

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. 30-025-32027
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No. B-1306-1
7. Lease Name or Unit Agreement Name VACUUM GRAYBURG SAN ANDRES UNIT
8. Well No. 127
9. Pool name or Wildcat VACUUM GRAYBURG SAN ANDRES
10. Elevation (Show whether DF, RKB, RT, GR, etc.) GR-3992', KB-4006'

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 ☐	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 K : 1980 Feet From The SOUTH Line and 2625 Feet From The WEST Line Section 1 Township 18-SOUTH Range 34-EAST NMPM LEA County
10. Elevation (Show whether DF, RKB, RT, GR, etc.) GR-3992', KB-4006'	

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. ROD RIC RIG #4 SPUD 11 IN. HOLE @ 6:30 PM 07-24-93. DRILLED TO 1450'. TD @ 8:30 AM 07/25/93.
2. RAN 32 JTS OF 8 5/8, 24#, WC-50, STC CASING SET @ 1450'. RAN 10 CENTRALIZERS.
3. DOWELL CEMENTED WITH 500 SACKS CLASS C W/ 4% GEL, 2% CACL2 (13.5 PPG, 1.74 CF/S). F/B 150 SACKS CLASS C W/ 2% CACL2 (14.8 PPG, 1.32 CF/S). PLUG DOWN @ 6:45 PM 07-25-93. CIRCULATED 128 SACKS.
4. NU BOP & TESTED TO 1000#. TESTED CASING TO 1500# FOR 30 MINUTES FROM 11:00 AM TO 11:30 AM 07-26-93.
5. WOC TIME 16 1/4 HOURS FROM 6:45 PM 07-25-93 TO 11:00 AM 07-26-93. REQUIREMENTS OF RULE 107, OPTION 2:
1. VOLUME OF CEMENT SLURRY: LEAD 870 (CU.FT), TAIL 198 (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: 1933 PSI.
5. ACTUAL TIME CEMENT IN PLACE PRIOR TO TESTING: 16 1/4 HOURS.

6. 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 / SDH TITLE DRILLING OPERATIONS MANAGER DATE 07-27-93

TYPE OR PRINT NAME C.P. BASHAM TELEPHONE NO. 915-6884620

(This space for State Use)

APPROVED BY Paul Kautz Geologist TITLE Geologist DATE AUG 02 1993

CONDITIONS OF APPROVAL, IF ANY:



CEMENTING REPORT

File No.: H093353Report Date: 7/25/93Operator: Texas

Requested By: _____

Lease No.: UGSAU #127Service Point: HNM.Location: LeaType of Job: SoF

Test Conditions:

Depth: 1500 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>		
System No. 2	<u>14.8</u>	<u>1.32</u>	<u>6.32</u>	<u>6.32</u>		
System No. 3						
System No. 4						

Cement System Compositions:

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

System No. 2 C + 2% S1

System No. 3 _____

System No. 4 _____

Thickening Time Results

Rheology Results

SYSTEM	TIME, MIN	SG	300	200	100	50	30	20	10	5	1000	Ty or k'	RHEOLOGY MODEL	I.O.D.
No. 1	<u>2:15</u>	<u>70</u>	<u>45</u>	<u>40</u>	<u>33</u>	<u>29</u>	<u>24</u>	<u>21</u>	<u>19</u>					
No. 2	<u>2:00</u>	<u>70</u>	<u>41</u>	<u>34</u>	<u>30</u>	<u>24</u>	<u>22</u>	<u>17</u>	<u>14</u>					
No. 3														
No. 4														

Compressive Strengths - psi

SYSTEM	TEMP	6 HRS.	12 HRS.	24 HRS.
No. 1	<u>90 °F</u>	<u>400</u>	<u>900</u>	<u>1400</u>
No. 1	°F			
No. 2	<u>90 °F</u>	<u>600</u>	<u>1400</u>	<u>2000</u>
No. 2	°F			
No. 3	°F			
No. 3	°F			
No. 4	°F			
No. 4	°F			

FLUID LOSS

FREE WATER

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

Remarks: _____

Chemist: _____