

Submit 3 Copies
to Appropriate
District Office

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-103
Revised 1-1-89

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

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

WELL API NO. 30-025-31844
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. 96
9. Pool name or Wildcat VACUUM GLORIETA
10. Elevation (Show whether DF, RKB, RT, GR, etc.) GR-3986', KB-4000'

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>I</u> : <u>1427</u> Feet From The <u>SOUTH</u> Line and <u>183</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-3986', KB-4000'

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data	
NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input checked="" type="checkbox"/>
OTHER: <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
	CASING TEST AND CEMENT JOB <input checked="" type="checkbox"/>
	OTHER: SPUD & SURFACE CASING <input checked="" type="checkbox"/>

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 @ 1:00pm 02-26-93. DRILLED TO 1490'. TD @ 9:00am 2-28-93.
2. RAN 35 JTS OF 11 3/4, 42#, WC-40, STC CASING SET @ 1490'. 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 @ 4:15pm 02-28-93. CIRCULATED 64 SACKS.
4. NU BOP & TESTED TO 1500#. TESTED CASING TO 1500# FOR 45 MINUTES FROM 5:15am TO 6:00am 3-1-93.
5. WOC TIME 13 HOURS FROM 4:15pm 02-28-93 TO 5:15am 03-1-93. 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: 1950 PSI.
 5. ACTUAL TIME CEMENT IN PLACE PRIOR TO TESTING: 13 HOURS.
6. DRILLING 11 inch HOLE.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE C. P. Basham /cwp TITLE DRILLING OPERATIONS MANAGER DATE 03-02-93
TYPE OR PRINT NAME C. P. BASHAM TELEPHONE NO. 915-6884620

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

APPROVED BY _____ TITLE _____ DATE MAR 04 1993
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, 68, 95, 96, 41
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

$T_v : 27.732 \text{ lbf}/100 \text{ ft}^2$

$P_v : 26.697 \text{ cP}$

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

Comment :

C + 2% S1 FIELD BLEND TEST
LOCATION WATER USED.
TVD-1550 FT.
HOBBS LAB

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		

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