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OIL CONSERVATION DIVISION

P. O. BOX 2088  
SANTA FE, NEW MEXICO 87501

Form C-103  
Revised 10-1-79

RECEIVED BY  
MAY 20 1985  
O. C. D.  
ARTESIA, OTTE

5a. Indicate Type of Lease  
State ☒ For ☐  
5. State Oil & Gas Lease No.  
B - 3635

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. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER- <input checked="" type="checkbox"/> <b>X - Water Injection Well</b>	7. Unit Agreement Name <b>Burnham Grayburg San Andres Unit</b>
2. Name of Operator <b>Anadarko Production Company</b>	8. Farm or Lease Name <b>Tract No. 4</b>
3. Address of Operator <b>P. O. Drawer 130, Artesia, New Mexico 88210</b>	9. Well No. <b>1</b>
4. Location of Well UNIT LETTER <b>P</b> <b>660</b> FEET FROM THE <b>South</b> LINE AND <b>660</b> FEET FROM THE <b>East</b> LINE, SECTION <b>2</b> TOWNSHIP <b>17S</b> RANGE <b>30E</b> NMPM.	10. Field and Pool, or Wildcat <b>Square Lake-Grayburg-San Andres</b>
15. Elevation (Show whether DF, RT, GR, etc.) <b>3763' GL</b>	12. County <b>Eddy</b>

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 ☒ **Restore Casing Integrity**

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐  
COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐  
CASING TEST AND CEMENT JOB ☐ OTHER ☐

17. 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.

Note: Anadarko pressure tested the 5 1/2" production casing in this well on 5-16-85 and it would not hold pressure. We are currently uncertain of what steps need to be taken to repair and thus restore the integrity of the casing on this water injection well but plan to proceed thus:

1. Pump dye down the casing/tubing annulus and monitor fluid returning out of the 8-5/8" surface casing; calculate the depth to hole.
2. If hole is very shallow; use a backhoe to dig out 8-5/8" surface casing; cut away 8-5/8" casing to locate hole in 5 1/2"; weld hole & replace 8-5/8" cut-off piece. Test casing - if O. K. - have NMOC D witness the second test.
3. If hole (holes) are deeper; rig up pulling unit and proceed as follows:
4. Unset injection packer and start pulling 2-3/8" tubing out of well.
5. Occasionally reset packer & pressure test the casing/tubing annulus until a hole (or top of numerous holes) is located.
6. Determine extent of hole (holes) by using packer & RBP or casing inspection log.
7. Cement squeeze hole (holes) after consulting with NMOC D and gaining their approval of our cementing procedure.
8. Drill out cement.
9. Re-run plastic lined tubing; circulate chemical water in casing/tubing annulus; reset injection packer.
10. Pressure test casing/tubing annulus after notifying NMOC D witness to be on location.
11. Return well to injection if approved.

18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED *Larry Brooks* TITLE Area Supervisor DATE May 17, 1985

APPROVED BY ORIGINAL SIGNED BY LARRY BROOKS GEOLOGIST - NMOC D TITLE \_\_\_\_\_ DATE MAY 22 1985

CONDITIONS OF APPROVAL, IF ANY: