

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.  
30-025-31839

5. Indicate Type of Lease  
STATE ☒ FEE ☐

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

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

8. Well No.  
68

9. Pool name or Wildcat  
VACUUM GLORIETA

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.)

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

2. Name of Operator  
TEXACO EXPLORATION AND PRODUCTION INC.

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

4. Well Location  
Unit Letter H : 1517 Feet From The NORTH Line and 139 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-3989', KB-4003'

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 @ 5:00pm 02-14-93. DRILLED TO 1520'. TD @ 9:00am 2-15-93.
2. RAN 34 JTS OF 8 5/8, 24#, WC-50, STC CASING SET @ 1520'. RAN 10 CENTRALIZERS.
3. DOWELL CEMENTED WITH 450 SACKS CLASS C w/ 4% GEL, 2% CaCl<sub>2</sub> (13.5ppg, 1.74cf/s). F/B 200 SACKS CLASS C w/ 2% CaCl<sub>2</sub> (14.8ppg, 1.32cf/s). PLUG DOWN @ 4:00pm 02-15-93. CIRCULATED 125 SACKS.
4. NU BOP & TESTED TO 1400#. TESTED CASING TO 1400# FOR 30 MINUTES FROM 1:00am TO 1:30am 2-16-93.
5. WOC TIME 9 HOURS FROM 4:00pm 02-15-93 TO 1:00am 02-16-93. REQUIREMENTS OF RULE 107, OPTION 2:
  1. VOLUME OF CEMENT SLURRY: LEAD 783 (cu.ft), TAIL 264 (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: 1124 PSI.
  5. ACTUAL TIME CEMENT IN PLACE PRIOR TO TESTING: 9 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 / cwh TITLE DRILLING OPERATIONS MANAGER DATE 02-16-93  
TYPE OR PRINT NAME C. P. BASHAM TELEPHONE NO. 915-6884620

(This space for State Use)

ORIGINAL MAILED BY JERRY SEXTON

FEB 18 1993

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



# CemDABE Cement Test Report

February 3, 1993

Date of test : 03-feb-1993

TEST NUMBER : NPD303900002

CUSTOMER : TEXACO

FIELD : LEA NM

WELL : VAC 67, 68

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

## SLURRY

Density : 14.80 lb/gal

Yield : 1.32 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

Set condition :

Consistometer serial number :

Spring factor : 1.0

Bob No : 1

Rotor No : 1

Rheological model (Dial 1) : Bingham Plastic

$T_y$  : 27.732 lb<sub>f</sub>/100 ft<sup>2</sup>

$P_v$  : 26.697 cP

Correlation coefficient : 0.982

Thickening Time : 2 hr 5 min to 70 BC

API Schedule :

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	53.0	0.0
200.0	47.0	0.0
100.0	38.0	0.0
60.0	31.0	0.0
30.0	26.0	0.0
6.0	21.0	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)
500	6.0	90.0
1749	12.0	90.0
2100	24.0	90.0

Comment :

C + 2% S1 FIELD BLEND TEST  
LOCATION WATER USED.

TVD-1550 FT.

HOBBS LAB