

Submit 3 Copies  
to Appropriate  
District Office

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-103  
Revised 1-1-89

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

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

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

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

WELL API NO.  
30-025-31991

5. Indicate Type of Lease  
STATE ☒ FEE ☐

6. State Oil & Gas Lease No.  
B-1031

**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.)

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

2. Name of Operator  
TEXACO EXPLORATION AND PRODUCTION INC.

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

4. Well Location  
Unit Letter J : 2310 Feet From The SOUTH Line and 2110 Feet From The EAST Line

Section 6 Township 18-SOUTH Range 35-EAST NMPM LEA County

10. Elevation (Show whether DF, RKB, RT, GR, etc.)  
GR-3975', KB-3989'

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. ☐ PLUG AND ABANDONMENT ☐  
CASING TEST AND CEMENT JOB ☐  
OTHER: COMPLETION ☒

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. MIRU SERVICE UNIT. POOL RIGGED DOWN 5 HRS. FOR RIG REPAIR. LEA FISHING TOOL FINISHED DRILLING OUT CEMENT TO PBTD @ 8155'. TESTED CASING TO 3000# FOR 30 MINUTES 12-13-93.
2. UNION RAN GR-CCL. PERFED WITH 2 JSPF: 7757-7766, 7772, 7778, 7793-7797, 7800-7814, 7817, 7820-7828, 7832-7836, 7850-7873, 7878-7888, 7894-7903, 7908. 170 HOLES.
3. DOWELL ACIDIZED WITH 25000 GAL 20% HCL. 12-14-93.
4. TIH W/ 2 7/8 TUBING, RODS AND PUMP.
5. PUMPED 259 BO, 44 BW, 184 MCF IN 24 HRS. 01-01-94.
6. TESTING.

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

SIGNATURE C.P. Basham / JPH TITLE DRILLING OPERATIONS MANAGER DATE 01-05-94

TYPE OR PRINT NAME C.P. BASHAM

TELEPHONE NO. 915-6884620

(This space for State Use)

**ORIGINAL SIGNED BY DISTRICT I SUPERVISOR**

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

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WELL API NO.  
30-025-31991

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STATE ☒ FEE ☐

6. State Oil & Gas Lease No.  
B-1031

7. Lease Name or Unit Agreement Name  
NEW MEXICO -AB- STATE

8. Well No.  
10

9. Pool name or Wildcat  
VACUUM DRINKARD

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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. ☒ PLUG AND ABANDONMENT ☐  
CASING TEST AND CEMENT JOB ☒  
OTHER: SPUD & SURFACE CASING ☒

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 @ 3:00 PM 11-10-93. DRILLED TO 1495'. TD @ 5:00 AM 11-11-93.
2. RAN 34 JTS OF 8 5/8, 24#, WC-50, STC CASING SET @ 1495'. RAN 10 CENTRALIZERS.
3. DOWELL CEMENTED WITH 500 SACKS CLASS C W/ 4% GEL, 2% CACL2 (13.5 PPG, 1.74 CF/S). F/B 150 SACKS CLASS C W/ 2% CACL2 (14.8 PPG, 1.32 CF/S). PLUG DOWN @ 2:30 PM 11-11-93. CIRCULATED 80 SACKS.
4. NU BOP & TESTED TO 1500#. TESTED CASING TO 1500# FOR 30 MINUTES FROM 12:00 AM TO 12:30 AM 11-12-93.
5. WOC TIME 9 1/2 HOURS FROM 2:30 PM 11-11-93 TO 12:00 AM 11-12-93. REQUIREMENTS OF RULE 107, OPTION 2:
  1. VOLUME OF CEMENT SLURRY: LEAD 870 (CU.FT), TAIL 198 (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: 1067 PSI.
  5. ACTUAL TIME CEMENT IN PLACE PRIOR TO TESTING: 9 1/2 HOURS.
6. 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 / SDH TITLE DRILLING OPERATIONS MANAGER DATE 11-15-93

TYPE OR PRINT NAME C.P. BASHAM

TELEPHONE NO. 915-6884620

(This space for State Use)

ORIGINAL SIGNED BY JERRY SEXTON  
DISTRICT I SUPERVISOR

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE NOV 22 1993

CONDITIONS OF APPROVAL, IF ANY:



## CEMENTING REPORT

File No.: H093583Report Date: 11/10/93

Operator: Texaco Requested By: G.L.  
 Lease No: NM ABST 10 Service Point: HNM  
 Location: Lea, NM Type of Job: Surf

## Test Conditions:

Depth: 1500 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>9.11</u>	<u>Loc</u>	<u>C</u>
System No. 2	<u>14.8</u>	<u>1.32</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% D20 + 2% S1  
 System No. 2 C + 2% S1  
 System No. 3 \_\_\_\_\_  
 System No. 4 \_\_\_\_\_

## Thickening Time Results

## Rheology Results

SYSTEM	HR:MIN	8C	300	200	100	80	30	6	3	PV or n'	Ty or k'	RHEOLOGY MODEL	I.O.D.
No. 1	<u>5:18</u>	<u>70</u>	<u>33</u>	<u>27</u>	<u>21</u>	<u>17</u>	<u>14</u>	<u>12</u>	<u>9</u>				
No. 2	<u>1:50</u>	<u>70</u>	<u>42</u>	<u>36</u>	<u>30</u>	<u>26</u>	<u>20</u>	<u>16</u>	<u>11</u>				
No. 3													
No. 4													

## Compressive Strengths - psi

SYSTEM	TEMP.	6 HRS.	12 HRS.	24 HRS.
No. 1	<u>90 °F</u>	<u>450</u>	<u>750</u>	<u>1300</u>
No. 1	°F			
No. 2	<u>90 °F</u>	<u>600</u>	<u>1400</u>	<u>1950</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: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Chemist: \_\_\_\_\_