

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. 30-025-31702
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. 52
9. Pool name or Wildcat VACUUM GLORIETA
10. Elevation (Show whether DF, RKB, RT, GR, etc.) GR-4005', KB-4019'

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 N : 214 Feet From The SOUTH Line and 1630 Feet From The WEST Line Section 25 Township 17-SOUTH Range 34-EAST NMPM LEA County
10. Elevation (Show whether DF, RKB, RT, GR, etc.) GR-4005', KB-4019'

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 @2:30pm 11-01-92. DRILLED TO 1550'. TD @12:30am 11-02-92.
2. RAN 34 JTS OF 8 5/8, 24#, WC-50, STC CASING SET @ 1550'. 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/ 24 CaCl₂ (14.8ppg, 1.32cf/s). PLUG DOWN @ 10:15am 11-02-92. CIRCULATED 50 SACKS.
4. INSTALL WELLHEAD & TEST TO 500#. NU BOP & TEST TO 1500#.
5. TESTED CASING TO 1500# FOR 30 MINUTES FROM 7:00pm TO 7:30pm 11-02-92.
6. WOC TIME 8 3/4 HOURS FROM 10:15am 11-02-92 TO 7:00pm 11-02-92. 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 OF SLURRY IN ZONE OF INTEREST: 90 F.
 4. EST. CEMENT STRENGTH AT TIME OF CASING TEST: 900 PSI.
 5. ACTUAL TIME CEMENT IN PLACE PRIOR TO TESTING: 8 3/4 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 11-03-92
TYPE OR PRINT NAME C. P. BASHAM TELEPHONE NO. 915-6884620

(This space for State Use)

Orig. Signed by
Paul Kautz
Geologist

TITLE

DATE

NOV 06 '92

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:



CEMENTING REPL. T

File No.: H092449Report Date: 10-31-92Operator: Texaco Requested By: _____Lease No.: Vacuum # 52 Service Point: HNNMLocation: Lea Type of Job: Surf

Test Conditions:

Depth: 1550 ft., Temp Grad: _____, BHST: 90 °F, BHCT: 85 °F

Properties:	Density (ppg)	Yield (cu ft/sk)	Mix Water (gal/sk)	Total Liquid (gal/sk)	Water Source	Cement Source
System No. 1	<u>13.5</u>	<u>1.74</u>	<u>9.11</u>	<u>9.11</u>	<u>Loc</u>	
System No. 2	<u>14.8</u>	<u>1.32</u>	<u>6.32</u>	<u>6.32</u>	<u>Loc</u>	
System No. 3						
System No. 4						

Cement System Compositions:

System No. 1 C+4% D20+2% S1System No. 2 C+2% S1

System No. 3 _____

System No. 4 _____

Thickening Time Results

Rheology Results

SYSTEM	HR:MIN	BC	300	200	100	60	30	6	3	PV or n'	Tyork'	REHOLOGY MODEL	I.O.D.
No. 1	<u>3:20</u>	<u>70</u>	<u>36</u>	<u>30</u>	<u>24</u>	<u>21</u>	<u>17</u>	<u>14</u>	<u>12</u>				
No. 2	<u>2:10</u>	<u>70</u>	<u>42</u>	<u>35</u>	<u>31</u>	<u>27</u>	<u>24</u>	<u>19</u>	<u>14</u>				
No. 3													
No. 4													

Compressive Strengths - psi

SYSTEM	TEMP.	4 HRS.	12 HRS.	24 HRS.
No. 1	<u>70 °F</u>	<u>250</u>	<u>500</u>	<u>900</u>
No. 1	<u>90 °F</u>	<u>550</u>	<u>1500</u>	<u>2100</u>
No. 2	°F			
No. 2	°F			
No. 3	°F			
No. 3	°F			
No. 4	°F			
No. 4	°F			

Lead

Tail

FLUID LOSS

FREE WATER

SYSTEM	°F, _____ psi	°F
	mL/30 min	mL
No. 1		
No. 2		
No. 3		
No. 4		

Remarks: _____

Chemist: _____