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

RECEIVED - 1

O. C. D.  
ARTESIA, OFFICE

Form C-105  
Revised 11-1-84

|                                                                                                                                                                                                                                                  |                                                                                                               |                                                       |                                                     |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|-----------------------------------------------------|
| 10. TYPE OF WELL<br>OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER <input type="checkbox"/>                                                                                   |                                                                                                               | 7. Unit Agreement Name                                |                                                     |
| 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"/> |                                                                                                               | 8. Farm or Lease Name<br>FEDELL                       |                                                     |
| 2. Name of Operator<br>Ralph Nix                                                                                                                                                                                                                 |                                                                                                               | 9. Well No.<br>3                                      |                                                     |
| 3. Address of Operator<br>P.O. Box 617 Artesia, NM 88210                                                                                                                                                                                         |                                                                                                               | 10. Field and Pool, or Wildcat<br>Atoka/Glorieta Yeso |                                                     |
| 4. Location of Well<br>UNIT LETTER <u>A</u> LOCATED <u>330</u> FEET FROM THE <u>North</u> LINE AND <u>990</u> FEET FROM <u>East</u> LINE OF SEC. <u>35</u> TWP. <u>18S</u> RGE. <u>26E</u>                                                       |                                                                                                               | 11. County<br>Eddy                                    |                                                     |
| 15. Date Spudded<br>11/21/83                                                                                                                                                                                                                     | 16. Date T.D. Reached<br>12/02/83                                                                             | 17. Date Compl. (Ready to Prod.)<br>1/6/84            | 12. Elevations (DF, RKB, RT, GR, etc.)<br>3289' GR  |
| 18. Total Depth<br>3905' GR                                                                                                                                                                                                                      | 19. Plug Back T.D.<br>3870' KB                                                                                | 20. If Multiple Compl., How Many<br>--                | 21. Intervals Drilled By<br>Rotary Tools<br>0-3905' |
| 24. Producing interval(s), of this completion - Top, Bottom, Name<br>2884' to 3679' Glorieta Yeso                                                                                                                                                |                                                                                                               |                                                       | 25. Was Directional Survey Made<br>Yes              |
| 26. Type Electric and Other Logs Run<br>Calibrated Gamma Ray Neutron                                                                                                                                                                             |                                                                                                               |                                                       | 27. Was Well Cored<br>No                            |
| 28. CASING RECORD (Report all strings set in well)                                                                                                                                                                                               |                                                                                                               |                                                       |                                                     |
| CASING SIZE                                                                                                                                                                                                                                      | WEIGHT LB. FT.                                                                                                | DEPTH SET                                             | HOLE SIZE                                           |
| 8 5/8"                                                                                                                                                                                                                                           | 28#                                                                                                           | 969' KB                                               | 12 1/4"                                             |
| 5 1/2"                                                                                                                                                                                                                                           | 15.5                                                                                                          | 3899' KB                                              | 7 7/8"                                              |
| CEMENTING RECORD                                                                                                                                                                                                                                 |                                                                                                               | AMOUNT PULLED                                         |                                                     |
| 550 sx, cir 100 sx                                                                                                                                                                                                                               |                                                                                                               |                                                       |                                                     |
| 700 sx, cir 140 sx                                                                                                                                                                                                                               |                                                                                                               |                                                       |                                                     |
| 29. LINER RECORD                                                                                                                                                                                                                                 |                                                                                                               |                                                       |                                                     |
| SIZE                                                                                                                                                                                                                                             | TOP                                                                                                           | BOTTOM                                                | SACKS CEMENT                                        |
|                                                                                                                                                                                                                                                  |                                                                                                               |                                                       |                                                     |
| 30. TUBING RECORD                                                                                                                                                                                                                                |                                                                                                               | PACKER SET                                            |                                                     |
| SIZE                                                                                                                                                                                                                                             | DEPTH SET                                                                                                     |                                                       |                                                     |
| 2 7/8"                                                                                                                                                                                                                                           | 3222' GR                                                                                                      |                                                       |                                                     |
| 31. Perforation Record (Interval, size and number)<br>40, 1/2" holes from 2884' to 3679'                                                                                                                                                         |                                                                                                               |                                                       |                                                     |
| 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.                                                                                                                                                                                                   |                                                                                                               |                                                       |                                                     |
| DEPTH INTERVAL                                                                                                                                                                                                                                   |                                                                                                               | AMOUNT AND KIND MATERIAL USED                         |                                                     |
| 2884'-3679'                                                                                                                                                                                                                                      |                                                                                                               | 180,000 gals gel 1% KCL,                              |                                                     |
|                                                                                                                                                                                                                                                  |                                                                                                               | 6,000 gals 15% HCL,                                   |                                                     |
|                                                                                                                                                                                                                                                  |                                                                                                               | 211,500# 20/40 sand                                   |                                                     |
|                                                                                                                                                                                                                                                  |                                                                                                               | 79,000# 12/20 sand+additiv                            |                                                     |
| 33. PRODUCTION                                                                                                                                                                                                                                   |                                                                                                               |                                                       |                                                     |
| Date First Production<br>1/8/84                                                                                                                                                                                                                  | Production Method (Flowing, gas lift, pumping - Size and type pump)<br>Pumping 2 1/2"x2"x16' composition ring |                                                       | Well Status (Prod. or Shut-in)<br>Producing         |
| Date of Test<br>1/9/84                                                                                                                                                                                                                           | Hours Tested<br>24                                                                                            | Choke Size<br>28                                      | Gas - Oil Ratio<br>1500/1                           |
| Flowing Pressure<br>30 PSI                                                                                                                                                                                                                       | Casing Pressure<br>--                                                                                         | Calculated 24-Hour Rate<br>28                         | Gas - MCF<br>42                                     |
|                                                                                                                                                                                                                                                  |                                                                                                               |                                                       | Water - Bbl.<br>530                                 |
|                                                                                                                                                                                                                                                  |                                                                                                               |                                                       | Oil Gravity - API (Corr.)<br>35.36                  |
| 34. Disposition of Gas (Sold, used for fuel, vented, etc.)<br>Vented                                                                                                                                                                             |                                                                                                               |                                                       | Test Witnessed By<br>Jimmy Davis                    |
| 35. List of Attachments<br>Calibrated Gamma Ray Neutron, Deviation Survey                                                                                                                                                                        |                                                                                                               |                                                       |                                                     |
| 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 <u>Ralph Nix</u>                                                                                                                                                                                                                          |                                                                                                               | TITLE                                                 | DATE <u>1/10/84</u>                                 |

This form is to be filed with the appropriate District Office of the Commission not later than 10 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 30 through 34 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

### Southwestern New Mexico

### Northwestern New Mexico

|                            |                        |                             |                        |
|----------------------------|------------------------|-----------------------------|------------------------|
| T. Anhy _____              | T. Canyon _____        | T. Ojo Alamo _____          | T. Penn. "B" _____     |
| T. Salt _____              | T. Strawn _____        | T. Kirtland-Fruitland _____ | T. Penn. "C" _____     |
| B. Salt _____              | T. Atoka _____         | T. Pictured Cliffs _____    | T. Penn. "D" _____     |
| T. Yates _____             | T. Miss _____          | T. Cliff House _____        | T. Leadville _____     |
| T. 7 Rivers _____          | T. Devonian _____      | T. Menefee _____            | T. Madison _____       |
| T. Queen _____             | T. Silurian _____      | T. Point Lookout _____      | T. Elbert _____        |
| T. Grayburg _____          | T. Montoya _____       | T. Mancos _____             | T. McCracken _____     |
| T. San Andres <u>1184'</u> | T. Simpson _____       | T. Gallup _____             | T. Ignacio Qtzte _____ |
| T. Glorieta <u>2788'</u>   | T. McKee _____         | Base Greenhorn _____        | T. Granite _____       |
| T. Paddock _____           | T. Ellenburger _____   | T. Dakota _____             | T. _____               |
| T. Blinbry _____           | T. Gr. Wash _____      | T. Morrison _____           | T. _____               |
| T. Tubb _____              | T. Granite _____       | T. Todilto _____            | T. _____               |
| T. Drinkard _____          | T. Delaware Sand _____ | T. Entrada _____            | T. _____               |
| T. Abo _____               | T. Bone Springs _____  | T. Wingate _____            | T. _____               |
| T. Wolfcamp _____          | T. _____               | T. Chinle _____             | T. _____               |
| T. Penn. _____             | T. _____               | T. Permian _____            | T. _____               |
| T. Cisco (Bough C) _____   | T. _____               | T. Penn. "A" _____          | T. _____               |

No. 1, from \_\_\_\_\_ to \_\_\_\_\_ No. 4, from \_\_\_\_\_ to \_\_\_\_\_  
 No. 2, from \_\_\_\_\_ to \_\_\_\_\_ No. 5, from \_\_\_\_\_ to \_\_\_\_\_  
 No. 3, from \_\_\_\_\_ to \_\_\_\_\_ No. 6, from \_\_\_\_\_ to \_\_\_\_\_

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from ..... to ..... feet. ....

No. 2, from ..... to ..... feet. ....

No. 3, from ..... to ..... feet. ....

No. 4, from ..... to ..... feet. ....

FORMATION RECORD (Attach additional sheets if necessary)

| From | To   | Thickness<br>in Feet | Formation           | From | To | Thickness<br>in Feet | Formation |
|------|------|----------------------|---------------------|------|----|----------------------|-----------|
| 0    | 80   | 80                   | Gravel & red shale  |      |    |                      |           |
| 80   | 1184 | 1104                 | Red sand & dolomite |      |    |                      |           |
| 1184 | 2788 | 1604                 | Dolomite            |      |    |                      |           |
| 2788 | 3722 | 934                  | Sand & dolomite     |      |    |                      |           |
| 3722 | 3905 | 183                  | Sand                |      |    |                      |           |