

BEFORE EXAMINER STOGNER

Oil Conservation Division

~~AP00~~ Exhibit No. 17

Case No. 8634

ARCO OIL AND GAS COMPANY
 OJITO PROSPECT
 RIO ARRIBA COUNTY, NEW MEXICO
DRAINAGE AREA CALCULATIONS

| Well Name | Location Qtr, Qtr, Sec. | Compl. Date | Net Perf (ft) | IP | | Current Rate | | Cum. Recovery MBO | Ultimate Recovery MBO | Ultimate Drainage Area (ac.) |
|--------------------------|----------------------------|----------------|------------------|------|------|--------------|------|----------------------|--------------------------|---------------------------------|
| | | | | BOFD | MCFD | BOFD | MCFD | | | |
| <u>Ojito Area*</u> | | | | | | | | | | |
| | <u>T25N-R3W</u> | | | | | | | | | |
| Ora 1 | SW NW 21 | 6/81 | 53 | 18 | 90 | 18 | 50 | 20 | 79 | 54 |
| Ora 2 | SW NE 21 | 5/83 | 56 | 72 | 168 | 24 | 89 | 13 | 93 | 60 |
| Schmitz 2 | SW NW 16 | 11/82 | 42 | 40 | 104 | 16 | 67 | 9 | 61 | 52 |
| Rentz 7 | NE NW 20 | 1/82 | 47 | 65 | 172 | 26 | 100 | 25 | 150 | 115 |
| Roberts 5 | SE NW 17 | 1/78 | 38 | 10 | 47 | 6 | 28 | 18 | 40 | 38 |
| <u>W. Lindrith Area*</u> | | | | | | | | | | |
| | <u>T25N-R3W</u> | | | | | | | | | |
| Phillips 32-1 | SW SW 32 | 12/81 | 42 | 46 | 65 | 28 | 24 | 11 | 136 | 125 |
| Phillips 32-2 | SW SE 32 | 3/83 | 38 | 330 | 410 | 60 | 74 | 82 | 170 | 173 |
| Phillips 32-3 | SW NW 32 | 12/83 | 55 | 165 | --- | 100 | 143 | 41 | 150 | 105 |
| Phillips 32-4 | SW NE 32 | 5/84 | 37 | 215 | --- | 110 | 66 | 34 | 164 | 171 |
| Phillips 32-5 | NW NW 32 | 10/84 | 37 | 78 | --- | 71 | --- | 5 | 90 | 94 |
| <u>Gavilan Area **</u> | | | | | | | | | | |
| | <u>T25N-R2W</u> | | | | | | | | | |
| Rucker Lake 2 | SW SW 24 | 8/83 | 27 | 193 | 230 | 115 | 73 | 65 | 365 | 190 |
| Rucker Lake 3 | NW SW 25 | 8/83 | 33 | 145 | 309 | 90 | 92 | 50 | 195 | 133 |
| | <u>T24N-R2W</u> | | | | | | | | | |
| Wright Way 1 | NE NW 2 | 9/83 | 60 | 78 | 360 | 90 | 71 | 41 | 239 | 120 |

* In both Ojito and W. Lindrith areas, only Dakota formation and production considered for drainage calculations.

** In Gavilan area, only Gallup considered for Rucker Lake 2 and 3 and only Dakota considered for Wright Way 1, for drainage calculations.