

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.
30-025-31807

5. Indicate Type of Lease
STATE ☒ FEE ☐

6. State Oil & Gas Lease No.
B-1030-2

7. Lease Name or Unit Agreement Name
VACUUM GLORIETA WEST UNIT

8. Well No.
20

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 H : 1541 Feet From The NORTH Line and 181 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-3994', 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 #3 SPUD 11 inch HOLE @ 2:00pm 12-28-92. DRILLED TO 1539'. TD @ 2:30am 12-29-92.
2. RAN 35 JTS OF 8 5/8, 24#, WC-50, STC CASING SET @ 1539'. 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 @ 11:45am 12-29-92. CIRCULATED 145 SACKS.
4. INSTALL WELLHEAD. NU BOP & TESTED TO 1500#.
5. TESTED CASING TO 1500# FOR 30 MINUTES FROM 7:45pm TO 8:15pm 12-29-92.
6. WOC TIME 8 HOURS FROM 11:45am 12-29-92 TO 7:45pm 12-29-92. 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: 820 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 12-30-92

TYPE OR PRINT NAME C. P. BASHAM

TELEPHONE NO. 915-6884620

(This space for State Use)

ORIGINAL FILED BY JERRY SEASON

DISTRICT I APPROVAL

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:



December 29, 1992

Date of test : 29-dec-1992

TEST NUMBER : NPD260800002**CUSTOMER : TEXACO****FIELD : LEA NM****WELL : VACUUM 20***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 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
5001	2.000	% BWOC

Set condition :

Consistometer serial number :

Spring factor : 1.0

Bob No : 1

Rotor No : 1

Rheological model (Dial 1) : Bingham Plastic

 $T_b : 25.991 \text{ lbf}/100 \text{ ft}^2$ $P_c : 15.715 \text{ cP}$

Correlation coefficient : 0.987

Thickening Time : 2 hr47 mn to 70 BC

API Schedule : 1G1

No Fluid Loss data available

No Free Water data available

Comment :

C + 2% S1 TAIL FIELD BLEND

LOCATION WATER USED

TVD-1550

HOBBS LAB

Rheometer type : Fann 35

Rheological data		
Temp. (F) :	80.0	0.0
R.P.M.	Dial 1	Dial 2
300.0	41.0	0.0
200.0	37.0	0.0
100.0	32.0	0.0
60.0	28.0	0.0
30.0	25.0	0.0
6.0	20.0	0.0
3.0	15.0	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)
530	6.0	90.0
1400	12.0	90.0
1850	24.0	90.0