

Submit 3 Copies to Appropriate District Office

State of New Mexico Energy, Minerals and Natural Resources Department

Form C-103 Revised 1-1-89

DISTRICT I P.O. Box 1980, Hobbs, NM 88240

OIL CONSERVATION DIVISION P.O. Box 2088 Santa Fe, New Mexico 87504-2088

DISTRICT II P.O. Drawer DD, Artesia, NM 88210

DISTRICT III 1000 Rio Brazos Rd., Aztec, NM 87410

WELL API NO. 30-025-31875

5. Indicate Type of Lease STATE [X] FEE [B]

6. State Oil & Gas Lease No. B-155-6

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE 'APPLICATION FOR PERMIT' (FORM C-101) FOR SUCH PROPOSALS.)

7. Lease Name or Unit Agreement Name VACUUM GLORIETA WEST UNIT

1. Type of Well: OIL WELL [ ] GAS WELL [ ] OTHER WATER INJECTION

8. Well No. 108

2. Name of Operator TEXACO EXPLORATION AND PRODUCTION INC.

9. Pool name or Wildcat VACUUM GLORIETA

3. Address of Operator P. O. Box 3109 Midland, Texas 79702

4. Well Location Unit Letter P : 213 Feet From The SOUTH Line and 351 Feet From The EAST Line Section 36 Township 17-SOUTH Range 34-EAST NMPM LEA County

10. Elevation (Show whether DF, RKB, RT, GR, etc.) GR-3986', KB-4000'

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data. NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK [ ] PLUG AND ABANDON [ ] TEMPORARILY ABANDON [ ] CHANGE PLANS [ ] PULL OR ALTER CASING [ ] OTHER: [ ] SUBSEQUENT REPORT OF: REMEDIAL WORK [ ] ALTERING CASING [ ] COMMENCE DRILLING OPNS. [X] PLUG AND ABANDONMENT [ ] CASING TEST AND CEMENT JOB [X] OTHER: SPUD & SURFACE CASING [X]

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

- 1. TMBR/SHARP RIG #17 SPUD 11 INCH HOLE @ 2:00 PM 05-31-93. DRILLED TO 1475'. TD @ 11:00 PM 05-31-93. 2. RAN 34 JTS OF 8 5/8, 24#, WC-50, STC CASING SET @ 1475'. RAN 10 CENTRALIZERS. 3. DOWELL CEMENTED WITH 450 SACKS CLASS C W/ 4% GEL, 2% CACL2 (13.5 PPG, 1.74 CF/S). F/B 200 SACKS CLASS C W/ 2% CACL2 (14.8 PPG, 1.32 CF/S). PLUG DOWN @ 11:30 AM 06-01-93. CIRCULATED 65 SACKS. 4. NU BOP & TESTED TO 1500#. TESTED CASING TO 1500# FOR 30 MINUTES FROM 9:00 PM TO 9:30 PM 06-01-93. 5. WOC TIME 9.5 HOURS FROM 11:30 AM TO 9:00 PM 06-01-93. REQUIREMENTS OF RULE 107, OPTION 2: 1. VOLUME OF CEMENT SLURRY: LEAD 783 (CU.FT), TAIL 264 (CU.FT). 2. APPROX. TEMPERATURE OF SLURRY WHEN MIXED: 50 F. 3. EST. FORMATION TEMPERATURE IN ZONE OF INTEREST: 90 F. 4. EST. CEMENT STRENGTH AT TIME OF CASING TEST: 800 PSI. 5. ACTUAL TIME CEMENT IN PLACE PRIOR TO TESTING: 9.5 HOURS. 6. DRILLING 7 7/8 HOLE.

I hereby certify that the information above is true and complete to the best of my knowledge and belief. SIGNATURE C.P. Basham / SDH TITLE DRILLING OPERATIONS MANAGER DATE 06-03-93 TYPE OR PRINT NAME C.P. BASHAM TELEPHONE NO. 915-6884620

(This space for State Use) ORIGINAL SIGNED BY JUDITH GYXSON DISTRICT I TITLE DATE JUN - 7 1993 APPROVED BY TITLE DATE CONDITIONS OF APPROVAL, IF ANY:



# CEMENTING REPORT

File No. H093227

Report Date: 5/23/93

Operator: Texaco Requested By: \_\_\_\_\_  
 Lease No: U.G.W.C #50, #108 Service Point: MMH.  
 Location: Lea N.M. Type of Job: Suut

### Test Conditions:

Depth: 1530 ft., Temp Grad \_\_\_\_\_, BHST: 90 °F, BHCT: 85 °F

| Properties:  | Density (ppg) | Yield (cu ft/sk) | Mix Water (gal/sk) | Total Liquid (gal/sk) | Water Source | Cement Source |
|--------------|---------------|------------------|--------------------|-----------------------|--------------|---------------|
| System No 1  | <u>13.5</u>   | <u>1.74</u>      | <u>9.11</u>        |                       | <u>Loc</u>   |               |
| System No. 2 | <u>14.8</u>   | <u>1.32</u>      | <u>4.32</u>        |                       | <u>Loc</u>   |               |
| System No. 3 |               |                  |                    |                       |              |               |
| System No. 4 |               |                  |                    |                       |              |               |

### Cement System Compositions:

System No 1 C + 4% D20 + 2% S1  
 System No. 2 C + 2% S1  
 System No. 3 \_\_\_\_\_  
 System No. 4 \_\_\_\_\_

### Thickening Time Results

### Rheology Results

| SYSTEM | HR:MIN      | BC        | 300       | 200       | 100       | 60        | 30        | 6         | 3         | PV or n' | Tyork' | REHOLOGY MODEL | I.O.D. |
|--------|-------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|--------|----------------|--------|
| No 1   | <u>3:40</u> | <u>70</u> | <u>37</u> | <u>31</u> | <u>26</u> | <u>22</u> | <u>17</u> | <u>14</u> | <u>11</u> |          |        |                |        |
| No. 2  | <u>2:10</u> | <u>70</u> | <u>41</u> | <u>32</u> | <u>24</u> | <u>20</u> | <u>17</u> | <u>14</u> | <u>10</u> |          |        |                |        |
| No 3   |             |           |           |           |           |           |           |           |           |          |        |                |        |
| No 4   |             |           |           |           |           |           |           |           |           |          |        |                |        |

### Compressive Strengths - psi

| SYSTEM | TEMP.        | 6 HRS      | 12 HRS.     | HRS. |
|--------|--------------|------------|-------------|------|
| No. 1  | <u>90 °F</u> | <u>300</u> | <u>700</u>  |      |
| No. 1  | °F           |            |             |      |
| No. 2  | <u>90 °F</u> | <u>550</u> | <u>1250</u> |      |
| No. 2  | °F           |            |             |      |
| No. 3  | °F           |            |             |      |
| No. 3  | °F           |            |             |      |
| No. 4  | °F           |            |             |      |
| No. 4  | °F           |            |             |      |

### FLUID LOSS

### FREE WATER

| SYSTEM | °F. _____ psi |  | _____ °F |
|--------|---------------|--|----------|
|        | mL/30 min     |  | mL       |
| No. 1  |               |  |          |
| No. 2  |               |  |          |
| No. 3  |               |  |          |
| No. 4  |               |  |          |

Remarks: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_