

State of New Mexico
Energy, Minerals and Natural Resources Department

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

Submit 3 Copies
to Appropriate
District Office

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. 30-025-31814	
5. Indicate Type of Lease STATE ☐ FEE ☒	
6. State Oil & Gas Lease No.	
7. Lease Name or Unit Agreement Name VACUUM GLORIETA WEST UNIT	
8. Well No. 31	
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 I : 2520 Feet From The SOUTH Line and 153 Feet From The EAST Line Section 25 Township 17-SOUTH Range 34-EAST NMPM LEA County	
10. Elevation (Show whether DF, RKB, RT, GR, etc.) GR-3982', KB-3996'	

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 @ 2:00pm 12-21-92. DRILLED TO 1550'. TD @ 10:15pm 12-21-92.
2. RAN 36 JTS OF 8 5/8, 24#, WC-50, STC CASING SET @ 1550'. RAN 10 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 @ 10:00am 12-22-92. CIRCULATED 32 SACKS.
4. INSTALL WELLHEAD. NU BOP & TESTED TO 1500#.
5. TESTED CASING TO 1500# FOR 30 MINUTES FROM 6:00pm TO 6:30pm 12-22-92.
6. WOC TIME 8 HOURS FROM 10:00am 12-22-92 TO 6:00pm 12-22-92. 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: 50 F.
 3. EST. FORMATION TEMPERATURE IN ZONE OF INTEREST: 90 F.
 4. EST CEMENT STRENGTH AT TIME OF CASING TEST: 733 PSI.
 5. ACTUAL TIME CEMENT IN PLACE PRIOR TO TESTING: 8 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 12-23-92
TYPE OR PRINT NAME C. P. BASHAM TELEPHONE NO. 915-6884620

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

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

DATE

DEC 28 '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+ 19, 3)
 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

 $T_v : 19.638 \text{ lbf}/100 \text{ ft}^2$ $P_v : 20.162 \text{ cP}$

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 FL.
 HOBBS LAD