

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 to enter a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

SOCORRO PETROLEUM CO.

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)

720' FSL, 1980' FWL, Sec 3-T17S-R31E Unit N

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" #44

9. API Well No.

30-015-26574

10. Field and Pool, or Exploratory Area

Grayburg Jackson Pool

11. County or Parish, State

Eddy Co., New Mexico

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 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.)*

10/22/93 RU. RIH w/perf gun. Gun stuck in casing after perf 3502'-3542'. Pulled wire line out of rope socket. Pickup 4-1/8" overshot w/3-3/4" bumper sub and 2-7/8" tbq. RIH caught perforating gun. POH found tight spot in casing where gun had perforated @ 3501'. POH and lay down perforating gun. RU and finish perforating Grayburg zones as follows: Grayburg Sand 3288-3299', Grayburg Sand 3312'-3326', Loco Hills Sand 3366'-3375', Metex Sand 3397'-3411', Metex Sand 3419'-3427', and Premier Sand 3498'-3542' (total of 406 holes). SWI SDON.

10/23/93 1) Pickup 5-1/2" casing scraper and 4-3/4" bit. RIH w/scraper and 2-7/8" tbq. Run thru bad spot in casing @ 3501'. POH and lay scraper down. Pickup 4-3/8" string mill. RIH w/string mill and 2-7/8" tbq. Dress off bad spot in casing @ 3501'. POH and lay down string mill.

2) Pickup 5-1/2" RBP and pkr. RIH w/RBP, pkr and 2-7/8" tbq. Set @ 3649' and test to 2000#. Held OK. Release pkr and move up hole and set @ 3197'. RU.

3) Acidize Grayburg perms 3288-3545' (total of 433 holes) with 4500 gal 7-1/2% NEFE acid. ISIP 2770#, max press 3200#, min press 2850#, avg press 2900#, AIR 6 BPM,

4) Flow well to tank. Well flowed a total of 35 bbl load of water. SWI.

CONTINUES OF THE BACK OF THIS PAGE

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

Signed

Title PRODUCTION MANAGER

Date 11/10/93

(This space for Federal or State office use)

Approved by

Conditions of approval, if any:

Title

ACCEPTED FOR RECORD

NOV 18 1993

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

- 10/24/93 Well had 200# on tbg. Flowed well down. Flowing oil and acid water. Swab Grayburg zone - perf 3288'-3545' (433 holes). Pkr set @3197', RBP set @ 3649'. 1st swab run found FL 100' FS. Made total of 12 swab runs. Swab fluid level down to 2800' FS. Rec 102 bbl total fluid having 4% oilcut. Final swab run found 900' of fluid entry. Release pkr. POH w/tbg and pkr. SWI SD.
- 10/25/93 Change out 2-7/8" rams for 2-3/8" rams in BOP.
- 1) RBP set @ 3649' and tested to 2000#. Test BOP to 3000#. Stand 2-7/8" tbg back in derrick.
 - 2) PU & RIH w/2-3/8" monitoring string to 3616' with blast joint at surface in well head.
 - 3) Circulate hole clean w/2% KCL water.
 - 4) Press test surface lines to 5000#.
 - 5) Frac Grayburg perms 3288'-3545' (total of 433 holes) down 5-1/2" x 2-3/8" csg annulus w/30,000 gal K-1 fluid carrying 78,000# 16/30 mesh sand. K-1 fluid consisted of 67% by volume crude oil and 33% by volume gelled water.
 - 6) Max press 4088#, avg press 2950#, min press 3021#, AIR 20 BPM, ISIP 2984#. 878 total bbl load to recover of which 500 bbl is lease crude.
- 10/26/93 SI tbg press 1600#. Start flowing well to frac tank. Well flowed down in 3 hrs, recovered 100 bbls of load. POH w/2-3/8" monitoring string & lay down. Pick up 2-7/8" tbg and retrieving tool. Tagged sand @ 3616' (35' of fill). RU pump truck. Circulate well clean to top or RBP @ 3649'. RD pump truck. Release RBP and pull out of hole to 2600'. SWI SD.
- 10/27/93 Finish pulling out of hole w/tbg and RBP. Lay down RBP. RIH w/production string of 2-7/8" tbg. Remove BOP and flange well head up. RIH w/pump and rods. Hung well on.
- 10/28/93 Pump 12 hours. 20 BO and 200 BW.
- 10/29/93 Pump 24 hours. 28 BO and 193 BW.