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# NEW MEXICO OIL CONSERVATION COMMISSION WELL COMPLETION OR RECOMPLETION REPORT AND LOG

JAN 14 1980

|                                                                                                      |
|------------------------------------------------------------------------------------------------------|
| 5a. Indicate Type of Lease<br>State <input checked="" type="checkbox"/> Fee <input type="checkbox"/> |
| 5b. State Oil & Gas Lease No.<br><b>2 4283</b>                                                       |
| 7. Unit Agreement Name                                                                               |
| 8. Farm or Lease Name<br><b>Cottonwood Ranch MK ST</b>                                               |
| 9. Well No.<br><b>1</b>                                                                              |
| 10. Field and Pool, or Wildcat<br><b>Wildcat Abo</b>                                                 |
| Chaves                                                                                               |

|                                                                                                                                                                                                                                                                         |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1a. TYPE OF WELL<br>OIL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> OTHER <input type="checkbox"/> <b>O. C. D.</b>                                                                                               |
| b. TYPE OF COMPLETION<br>NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> OTHER <input type="checkbox"/> <b>ARTESIA, OFFICE</b> |
| 2. Name of Operator<br><b>Yates Petroleum Corporation</b>                                                                                                                                                                                                               |
| 3. Address of Operator<br><b>207 South 4th Street - Artesia, NM 88210</b>                                                                                                                                                                                               |
| 4. Location of Well<br>UNIT LETTER <b>B</b> LOCATED <b>660</b> FEET FROM THE <b>North</b> LINE AND <b>1980</b> FEET FROM <b>Chaves</b>                                                                                                                                  |
| THE <b>East</b> LINE OF SEC. <b>36</b> TWP. <b>6S</b> RGE. <b>25E</b> NMPM                                                                                                                                                                                              |

|                                                                                            |                                         |                                                     |                                                        |                                              |
|--------------------------------------------------------------------------------------------|-----------------------------------------|-----------------------------------------------------|--------------------------------------------------------|----------------------------------------------|
| 15. Date Spudded<br><b>11-19-79</b>                                                        | 16. Date T.D. Reached<br><b>12-4-79</b> | 17. Date Compl. (Ready to Prod.)<br><b>12-19-79</b> | 18. Elevations (DF, RKB, RT, GR, etc.)<br><b>3752'</b> | 19. Elev. Casinghead                         |
| 20. Total Depth<br><b>5318'</b>                                                            | 21. Plug Back T.D.<br><b>5125'</b>      | 22. If Multiple Compl., How Many                    | 23. Intervals Drilled By<br><b>0-5318</b>              | 24. Was Directional Survey Made<br><b>No</b> |
| 24. Producing Interval(s), of this completion - Top, Bottom, Name<br><b>3809-3824' Abo</b> |                                         |                                                     |                                                        | 27. Was Well Cased<br><b>No</b>              |
| 26. Type Electric and Other Logs Run<br><b>CNL/FDC, DLL</b>                                |                                         |                                                     |                                                        |                                              |

| CASING RECORD (Report all strings set in well) |                |           |           |                  |               |
|------------------------------------------------|----------------|-----------|-----------|------------------|---------------|
| CASING SIZE                                    | WEIGHT LB. FT. | DEPTH SET | HOLE SIZE | CEMENTING RECORD | AMOUNT PULLED |
| 13-3/8"                                        | 48#            | 414'      | 17 1/2"   | 320 sacks        |               |
| 8-5/8"                                         | 24#            | 1209'     | 12 1/4"   | 660 sacks        |               |
| 4 1/2"                                         | 9.5#           | 5300'     | 7-7/8"    | 700 sacks        |               |

| LINER RECORD |     |        |              | TUBING RECORD |        |           |
|--------------|-----|--------|--------------|---------------|--------|-----------|
| SIZE         | TOP | BOTTOM | SACKS CEMENT | SCREEN        | SIZE   | DEPTH SET |
|              |     |        |              |               | 2-7/8" | 3764'     |
|              |     |        |              |               |        | 3764'     |

| 31. Perforation Record (Interval, size and number) |  | 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. |                               |
|----------------------------------------------------|--|------------------------------------------------|-------------------------------|
| 3809-3824' w/30. 50" holes (2spf)                  |  | DEPTH INTERVAL                                 | AMOUNT AND KIND MATERIAL USED |
|                                                    |  | 3809-3824'                                     | Sand Frac'd w/20000g Tita     |
|                                                    |  |                                                | 11-30, 2000g 15% DS-30 aci    |
|                                                    |  |                                                | 6000g CO2, 60000# sd, 50000   |
|                                                    |  |                                                | 20-40&10000# 100 mesh         |

|                                          |                               |                                                                                       |                         |                          |                         |                                                  |                 |
|------------------------------------------|-------------------------------|---------------------------------------------------------------------------------------|-------------------------|--------------------------|-------------------------|--------------------------------------------------|-----------------|
| 33. PRODUCTION                           |                               |                                                                                       |                         |                          |                         |                                                  |                 |
| Date First Production<br><b>12-19-79</b> |                               | Production Method (Flowing, gas lift, pumping - Size and type pump)<br><b>Flowing</b> |                         |                          |                         | Well Status (Prod. or Shut-in)<br><b>SIWOPLC</b> |                 |
| Date of Test<br><b>12-19-79</b>          | Hours Tested<br><b>3</b>      | Choke Size<br><b>1/2"</b>                                                             | Prod'n. For Test Period | Oil - Bbl.<br><b>122</b> | Gas - MCF<br><b>980</b> | Water - Bbl.                                     | Gas - Oil Ratio |
| Flow Tubing Press.<br><b>150#</b>        | Casing Pressure<br><b>Pkr</b> | 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><b>Vented will be sold</b> | Test Witnessed by<br><b>Harvey Apple</b> |
| 35. List of Attachments<br><b>Plat</b>                                                   |                                          |

36. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.

SIGNED Christine Tomlinson TITLE Geol. Secty DATE 1-14-80