

**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.                         | 30-025-33725                                                           |
| 5. Indicate Type of Lease            | STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/> |
| 6. State Oil / Gas Lease No.         |                                                                        |
| 7. Lease Name or Unit Agreement Name | STATE 'L'                                                              |
| 8. Well No.                          | 6                                                                      |
| 9. Pool Name or Wildcat              | JUSTIS BLINBRY/TUBB-DRINKARD                                           |

|                                                                                                                                                                                                    |                                                                                                                                                                                       |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SUNDRY NOTICES AND REPORTS ON WELLS<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. |                                                                                                                                                                                       |
| 1. Type of Well: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> 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 <u>E</u> <u>2310</u> Feet From The <u>NORTH</u> Line and <u>450</u> Feet From The <u>WEST</u> Line<br>Section <u>2</u> Township <u>25-S</u> Range <u>37-E</u> NMPM COUNTY |
| 10. Elevation (Show whether DF, RKB, RT, GR, etc.)                                                                                                                                                 | 3171'                                                                                                                                                                                 |

Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

## NOTICE OF INTENTION TO:

## SUBSEQUENT REPORT OF:

|                                                |                                           |                                                      |                                               |
|------------------------------------------------|-------------------------------------------|------------------------------------------------------|-----------------------------------------------|
| PERFORM REMEDIAL WORK <input type="checkbox"/> | PLUG AND ABANDON <input type="checkbox"/> | REMEDIAL WORK <input type="checkbox"/>               | ALTERING CASING <input type="checkbox"/>      |
| TEMPORARILY ABANDON <input type="checkbox"/>   | CHANGE PLANS <input type="checkbox"/>     | COMMENCE DRILLING OPERATION <input type="checkbox"/> | PLUG AND ABANDONMENT <input type="checkbox"/> |
| PULL OR ALTER CASING <input type="checkbox"/>  |                                           | CASING TEST AND CEMENT JOB <input type="checkbox"/>  |                                               |
| OTHER: <input type="checkbox"/>                | OTHER: <input type="checkbox"/>           | SPUD, SURF CSG, PROD CSG <input type="checkbox"/>    |                                               |

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 @ 10:00 PM CST 01-15-97. DRILLED TO 948'. TD @ 1:00 PM 01-17-97.
- RAN 21 JOINTS OF 8 5/8 INCH. 24#, WC-50. STC CASING SET @ 1620'. RAN 10 CENTRALIZERS.
- DOWELL CEMENTED WITH 325 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 @ 7:30 PM 01-17-97. CIRCULATED 58 SACKS.
- NU BOP & TESTED TO 1200#. TESTED CASING TO 1200# FOR 30 MINUTES FROM 4:00 PM TO 4:30 PM 01-18-97.
- WOC TIME 20 -1/2 HOURS FROM 7:30 PM 01-17-97 TO 4:00 PM 01-18-97.
- DRILLING 7 7/8 INCH HOLE.
- DRILLED 7 7/8 INCH HOLE TO 6650'. TD @ 2:45 PM 01-26-97.
- RU SCHLUMBERGER AND RUN PLATFORM EXP. LOG FROM 6650'-2400'. PULLED GR-CNL TO SURFACE.
- RAN 101 JTS OF 5 1/2 INCH, 15.5#, WC-50 AND 52 JTS OF 5 1/2 INCH, 17#. WC-70, LTC CSG SET @ 6650'. DV TOOL @ 4033'.
- DOWELL CEMENTED. 1ST STAGE - 625 SKS 50/50 POZ CLASS H W/2% GEL, 5% SALT, 1/4# FLOCELE (14.2 PPG, 1.35 CF/S). CIRCULATED 72 SACKS. 2ND STAGE - 1020 SACKS 35/65 POZ CLASS H W/ 6% GEL, 5% SALT, 1/4# FLOCELE (12.8 PPG, 1.94 CF/S). F/B 175 SACKS 50/50 POZ CLASS H W/2% GEL, 5% SALT, 1/4# FLOCELE (14.2 PPG, 1.35 CF/S). F/B 100 SACKS CLASS H NEAT (15.6 PPG, 1.18 CF/S). PLUG DOWN @ 9:15 PM. 01-27-97. CIRCULATED 202 SACKS.
- ND. RELEASE RIG @ 1:30 AM 01-28-97.
- 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. Basham TITLE Eng. Assistant DATE 1/29/97  
TYPE OR PRINT NAME Sheilla D. Reed-High Telephone No. (303)621-4851

(This space for State Use)

APPROVED \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY: \_\_\_\_\_

Schlumberger  
Dowell

CemDABE Cement Test Report

January 27, 1997  
DATE OF TEST : 27-jan-1997

TEST NUMBER : NPD704500001

CUSTOMER : TEXACO  
FIELD : LEA NM  
WELL : STATE L 6

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

BASE FLUID

Density : 8.32 lb/gal  
Volume : 6.30 gal/sk  
Type : LO  
Total liquid : 6.30 gal/sk

SLURRY

Density : 14.20 lb/gal  
Yield : 1.35 ft<sup>3</sup>/sk

| ADDITIVES |          |        |
|-----------|----------|--------|
| Code      | Concent. | Unit   |
| D020      | 2.000    | % BWOC |
| D029      | 0.260    | % BWOC |
| D044      | 5.000    | % BWOW |

B.H.S.T. : 124.0 F  
B.H.C.T. : 112.0 F

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

Rheological model (Dial 1) : Bingham Plastic

$T_y$  : 28.415 lb<sub>f</sub>/100ft<sup>2</sup>

$P_y$  : 13.587 cP

Correlation coefficient : 0.999

Thickening Time : 3 hr46 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                | 42.0   | 0.0    |
| 200.0                | 37.0   | 0.0    |
| 100.0                | 33.0   | 0.0    |
| 60.0                 | 31.0   | 0.0    |
| 30.0                 | 24.0   | 0.0    |
| 6.0                  | 19.0   | 0.0    |
| 3.0                  | 16.0   | 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   | 124.0     |
| 905                  | 12.0  | 124.0     |
| 1518                 | 24.0  | 124.0     |

Comment :

FIELD BLEND

50/50 POZ/H + 2% D20 + 5% D44 (BWOW) + 0.25PPS D29

LOCATION WATER USED

LONG STRING 1ST STAGE 6650' POD = 2:31

Schlumberger

Dowell

CemDABE Cement Test Report

January 27, 1997

DATE OF TEST : 27-Jan-1997

TEST NUMBER : NPD704500002

CUSTOMER : TEXACO  
FIELD : LEA NM  
WELL : STATE L 6

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

BASE FLUID

Density : 8.32 lb/gal  
Volume : 10.46 gal/sk  
Type : LO  
Total liquid : 10.46 gal/sk

SLURRY

Density : 12.80 lb/gal  
Yield : 1.94 ft<sup>3</sup>/sk

| ADDITIVES |          |        |
|-----------|----------|--------|
| Code      | Concent. | Unit   |
| D020      | 6.000    | % BWOC |
| D029      | 0.600    | % BWOC |
| D044      | 5.000    | % BWOW |

B.H.S.T. : 108.0 F

B.H.C.T. : 98.0 F

Rheological model (Dial 1) : Bingham Plastic

$T_y$  : 8.165 lb<sub>f</sub>/100 ft<sup>2</sup>

$P_v$  : 8.877 cP

Correlation coefficient : 1.000

Thickening Time : 12 hr15 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                | 17.0   | 0.0    |
| 200.0                | 14.0   | 0.0    |
| 100.0                | 11.0   | 0.0    |
| 60.0                 | 10.0   | 0.0    |
| 30.0                 | 9.0    | 0.0    |
| 6.0                  | 7.0    | 0.0    |
| 3.0                  | 6.0    | 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) |
| 130                  | 6.0   | 108.0     |
| 250                  | 12.0  | 108.0     |
| 320                  | 24.0  | 108.0     |

Comment :

FIELD BLEND

35/65 POZ/H + 6% D20 + 5% D44 (BWOW) + 0.25PPS D29

LOCATION WATER USED

LONG STRING 2D STAGE LEAD 4000' POD = 5:01



# CemDABE Cement Test Report

January 27, 1997

DATE OF TEST : 27-Jan-1997

TEST NUMBER : NPD704500003

CUSTOMER : TEXACO  
FIELD : LEA NM  
WELL : STATE L 6

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. : 108.0 F

B.H.C.T. : 98.0 F

No additives

Rheometer type : Fann 35

Spring factor : 1.0

Bob No : 1

Rotor No : 1

Rheological model (Dial 1) : Bingham Plastic

$T_y$  : 26.376 lbf/100ft<sup>2</sup>

$P_v$  : 18.666 cP

Correlation coefficient : 0.986

Thickening Time : 5 hr 1 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                | 45.0   | 0.0    |
| 200.0                | 38.0   | 0.0    |
| 100.0                | 34.0   | 0.0    |
| 60.0                 | 29.0   | 0.0    |
| 30.0                 | 25.0   | 0.0    |
| 6.0                  | 20.0   | 0.0    |
| 3.0                  | 17.0   | 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) |
| 650                  | 6.0   | 108.0     |
| 1250                 | 12.0  | 108.0     |
| 1650                 | 24.0  | 108.0     |

Comment :

FIELD BLEND

CLASS H NEAT

LOCATION WATER USED

LONG STRING 2D STAGE TAIL 4000'