

Submit 3 Copies
to Appropriate
District Office

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-103
Revised 1-1-89

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

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

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

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

WELL API NO.
30-025-31781

5. Indicate Type of Lease
STATE FEE

6. State Oil & Gas Lease No.
B-1520-1

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.)

7. Lease Name or Unit Agreement Name
VACUUM GLORIETA WEST UNIT

1. Type of Well:
OIL WELL GAS WELL OTHER WATER INJECTION

2. Name of Operator
TEXACO EXPLORATION AND PRODUCTION INC.

8. Well No.
17

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

9. Pool name or Wildcat
VACUUM GLORIETA

4. Well Location
Unit Letter C : 1228 Feet From The NORTH Line and 1399 Feet From The WEST Line

Section 25 Township 17-SOUTH Range 34-EAST NMPM LEA County
10. Elevation (Show whether DF, RKB, RT, GR, etc.)
GR-4008', KB-4022'

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: 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 #3 SPUD 11 inch HOLE @ 2:00pm 12-08-92. DRILLED TO 1548'. TD @ 2:45am 12-09-92.
- 2. RAN 35 JTS OF 8 5/8, 24#, WC-50, STC CASING SET @ 1548'. RAN 11 CENTRALIZERS.
- 3. DOWELL CEMENTED WITH 450 SACKS CLASS C w/ 4% GEL, 2% Cacl2 (13.5ppg, 1.74cf/s). F/B 200 SACKS CLASS C w/ 2% Cacl2 (14.8ppg, 1.32cf/s). PLUG DOWN @ 10:45am 12-10-92. CIRCULATED 130 SACKS.
- 4. INSTALL WELLHEAD. NU BOP & TESTED TO 1500#.
- 5. TESTED CASING TO 1500# FOR 30 MINUTES FROM 6:45pm TO 7:15pm 12-10-92.
- 6. WOC TIME 8 HOURS FROM 10:45am TO 6:45pm 12-10-92. REQUIREMENTS OF RULE 107, OPTION 2:
 - 1. VOLUME OF CEMENT SLURRY: LEAD 783 (cu.ft). TAIL 268 (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: 866 PSI.
 - 5. ACTUAL TIME CEMENT IN PLACE PRIOR TO TESTING: 8 HOURS.

7. 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/cw# TITLE DRILLING OPERATIONS MANAGER DATE 12-10-92

TYPE OR PRINT NAME C. P. BASHAM TELEPHONE NO. 915-6884620

(This space for State Use) Orig. Signed by Paul Kautz Geologist TITLE _____ DATE _____

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:



CemDABE Cement Test Report

November 7, 1992
Date of test : 07-nov-1992

TEST NUMBER : NPD248300002

CUSTOMER : TEXACO
FIELD : LEA NM
WELL : VACUUM 79 + 53,28,17
Concentrations are expressed for 94 lbs Sack
BASE FLUID

Density : 8.32 lb/gal
Content : 6.320 gal/sk
Type : LO
Total liquid : 6.320 gal/sk

CEMENT
Class : C
Blend :
Brand : LONESTAR
Plant : MARYNEAL TX

SLURRY
Density : 14.80 lb/gal
Yield : 1.32 ft³/sk

B.H.S.T. : 90.0 F
B.H.C.T. : 85.0 F

ADDITIVES		
Code	Concent.	Unit
S001	2.000	% BWOC

Set condition :
Consistometer serial number :

Spring factor : 1.0
Bob No : 1
Rotor No : 1

Rheological model (Dial 1) : Bingham Plastic
 T_y : 25.120 lbf/100ft²
 P_0 : 17.755 cP
Correlation coefficient : 0.991

Thickening Time : 1 hr 25 mn to 100 BC
API Schedule : 1G1

No Fluid Loss data available
No Free Water data available

Rheometer type : Fann 35

Rheological data		
Temp. (F) :	80.0	0.0
R.P.M	Dial 1	Dial 2
300.0	43.0	0.0
200.0	36.0	0.0
100.0	32.0	0.0
60.0	28.0	0.0
30.0	25.0	0.0
6.0	20.0	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)
550	6.0	90.0
1100	12.0	90.0
2100	24.0	90.0

Comment :

C + 2% S1 TAIL FIELD BLEND
LOCATION WATER USED
TVD-1080
HOBBS LAB