

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. 30-025-31701
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. 40
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 <u>K</u> : <u>1590</u> Feet From The <u>SOUTH</u> Line and <u>2404</u> Feet From The <u>WEST</u> Line Section <u>25</u> Township <u>17-SOUTH</u> Range <u>34-EAST</u> NMPM LEA County
10. Elevation (Show whether DF, RKB, RT, GR, etc.) GR-4001', KB-4015'

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 @3:00pm 10-14-92. DRILLED TO 1549'. TD @ 3:30am 10-14-92.
2. RAN 34 JTS OF 8 5/8, 24#, WC-50, STC CASING SET @ 1549'. 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, 1.34cf/s). PLUG DOWN @ 2:15pm 10-15-92. CIRCULATED 20 SACKS.
4. INSTALL WELLHEAD & TEST TO 500#. NU BOP & TEST TO 1500#.
5. TESTED CASING TO 1500# FOR 30 MINUTES FROM 12:30am TO 1:00am 10-16-92.
6. WOC TIME 10 1/4 HOURS FROM 2:15pm 10-15-92 TO 12:30am 10-16-92. 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: 1250 PSI.
 5. ACTUAL TIME CEMENT IN PLACE PRIOR TO TESTING: 10 1/4 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 10-16-92
TYPE OR PRINT NAME C. P. BASHAM TELEPHONE NO. 915-6884620

(This space for State Use)

Orig. Signed by
Paul Kautz
Geologist

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:



CemDABE Cement Test Report

October 14, 1992
Date of test : 13-oct-1992

TEST NUMBER : NPD242600002

CUSTOMER : TEXACO
FIELD : LEA NM
WELL : VGWU 40
Concentrations are expressed for 94 lbs Sack

BASE FLUID

Density : 8.32 lb/gal
Content : 6.320 gal/sk
Type : L.O
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 :

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	37.0	0.0
100.0	31.0	0.0
60.0	27.0	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		

Spring factor : 1.0
Bob No : 1
Rotor No : 1

Rheological model (Dial 1) : Bingham Plastic
 T_v : 24.284 lbf/100 ft²
 P_v : 18.363 cP
Correlation coefficient : 0.993

Thickening Time : 2 hr 15 min to 70 BC
API Schedule : 1G5

No Fluid Loss data available

No Free Water data available

Compressive strength		
PSI	Hours	Temp. (F)
560	6.0	90.0
1600	12.0	90.0
0	0.0	0.0

Comment :

C + 2% S1 TAIL FIELD BLEND
LOCATION WATER USED
TVD-1550
HOBBS LAB