

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

NM OIL CONS COMMISSION

Drawer JD

Artesia, NM 88210

FORM APPROVED

Budget Bureau No. 1004-0135

Expires March 31, 1993

5. Lease Designation and Serial No

LC-029435-

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

NA

8. Well Name and No.

KEEL "A" #19

9. API Well No.

30-015-26769 28040

10. Field and Pool, or Exploratory Area

GRAYBURG-JACKSON

11. County or Parish, State

EDDY COUNTY, NM

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.

RECEIVED

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

SOCORRO PETROLEUM COMPANY

3. Address and Telephone No.

20 NORTH BROADWAY, SUITE 1500, OKLAHOMA CITY, OKLAHOMA 73102 (405)552-4530

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1350' FSL & 1320' FEL, Sec 7-T17S-R31E

OCT 05 '94

O. C. D.
ARTESIA, OFFICE

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other spud new well & set surface casing

- ☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

We spud this well on 8-16-94 (Norton Rig #7). On 8-17-94, we TD'd the surface hole at 519'. We ran 519' of 8 5/8", 24 ppf, J-55, STC surface casing in a 12 1/4" open hole. The casing was cemented to surface using the following cement slurries: 105 sx 35/65 (Lite POZ; Class "C") + 6% D20, Bentonite + 2% CaCl + 1/4 lb/sk cellophane flakes (Slurry weight 12.7 ppg; slurry = 1.93 cft/sk) 200 sx Class "C" + 2% CaCl (Slurry weight 14.8 ppg; slurry = 1.32 cft/sk). We Circulated 67 to pit.

On 8-20-94, a severe water flow, estimated at 30 BPM, was encountered in the salt section at 1048' making further drilling operations impossible. A string of 4 1/2", 11.6 pps J-55 csg was set at 1047' and cemented in 2 stages with a total of 1150 sx of Class "H" cement. An external csg packer was set at 668'. The cementing stage tool at 666'. A temperature survey indicated top of cement entered the 4 1/2" X 8 5/8" annulus at 75' from surface. Water flows were completely shut off after completion of first cementing stage. This well will be utilized as a monitor well. A subsequent report will be submitted detailing future activity at this well.

14. I hereby certify that the foregoing is true and correct.

Signed JO ANN HOOKS

Title ENGINEERING TECHNICIAN

Date August 25, 1994

(This space for Federal or State office use)

Approved by

Conditions of approval, if any:

Title

Date