

CLSF

Form 3160-5  
(June 1990)

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

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  
NA

7. If Unk or CA, Agreement Designation  
NA

8. Well Name and No.  
H.E. WEST 'B' #53

9. API Well No.  
30-015-27148

10. Field and Pool, or Exploratory Area  
GRAYBURG-JACKSON POOL

11. County or Parish, State  
EDDY, NEW MEXICO

1. Type of Well  
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator  
SOCORRO PETROLEUM COMPANY

3. Address and Telephone No. JAN 24 1994  
P.O. BOX 37, LOCO HILLS, NEW MEXICO 88255 (505) 677-3223

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
1350' FNL & 1250' FEL, SEC 9, T17S, R31E UNIT H

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 PERF, ACIDIZE & 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.)

11. 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.)

11-12-93 MRO well service unit. RIH with 4-3/4" bit and scraper to clean 5-1/2" csg to 3500'. Perforate in acid the following Grayburg section: 3228'-3238', 3282'-3290', 3318'-3332', 3344'-3348', 3360'-3364', 3392'-3394', 3418'-3420', 3434'-3438' (total of 192 holes). Pick up 5-1/2" RBP and pkr. RIH. Set RBP @ 3490'.

11-13-93 Rig up to acidize. Set pkr @ 3450', test RBP set @ 3490' to 3150'. Circulate well clean with 10#/gal brine. Pull up set pkr @ 3150'. Test csg, well head and BOP to 3000#. Trap 1000# pressure on csg annulus. Acidize well with 5250 gal 7-1/2% NEPE acid. Drop 5 salt blocks mixed in gelled brine, total of 1150# of salt. Had good blocking action through out job. Max treating pressure 3170#, avg pressure of 2930#, AIR 6.5 B/M, ISIP 2070#. Turn well to lined pit. Blew well down. Recover 10 bbl load water. Rig up. Swab back 22 bbl load to S/N at 3150'. Wait 30 minutes had 500' feed in. Flow to tank on 20/64" choke. SWI.

11-15-93 Open well to tank on 20/64" choke had small flow. Swab perfs 3228' to 3420'. Recover 24 bbl load water 0% oil cut. Release pkr, RIH set pkr @ 3380' swab Premier perfs 3392'-3438'. Recover 24 bbl load water, 0% oil cut. Swab to S/N @ 3380' wait 30 minutes, no fluid entry. Release pkr and RBP. RIH to 4100', circulate well clean. PU and set RBP @ 3450' test to 2500#. POH. Start RIH w/2-3/8" tbg. SWI.

11-16-93 1) SITP 250#. Flow well down. Finish RIH w/2-3/8" monitoring string to 3248' with blast joint at surface.  
2) Circulated hole clean w/brine water.  
3) Test surface lines to 4600#.  
4) Frac Grayburg perfs 3228-3438' (total of 192 holes) down 5-1/2" x 2-3/8" csg annulus w/48,000 gal (1,338 gal 2% KCL and 46,662 gal K-1 Fluid) carrying 85,931# 16/30 mesh sand. K-1 fluid (67% volume crude oil and 33% volume gelled water).  
5) Max press 4020#, avg press 3900#, min press 3029#, AIR 21 BPM, ISIP 2618#. 1111 total bbl load to recover. Flow well back @ 1/4 BPM until closure @ 2300#. SWI SD.

Continued on Back

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

Signed

Title

PRODUCTION MANAGER

Date

12-20-93

(This space for Federal or State office use)

Approved by

Title

Conditions of approval, if any:

ACCEPTED FOR

Date

JAN 19 1994

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

- 11-17-93 Open well w/2100# SITP to frac tank. Flow 200 bbl load on 1" choke. Well stopped flowing sand. Installed adjustable choke. Flow well on 23/64" choke. Well flowing with 150# FTP.
- 11-18-93 Well flow to frac tank in 24 hours, 148 BO and 281 BW. FTP 50#-200# on 23/64" choke. Rig up pump truck and circulate well with 80 bbls brine water. RIN, tag frac sand @ 3438'. Rig up pump truck, wash frac sand to RBP @ 3450'. Release plug, POH, and lay 2-3/8" tbg and RBP down. RIN with 2-7/8" tbg. Leave well open to frac tank
- 11-19-93 Flow 14 hours recovered 0 BO and 40 BW. Well had 200# on csg. Blow well down to tank. Remove BOP and install well head. RIN w/pump and rods. Left well pumping.
- 11-29-93 MIRU pulling unit to change BHA to prevent gas locking. POH with rods and tbg. RIN. Set tbg below perms. Left well pumping.
- 11-30-93 Pump 16 hours. 12 BO and 30 BW.
- 12-08-93 First day of production after recovering load. Pump 24 hours. 23 BO and 49 BW.