| Form 3160-5<br>(June 1990) |   | ) STATES                              |                                   |         | CONS COMMISSION   | 19   |
|----------------------------|---|---------------------------------------|-----------------------------------|---------|---|------|
| (Julie 1990)               | DEPARTMEN                                 | IT OF THE INTERIOR                    |                                   | wer l   |   | 0.   |
|                            | BUREAU OF I                               | AND MANAGEMENT                        | [                                 | Artesia | , NM 88210<br>FORMAPPROVED<br>Budget Bureau No. 1004-0135<br>Expires March 31, 1993 |      |
|                            | SUNDRY NOTICES                            | AND REPORTS ON WE                     | LLS                               | 5.      | Lease Designation and Serial No.  |      |
| Do not use this fo         | orm for proposals to drill o              | or to deepen or reentry to a          | a different reservoi              | ir. N   | M10190  |      |
|                            | Use "APPLICATION FO                       | R PERMIT-" for such pro               | posals                            | 6.      | If Indian, Allottee or Tribe Name   |      |
|                            | SUBMIT                                    |                                       | /A                                |         |   |      |
| 1. Type of Well            |   | · · · · · · · · · · · · · · · · · · · |                                   | 7.      | If Unit or CA, Agreement Designa  | tion |
|                            | Gas 🛛 <sub>Other</sub> <u>WIW</u><br>Well |                                       | U                                 | 14      | 1-08-001-11572  |      |
| 2. Name of Operator        |   | 8.                                    | Well Name and No.                 |         |   |      |
| DEVON EN                   | ERGY CORPORATION (NEVAI                   | F                                     | ast Shugart Unit #2               |         |   |      |
| 3. Address and Telephor    | ne No.                                    |                                       | API Well No.                      |         |   |      |
| 20 NORTH                   | BROADWAY, SUITE 1500, OKI                 | AHOMA CITY, OKLAHOMA 73               | 102 (405) 235-3611                | 30      | 0-015-05668 05684   |      |
| 4. Location of Well (For   | otage. Sec., T., R., M., or Survey De     |                                       | Field and Pool, or Exploratory Ar | rea     |   |      |
|                            | ' FEL Sec. B-34-18S-31E                   | s                                     | nugart (Y-SR-Q-G)                 |         |   |      |
|                            |   |                                       |                                   |         | . County or Parish, State   |      |
|                            |   | Ec                                    | ddy, NM                           |         |   |      |
|                            |   |                                       |                                   |         |   |      |
| CHECK A                    | PPROPRIATE BOX(s)                         | TO INDICATE NATUR                     | E OF NOTICE, I                    | REPORT, | OR OTHER DATA   |      |
| TYPE OF S                  | SUBMISSION                                | TION                                  |                                   |         |   |      |
| Notice of Intent           |   | Abandonment                           |                                   |         | Change of Plans   |      |
| Subsequent Report          |   |                                       |                                   |         | New Construction  |      |
| Subsequent Report          |   | Plugging Back                         |                                   |         | Non-Routine Fracturing  |      |
| Final Abandonment          | Notice                                    | Casing Repair                         |                                   |         | Water Shut-Off  |      |
|                            |   | Other                                 |                                   |         | Conversion to Injection   |      |
|                            |   |                                       | <i>u u</i>                        | (Note:  | Report results of multiple completion on We   | n    |

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated and of marting and a state of Completion or Recompletion Report and Log form.) osed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

As authorized by Order No. WFX-664, the following work was completed to convert the FSU #2 to injection: 01-22-95 thru 01-27-95 Pulled rods and pump. Ran 4 3/4" bit to 3100". Ran Baker CIBP, set at 3050'. Ran Baker full bore packer, set at 2900'. Pressure tested CIBP to 1000 psi, held OK. Pulled packer to 2500' and reset. Pumped into Yates perfs at 2 1/2 BPM w/400 psi. POH w/packer. Ran Baker cement retainer.

Dowell sqzd Yates perfs at 2632-2782' w/400 sx Class "C" cement + 1% D-60 (FL) + 2% CaCl<sub>2</sub> + .2% D-46 (defoamer); mixed at 14.8 ppg= 1.32 cf/sx yield. Staged last 10 bbls cement at 1/2 bbl/stage. Pumped 4 1/2 bbls cement and press came up to 2100 psi. Pulled out of retainer. Reversed out 5 1/2 bbls cement. Drld cement retainer at 2500' and cement from 2611-2790'. Pressure tested sqzd Yates perfs at 2632-2782' to 500 psi, held OK. Drld CIBP at 3050'. Pushed CIBP to 3936'. Circ'd hole clean,

Ran nickel-plated Baker Loc-set packer, set at 3200'. Ran stainless steel on-off tool w/"F" profile nipple (1.81") to 3100' on 106 jts 2 3/8" Star 2000 psi FG tbg.

01-28-95 Circ'd hole w/90 bbls packer fluid (fresh water + corr inhib). Engaged on-off tool. Pressure tested csg to 500 psi, held OK for 30 mins. Notified Ray w/NMOCD before test. Chart attached. 02-01-95 Commenced injection at 169 BW w/TP 600 psi in 24 hrs.

|   | itle              | CANDACE R. GRAHAM<br>ENGINEERING TECH. | Date         | e 2/14/95   |
|---|-------------------|--|--------------|---|
| This space for Federal or State office use) Approved by T Conditions of approval, if any:   | itle <sub>.</sub> | ACCEPTED FOR RECORD                    | Date         | e   |
| ite 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make<br>ny matter within its jurisdiction. | to an             | CARESBAD, NEW MEXICU                   | fictitious o | or fraudulent statements or representations as to |