

N.M. Oil Cons. Division  
811 S. 1st Street  
Artesia, NM 88210-2834  
UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB NO. 1004-0137  
Expires: February 28, 1995LEASE DESIGNATION AND SERIAL NO.  
NM82831

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG\*

|                                                                                                                                                                                                                                                   |  |                                                                                             |                                                         |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------------|---------------------------------------------------------|
| 1a. TYPE OF WELL:<br>OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> Other <input checked="" type="checkbox"/> Downhole Commingle                                                                |  | 7. UNIT AGREEMENT NAME<br>NMNM91032A                                                        |                                                         |
| b. TYPE OF COMPLETION:<br>NEW WELL <input type="checkbox"/> WORK OVER <input checked="" type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR <input type="checkbox"/> Other <input type="checkbox"/> |  | 8. FARM OR LEASE NAME, WELL NO.<br>Sweet Thing Fed Unit 2                                   |                                                         |
| 2. NAME OF OPERATOR<br>ARCO Permian                                                                                                                                                                                                               |  | 9. API WELL NO.<br>30-015-30338                                                             |                                                         |
| 3. ADDRESS AND TELEPHONE NO.<br>P.O. Box 1089, Eunice, NM 88231                                                                                                                                                                                   |  | 10. FIELD AND POOL, OR WILDCAT<br>Indian Loafer Draw Upper Penn<br>Little Box Canyon Morrow |                                                         |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)<br>At surface<br>Lot 4, Unit Letter D, 660' FNL & 660' FWL<br>At top prod. interval reported below<br><br>At total depth                              |  | 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA<br>Sec. 31-T20.5S-R22E                     |                                                         |
| 14. PERMIT NO.                                                                                                                                                                                                                                    |  | DATE ISSUED<br>09-06-00                                                                     | 12. COUNTY OR PARISH<br>Eddy                            |
| 15. DATE SPUDDED                                                                                                                                                                                                                                  |  | 16. DATE T.D. REACHED                                                                       | 13. STATE<br>NM                                         |
| 17. DATE COMPL. (Ready to prod.)<br>09/06/00                                                                                                                                                                                                      |  | 18. ELEVATION OF WELL HEAD, OR ETC.<br>ACCEPTED FOR RECORD<br>OCT 18 2000                   |                                                         |
| 20. TOTAL DEPTH, MD & TVD<br>8275'                                                                                                                                                                                                                |  | 21. PLUG, BACK T.D., MD & TVD<br>8214'                                                      | 23. INTERVALS DRILLED BY<br>ROTARY TOOLS<br>CABLE TOOLS |
| 22. IF MULTIPLE COMPL., HOW MANY*<br>2                                                                                                                                                                                                            |  | 25. WAS DIRECTIONAL SURVEY MADE<br>NO                                                       |                                                         |
| 24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)*<br>Upper Penn 6710-6718', 7238-7252' Morrow 8042-8088', 6929-6980'                                                                                                |  | 27. WAS WELL CORED                                                                          |                                                         |

| 28. CASING RECORD (Report all strings set in well) |                 |                |           |                                 |               |
|----------------------------------------------------|-----------------|----------------|-----------|---------------------------------|---------------|
| CASING SIZE/GRADE                                  | WEIGHT, LB./FT. | DEPTH SET (MD) | HOLE SIZE | TOP OF CEMENT, CEMENTING RECORD | AMOUNT PULLED |
| 13-3/8                                             |                 | 318            | 17-1/2    | 455 SXS                         |               |
| 9-5/8                                              |                 | 1362           | 12-1/4    | 1045 SXS                        |               |
| 7                                                  |                 | 8250           | 8-3/4     | 750 - 6220'                     |               |
|                                                    |                 |                |           | 935 - Surface                   |               |

| 29. LINER RECORD |          |             |               | 30. TUBING RECORD |       |                |                 |
|------------------|----------|-------------|---------------|-------------------|-------|----------------|-----------------|
| SIZE             | TOP (MD) | BOTTOM (MD) | SACKS CEMENT* | SCREEN (MD)       | SIZE  | DEPTH SET (MD) | PACKER SET (MD) |
|                  |          |             |               |                   | 2-3/8 | 8088           |                 |

| 31. PERFORATION RECORD (Interval, size and number) |  |  |  | 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. |                                  |
|----------------------------------------------------|--|--|--|------------------------------------------------|----------------------------------|
| 6970-6980', 1 spf, 10 holes                        |  |  |  | DEPTH INTERVAL (MD)                            | AMOUNT AND KIND OF MATERIAL USED |
| 6960-6970', 1 spf, 10 holes                        |  |  |  |                                                |                                  |
| 6936-6946', 1 spf, 10 holes                        |  |  |  |                                                |                                  |
| 6926-6936', 1 spf, 10 holes                        |  |  |  |                                                |                                  |

| 33.* PRODUCTION                   |                        |                                                                                        |                         |                  |                    |                                                 |                            |
|-----------------------------------|------------------------|----------------------------------------------------------------------------------------|-------------------------|------------------|--------------------|-------------------------------------------------|----------------------------|
| DATE FIRST PRODUCTION<br>09/08/00 |                        | PRODUCTION METHOD <i>Flowing, gas lift, pumping - size and type of pump</i><br>flowing |                         |                  |                    | WELL STATUS (Producing or shut-in)<br>producing |                            |
| DATE OF TEST<br>09/25/00          | HOURS TESTED<br>24     | CHOKE SIZE<br>48/48                                                                    | PROD'N. FOR TEST PERIOD | OIL - BBL.<br>28 | GAS - MCF.<br>9700 | WATER - BBL.<br>2                               | GAS - OIL RATIO<br>346,429 |
| FLOW. TUBING PRESS.<br>700        | CASING PRESSURE<br>700 | CALCULATED 24-HOUR RATE                                                                | OIL - BBL.              | GAS - MCF.       | WATER - BBL.       | OIL GRAVITY - API (CORR.)                       |                            |

|                                                                    |                   |
|--------------------------------------------------------------------|-------------------|
| 34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)<br>sold | TEST WITNESSED BY |
|--------------------------------------------------------------------|-------------------|

|                                 |
|---------------------------------|
| 35. LIST OF ATTACHMENTS<br>none |
|---------------------------------|

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED Kenneth H. Jones TITLE Sr. Administrative Assistant DATE 10/06/00

| 7. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries): |     |        |                             | 38. GEOLOGIC MARKERS |             |                  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|--------|-----------------------------|----------------------|-------------|------------------|
| FORMATION                                                                                                                                                                                                                                         | TOP | BOTTOM | DESCRIPTION, CONTENTS, ETC. | NAME                 | MEAS. DEPTH | TRUE VERT. DEPTH |
|                                                                                                                                                                                                                                                   |     |        |                             |                      |             |                  |