

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

DISTRICT II
P.O. 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.
30-025-31841

5. Indicate Type of Lease
STATE ☒ FEE ☐

6. State Oil & Gas Lease No.
B-155-6

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.
94

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

9. Pool name or Wildcat
VACUUM GLORIETA

4. Well Location
Unit Letter J : 1525 Feet From The SOUTH Line and 2591 Feet From The EAST Line
Section 36 Township 17-SOUTH Range 34-EAST NMPM LEA County

10. Elevation (Show whether DF, RKB, RT, GR, etc.)
GR-3994', KB-4008'

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 #17 SPUD 14 3/4 HOLE @ 4:30pm 01-27-93. DRILLED TO 1500'. TD @ 8:30pm 1-28-93.
2. RAN 34 JTS OF 11 3/4, 42#, WC-50, STC CASING SET @ 1500'. RAN 10 CENTRALIZERS.
3. DOWELL CEMENTED WITH 660 SACKS CLASS C w/ 4% GEL, 2% CaCl₂ (13.5ppg, 1.74cf/s). F/B 280 SACKS CLASS C w/ 2% CaCl₂ (14.8ppg, 1.32cf/s). PLUG DOWN @ 5:45am 01-29-93. CIRCULATED 177 SACKS.
4. NU BOP & TESTED TO 1500#. TESTED CASING TO 1500# FOR 30 MINUTES FROM 4:45pm TO 5:15pm 1-29-93.
5. WOC TIME 11 HOURS FROM 5:45am TO 4:45pm 01-29-93. REQUIREMENTS OF RULE 107, OPTION 2:
 1. VOLUME OF CEMENT SLURRY: LEAD 1148 (cu.ft), TAIL 370 (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: 1250 PSI.
 5. ACTUAL TIME CEMENT IN PLACE PRIOR TO TESTING: 11 HOURS.
6. 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 / cwa TITLE DRILLING OPERATIONS MANAGER DATE 02-01-93
TYPE OR PRINT NAME C. P. BASHAM TELEPHONE NO. 915-6884620

(This space for State Use) ORIGINAL SIGNED BY JERRY SEXTON
DISTRICT I SUPERVISOR

FEB 03 1993

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



CemDABE Cement Test Report

December 29, 1992

Date of test : 29-dec-1992

TEST NUMBER : NPD260800002

CUSTOMER : TEXACO

FIELD : LEA NM

WELL : VACUUM 20,42,92,54,94

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 : 25.991 lb_f/100 ft²

P_0 : 15.715 cP

Correlation coefficient : 0.987

Thickening Time : 2 hr47 mn to 70 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	41.0	0.0
200.0	37.0	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)
530	6.0	90.0
1400	12.0	90.0
1850	24.0	90.0

Comment :

C + 2% S1 TAIL FIELD BLEND

LOCATION WATER USED

TVD-1550

HOBBS LAB