

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. 30-025-31784
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. 28
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 L : 2304 Feet From The SOUTH Line and 1127 Feet From The WEST Line Section 25 Township 17-SOUTH Range 34-EAST NMPM LEA County	
10. Elevation (Show whether DF, RKB, RT, GR, etc.) GR-4006', KB-4020'	

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 @ 4:30pm 11-20-92. DRILLED TO 1530'. TD @ 7:30am 11-21-92.
2. RAN 34 JTS OF 8 5/8, 24#, WC-50, STC CASING SET @ 1530'. 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 @ 6:15pm 11-21-92. CIRCULATED 100 SACKS.
4. INSTALLED WELLHEAD & TESTED TO 500#. NU BOP & TESTED TO 1500#.
5. TESTED CASING TO 1500# FOR 30 MINUTES FROM 8:30am TO 9:00am 11-22-92.
6. WOC TIME 14 1/4 HOURS FROM 6:10pm 11-21-92 TO 8:30am 11-22-92. 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: 60°F.
 3. EST. FORMATION TEMPERATURE IN ZONE OF INTEREST: 90°F.
 4. EST. CEMENT STRENGTH AT TIME OF CASING TEST: 1500 PSI.
 5. ACTUAL TIME CEMENT IN PLACE PRIOR TO TESTING: 14 1/4 HOURS.

7. 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 11-23-92
TELEPHONE NO. 915-6884620
TYPE OR PRINT NAME C. P. BASHAM

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

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

NOV 23 1992



CemDABE Cement Test Report

November 7, 1992
Date of test : 07-nov-1992

TEST NUMBER : NPD248300002

CUSTOMER : TEXACO
FIELD : LEA NM
WELL : VACUUM 79 + 53,28
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

$T_y : 25.120 \text{ lbf}/100\text{ft}^2$

$P_0 : 17.755 \text{ cP}$

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	16.0	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	60	90.0
1100	120	90.0
2200	240	90.0

Comments :

C + 2% S1 TAIL FIELD BLEND

LOCATION WATER USED

TVD-1050

ROBBS LAB