

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SEP - 1 1993

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

AUG 20 11 25 AM '93

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

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☐ Gas Well ☒ Other **WIW**

2. Name of Operator

SOCORRO PETROLEUM COMPANY

3. Address and Telephone No.

P.O. BOX 33, LOCO HILLS, NEW MEXICO 88255 (505) 677-3223

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

660' FNL - 660' FEL, SEC 8, T17S, R31E

5. Lease Designation and Serial No.

LC 029435-B

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

J.L. KEEL "B" #12

9. API Well No.

30-015-05111

10. Field and Pool, or Exploratory Area

GRAYBURG JACKSON

11. County or Parish, State

EDDY, NM

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
☐ 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.)*

7/19/93 RU. Unset pkr and POH w/99 jts 2-3/8" tbg. RIH w/pkr, SN and 99 jts 2-3/8" tbg. Test tbg to 1000#. Set pkr @ 3026'. Press test csg to 300#. Csg would not hold.
7/20/93 Found leak in 7" csg @ 250' from surface.
7/22/93 RIH w/2-3/8" tbg, 7" csg scraper and 6-1/4" bit to 2937'. POH. RIH w/string shot and back off csg at 457.08'. Lay down 14 jts 7" csg. Found 16" split just above pin end of 9th jt.
7/23/93 Sandblast and clean exterior of 7" csg. Ran csg into well and screw into 7" csg collar at 457.08'. RIH w/2-3/8" tbg and 7" model "R" pkr. Set pkr at 497' and press test 2-3/8" x 7" csg annulus to 500# for 15 min. Held ok. POH with 2-3/8" tbg and pkr. RIH with 4-1/4" bit, six 3-1/8" drill collars, x-over sub and 2-3/8" tbg. RIH to top of 5" csg liner at 2937'.
7/24/93 Tag fill @ 3160.59, 72.59' below top perforations. Clean well to PBTD @ 3719'.
7/26/93 Rig up hydrostatic tbg testers. RIH with 99 jts 2-3/8" tbg. Test each jt to 4000#. Set pkr @ 3063' in 15,000# tension. Test csg annulus to 300# for 30 min. Held ok. Acidize Grayburg and San Andres perms 3088'-3653' (total 200 holes) with 3000 gal 15% NEFE acid. Drop 3 salt blocks. Had good blocking action with each block. Max inj press 3050# w/avg press 2700#. Max rate 5 BPM w/avg rate of 4 BPM. ISIP 2270#. Turn well to working pit, had good flow back. Recovered total load of 150 bbls of flush and acid wtr. Took scale sample to be analyzed. Found it consists of calcium carbonate and iron sulphide. Pump one drum of csg pack fluid corrosion inhibitor down 7" x 2-3/8" annulus. Pack well off, test csg annulus to 300# for OCD.

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

Signed

Title

PRODUCTION MANAGER

Date

8/19/93

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

ACCEPTED FOR RECORD

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

CARLSBAD, NEW MEXICO