

District I  
PO Box 1980, Hobbs, NM 88241-1980  
District II  
PO Drawer DD, Artesia, NM 88211-0719  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico  
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION  
PO Box 2088  
Santa Fe, NM 87504-2088

Form C-101  
Revised February 10, 1994  
Instructions on back  
Submit to Appropriate District Office  
State Lease - 6 Copies  
Fee Lease - 5 Copies

☐ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

|  |                                |                            |
|--|--------------------------------|----------------------------|
| Operator Name and Address:<br>Pogo Producing Company<br>P.O. Box 10340<br>Midland, Texas 79702 |                                | OGRID Number<br>017891     |
| Property Code<br>13081   | Property Name<br>H. Buck State | API Number<br>30-015-28650 |
|  |                                | Well No.<br>5              |

Surface Location

| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| O             | 16      | 24S      | 29E   |         | 810           | South            | 1650          | East           | Eddy   |

Proposed 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 |
|---|---------|----------|-------|---------|--------------------------|------------------|---------------|----------------|--------|
| Proposed Pool 1<br>Coral Draw, Bone Springs |         |          |       |         | Proposed Pool 2<br>96238 |                  |               |                |        |

|                     |                         |                           |                              |                                 |
|---------------------|-------------------------|---------------------------|------------------------------|---------------------------------|
| Work Type Code<br>N | Well Type Code<br>O     | Cable/Rotary<br>R         | Lease Type Code<br>S         | Ground Level Elevation<br>2903' |
| Multiple<br>S       | Proposed Depth<br>7800' | Formation<br>Bone Springs | Contractor<br>To be selected | Spud Date<br>Upon Approval      |

Proposed Casing and Cement Program

| Hole Size | Casing Size | Casing weight/foot | Setting Depth | Sacks of Cement | Estimated TOC |
|-----------|-------------|--------------------|---------------|-----------------|---------------|
| 14 3/4"   | 10 3/4"     | 40.5#              | 500'          | 375sx           | Surface       |
| 9 7/8"    | 7 5/8"      | 26.40#             | 2900'         | 750sx           | Surface       |
| 6 3/4"    | 4 1/2"      | 11.60#             | 7800'         | 1100            | 2000'         |
|           |             |                    |               |                 |               |
|           |             |                    |               |                 |               |

Describe the proposed program. If this application is to DEEPEN or PLUG BACK give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

This proposed well is a Delaware/Bone Springs test.

B.O.P. Sketch is attached.

SEP 20 1995

OIL CON. DIV.

|   |  |   |  |
|---|--|---|--|
| I hereby certify that the information given above is true and complete to the best of my knowledge and belief.<br>Signature: <i>James M.C. Ritchie, Jr.</i><br>Printed name: James M.C. Ritchie, Jr.<br>Title: Agent<br>Date: 9/14/95 |  | OIL CONSERVATION DIVISION<br>Approved by: ORIGINAL SIGNED BY TIM W. GUM<br>DISTRICT II SUPERVISOR<br>Title:<br>Approval Date: 9-21-95<br>Expiration Date: 3-21-96<br>Conditions of Approval:<br>Attached <input type="checkbox"/> |  |
|---|--|---|--|

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Post ID-1  
9-29-95  
New York API

Posted ID-1  
9-27-96  
EXP INT.

DISTRICT I  
P.O. Box 1960, Hobbs, NM 88241-1960

DISTRICT II  
P.O. Drawer DD, Artesia, NM 88211-0719

DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV  
P.O. BOX 2088, SANTA FE, N.M. 87504-2088

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-102  
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State Lease - 4 Copies  
Fee Lease - 3 Copies

OIL CONSERVATION DIVISION

P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

|                                   |  |   |
|-----------------------------------|--|---|
| API Number<br><b>30-015-28650</b> | Pool Code<br><b>96238</b>                  | Pool Name<br><b>Cornal Draw; Bone Springs</b> |
| Property Code                     | Property Name<br><b>H. BUCK STATE</b>      | Well Number<br><b>5</b>                       |
| OGRID No.<br><b>017891</b>        | Operator Name<br><b>POGO PRODUCING CO.</b> | Elevation<br><b>2903</b>                      |

Surface Location

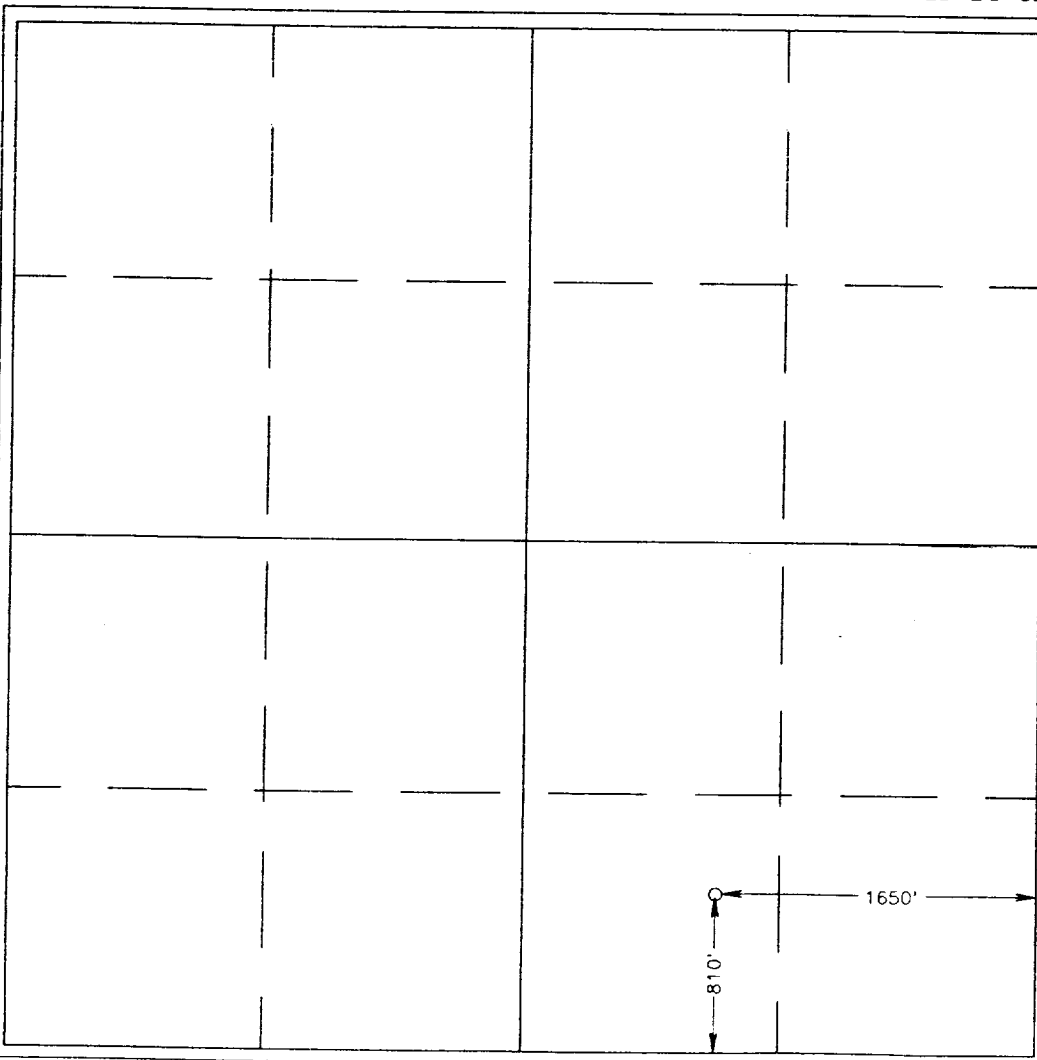
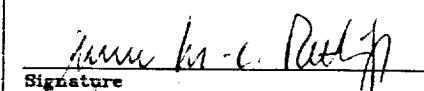
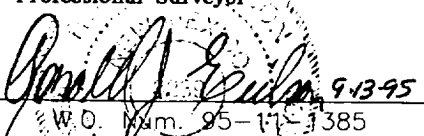
|                           |                      |                         |                      |         |                             |                                  |                              |                               |                       |
|---------------------------|----------------------|-------------------------|----------------------|---------|-----------------------------|----------------------------------|------------------------------|-------------------------------|-----------------------|
| UL or lot No.<br><b>0</b> | Section<br><b>16</b> | Township<br><b>24 S</b> | Range<br><b>29 E</b> | Lot Idn | Feet from the<br><b>810</b> | North/South line<br><b>SOUTH</b> | Feet from the<br><b>1650</b> | East/West line<br><b>EAST</b> | County<br><b>EDDY</b> |
|---------------------------|----------------------|-------------------------|----------------------|---------|-----------------------------|----------------------------------|------------------------------|-------------------------------|-----------------------|

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 |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|

|                              |                 |                    |           |
|------------------------------|-----------------|--------------------|-----------|
| Dedicated Acres<br><b>40</b> | Joint or Infill | Consolidation Code | Order No. |
|------------------------------|-----------------|--------------------|-----------|

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

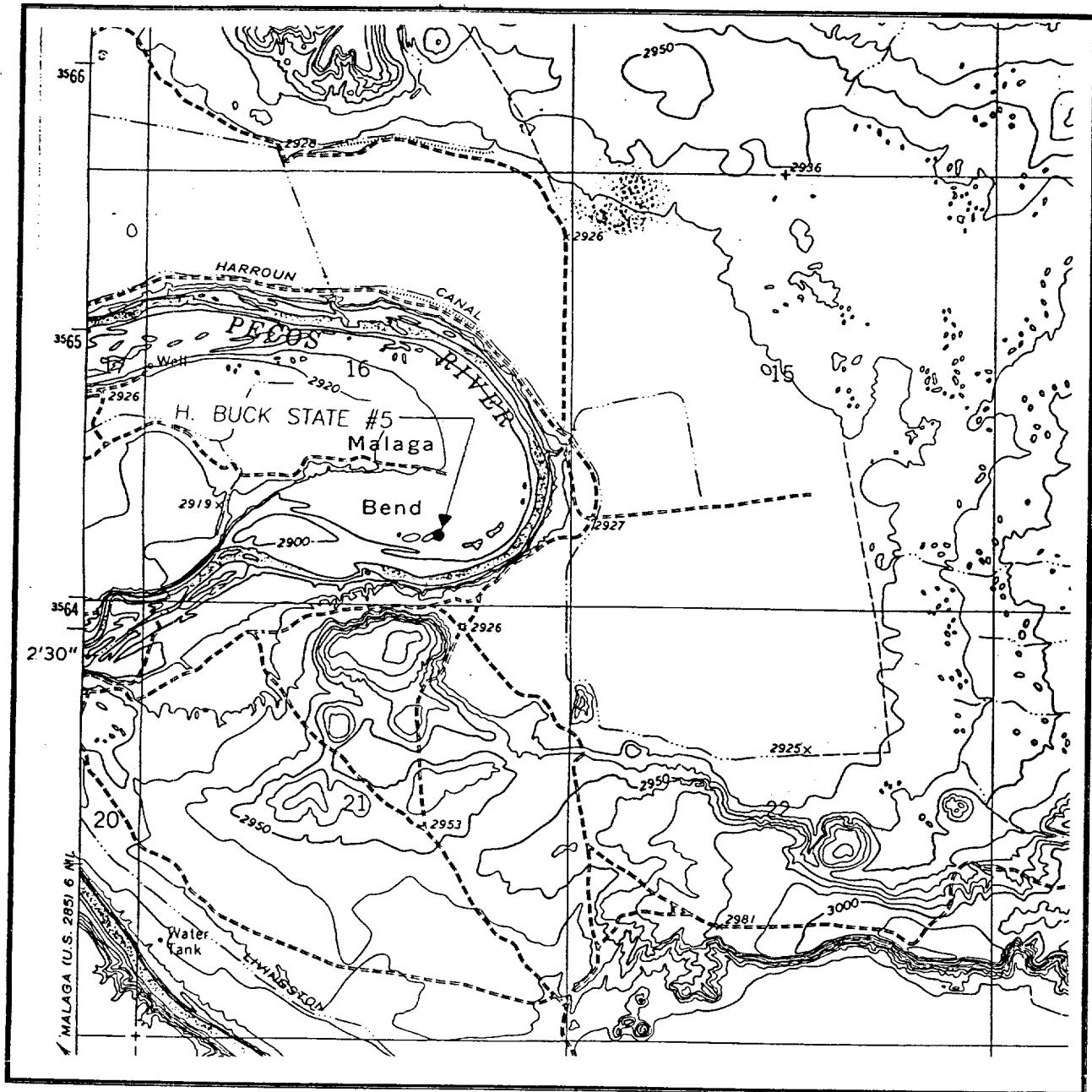
|   |  |
|---|--|
|  | <b>OPERATOR CERTIFICATION</b><br><br><i>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</i><br><br><br>Signature<br><b>James M.C. Ritchie, Jr.</b><br>Printed Name<br><b>Agent</b><br>Title<br><b>9/14/95</b><br>Date  |
|   | <b>SURVEYOR CERTIFICATION</b><br><br><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><br><br><b>SEPT. 12, 1995</b><br>Date Surveyed<br><b>DMCC</b><br>Signature & Seal of Professional Surveyor<br><br><b>W.O. Num. 95-17-1385</b><br>Certificate No. <b>JOHN W. WEST</b> 676<br><b>RONALD J. EIDSON</b> 3239<br><b>CARY EIDSON</b> 12641 |

**RECEIVED**

SEP 18 1995

U.S. DEPT. OF JUSTICE  
FEDERAL BUREAU OF INVESTIGATION

# LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL:  
PIERCE CANYON - 10'

SEC. 16 TWP. 24-S RGE. 29-E

SURVEY N.M.P.M.

COUNTY EDDY

DESCRIPTION 810' FSL & 1650' FEL

ELEVATION 2905

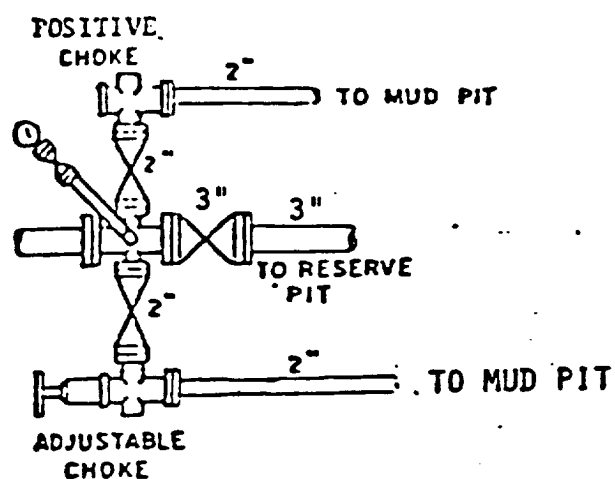
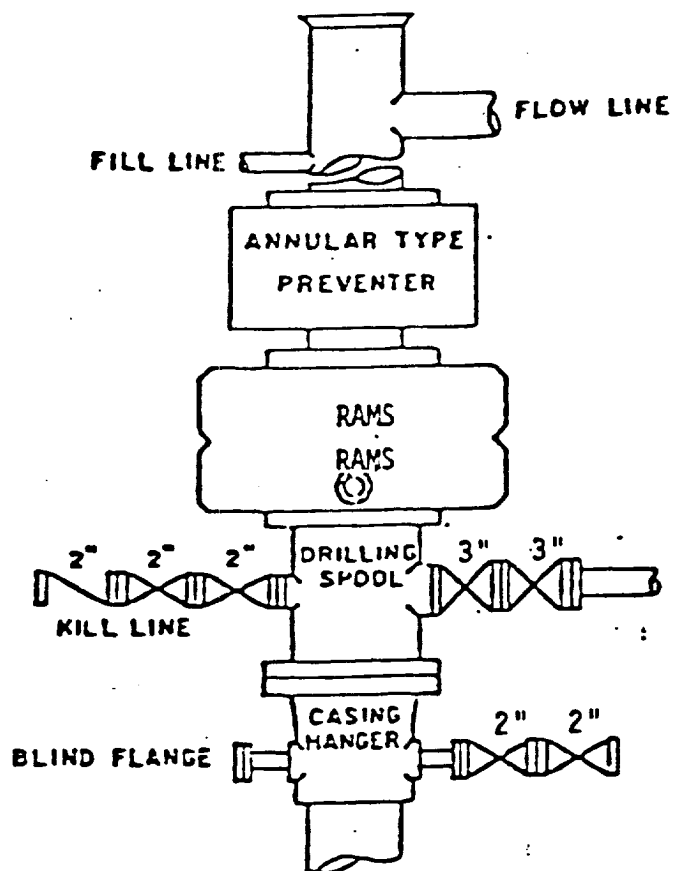
OPERATOR POGO PRODUCING CO.

LEASE H. BUCK STATE

U.S.G.S. TOPOGRAPHIC MAP

PIERCE CANYON, N.M.

**JOHN WEST ENGINEERING**  
**HOBBS, NEW MEXICO**  
**(505) 393-3117**



BOP STACK

3000 PSI WORKING PRESSURE

BOP ARRANGEMENT

**RECEIVED**  
SEP 1 1945  
OCD HUBBS  
OFFICE