

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. 30-025-31703
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No. B-2706
7. Lease Name or Unit Agreement Name VACUUM GLORIETA WEST UNIT
8. Well No. 53
9. Pool name or Wildcat VACUUM GLORIETA
10. Elevation (Show whether DF, RKB, RT, GR, etc.) GR-4003', KB-4017'

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 N : 215 Feet From The SOUTH Line and 2350 Feet From The WEST Line Section 25 Township 17-SOUTH Range 34-EAST NMPM LEA County

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data	
NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK ☐	REMEDIAL WORK ☐
TEMPORARILY ABANDON ☐	ALTERING CASING ☐
PULL OR ALTER CASING ☐	COMMENCE DRILLING OPNS. ☒
OTHER: ☐	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 11 inch HOLE @6:30pm 11-09-92. DRILLED TO 1550'. TD @4:45am 11-10-92.
2. RAN 34 JTS OF 8 5/8, 24#, WC-50, STC CASING SET @ 1550'. 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 @ 3:15pm 11-10-92. CIRCULATED 100 SACKS.
4. INSTALL WELLHEAD & TEST TO 500#. NU BOP & TEST TO 1500#.
5. TESTED CASING TO 1500# FOR 30 MINUTES FROM 12:00am TO 12:30am 11-11-92.
6. WOC TIME 8 3/4 HOURS FROM 3:15pm 11-10-92 TO 12:00am 11-11-92. 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: 70°F.
 3. EST. FORMATION TEMPERATURE OF SLURRY IN ZONE OF INTEREST: 90°F.
 4. EST. CEMENT STRENGTH AT TIME OF CASING TEST: 900 PSI.
 5. ACTUAL TIME CEMENT IN PLACE PRIOR TO TESTING: 8 3/4 HOURS.
7. DRILLED 15' OF FORMATION. RAN LEAK-OFF TEST TO 22ppg EMW.
8. 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 / cwt TITLE DRILLING OPERATIONS MANAGER DATE 11-11-92
TYPE OR PRINT NAME C. P. BASHAM TELEPHONE NO. 915-6884620

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

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

NOV 16 '92



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

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.I.L.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 hr25 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
1500	12.0	90.0
2100	24.0	90.0

Comment :

C + 2% S1 TAIL FIELD BLEND

LOCATION WATER USED

TVD-1680

HOBBS LAB