

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. 30-025-91786
5. Indicate Type of Lease STATE ☒ FEB ☐
6. State Oil & Gas Lease No. B-1056-2
7. Lease Name or Unit Agreement Name VACUUM GLORIETA WEST UNIT
8. Well No. 30
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>J</u> : <u>2305</u> Feet From The <u>SOUTH</u> Line and <u>1391</u> Feet From The <u>EAST</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-3990', KB-4001'	

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 11 inch HOLE @ 3:45pm 12-10-92. DRILLED TO 1540'. TD @ 1:45am 12-11-92.
2. RAN 34 JTS OF 8 5/8, 24#, WC-50, STC CASING SET @ 1540'. 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 @ 3:30pm 12-11-92. CIRCULATED 65 SACKS.
4. INSTALL WELLHEAD. NU BOP & TESTED TO 1500#.
5. TESTED CASING TO 1500# FOR 30 MINUTES FROM 2:00am TO 2:30am 12-12-92.
6. WOC TIME 10 1/2 HOURS FROM 3:30pm 12-11-92 TO 2:00am 12-12-92. 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: 50 F.
 3. EST. FORMATION TEMPERATURE IN ZONE OF INTEREST: 90 F.
 4. EST CEMENT STRENGTH AT TIME OF CASING TEST: 920 PSI.
 5. ACTUAL TIME CEMENT IN PLACE PRIOR TO TESTING: 10 1/2 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 / cwt TITLE DRILLING OPERATIONS MANAGER DATE 12-14-92

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:

DEC 16 '92



CemDABE Cement Test Report

December 11, 1992

Date of test : 11-dec-1992

TEST NUMBER : NPD257400002

CUSTOMER : TEXACO
 FIELD : LEA NM
 WELL : VACUUM 30
 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

 $T_y : 19.638 \text{ lbf}/100\text{ft}^2$ $P_o : 20.162 \text{ cP}$

Correlation coefficient : 0.995

Thickening Time : 2 hr 0 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	40.0	0.0
200.0	32.0	0.0
100.0	27.0	0.0
60.0	24.0	0.0
30.0	21.0	0.0
6.0	16.0	0.0
3.0	14.0	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
1100	12.0	90.0
0	0.0	0.0

Comment :

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