit - Abo | 82       | G                             | 35 | 20                 | 38           | 2-26-81                                                                         | P           | Open            | 45                   | 35                | 24.0        | 9         | 38.9      | 30                          | 4          | 133 |

No well will be assigned an allowable greater than the amount of oil produced on the official test.

During gas-oil ratio test, each well shall be produced at a rate not exceeding the top unit allowable for the pool in which well is located by more than 25 percent. Operator is encouraged to take advantage of this 25 percent tolerance in order that well can be assigned increased allowables when authorized by the Commission.

Gas volumes must be reported in MCF measured at a pressure base of 15.025 psia and a temperature of 60° F. Specific gravity base will be 0.60.

Report casing pressure in lieu of tubing pressure for any well producing through casing.

Mail original and one copy of this report to the district office of the New Mexico Oil Conservation Commission in accordance with Rule 301 and appropriate pool rules.

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

*James H. Lee*  
(Signature)

Administrative Supervisor

(Title)

March 26, 1981

(Date)

NEW MEXICO OIL CONSERVATION COMMISSION  
GAS-OIL RATIO TESTS

C-116  
Revised 1-1-65

| Operator<br><b>Conoco Inc.</b>                  |          | Pool<br><b>Blinebry Oil &amp; Gas</b> |    | County<br><b>Lea</b>                                                                                               |              |            |             |                   |                      |                   |             |           |                             |           |            |        |
|-------------------------------------------------|----------|---------------------------------------|----|--------------------------------------------------------------------------------------------------------------------|--------------|------------|-------------|-------------------|----------------------|-------------------|-------------|-----------|-----------------------------|-----------|------------|--------|
| Address<br><b>P.O. Box 460, Hobbs, NM 88240</b> |          | TYPE OF TEST - (X)                    |    | Completion <input type="checkbox"/> Scheduled <input type="checkbox"/> Special <input checked="" type="checkbox"/> |              |            |             |                   |                      |                   |             |           |                             |           |            |        |
| LEASE NAME                                      | WELL NO. | LOCATION                              |    |                                                                                                                    | DATE OF TEST | CHOKE SIZE | TBG. PRESS. | DAILY ALLOW. ABLE | LENGTH OF TEST HOURS | PROD. DURING TEST |             |           | GAS - OIL RATIO CU.FT./BBL. |           |            |        |
|                                                 |          | U                                     | S  | T                                                                                                                  |              |            |             |                   |                      | R                 | WATER BBLs. | GRAV. OIL |                             | OIL BBLs. | GAS M.C.F. |        |
| Warren Unit - Blinebry                          | 82       | G                                     | 35 | 20                                                                                                                 | 38           | 2-26-81    | P           | Open              | 45                   | 6                 | 24.0        | 30        | 39.6                        | 6         | 173        | 28,830 |

No well will be assigned an allowable greater than the amount of oil produced on the official test.

During gas-oil ratio test, each well shall be produced at a rate not exceeding the top unit allowable for the pool in which well is located by more than 25 percent. Operator is encouraged to take advantage of this 25 percent tolerance in order that well can be assigned increased allowables when authorized by the Commission.

Gas volumes must be reported in MCF measured at a pressure base of 15.025 psia and a temperature of 60° F. Specific gravity base will be 0.60.

Report casing pressure in lieu of tubing pressure for any well producing through casing.

Mail original and one copy of this report to the district office of the New Mexico Oil Conservation Commission in accordance with Rule 301 and appropriate pool rules.

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

*Gene A. Dur*  
(Signature)

Administrative Supervisor

(Title)

March 26, 1981

(Date)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE\*

(See other in-  
structions on  
reverse side)Form approved.  
Budget Bureau No. 42-R355.5.

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG\*

|                                                                                                                                                                                                                                                                                                           |  |                                                                                                                                                                                                                                                        |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| 1a. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> Other <input type="checkbox"/>                                                                                                                                              |  | 5. LEASE DESIGNATION AND SERIAL NO.<br><b>LC-063458</b>                                                                                                                                                                                                |  |
| b. TYPE OF COMPLETION: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> Other <input type="checkbox"/>                                                           |  | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME                                                                                                                                                                                                                   |  |
| 2. NAME OF OPERATOR<br><b>CONOCO INC.</b>                                                                                                                                                                                                                                                                 |  | 7. UNIT AGREEMENT NAME<br><b>N/M FLL</b>                                                                                                                                                                                                               |  |
| 3. ADDRESS OF OPERATOR<br><b>P.O. Box 460, Hobbs, N.M. 89240</b>                                                                                                                                                                                                                                          |  | 8. FARM OR LEASE NAME<br><b>Warren Unit</b>                                                                                                                                                                                                            |  |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*<br>At surface <b>1980' FNL &amp; 1980' FEL</b><br>At top prod. interval reported below <input checked="" type="checkbox"/><br>At total depth <input checked="" type="checkbox"/>                             |  | 9. WELL NO.<br><b>82</b>                                                                                                                                                                                                                               |  |
| 14. PERMIT NO.                                                                                                                                                                                                                                                                                            |  | DATE ISSUED                                                                                                                                                                                                                                            |  |
| 15. DATE SPUNDED<br><b>9/2/80</b>                                                                                                                                                                                                                                                                         |  | 16. DATE T.D. REACHED<br><b>9/27/80</b>                                                                                                                                                                                                                |  |
| 17. DATE COMPL. (Ready to prod.)<br><b>12/15/80</b>                                                                                                                                                                                                                                                       |  | 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*                                                                                                                                                                                                                |  |
| 19. ELEV. CASINGHEAD                                                                                                                                                                                                                                                                                      |  | 20. TOTAL DEPTH, MD & TVD<br><b>7750'</b>                                                                                                                                                                                                              |  |
| 21. PLUG, BACK T.D., MD & TVD<br><b>7740'</b>                                                                                                                                                                                                                                                             |  | 22. IF MULTIPLE COMPL., HOW MANY*<br><b>2</b>                                                                                                                                                                                                          |  |
| 23. INTERVALS DRILLED BY<br><b>→</b>                                                                                                                                                                                                                                                                      |  | ROTARY TOOLS<br><b>A11</b>                                                                                                                                                                                                                             |  |
| 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*<br><b>7055'-7707' Abo</b>                                                                                                                                                                                                   |  | CABLE TOOLS<br><b>None</b>                                                                                                                                                                                                                             |  |
| 25. WAS DIRECTIONAL SURVEY MADE                                                                                                                                                                                                                                                                           |  | 26. TYPE ELECTRIC AND OTHER LOGS RUN<br><b>GR, CCL, temp. survey</b>                                                                                                                                                                                   |  |
| 27. WAS WELL CORED<br><b>No</b>                                                                                                                                                                                                                                                                           |  | 28. CASING RECORD (Report all strings set in well)                                                                                                                                                                                                     |  |
| 29. LINER RECORD                                                                                                                                                                                                                                                                                          |  | 30. TUBING RECORD                                                                                                                                                                                                                                      |  |
| 31. PERFORATION RECORD (Interval, size and number)<br><b>7055', 63', 65', 87', 7244', 56', 68', 72', 78', 84', 88', 99', 7314', 20', 28', 7401', 25', 43', 69', 77', 7538', 36', 65', 72', 92', 7600', 14', 19', 25', 39', 48', 51', 56', 58', 61', 65', 71', 76', 84', 99', 7708', 7707'. w/ 1 JSPP.</b> |  | 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.<br>DEPTH INTERVAL (MD)<br><b>7055'-7707'</b><br>AMOUNT AND KIND OF MATERIAL USED<br><b>100 bbls. 15% HCL-NE-FE, 438 bbls gelled fluid, 915 bbls 28% acid, 264 bbls gelled fluid slush, 134 bbls TFW</b> |  |
| 33.* PRODUCTION                                                                                                                                                                                                                                                                                           |  | 34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)<br><b>Sold</b>                                                                                                                                                                              |  |
| DATE FIRST PRODUCTION<br><b>12/16/80</b>                                                                                                                                                                                                                                                                  |  | PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)<br><b>Pumping</b>                                                                                                                                                                 |  |
| WELL STATUS (Producing or shut-in)<br><b>Producing</b>                                                                                                                                                                                                                                                    |  | 35. LIST OF ATTACHMENTS                                                                                                                                                                                                                                |  |
| DATE OF TEST<br><b>2/26/81</b>                                                                                                                                                                                                                                                                            |  | HOURS TESTED<br><b>24</b>                                                                                                                                                                                                                              |  |
| CHOKE SIZE<br><b>NA</b>                                                                                                                                                                                                                                                                                   |  | PROD'N. FOR TEST PERIOD<br><b>→</b>                                                                                                                                                                                                                    |  |
| OIL—BBL.<br><b>35</b>                                                                                                                                                                                                                                                                                     |  | GAS—MCF.<br><b>10</b>                                                                                                                                                                                                                                  |  |
| WATER—BBL.<br><b>165</b>                                                                                                                                                                                                                                                                                  |  | GAS-OIL RATIO<br><b>286</b>                                                                                                                                                                                                                            |  |
| FLOW. TUBING PRESS.<br><b>NA</b>                                                                                                                                                                                                                                                                          |  | CASING PRESSURE<br><b>NA</b>                                                                                                                                                                                                                           |  |
| CALCULATED 24-HOUR RATE<br><b>→</b>                                                                                                                                                                                                                                                                       |  | OIL—BBL.<br><b>35</b>                                                                                                                                                                                                                                  |  |
| GAS—MCF.<br><b>10</b>                                                                                                                                                                                                                                                                                     |  | WATER—BBL.<br><b>165</b>                                                                                                                                                                                                                               |  |
| OIL GRAVITY-API (CORR.)                                                                                                                                                                                                                                                                                   |  | TEST WITNESSED BY<br><b>P.R. DeFoe</b>                                                                                                                                                                                                                 |  |
| 36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records                                                                                                                                                                         |  | SIGNED <b>W. A. DeFoe</b> TITLE <b>Administrative Supervisor</b> DATE <b>March 12, 1981</b>                                                                                                                                                            |  |

\*(See Instructions and Spaces for Additional Data on Reverse Side)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE\*

(See other in-  
structions on  
reverse side)Form approved.  
Budget Bureau No. 42-R355.6.

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG\*

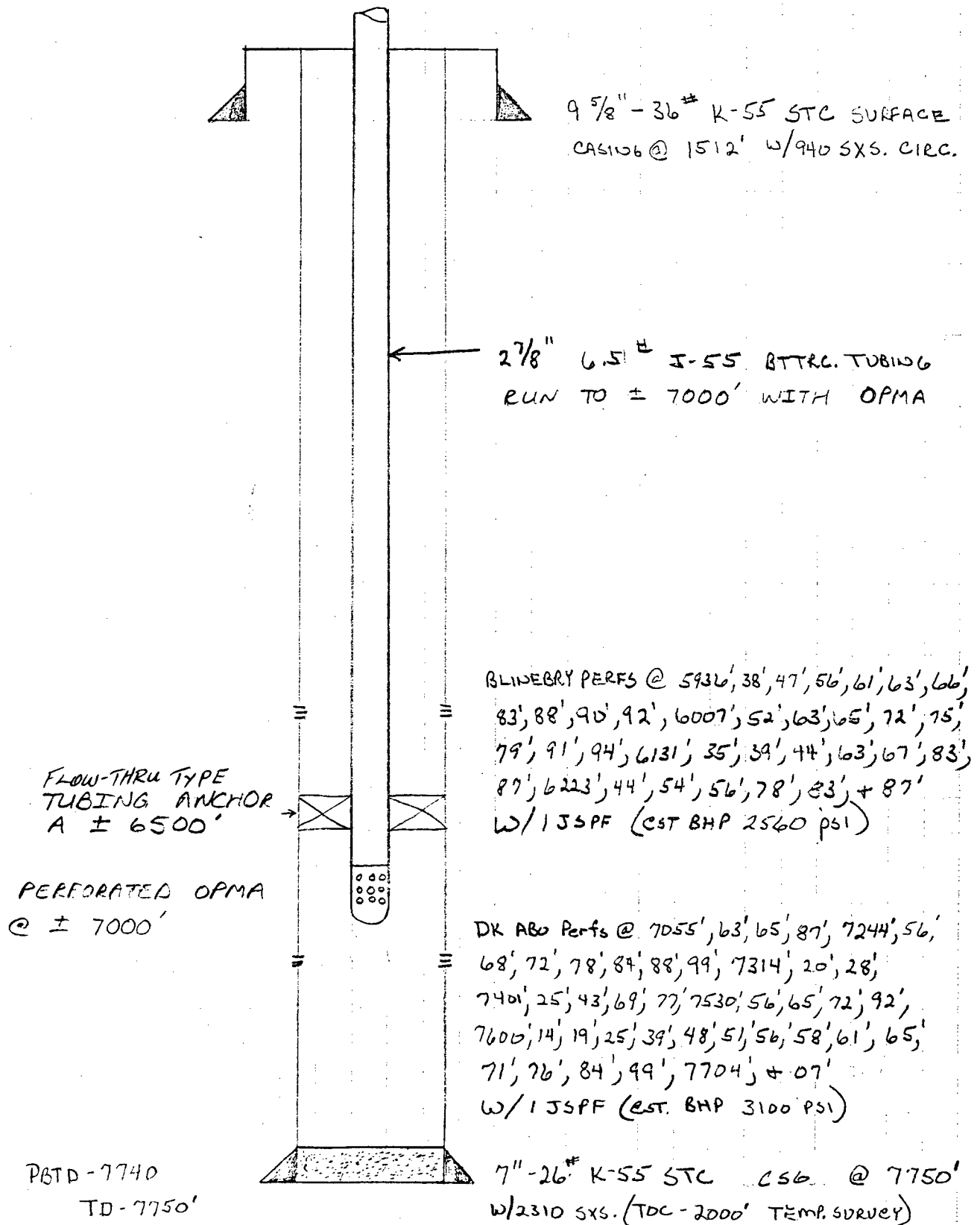
|                                                                                                                                                                                                                                                              |                       |                                                                                 |                              |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|---------------------------------------------------------------------------------|------------------------------|
| 1a. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> Other <input type="checkbox"/>                                                                                                 |                       | 5. LEASE DESIGNATION AND SERIAL NO.<br>LC-063458                                |                              |
| b. TYPE OF COMPLETION: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> Other <input type="checkbox"/>              |                       | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME                                            |                              |
| 2. NAME OF OPERATOR<br>CONOCO INC.                                                                                                                                                                                                                           |                       | 7. UNIT AGREEMENT NAME<br>NMFLL                                                 |                              |
| 3. ADDRESS OF OPERATOR<br>P. O. Box 460, Hobbs, N.M. 88240                                                                                                                                                                                                   |                       | 8. FARM OR LEASE NAME<br>Warren Unit                                            |                              |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*<br>At surface 1980' FNL & 1980' FEL<br>At top prod. interval reported below<br>At total depth                                                                   |                       | 9. WELL NO.<br>82                                                               |                              |
| 14. PERMIT NO.                                                                                                                                                                                                                                               |                       | DATE ISSUED                                                                     |                              |
| 15. DATE SPUDDED<br>9/20/80                                                                                                                                                                                                                                  |                       | 16. DATE T.D. REACHED<br>9/27/80                                                |                              |
| 17. DATE COMPL. (Ready to prod.)<br>12/12/80                                                                                                                                                                                                                 |                       | 18. ELEVATIONS (DF, REB, RT, GR, ETC.)*                                         |                              |
| 19. ELEV. CASINGHEAD                                                                                                                                                                                                                                         |                       | 11. SEC., T., R., M. OR BLOCK AND SURVEY OR AREA<br>Sec 35, T-20S, R-38E        |                              |
| 20. TOTAL DEPTH, MD & TVD<br>7750'                                                                                                                                                                                                                           |                       | 12. COUNTY OR PARISH<br>Lea                                                     |                              |
| 21. PLUG, BACK T.D., MD & TVD<br>7740'                                                                                                                                                                                                                       |                       | 13. STATE<br>NM                                                                 |                              |
| 22. IF MULTIPLE COMPL., HOW MANY*<br>2                                                                                                                                                                                                                       |                       | 23. INTERVALS DRILLED BY<br>All                                                 |                              |
| 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*<br>5936'-6287' Blinebry                                                                                                                                                        |                       | 25. WAS DIRECTIONAL SURVEY MADE<br>None                                         |                              |
| 26. TYPE ELECTRIC AND OTHER LOGS RUN<br>GR, CCL, temp. survey                                                                                                                                                                                                |                       | 27. WAS WELL CORED<br>No                                                        |                              |
| 28. CASING RECORD (Report all strings set in well)                                                                                                                                                                                                           |                       |                                                                                 |                              |
| CASING SIZE                                                                                                                                                                                                                                                  | WEIGHT, LB./FT.       | DEPTH SET (MD)                                                                  | HOLE SIZE                    |
| 9 5/8"                                                                                                                                                                                                                                                       | 36 #                  | 1512'                                                                           | 12 1/4"                      |
| 7"                                                                                                                                                                                                                                                           | 26 #                  | 7750'                                                                           | 8 3/4"                       |
| CEMENTING RECORD                                                                                                                                                                                                                                             |                       |                                                                                 |                              |
| 940 SK.                                                                                                                                                                                                                                                      |                       |                                                                                 |                              |
| 2310 SK.                                                                                                                                                                                                                                                     |                       |                                                                                 |                              |
| AMOUNT PULLED                                                                                                                                                                                                                                                |                       |                                                                                 |                              |
| 120 SK.                                                                                                                                                                                                                                                      |                       |                                                                                 |                              |
| TDC 2000' by temp. survey                                                                                                                                                                                                                                    |                       |                                                                                 |                              |
| 29. LINER RECORD                                                                                                                                                                                                                                             |                       |                                                                                 |                              |
| SIZE                                                                                                                                                                                                                                                         | TOP (MD)              | BOTTOM (MD)                                                                     | SACKS CEMENT*                |
|                                                                                                                                                                                                                                                              | None                  |                                                                                 |                              |
| 30. TUBING RECORD                                                                                                                                                                                                                                            |                       |                                                                                 |                              |
| SIZE                                                                                                                                                                                                                                                         | DEPTH SET (MD)        | PACKER SET (MD)                                                                 |                              |
| 2 3/8"                                                                                                                                                                                                                                                       |                       | 6700'                                                                           |                              |
| 31. PERFORATION RECORD (Interval, size and number)<br>5936', 38', 47', 54', 61', 63', 66', 83', 88', 90', 92', 6007', 52', 63', 65', 67', 72', 75', 79', 91', 6094', 6131', 35', 39', 44', 63', 67', 83', 87', 6225', 44', 54', 56', 78', 83', 87' w/ 1 JSFP |                       |                                                                                 |                              |
| 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.                                                                                                                                                                                                               |                       |                                                                                 |                              |
| DEPTH INTERVAL (MD)                                                                                                                                                                                                                                          |                       | AMOUNT AND KIND OF MATERIAL USED                                                |                              |
| 5936'-6287'                                                                                                                                                                                                                                                  |                       | 124666 15% acid, 2742666 frac fluid, 13428# 100 mesh sd, 175172 20/40 sd.       |                              |
| 33. PRODUCTION                                                                                                                                                                                                                                               |                       |                                                                                 |                              |
| DATE FIRST PRODUCTION<br>12/13/80                                                                                                                                                                                                                            |                       | PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)<br>Pumping |                              |
| WELL STATUS (Producing or shut-in)<br>Producing                                                                                                                                                                                                              |                       |                                                                                 |                              |
| DATE OF TEST<br>2/26/81                                                                                                                                                                                                                                      | HOURS TESTED<br>24    | CHOKE SIZE<br>NA                                                                | PROD'N. FOR TEST PERIOD<br>→ |
| FLOW. TUBING PRESS.<br>NA                                                                                                                                                                                                                                    | CASING PRESSURE<br>NA | CALCULATED 24-HOUR RATE<br>→                                                    | OIL—BBL.<br>6                |
| GAS—MCF.<br>173                                                                                                                                                                                                                                              |                       | WATER—BBL.<br>30                                                                |                              |
| OIL GRAVITY-API (CORR.)<br>28833                                                                                                                                                                                                                             |                       |                                                                                 |                              |
| 34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)<br>Sld                                                                                                                                                                                            |                       |                                                                                 |                              |
| TEST WITNESSED BY<br>P.R. DeFoe                                                                                                                                                                                                                              |                       |                                                                                 |                              |
| 35. LIST OF ATTACHMENTS                                                                                                                                                                                                                                      |                       |                                                                                 |                              |
| 36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records                                                                                                                            |                       |                                                                                 |                              |
| SIGNED<br>Wm A. Fothergill                                                                                                                                                                                                                                   |                       | TITLE<br>Administrative Supervisor                                              |                              |
| DATE<br>March 12, 1981                                                                                                                                                                                                                                       |                       |                                                                                 |                              |

\*(See Instructions and Spaces for Additional Data on Reverse Side)



WARREN UNIT 82  
ELEV. 3556' G.L.  
KBM: 11' AGL.

1980' FNL + 1980' FEL  
SEC. 35, T-203, R. 38E  
LEA COUNTY, NEW MEXICO



Drawn By JMB

Checked By

Date 3-26-81

Page of

Calculation Sheet

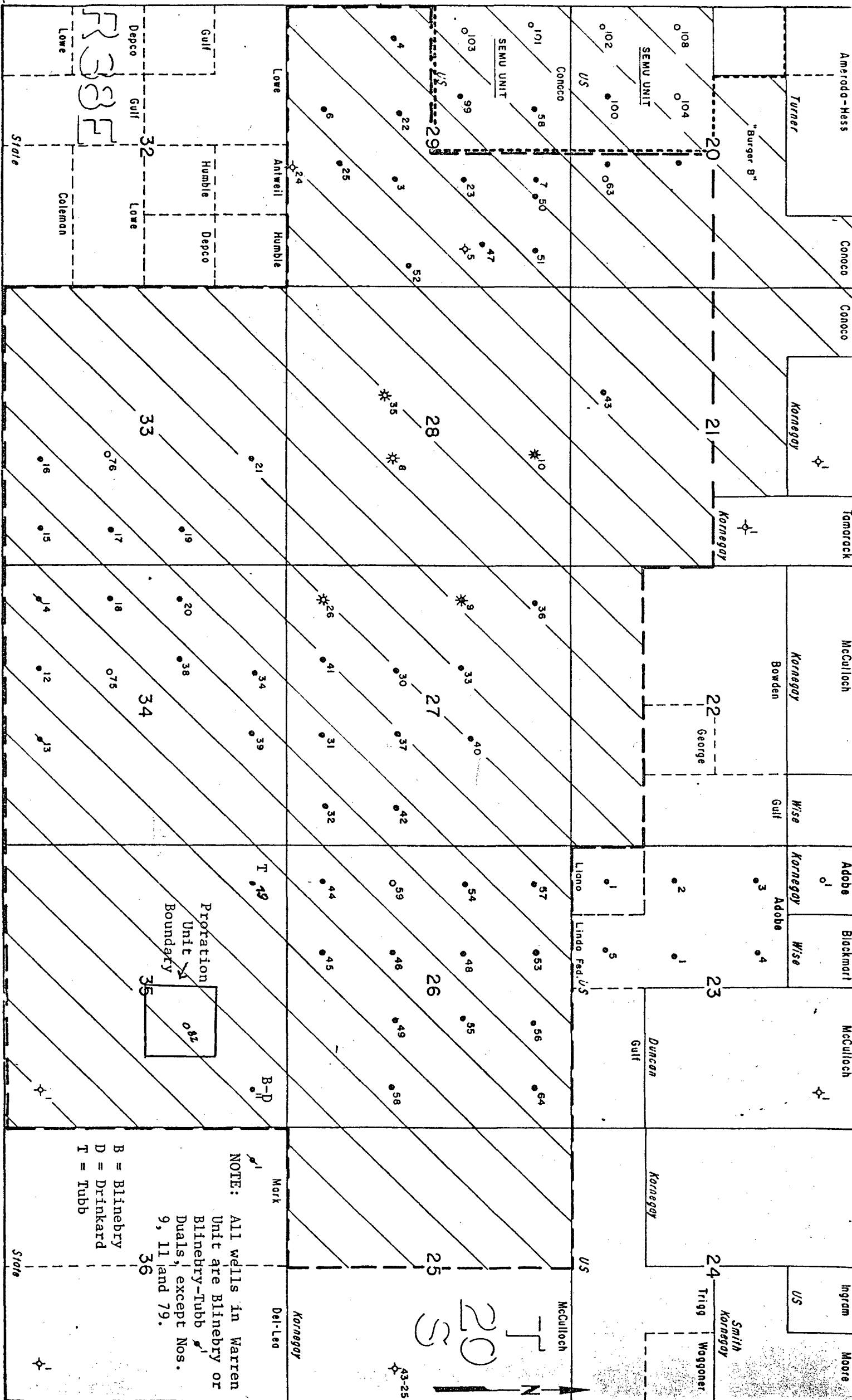
Title WARREN UNIT 82

Proposed Wellbore Diag. For Commencing

Job No.

Field

State



NOTE: All wells in Warren Unit are Blinbery or Blinbery-Tubb Duals, except Nos. 9, 11 and 79.

B = Blinbery  
D = Drinkard  
T = Tubb