

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. 30-025-31842
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. B-155-6
7. Lease Name or Unit Agreement Name VACUUM GLORIETA WEST UNIT
8. Well No. 81
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 <input type="checkbox"/> GAS WELL <input type="checkbox"/> 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 <u>J</u> : <u>2521</u> Feet From The <u>SOUTH</u> Line and <u>1503</u> Feet From The <u>EAST</u> Line Section <u>36</u> Township <u>17-SOUTH</u> Range <u>34-EAST</u> NMPM LEA County	
10. Elevation (Show whether DF, RKB, RT, GR, etc.) GR-3991', KB-4005'	

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 14 3/4 HOLE @ 2:00pm 02-06-93. DRILLED TO 1500'. TD @ 6:00am 2-07-93.
2. RAN 35 JTS OF 11 3/4, 42#, H-40, STC CASING SET @ 1500'. RAN 10 CENTRALIZERS.
3. DOWELL CEMENTED WITH 660 SACKS CLASS C w/ 4% GEL, 2% CaCl₂ (13.5ppg, 1.74cf/s). F/B 280 SACKS CLASS C w/ 2% CaCl₂ (14.8ppg, 1.32cf/s). PLUG DOWN @ 3:30pm 02-07-93. CIRCULATED 113 SACKS.
4. NU BOP & TESTED TO 1500#. TESTED CASING TO 1500# FOR 30 MINUTES FROM 12:15am TO 12:45am 2-08-93.
5. WOC TIME 8 3/4 HOURS FROM 3:30pm 02-07-93 TO 12:15am 02-08-93. REQUIREMENTS OF RULE 107, OPTION 2:
 1. VOLUME OF CEMENT SLURRY: LEAD 1148 (cu.ft), TAIL 370 (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: 1116 PSI.
 5. ACTUAL TIME CEMENT IN PLACE PRIOR TO TESTING: 8 3/4 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 02-08-93

TYPE OR PRINT NAME C. P. BASHAM

TELEPHONE NO. 915-6884620

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

FEB 11 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, 81

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 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 : 27.732 lbf/100ft²

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		

Comment :

C + 2% S1 FIELD BLEND TEST

LOCATION WATER USED.

TVD-1550 FT.

HOBBS LAB

Compressive strength		
PSI	Hours	Temp. (F)
500	6.0	90.0
1749	12.0	90.0
2100	24.0	90.0