

District I  
PO Box 1980, Hobbs, NM 88241-1980

State of New Mexico  
Energy, Minerals & Natural Resources Department

Form C-104  
Revised February 10, 1994

District II  
PO Drawer DD, Artesia, NM 88211-0719

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

Instruction on back  
Submit to Appropriate District Office  
5 Copies

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

District IV  
PO Box 2088, Santa Fe, NM 87504-2088

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

|                                                                                                                  |                                                |                                           |
|------------------------------------------------------------------------------------------------------------------|------------------------------------------------|-------------------------------------------|
| <sup>1</sup> Operator Name and Address<br>ARCH PETROLEUM INC.<br><br>10 DESTA DRIVE, STE. 420E, MIDLAND TX 79705 |                                                | <sup>2</sup> OGRID Number<br>000962       |
|                                                                                                                  |                                                | <sup>3</sup> Reason for Filing Code<br>RC |
| <sup>4</sup> API Number<br>30-025-25438                                                                          | <sup>5</sup> Pool Name<br>BLINEBRY OIL AND GAS | <sup>6</sup> Pool Code<br>06660           |
| <sup>7</sup> Property Code<br>15930                                                                              | <sup>8</sup> Property Name<br>MANDA            | <sup>9</sup> Well Number<br>1             |

II. <sup>10</sup> Surface Location

|                     |               |                 |              |          |                      |                           |                       |                        |               |
|---------------------|---------------|-----------------|--------------|----------|----------------------|---------------------------|-----------------------|------------------------|---------------|
| UI or Lot. No.<br>N | Section<br>21 | Township<br>22S | Range<br>37E | Lot Idn. | Feet from the<br>860 | North/South Line<br>SOUTH | Feet from the<br>1830 | East/West Line<br>WEST | County<br>LEA |
|---------------------|---------------|-----------------|--------------|----------|----------------------|---------------------------|-----------------------|------------------------|---------------|

<sup>11</sup> Bottom Hole Location

|                             |                                     |                                                  |                                   |                                    |                                     |                       |                    |                     |             |
|-----------------------------|-------------------------------------|--------------------------------------------------|-----------------------------------|------------------------------------|-------------------------------------|-----------------------|--------------------|---------------------|-------------|
| UI or Lot. No.<br>P         | Section<br>P                        | Township<br>P                                    | Range<br>P                        | Lot Idn.                           | Feet from the<br>P                  | North/South Line<br>P | Feet from the<br>P | East/West Line<br>P | County<br>P |
| <sup>12</sup> Lse Code<br>P | <sup>13</sup> Producing Method<br>P | <sup>14</sup> Gas Connection<br>Date<br>01/27/97 | <sup>15</sup> C-129 Permit Number | <sup>16</sup> C-129 Effective Date | <sup>17</sup> C-129 Expiration Date |                       |                    |                     |             |

III. Oil and Gas Transporters

|                                 |                                                               |                   |                   |                                                  |
|---------------------------------|---------------------------------------------------------------|-------------------|-------------------|--------------------------------------------------|
| <sup>18</sup> Transporter OGRID | <sup>19</sup> Transporter Name and Address                    | <sup>20</sup> POD | <sup>21</sup> O/G | <sup>22</sup> POD ULSTR Location and Description |
| 015694                          | Navajo Refining Co. PL Division<br>DR. 159, Artesia, NM 88210 | 737310            | O                 |                                                  |
| 022345                          | Texaco E & P Inc.<br>P. O. BOX 730, Hobbs, NM 88240           | 737330            | G                 |                                                  |
|                                 |                                                               |                   |                   |                                                  |
|                                 |                                                               |                   |                   |                                                  |
|                                 |                                                               |                   |                   |                                                  |

IV. Produced Water

|                             |                                                  |
|-----------------------------|--------------------------------------------------|
| <sup>23</sup> POD<br>737350 | <sup>24</sup> POD ULSTR Location and Description |
|-----------------------------|--------------------------------------------------|

V. Well Completion Data

|                                    |                                     |                         |                            |                                         |
|------------------------------------|-------------------------------------|-------------------------|----------------------------|-----------------------------------------|
| <sup>25</sup> Spud Date<br>1/25/97 | <sup>26</sup> Ready Date<br>1/25/97 | <sup>27</sup> TD        | <sup>28</sup> PBDT<br>6200 | <sup>29</sup> Perforations<br>5471-5889 |
| <sup>30</sup> Hole Size            | <sup>31</sup> Casing & Tubing Size  | <sup>32</sup> Depth Set | <sup>33</sup> Sacks Cement |                                         |
|                                    |                                     |                         |                            |                                         |
|                                    |                                     |                         |                            |                                         |
|                                    |                                     |                         |                            |                                         |

VI. Well Test Data

|                                       |                                            |                                     |                                      |                             |                                    |
|---------------------------------------|--------------------------------------------|-------------------------------------|--------------------------------------|-----------------------------|------------------------------------|
| <sup>34</sup> Date New Oil<br>1/25/97 | <sup>35</sup> Gas Delivery Date<br>1/27/97 | <sup>36</sup> Test Date<br>02/13/97 | <sup>37</sup> Test Length<br>24 HRS. | <sup>38</sup> Tbg. Pressure | <sup>39</sup> Csg. Pressure<br>260 |
| <sup>40</sup> Choke Size<br>30        | <sup>41</sup> Oil                          | <sup>42</sup> Water<br>72           | <sup>43</sup> Gas<br>56              | <sup>44</sup> AOF           | <sup>45</sup> Test Method<br>P     |

|                                                                                                                                                                                                          |                     |                                                 |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|-------------------------------------------------|--|
| <sup>46</sup> I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief. |                     | OIL CONSERVATION DIVISION                       |  |
| Signature: <i>Bobbie Brooks</i>                                                                                                                                                                          |                     | Approved by: ORIGINAL SIGNATURE BY LARRY SEXTON |  |
| Printed Name: BOBBIE BROOKS                                                                                                                                                                              |                     | Title:                                          |  |
| Title: PRODUCTION ANALYST                                                                                                                                                                                |                     | Approved Date: FEB 20 1997                      |  |
| Date: 2/18/97                                                                                                                                                                                            | Phone: 915-685-1961 |                                                 |  |

|                                                                                                          |              |       |      |
|----------------------------------------------------------------------------------------------------------|--------------|-------|------|
| <sup>47</sup> If this is a change of operator fill in the OGRID number and name of the previous operator |              |       |      |
| Previous Operator Signature                                                                              | Printed Name | Title | Date |

IF THIS IS AN AMENDED REPORT, CHECK THE BOX  
Labeled "AMENDED REPORT" AT THE TOP OF THIS  
DOCUMENT

22. The ULSTR location of this POD if it is different from the well completion location and a short description of the POD

(Example: "Battery A", "Jones CPD", etc.)

23. The POD number of the storage from which water is moved from this property. If this is a new well or recompletion and this POD has no number the district office will assign a number and write it here.

24. The ULSTR location of this POD is it is different from the well completion location and a short description of the POD (Example: "Battery A Water Tank", "Jones CPD Water Tank", etc.)

25. MO/DAYR drilling commenced.

26. MO/DAYR this completion was ready to produce.

27. Total vertical depth of the well.

28. Plugback vertical depth.

29. Top and bottom perforation in this completion or casing shoe and TD if openhole.

30. Inside diameter of the well bore.

31. Outside diameter of the casing and tubing.

32. Depth of casing and tubing. If a casing liner show top and bottom.

33. Number of sacks of cement used per casing string.

The following test data is for an oil well it must be from a test conducted only after the total volume of load oil is recovered.

34. MO/DAYR that new oil was first produced.

35. MO/DAYR that gas was first produced into a pipeline.

36. MO/DAYR that the following test was completed.

37. Length in hours of the test.

38. Flowing tubing pressure - oil wells.

39. Shut-in tubing pressure - gas wells.

40. Flowing casing pressure - oil wells.

41. Shut-in casing pressure - gas wells.

42. Diameter of the choke used in the test.

43. Barrels of oil produced during the test.

44. Barrels of water produced during the test.

45. MCF of gas produced during the test.

46. Gas well calculated absolute open flow in MCF/D.

47. The method used to test the well:

F Flowing

P Pumping

S Swabbing

If other method please write it in.

46. The signature, printed name and title of the person authorized to make this report, the date this report was signed, and the telephone number to call for questions about this report.

47. The previous operator's name, the signature, printed name, and title of the previous operators representative authorized to verify that the previous operator no longer operates this completion, and the date this report was signed by that person.

Report all gas volumes at 15.025 PSIA at 60".

Report all oil volumes to the nearest whole barrel.

A request for allowable for a newly drilled or deepened well must be accompanied by a tabulation of the deviation tests conducted in accordance with Rule 111.

All sections of this form must be filled out for allowable requests on new and re-completed wells.

Fill out only sections 1, 7, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, and the operator certifications for changes of operator, property name, well number, transporter, or other such changes.

A separate C-104 must be filed for each pool in a multiple completion.

Improperly filled out or incomplete forms may be returned to operators unapproved.

1. Operator's name and address.

2. Operator's OGRID number. If you do not have one it will be assigned and filled in by the District office.

3. Reason for filing code from the following table:

NW New Well

RC Recompletion

CH Change of Operator

AO Add oil/condensate transporter

CO Change oil/condensate transporter

AG Add gas transporter

CG Change gas transporter

RT Request for test allowable (include volume requested)

If for any other reason write that reason in this box.

4. The API number of this well.

5. The name of the pool for this completion.

6. The pool code for this pool.

7. The property code for this completion.

8. The property name (well name) for this completion.

9. The well number for this completion.

10. The surface location of this completion. NOTE: If the United States government survey designates a Lot Number for this location use that number in the "UL or Lot No" box. Otherwise use the OCD unit letter.

11. The bottom hole location of this completion.

12. Lease code from the following table:

F Federal

S State

P Fee

J Jicarilla

N Navajo

U Ute Mountain Ute

I Other Indian Tribe

13. The producing method code from the following table:

F Flowing

P Pumping or other artificial lift

14. MO/DAYR that this completion was first connected to a gas transporter.

15. The permit number from the District approved C-129 for this completion.

16. MO/DAYR of the C-129 approval for this completion.

17. MO/DAYR of the expiration of C-129 approval for this completion.

18. The gas or oil transporter's OGRID number.

19. Name and address of the transporter of the product.

20. The number assigned to the POD from which this product will be transported by this transporter. If this is a new well or recompletion and this POD has no number the district office will assign a number and write it here.

21. Product code from the following table:

O Oil

G Gas