

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.	30-015-28061
5. Indicate Type of Lease	STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil / Gas Lease No.	

<p>SUNDRY NOTICES AND REPORTS ON WELL (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.)</p>		7. Lease Name or Unit Agreement Name TODD "2" STATE
1. Type of Well:	OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	8. Well No. 2
2. Name of Operator	TEXACO EXPLORATION & PRODUCTION INC. ✓	9. Pool Name or Wildcat
3. Address of Operator	P.O. Box 46510, Denver Colorado 80201-6510	
4. Well Location		
Unit Letter L 2310 Feet From The SOUTH Line and 330 Feet From The WEST Line		
Section 2 Township 24-S Range 31-E NMPM EDDY COUNTY		
10. Elevation (Show whether DF, RKB, RT, GR, etc.) 3469'		

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

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	
OTHER: <input type="checkbox"/>	

SUBSEQUENT REPORT OF:

REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
COMMENCE DRILLING OPERATION <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
CASING TEST AND CEMENT JOB <input type="checkbox"/>	
OTHER: <input type="checkbox"/>	SPUD, SURFACE CASING <input checked="" 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.

- PETERSON RIG #2 SPUD 14 3/4 INCH HOLE @ 7:00 PM 11-20-94. DRILLED 11 INCH HOLE TO 4338'. TD @ 4:00 PM 11-27-94.
- RAN 20 JOINTS OF 11.75, 42#, WC-40, STC CASING SET @ 855'. RAN 8 CENTRALIZERS.
- DOWELL CEMENTED WITH 350 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, 1.34 CF/S). PLUG DOWN @ 12:00 AM 11-22-94. CIRCULATED 100 SACKS.
- NU BOP & TESTED TO 1200#. TESTED CASING TO 1200# FOR 30 MINUTES FROM 8:00 AM TO 8:30 AM 11-22-94.
- WOC TIME 8 HOURS FROM 12:00 AM TO 8:00 AM. REQUIREMENTS OF RULE 107, OPTION 2:
  - VOLUME OF CEMENT SLURRY: LEAD 609 (CU. FT.), TAIL 268 (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: 600 PSI.
  - ACTUAL TIME CEMENT IN PLACE PRIOR TO TESTING: 8 HOURS.
- 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 / SRH TITLE Drilling Operations Mgr. DATE 12/7/94  
TYPE OR PRINT NAME C. P. Basham Telephone No. (303)621-4851

(This space for State Use)

APPROVED BY SUPERVISOR, DISTRICT II TITLE \_\_\_\_\_ DATE DEC 19 1994  
CONDITIONS OF APPROVAL, IF ANY:

Schlumberger

Dowell

## CemDABE Cement Test Report

November 21, 1994

DATE OF TEST : 21-nov-1994

TEST NUMBER : NPD478500002

**CUSTOMER** : TEXACO  
**FIELD** : EDDY NM  
**WELL** : TODD STATE 2 2

**CEMENT**

Class : C  
 Blend :  
 Brand : LONESTAR  
 Plant : MARYNEAL

**BASE FLUID**

Density : 8.32 lb/gal  
 Volume : 6.31 gal/sk  
 Type : LO  
 Total liquid : 6.31 gal/sk

**SLURRY**

Density : 14.80 lb/gal  
 Yield : 1.34 ft<sup>3</sup>/sk

B.H.S.T. : 90.0 F

B.H.C.T. : 85.0 F

ADDITIVES		
Code	Concent.	Unit
S001	2.000	% BWOC

Rheometer type : Fann 35

Spring factor : 1.0

Bob No : 1

Rotor No : 1

Rheological model (Dial 1) : Bingham Plastic

 $T_y : 25.239 \text{ lbf}/100 \text{ ft}^2$  $P_o : 16.626 \text{ cP}$ 

Correlation coefficient : 0.977

Thickening Time : 2 hr10 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	41.0	0.0
200.0	37.0	0.0
100.0	32.0	0.0
60.0	27.0	0.0
30.0	21.0	0.0
6.0	18.0	0.0
3.0	14.0	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)
600	6.0	90.0
1400	12.0	90.0
2000	24.0	90.0

Comment :

FIELD BLEND

CLASS C + 2% S1

LOCATION WATER USED

SURFACE 970' TAIL