

DISTRICT I

P.O. Box 1980, Hobbs, NM 88240

DISTRICT II

P.O. Box Drawer DD, Artesia, NM 88210

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

**OIL CONSERVATION DIVISION**

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

WELL API NO.

30-025-~~34042~~ 34011

5. Indicate Type of Lease

STATE ☒ FEE ☐

6. State Oil / Gas Lease No.

7. Lease Name or Unit Agreement Name

NEW MEXICO 'E' STATE NCT-2

8. Well No.

2

9. Pool Name or Wildcat

MONUMENT-ABO

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

1. Type of Well: OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. Name of Operator

TEXACO EXPLORATION & PRODUCTION INC.

3. Address of Operator

P.O. Box 2100, Denver Colorado 80201

4. Well Location

Unit Letter F : 2310 Feet From The NORTH Line and 2175 Feet From The WEST Line  
Section 23 Township 19-S Range 36-E NMPM LEA COUNTY

10. Elevation (Show whether DF, RKB, RT, GR, etc.) 3727'

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 OPERATION ☐

PLUG AND ABANDONMENT ☐

CASING TEST AND CEMENT JOB ☐

OTHER: ☐

SPUD, SURF CSG ☒

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.

- NABORS RIG #348 SPUD 11 INCH HOLE @ 1900 HOURS 07-19-97. DRILLED TO 1340'. TD @ 1330 HOURS 07-20-97.
- RAN 31 JOINTS OF 8 5/8 INCH, 24#, WC-50, STC CASING SET @ 1340'. RAN 12 CENTRALIZERS.
- DOWELL CEMENTED WITH 450 SACKS CLASS C W/ 4% GEL, 2% CACL2 (13.5 PPG, 1.74 CF/S). F/B 150 SACKS CLASS C W/ 2% CACL2 (14.5 PPG, 1.32 CF/S). PLUG DOWN @ 5:00 AM 07-21-97. CIRCULATED 138 SACKS.
- NU BOP & TESTED TO 1200#. TESTED CASING TO 1200# FOR 30 MINUTES FROM 9:00-9:30 PM. 07-22-97
- WOC TIME 16 HOURS FROM 5:00 AM TO 9:00 PM 07-22-97. REQUIREMENTS OF RULE 107, OPTION 2:
  - VOLUME OF CEMENT SLURRY: LEAD 783 (CU. FT.), TAIL 198 (CU. FT.).
  - APPROX. TEMPERATURE OF SLURRY WHEN MIXED: 50 F.
  - EST. FORMATION TEMPERATURE IN ZONE OF INTEREST: 90 F.
  - EST. CEMENT STRENGTH AT TIME OF CASING TEST: 1933 PSI.
  - ACTUAL TIME CEMENT IN PLACE PRIOR TO TESTING: 16 HOURS.
- DRILLING 7 7/8 INCH HOLE.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE C.P. Basham / SED TITLE Eng. Assistant.

DATE 8-4-97

TYPE OR PRINT NAME

Sheilla D. Reed-High

Telephone No. (303)793-4851

(This space for State Use)

ORIGINAL SIGNED BY CHRIS WILLIAMS  
DISTRICT I SUPERVISOR

APPROVED

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

**AUG 25 1997**

Schlumberger

Dowell

## CEMENT TESTING REPORT

File No.: \_\_\_\_\_

Report Date: 19 July 1997Operator: TEXACO

Requested By: \_\_\_\_\_

Lease No: NM"E" STATE 2Service Point: HNMLocation: LEA NMType of Job: Surface

## Test Conditions:

Depth: 1330 ft., Temp Grad \_\_\_\_\_, BHST: 89 °F, BHCT: 84 °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>9.11</u>	<u>Loc</u>	<u>C</u>
System No. 2	<u>14.8</u>	<u>1.34</u>	<u>6.32</u>	<u>6.32</u>	<u>Loc</u>	<u>C</u>
System No. 3						
System No. 4						

## Cement System Compositions:

System No. 1 C + 4% DZO + 2% S1System 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	5	3	PV or n'	Ty or k'	RHEOLOGICAL MODEL	I.O.D.
No. 1	<u>3:40</u>	<u>70</u>	<u>36</u>	<u>31</u>	<u>27</u>	<u>22</u>	<u>17</u>	<u>14</u>	<u>12</u>				
No. 2	<u>2:10</u>	<u>70</u>	<u>40</u>	<u>36</u>	<u>31</u>	<u>26</u>	<u>20</u>	<u>17</u>	<u>14</u>				
No. 3													
No. 4													

## Compressive Strengths - psi

SYSTEM	TEMP.	6 HR.	12 HR.	24 HR.
No. 1	<u>89 °F</u>	<u>250</u>	<u>500</u>	<u>800</u>
No. 1	°F			
No. 2	<u>89 °F</u>	<u>600</u>	<u>1400</u>	<u>2000</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: Previous DataChemist: LDSabiz

