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NEW MEXICO OIL CONSERVATION COMMISSION
HOBBS OFFICE, N. M.

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

MAY 5 8 55 AM '69

5a. Indicate Type of Lease
State <input checked="" type="checkbox"/> Fee <input type="checkbox"/>
5. State Oil & Gas Lease No. B-1167

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 checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER- 2. Name of Operator Southern Petroleum Exploration, Inc. 3. Address of Operator Box 1434, Roswell, New Mexico 88201 4. Location of Well UNIT LETTER D , 660 FEET FROM THE North LINE AND 660 FEET FROM THE West LINE, SECTION 16 TOWNSHIP 22-S RANGE 36-E NMPM.	7. Unit Agreement Name 8. Farm or Lease Name Shell A State 9. Well No. 1 10. Field and Pool, or Wildcat Eunice South
15. Elevation (Show whether DF, RT, GR, etc.) 3574 GR	12. County Lea

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data
NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input checked="" type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>	CASING TEST AND CEMENT JOBS <input type="checkbox"/>	OTHER <input type="checkbox"/>

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.

The well was logged and treated on April 15. Tops picked on the gamma ray-neutron log were: Yates 3128 (+446), Seven Rivers 3310 (+264), Queen 3649 (-75). The casing was perforated in the lower Seven Rivers at 3553, 3556, 3564, 3572, 3575, 3585, 3592, 3602, 3608, 3624, and 3628. These perforations were then treated with 1000 gallons of 15 percent acid followed by 10,000 gallons of gelled brine and 15,000 pounds of 20-40 mesh sand. Average injection rate of the fracture fluid was 16.5 barrels per minute at a pressure of 2600 P. S. I. The instantaneous shut down pressure was 400 P. S. I. and the well went on vacuum in 4-1/2 minutes.

Oil production has increased from 8 BOPD to 12 BOPD and gas has increased from approximately 100 MCF to 500 MCF per day.

Log enclosed.

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

SIGNED <u>B. C. Shick</u>	TITLE District Manager	DATE 5/2/69
APPROVED BY <u>[Signature]</u>	TITLE SUPERVISOR	DATE MAY 5 1969
CONDITIONS OF APPROVAL, IF ANY:		