

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.                 | 30-025-33301                                                |
| 5. Indicate Type of Lease    | STATE <input type="checkbox"/> FEE <input type="checkbox"/> |
| 6. State Oil / Gas Lease No. |                                                             |

|                                                                                                                                                                                                                                  |                                  |                                                              |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|--------------------------------------------------------------|
| <p align="center"><b>SUNDRY NOTICES AND REPORTS ON WELLS</b><br/>(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT (FORM C-101) FOR SUCH PROPOSALS.</p> |                                  | 7. Lease Name or Unit Agreement Name<br>NEW MEXICO 'L' STATE |
| 1. Type of Well: OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>                                                                                                              | 8. Well No. 18                   |                                                              |
| 2. Name of Operator<br>TEXACO EXPLORATION & PRODUCTION INC.                                                                                                                                                                      | 9. Pool Name or Wildcat<br>ATOKA |                                                              |
| 3. Address of Operator<br>P.O. Box 46510, Denver Colorado 80201-6510                                                                                                                                                             |                                  |                                                              |
| 4. Well Location<br>Unit Letter A Section 1 Township 18-S Range 34-E NMPM LEA COUNTY<br>Feet From The NORTH Line and 660 Feet From The EAST Line<br>Elevation (Show whether DF, RKB, RT, GR, etc.) 3982'                         |                                  |                                                              |

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, PROD 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.

- NABOR #723 SPUD 14.750 INCH HOLE @ 10:30 AM 04-17-96. DRILLED TO 1520'. TD @ 9:30 PM 05-18-96.
- RAN 36 JOINTS OF 11-3/4 INCH, 42#, WC-40, STC CASING SET @ 1520'. RAN 13 CENTRALIZERS.
- DOWELL CEMENTED WITH 600 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 @ 9:30 AM MST 04-19-96. CIRCULATED 94 SACKS.
- NU BOP & TESTED TO 1000#. TESTED CASING TO 1000# FOR 30 MINUTES FROM 8:00 AM TO 8:30 AM 04-20-96.
- WOC TIME 22-1/2 HOURS FROM 9:30 AM 04-19-96 TO 8:00 AM 04-20-96.
- DRILLING 11 INCH HOLE.
- DRILLED 11 INCH HOLE TO 5300'. TD @ 5:00 PM 04-27-96.
- RU SCHLUMBERGER. RAN LOG #1:CNL-LDT-DLL-MSFL-BHC SONIC. 5186' TO SURF. LOGGED DIPHOLE SHEAR SONIC F/5186' TO SURFACE.
- RAN 24 JOINTS OF 8-5/8 INCH, 32#, FS-80 (962') AND 107 JOINTS OF 32# K-55(4320'). LTC CASING SET @ 5300'.
- DOWELL CEMENTED WITH 1550 SACKS 35/65 POZ CLASS H W/ 6% GEL, 5% SALT, 1/4# FLOCELE (12.4 PPG, 2.14 CF/S). F/B 200 SACKS CLASS H NEAT (15.6 PPG, 1.18 CF/S). PLUG DOWN @ 7:00 AM 04-29-96. CIRCULATED 183 SACKS.
- NU BOP & TESTED TO 1500#. TESTED CASING TO 1500# FOR 30 MINUTES FROM 10:30 AM TO 11:00 AM 04-30-96.
- WOC TIME 27-1/2 HOURS FROM 7:00 AM 04-29-96 TO 10:30 AM 04-30-96.
- DRILLING 7 7/8 INCH HOLE.
- DRILLED 7 7/8 INCH TO 11500'. TD @ 9:30 PM 05-23-96.
- SCHLUMBERGER RAN 1ST LOG: PLATFORM EXPRESS & MDT FORMATION TEST.
- RAN 26 JTS OF 5 1/2". 17# P-110 AND 239 JTS OF 5-1/2" 17# L-80. LTC CSG SET @ 11500'. DV TOOL @ 8001'.
- DOWELL CEMENTED: 1ST STAGE - 800 SKS CLASS 50/50 CLASS H W/2% GEL, 5% SALT, 4% RETARDANT 1/4#/SK D29 FLOCELE (14.2 PPG, 1.34 CF/S). OPEN DV TOOL. CIRC 166 SKS 2ND STAGE - 750 SKS 35/65 POZ CLASS H W/ 6% GEL, 5% SALT, 1/4#/SK D29 FLOCELE (12.4 PPG, 2.13 CF/S). F/B 300 SKS CLASS 50/50 CLASS H W/2% GEL, 5% SALT, 1/4#/SK D29 FLOCELE (14.2 PPG, 1.34 CF/S). PLUG DOWN @ 1:15 AM 05-26-96. CIRCULATED 126 SACKS.
- ND. RELEASE RIG @ 11:00 AM CDT. 05-27-96. PREP TO COMPLETE.

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

SIGNATURE C. P. Searles / Searles TITLE Eng. Assistant

DATE 5/28/96

TYPE OR PRINT NAME Sheilla D. Reed-High

Telephone No. (303)621-4851

This space for State Use

ORIGINAL SIGNED BY HEARY SEXTON  
DISTRICT I SUPERVISOR

APPROVED

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

JUN 19 1996

**Schlumberger****Dowell****CemDABE Cement Test Report**

May 21, 1996

DATE OF TEST : 21-may-1996

TEST NUMBER : NPD636100001

**CUSTOMER** : TEXACO  
**FIELD** : LEA NM  
**WELL** : N MEX L STATE 18

**CEMENT**  
 Class : H  
 Blend : 5050  
 Brand : LONESTAR  
 Plant : MARYNEAL

**BASE FLUID**

Density : 8.32 lb/gal  
 Volume : 6.17 gal/sk  
 Type : LO  
 Total liquid : 6.17 gal/sk

**SLURRY**

Density : 14.20 lb/gal  
 Yield : 1.34 ft<sup>3</sup>/sk

| ADDITIVES |          |        |
|-----------|----------|--------|
| Code      | Concent. | Unit   |
| D020      | 2.000    | % BWOC |
| D029      | 0.250    | % BWOC |
| D044      | 5.000    | % BWOW |
| D800      | 0.400    | % BWOC |

B.H.S.T. : 175.0 F

B.H.C.T. : 142.0 F

Rheological model (Dial 1) : Bingham Plastic

 $T_y : 15.057 \text{ lbf}/100\text{ft}^2$  $P_o : 21.089 \text{ cP}$ 

Correlation coefficient : 1.000

**Thickening Time** : 4 hr35 mn to 70 BC

API-Schedule : -

Set condition :

Consistometer serial number :

No Fluid Loss data available

No Free Water data available

Rheometer type : Fann 35

Spring factor : 1.0

Bob No : 1

Rotor No : 1

| Rheological data     |        |        |
|----------------------|--------|--------|
| Temp. (F) :          | 75.0   | 0.0    |
| R.P.M.               | Dial 1 | Dial 2 |
| 300.0                | 36.0   | 0.0    |
| 200.0                | 29.0   | 0.0    |
| 100.0                | 22.0   | 0.0    |
| 60.0                 | 0.0    | 0.0    |
| 30.0                 | 0.0    | 0.0    |
| 6.0                  | 14.0   | 0.0    |
| 3.0                  | 13.0   | 0.0    |
| 0.0                  | 0.0    | 0.0    |
| 0.0                  | 0.0    | 0.0    |
| 10 minutes Gel : 0.0 |        |        |

| Compressive strength |       |           |
|----------------------|-------|-----------|
| PSI                  | Hours | Temp. (F) |
| 0                    | 6.0   | 175.0     |
| 45                   | 12.0  | 175.0     |
| 770                  | 24.0  | 175.0     |

Comment :

FIELD BLEND (THICKING TIME INCLUDES RUN 1HR. 15MIN. STOPPED 50MIN. RESTART)

50/50POZ/H + 2%D20 + 5%D44(BWOW) + 0.25PPSD29 + 0.4%D800

LOCATION WATER USED

LONG STRING 1ST STAGE 11500'

**Schlumberger****Dowell****CemDABE Cement Test Report**

May 24, 1996

DATE OF TEST : 24-may-1996

TEST NUMBER : NPD636100002

**CUSTOMER** : TEXACO  
**FIELD** : LEA NM  
**WELL** : NM L STATE 18

**CEMENT**  
Class : H  
Blend : 3565  
Brand : LONESTAR  
Plant : MARYNEAL

**BASE FLUID**

Density : 8.32 lb/gal  
Volume : 11.80 gal/sk  
Type : LO  
Total liquid : 11.80 gal/sk

**SLURRY**

Density : 12.40 lb/gal  
Yield : 2.13 ft<sup>3</sup>/sk

| ADDITIVES |          |        |
|-----------|----------|--------|
| Code      | Concent. | Unit   |
| D020      | 6.000    | % BWOC |
| D029      | 0.280    | % BWOC |
| D044      | 5.000    | % BWOW |

B.H.S.T. : 144.0 F

B.H.C.T. : 121.0 F

Rheometer type : Fann 35

Spring factor : 1.0

Bob No : 1

Rotor No : 1

Rheological model (Dial 1) : Bingham Plastic

 $T_y : 27.102 \text{ lbf}/100 \text{ ft}^2$  $P_v : 9.038 \text{ cP}$ 

Correlation coefficient : 1.000

Thickening Time : 4 hr31 mn to 70 BC

API Schedule :

Set condition :

Consistometer serial number :

No Fluid Loss data available

No Free Water data available

| Rheological data     |        |        |
|----------------------|--------|--------|
| Temp. (F) :          | 75.0   | 0.0    |
| R.P.M.               | Dial 1 | Dial 2 |
| 300.0                | 36.0   | 0.0    |
| 200.0                | 33.0   | 0.0    |
| 100.0                | 30.0   | 0.0    |
| 60.0                 | 0.0    | 0.0    |
| 30.0                 | 0.0    | 0.0    |
| 6.0                  | 24.0   | 0.0    |
| 3.0                  | 15.0   | 0.0    |
| 0.0                  | 0.0    | 0.0    |
| 0.0                  | 0.0    | 0.0    |
| 10 minutes Gel : 0.0 |        |        |

| Compressive strength |       |           |
|----------------------|-------|-----------|
| PSI                  | Hours | Temp. (F) |
| 50                   | 6.0   | 144.0     |
| 180                  | 12.0  | 144.0     |
| 375                  | 24.0  | 144.0     |

Comment :

**FIELD BLEND**

36/65 POZ/H +6% D20 + 5% D44(BWOW) + D29

**LOCATION WATER USED**

LONG STRING LEAD 8000' POD = 1:52

**Schlumberger****Dowell****CemDABE Cement Test Report**

May 24, 1996

DATE OF TEST : 24-may-1996

TEST NUMBER : NPD636100003

**CUSTOMER** : TEXACO  
**FIELD** : LEA NM  
**WELL** : NM L STATE 18

**CEMENT**  
Class : H  
Blend : 5050  
Brand : LONESTAR  
Plant : MARYNEAL

**BASE FLUID**

Density : 8.32 lb/gal  
Volume : 6.18 gal/sk  
Type : LO  
Total liquid : 6.18 gal/sk

**SLURRY**

Density : 14.20 lb/gal  
Yield : 1.34 ft<sup>3</sup>/sk

| ADDITIVES |          |        |
|-----------|----------|--------|
| Code      | Concent. | Unit   |
| D020      | 2.000    | % BWOC |
| D029      | 0.280    | % BWOC |
| D044      | 5.000    | % BWOW |

B.H.S.T. : 144.0 F

B.H.C.T. : 121.0 F

Rheometer type : Fann 35

Spring factor : 1.0

Bob No : 1

Rotor No : 1

Rheological model (Dial 1) : Bingham Plastic

 $T_y : 22.083 \text{ lbf}/100\text{ft}^2$  $P_y : 16.570 \text{ cP}$ 

Correlation coefficient : 0.988

Thickening Time : 2 hr41 mn to 70 BC

API Schedule :

Set condition :

Consistometer serial number :

No Fluid Loss data available

No Free Water data available

| Rheological data     |        |        |
|----------------------|--------|--------|
| Temp. (F) :          | 75.0   | 0.0    |
| R.P.M.               | Dial 1 | Dial 2 |
| 300.0                | 38.0   | 0.0    |
| 200.0                | 34.0   | 0.0    |
| 100.0                | 27.0   | 0.0    |
| 60.0                 | 0.0    | 0.0    |
| 30.0                 | 0.0    | 0.0    |
| 6.0                  | 23.0   | 0.0    |
| 3.0                  | 19.0   | 0.0    |
| 0.0                  | 0.0    | 0.0    |
| 0.0                  | 0.0    | 0.0    |
| 10 minutes Gel : 0.0 |        |        |

| Compressive strength |       |           |
|----------------------|-------|-----------|
| PSI                  | Hours | Temp. (F) |
| 75                   | 6.0   | 144.0     |
| 839                  | 12.0  | 144.0     |
| 1280                 | 24.0  | 144.0     |

Comment :

**FIELD BLEND**

50/50 POZ/H + 2% D20 + 5% D44(BWOW) + D29

LOCATION WATER USED

LONG STRING TAIL 8000' POD = 1:59

**Schlumberger****Dowell****CemDABE Cement Test Report**

April 29, 1996

DATE OF TEST : 28-apr-1996

TEST NUMBER : NPD630600001

**CUSTOMER** : TEXACO  
**FIELD** : LEA NM  
**WELL** : N M STATE 18

**CEMENT**  
 Class : H  
 Blend : 3565  
 Brand : LONESTAR  
 Plant : MARYNEAL

**BASE FLUID**

Density : 8.32 lb/gal  
 Volume : 11.95 gal/sk  
 Type : LO  
 Total liquid : 11.95 gal/sk

**SLURRY**

Density : 12.40 lb/gal  
 Yield : 2.14 ft<sup>3</sup>/sk

B.H.S.T. : 113.0 F  
 B.H.C.T. : 106.0 F

| ADDITIVES |          |        |
|-----------|----------|--------|
| Code      | Concent. | Unit   |
| D020      | 6.000    | % BWOC |
| D029      | 0.250    | % BWOC |
| D044      | 5.000    | % BWOW |

Rheometer type : Fann 35  
 Spring factor : 1.0  
 Bob No : 1  
 Rotor No : 1

Rheological model (Dial 1) : Bingham Plastic

 $T_y : 5.688 \text{ lbf}/100\text{ft}^2$  $P_v : 7.532 \text{ cP}$ 

Correlation coefficient : 0.993

Thickening Time : 11 hr23 mn to 70 BC

API Schedule :

Set condition :

Consistometer serial number :

No Fluid Loss data available

No Free Water data available

| Rheological data     |        |        |
|----------------------|--------|--------|
| Temp. (F) :          | 75.0   | 0.0    |
| R.P.M.               | Dial 1 | Dial 2 |
| 300.0                | 13.0   | 0.0    |
| 200.0                | 11.0   | 0.0    |
| 100.0                | 8.0    | 0.0    |
| 60.0                 | 0.0    | 0.0    |
| 30.0                 | 0.0    | 0.0    |
| 6.0                  | 4.0    | 0.0    |
| 3.0                  | 4.0    | 0.0    |
| 0.0                  | 0.0    | 0.0    |
| 0.0                  | 0.0    | 0.0    |
| 10 minutes Gel : 0.0 |        |        |

| Compressive strength |       |           |
|----------------------|-------|-----------|
| PSI                  | Hours | Temp. (F) |
| 150                  | 6.0   | 113.0     |
| 250                  | 12.0  | 113.0     |
| 350                  | 24.0  | 113.0     |

Comment :

**FIELD BLEND**

35/65POZ/H + 6%D20 + 5%D44(BWOW) + 0.25PPSD29

LOCATION WATER USED

LONG STRING LEAD 5300' POD = 9:30

Schlumberger

Dowell

CemDABE Cement Test Report

April 29, 1996

DATE OF TEST : 29-apr-1996

TEST NUMBER : NPD630600002

CUSTOMER : TEXACO  
FIELD : LEA NM  
WELL : N M STATE 18

CEMENT  
Class : H  
Blend :  
Brand : LONESTAR  
Plant : MARYNEAL

BASE FLUID

Density : 8.32 lb/gal  
Volume : 5.20 gal/sk  
Type : LO  
Total liquid : 5.20 gal/sk

SLURRY

Density : 15.60 lb/gal  
Yield : 1.18 ft<sup>3</sup>/sk

B.H.S.T. : 113.0 F

B.H.C.T. : 106.0 F

No additives

Rheometer type : Fann 35

Spring factor : 1.0

Bob No : 1

Rotor No : 1

Rheological model (Dial 1) : Bingham Plastic

$T_y$  : 29.109 lb<sub>f</sub>/100ft<sup>2</sup>

$P_o$  : 16.570 cP

Correlation coefficient : 0.988

Thickening Time : 4 hr38 mn to 70 BC

API Schedule :

Set condition :

Consistometer serial number :

No Fluid Loss data available

No Free Water data available

| Rheological data     |        |        |
|----------------------|--------|--------|
| Temp. (F) :          | 75.0   | 0.0    |
| R.P.M.               | Dial 1 | Dial 2 |
| 300.0                | 46.0   | 0.0    |
| 200.0                | 39.0   | 0.0    |
| 100.0                | 35.0   | 0.0    |
| 60.0                 | 0.0    | 0.0    |
| 30.0                 | 0.0    | 0.0    |
| 6.0                  | 21.0   | 0.0    |
| 3.0                  | 18.0   | 0.0    |
| 0.0                  | 0.0    | 0.0    |
| 0.0                  | 0.0    | 0.0    |
| 10 minutes Gel : 0.0 |        |        |

| Compressive strength |       |           |
|----------------------|-------|-----------|
| PSI                  | Hours | Temp. (F) |
| 525                  | 6.0   | 113.0     |
| 1810                 | 12.0  | 113.0     |
| 2841                 | 24.0  | 113.0     |

Comment :

FIELD BLEND

CLASS H-NEAT

LOCATION WATER USED

LONG STRING TAIL 5300' POD = 3:20