

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

RECEIVED

SEP - 8 1993

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

5. Lease Designation and Serial No.  
LC 029426-B

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

H.E. WEST "B" #55

9. API Well No.

30-015-27111

10. Field and Pool, or Exploratory Area

Grayburg Jackson Pool

11. County or Parish, State

Eddy Co., NM

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

SOCORRO PETROLEUM COMPANY

3. Address and Telephone No.

P.O. BOX 37, LOCO HILLS, NM 88255 (505) 677-3223

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

1972' FSL & 2078' FWL, Sec 3-T17S-R31E

12. CHECK APPROPRIATE BOX(es) 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 PERF, ACID-FRAC
- ☐ 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.)\*

8/01/93 Well pumped 13 BW and 295 BW from Jackson perfs 3825'-4101'.

8/07/93 RIH set plug @ 3600'. Test to 3000#. Held ok. Spot 350 gal acid. Perf Premier Sand 3479'-3552' (total 15 holes), Metex Sand 3418'-3444' (total 6 holes), Loco Hills Sand 3389'-3395' (total 4 holes), and Grayburg Sand 3414'-3445' (total 3 holes). SWI to let acid soak.

8/08/93 RIH. Set pkr @ 3089'. Acidize Grayburg 3552'-3414' (total 28 holes) w/4800 gal 15% NEFE acid. Max press 2800#, AIR 3.25 BPM, avg press 2600#, ISIP 2300.

8/09/93 Swab Premier Sand, Metex Sand, Loco Hills Sand and Grayburg Sand perfs 3414'-3552' (total 28 holes). Made a total of 9 swab runs. Had 300' fluid entry 20% oilcut. Isolate Premier Sand perfs 3479'-3552'.

- 8/10/93
- 1) RIH tag fluid @ 3200' had 250' entry over night from Premier Sand perfs 3552'-3479' (total 15 holes). Had 30% oilcut.
  - 2) Swab Metex Sand perfs 3444'-3418. Had 250' 30 min with 25% oilcut.
  - 3) Swab Loco Hills Sand perfs 3395'-3389' (total 4 holes). Had 500' fluid entry 30 min with 15% oilcut.
  - 4) Swab Grayburg Sands perfs 3345'-3314' (total 3 holes). Swab dry. No fluid entry. SI for the night.

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

Signed

Title PRODUCTION MANAGER

Date AUGUST 25, 1993

(This space for Federal or State office use)

Approved by

Conditions of approval, if any:

Title

Date

- 8/11/93 RIH w/swab. Tagged fluid @ 3230'. No fluid entry into Grayburg Sand perfs 3314'-3345' overnight. RIH with tbg pkr and RBP. Shut well in.
- 8/12/93 Set RBP @ 3650' and test to 4000#. Circulate hole clean w/2% KCL water total of 110 bbls. Press test surface lines to 4000#. Frac Grayburg Sand perfs 3314'-3552' (total of 28 holes) down 5-1/2" x 2-3/8" csg annulus w/37,000 gal crosslinked gel carrying 73,000# 16/30 mesh sand. Max press 3830#, avg press 3520#, min press 2843#, AIR 16.36 BPM, ISIP 3044#.
- 8/13/93 Circulate well clean. RIH rods and tbg. Hang well on.
- 8/22/93 Well pumped 12 80 and 230 BW.