

Submit 3 Copies
to Appropriate
District Office

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

State of New Mexico
Energy, Minerals and Natural Resources Department

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

Form C-103
Revised 1-1-89

WELL API NO.
30-025-31728

5. Indicate Type of Lease
STATE ☒ FEE ☐

6. State Oil & Gas Lease No.
B-3196

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

8. Well No.
51

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 A : 24 Feet From The NORTH Line and 101 Feet From The EAST Line

Section 35 Township 17-SOUTH Range 34-EAST NMPM LEA County
10. Elevation (Show whether DF, RKB, RT, GR, etc.)
GR-4009', KB-4023'

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 11 inch HOLE @5:00pm 10-23-92. DRILLED TO 1550'. TD @ 3:45am 10-24-92.
2. RAN 36 JTS OF 8 5/8, 24#, WC-40, 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 @ 1:00pm 10-24-92. CIRCULATED 119 SACKS.
4. INSTALL WELLHEAD & TEST TO 500#. NU BOP & TEST TO 1500#.
5. TESTED CASING TO 1500# FOR 30 MINUTES FROM 1:00am TO 1:30am 10-25-92.
6. WOC TIME 12 HOURS FROM 1:00pm 10-24-92 TO 1:00am 10-25-92. 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: 70 F.
 3. EST. FORMATION TEMPERATURE IN ZONE OF INTEREST: 90 F.
 4. EST. CEMENT STRENGTH AT TIME OF CASING TEST: 1550 PSI.
 5. ACTUAL TIME CEMENT IN PLACE PRIOR TO TESTING: 12 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 / cwh TITLE DRILLING OPERATIONS MANAGER DATE 10-28-92
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

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

OCT 30 '92



CemDABE Cement Test Report

October 24, 1992

Date of test : 23-oct-1992

TEST NUMBER : NPD245100002

CUSTOMER : TEXACO

FIELD : LEA NM

WELL : VACUUM 51

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 : 25.288 lbf/100ft²

P_o : 18.363 cP

Correlation coefficient : 0.993

Thickening Time : 1 hr40 mn to 100 BC

API Schedule :

No Fluid Loss data available

No Free Water data available

Comment :

C + 2% S1 TAIL FIELD BLEND

LOCATION WATER USED

TVD-1550

HOBBS LAB

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	38.0	0.0
100.0	32.0	0.0
60.0	28.0	0.0
30.0	24.0	0.0
6.0	20.0	0.0
3.0	18.0	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
1550	12.0	90.0
0	24.0	90.0