

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. 30-025-31705
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No. B-155
7. Lease Name or Unit Agreement Name VACUUM GLORIETA WEST UNIT
8. Well No. 65
9. Pool name or Wildcat VACUUM GLORIETA
10. Elevation (Show whether DF, RKB, RT, GR, etc.) GR-4004', KB-4018'

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 F : 1522 Feet From The NORTH Line and 1492 Feet From The WEST Line
Section 36 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 #3 SPUD 11 inch HOLE @9:30pm 10-06-92. DRILLED TO 1550'. TD @ 10:30am 10-07-92.
2. RAN 38 JTS OF 8 5/8, 24#, WC-50, STC CASING SET @ 1550'. RAN 9 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, 1.34cf/s). PLUG DOWN @ 5:45pm 10-07-92. CIRCULATED 81 SACKS.
4. INSTALL WELLHEAD & TEST TO 600#. NU BOP & TEST TO 1500#.
5. TESTED CASING TO 1500# FOR 30 MINUTES FROM 3:00am TO 3:30am 10-08-92.
6. WOC TIME 9 3/4 HOURS FROM 5:45pm 10-07-92 TO 3:00am 10-08-92. 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 IN ZONE OF INTEREST: 90 F.
 4. EST. CEMENT STRENGTH AT TIME OF CASING TEST: 1000 PSI.
 5. ACTUAL TIME CEMENT IN PLACE PRIOR TO TESTING: 9 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/cwh TITLE DRILLING OPERATIONS MANAGER DATE 10-12-92
TYPE OR PRINT NAME C. P. BASHAM TELEPHONE NO. 915-6884620

(This space for State Use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:



CemDABE Cement Test Report

October 7, 1992

Date of test : 07-oct-1992

TEST NUMBER : NPD240700002

CUSTOMER : TEXACO

FIELD : LEA

WELL : VACUUM 65

Concentrations are expressed for 94 lbs Sack

BASE FLUID

Density : 8.32 lb/gal

Content : 6.300 gal/sk

Type : LO

Total liquid : 6.300 gal/sk

CEMENT

Class : C

Blend :

Brand : LONESTAR

Plant : MARYNEAL

SLURRY

Density : 14.80 lb/gal

Yield : 1.34 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

 $T_v : 23.448 \text{ lbf}/100 \text{ ft}^2$ $P_v : 18.970 \text{ cP}$

Correlation coefficient : 0.989

Thickening Time : 2 hr 0 mn 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	42.0	0.0
200.0	36.0	0.0
100.0	31.0	0.0
60.0	26.0	0.0
30.0	23.0	0.0
6.0	19.0	0.0
3.0	17.0	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
0	0.0	0.0

Comment :

C + 2% S1 FIELD BLEND TEST

TVD-1550 FT.

HOBBS LAB