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Form C-105  
Revised 11-86

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

|                                                                        |
|------------------------------------------------------------------------|
| 5a. Indicate Type of Lease                                             |
| State <input type="checkbox"/> Fee <input checked="" type="checkbox"/> |
| 5. State Oil & Gas Lease No.                                           |
| N/A                                                                    |

|                                                                                                                                                                                                                         |                 |                                                                     |                         |                                                                 |                   |                                        |                                 |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|---------------------------------------------------------------------|-------------------------|-----------------------------------------------------------------|-------------------|----------------------------------------|---------------------------------|
| 10. TYPE OF WELL                                                                                                                                                                                                        |                 |                                                                     |                         |                                                                 |                   | 7. Unit Agreement Name                 |                                 |
| OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> OTHER <input type="checkbox"/>                                                                              |                 |                                                                     |                         |                                                                 |                   | N/A                                    |                                 |
| b. TYPE OF COMPLETION                                                                                                                                                                                                   |                 |                                                                     |                         |                                                                 |                   | 8. Farm or Lease Name                  |                                 |
| 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"/> |                 |                                                                     |                         |                                                                 |                   | Haynie                                 |                                 |
| 2. Name of Operator                                                                                                                                                                                                     |                 |                                                                     |                         |                                                                 |                   | 9. Well No.                            |                                 |
| Union Texas Petroleum Corp.                                                                                                                                                                                             |                 |                                                                     |                         |                                                                 |                   | 2M                                     |                                 |
| 3. Address of Operator                                                                                                                                                                                                  |                 |                                                                     |                         |                                                                 |                   | 10. Field and Pool, or Wildcat         |                                 |
| 375 US Highway 64, Farmington, NM 87401                                                                                                                                                                                 |                 |                                                                     |                         |                                                                 |                   | Blanco MV/Basin Dk                     |                                 |
| 4. Location of Well                                                                                                                                                                                                     |                 |                                                                     |                         |                                                                 |                   |                                        |                                 |
| UNIT LETTER <u>E</u> LOCATED <u>1850</u> FEET FROM THE <u>North</u> LINE AND <u>870</u> FEET FROM                                                                                                                       |                 |                                                                     |                         |                                                                 |                   | 11. County                             |                                 |
| THE <u>West</u> LINE OF SEC. <u>4</u> TWP. <u>30N</u> RGE. <u>11W</u> NMPM                                                                                                                                              |                 |                                                                     |                         |                                                                 |                   | San Juan                               |                                 |
| 15. Date Spudded                                                                                                                                                                                                        |                 | 16. Date T.D. Reached                                               |                         | 17. Date Compl. (Ready to Prod.)                                |                   | 18. Elevations (DF, RAB, RT, GR, etc.) |                                 |
| 10/31/86                                                                                                                                                                                                                |                 | 11/12/86                                                            |                         | 12/23/86                                                        |                   | 5785 GL, 5797 KB                       |                                 |
| 19. Elev. Casinghead                                                                                                                                                                                                    |                 | 5786                                                                |                         |                                                                 |                   |                                        |                                 |
| 20. Total Depth                                                                                                                                                                                                         |                 | 21. Plug Back T.D.                                                  |                         | 22. If Multiple Compl., How Many                                |                   | 23. Intervals Drilled By               |                                 |
| 7004 KB                                                                                                                                                                                                                 |                 | 6944 KB                                                             |                         | 2                                                               |                   | Rotary Tools<br>0-7004                 |                                 |
| 24. Producing Interval(s), of this completion - Top, bottom, Name                                                                                                                                                       |                 |                                                                     |                         |                                                                 |                   |                                        | 25. Was Directional Survey Made |
| 4550-4730 Mesaverde                                                                                                                                                                                                     |                 |                                                                     |                         |                                                                 |                   |                                        | No                              |
| 26. Type Electric and Other Logs Run                                                                                                                                                                                    |                 |                                                                     |                         |                                                                 |                   |                                        | 27. Was Well Cored              |
| DIL-GR, FDC-CNL-GR                                                                                                                                                                                                      |                 |                                                                     |                         |                                                                 |                   |                                        | No                              |
| 28. CASING RECORD (Report all strings set in well)                                                                                                                                                                      |                 |                                                                     |                         |                                                                 |                   |                                        |                                 |
| CASING SIZE                                                                                                                                                                                                             | WEIGHT LB./ FT. | DEPTH SET                                                           | HOLE SIZE               | CEMENTING RECORD                                                |                   | AMOUNT PULLED                          |                                 |
| 10-3/4                                                                                                                                                                                                                  | 40.5            | 302                                                                 | 14-3/4                  | see attached                                                    |                   |                                        |                                 |
| 7-5/8                                                                                                                                                                                                                   | 26.4            | 2669                                                                | 9-7/8                   | see attached                                                    |                   |                                        |                                 |
| 29. LINER RECORD                                                                                                                                                                                                        |                 |                                                                     |                         |                                                                 |                   |                                        |                                 |
| SIZE                                                                                                                                                                                                                    | TOP             | BOTTOM                                                              | BACK CEMENT             | SCREEN                                                          | 30. TUBING RECORD |                                        |                                 |
| 5-1/2                                                                                                                                                                                                                   | 2458            | 6957                                                                | see attach.             |                                                                 | SIZE              | DEPTH SET                              | PA. 1 1/2                       |
|                                                                                                                                                                                                                         |                 |                                                                     |                         |                                                                 | 1.66              | 4800                                   | N/A                             |
| 31. Perforation Record (Interval, size and number)                                                                                                                                                                      |                 |                                                                     |                         | 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.                  |                   |                                        |                                 |
| See attached                                                                                                                                                                                                            |                 |                                                                     |                         | DEPTH INTERVAL<br>AMOUNT AND KIND MATERIAL USED<br>See attached |                   |                                        |                                 |
| 33. PRODUCTION                                                                                                                                                                                                          |                 |                                                                     |                         |                                                                 |                   |                                        |                                 |
| Date First Production                                                                                                                                                                                                   |                 | Production Method (Flowing, gas lift, pumping - Size and type pump) |                         |                                                                 |                   | Well Status (Prod. or Shut-in)         |                                 |
| 12/22/86                                                                                                                                                                                                                |                 | Flowing                                                             |                         |                                                                 |                   | Shut-in                                |                                 |
| Date of Test                                                                                                                                                                                                            | Hours Tested    | Choke Size                                                          | Prod'n. Per Test Period | Oil - Bbl.                                                      | Gas - MCF         | Water - Bbl.                           | Gas - Oil Ratio                 |
| 1/21/87                                                                                                                                                                                                                 | 3               | 3/4                                                                 |                         | 0                                                               | 260               | 0                                      | N/A                             |
| Flow Tubing Press.                                                                                                                                                                                                      | Casing Pressure | Calculated 24-Hour Rate                                             | Oil - BBL.              | Gas - MCF                                                       | Water - BBL.      | Oil Gravity - API (Corr.)              |                                 |
| 167                                                                                                                                                                                                                     | 831             |                                                                     | 0                       | 2085                                                            | 0                 | N/A                                    |                                 |
| 34. Disposition of Gas (Sold, used for fuel, vented, etc.)                                                                                                                                                              |                 |                                                                     |                         |                                                                 |                   | Test Witnessed By                      |                                 |
| Vented (to be sold)                                                                                                                                                                                                     |                 |                                                                     |                         |                                                                 |                   | Cliff Gates                            |                                 |
| 35. List of Attachments                                                                                                                                                                                                 |                 |                                                                     |                         |                                                                 |                   |                                        |                                 |
| Cementing, Perforation and Stimulation Records                                                                                                                                                                          |                 |                                                                     |                         |                                                                 |                   |                                        |                                 |
| 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>Robert C. Frank</u>                                                                                                                                                                                           |                 |                                                                     |                         | TITLE <u>Permit Coordinator</u>                                 |                   | DATE <u>02/06/87</u>                   |                                 |



Section 28, Cementing Record

Surface Casing: 305 sxs (360 cu.ft.) Class "B" containing 2% CaCl<sub>2</sub>.  
Circulate 11 bbls (62 cu.ft.) of cement to surface.

Intermediate Casing: 300 sxs (861 cu.ft.) 65/35 POZ containing 12% gel and  
12-1/4# gilsonite/sk, tailed by 100 sxs (118 cu.ft.) Cl "B"  
with 2% CaCl<sub>2</sub>. Circulate 24 bbls (135 cu.ft.) of cement  
to surface.

Production Liner: 635 sxs (997 cu.ft.) 50/50 POZ with 4% gel, 6-1/4# gilsonite/  
sk and 10# salt/sk. Lost circulation. Cement top at  
4529' KB by bond log dated 12/4/86.

Section 31, Perforation Record

Perf squeeze holes, 2 spf at 4500' and 4300'.

Mesaverde: Total 36 - 0.32 holes, 2 spf at 4550', 74', 77', 80', 83', 87',  
96', 4605', 08', 14', 22', 27', 32', 37', 66', 75', 77', 4730'.

Section 32, Stimulation Record

4500', 4300' Set cement retainer at 4600'.  
Squeeze 25 sxs Cl "B". Sting out and reverse out 1 bbl  
(5.6 cu.ft.) cement.

4550'-4730' Acidize: 1500 gals 15% HCL and 72 - 7/8" ball sealers.  
Frac: 100,000# 20/40 sand in 127,200 gals 2% KCL  
slick water.