

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

N.M. Oil Cons. Division  
1625 N. French Dr.  
Hobbs, NM 88240

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well

☐ Gas Well

☒ Other

INJECTION

2. Name of Operator

APACHE CORPORATION

3a. Address

6120 SOUTH YALE, SUITE 1500 TULSA, OK 74136-4224

3b. Phone No. (include area code)

918-491-4957

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

SEC. 13, T21S-R37E 1980' FSL, 1980' FWL UNIT K

5. Serial No.

LC-032096B

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

LOCKHART B-13A #4

9. API Well No.

30-025-06558

10. Field and Pool, or Exploratory Area

SAN ANDRES

11. County or Parish, State

LEA COUNTY, NM

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

TYPE OF SUBMISSION

TYPE OF ACTION

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

- ☐ Acidize  
☐ Alter Casing  
☐ Casing Repair  
☐ Change Plans  
☐ Convert to Injection  
☐ Deepen  
☐ Fracture Treat  
☐ New Construction  
☐ Plug and Abandon  
☐ Plugback  
☐ Production (Start/Resume)  
☐ Reclamation  
☐ Recomplete  
☐ Temporarily Abandon  
☐ Water Disposal

- ☐ Water Shut-Off  
☐ Well Integrity  
☒ Other CO, RUN  
LINER, ACIDIZE &  
REPLACE TUBING

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

01/11/02 Test anchors. MIRU SU. Rel pkr & poh w/ 143 jts 2 3/8" J-55 IPC tbq. SDFWE.

01/14/02- DO & CO. Tag @ 4683'. Clean to PBTD @ 5130'. POH w/ shoe & WP. RIH w/ csg scraper to 4500'. RIH w/  
01/22/02 pkr to 4423'. Set pkr & test csg @ 500# for 15 mins. Est inj rate down tbq of 2 1/2 bpm & 1000#. Prep to run  
4" liner 1/24/01. SDFN.

01/24/02 Tag fill @ 4780'. Mill to PBTD @ 5130'. POH. RIH w/ 4" flush jt liner. Set shoe @ 5126', top of hanger @ 4457'.  
RU BJ. Pump 20 BW to establish rate. Cmt 4" csg in 5 1/2" prod csg w/ 30 sx Class C neat cmt @ 2 BPM & 540#.  
Flush w/ 33 BFW. Rel from liner. POH. SDFWE.

01/28/02 RIH w/ 4 3/4" bit on 2 7/8" tbq. Tag top of liner @ 4457'. POH. RIH w/ 3 1/4" bit on 2 1/16" tbq. Tag float collar @  
5086'. DO float collar & cmt to 5123'. Circ well clean. POH. Prep to perf & acidize. SDFN.

01/29/02 RU Computalog. RIH w/ 2 1/2" gun & perf San Andres interval @ 4505-35', 4608-15', 4628-50', 4690-97', 4755-95',  
4960-72', 4992-5004', 5020-32', 5045-60', 5100-10'. RD Computalog. RIH w/ pkr on 2 7/8 " tbq set pkr @ 4423'.  
Acidize interval w/ 4000 gals 15% BXDX HCL diverted w/ 1000# RS @ 6.5 BPM & 2500# ATP. (Continued on back)

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

Name (Printed/Typed)

Kara Coday

Title

Sr. Engineering Technician

Signature

*Kara Coday*

Date

8/19/2002

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

(ORIG. SGD.) DAVID R. GLASS

Title

Conditions of approval, if any, are stated. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make 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.

GWW

01/29/02 continued

Max press 2650#. 1st RS block 500# - press increase 150#, 2nd block 500# - 100# increase. Flush w/ 36 bbls KCL. ISIP - 1600#, 5 min - 1600#, 10 min - 1500#, 15 min - 1450#. Bleed off press. RD Petroplex. SDFN.

1/30/2002 POH w/ pkr. RIH w/ 2 7/8" & 2 1/16" tbgs. POH LD rental strings. RIH w/old 2 3/8" IPC string. SDFN.

1/31/2002 POH LD 2 3/8" IPC tbgs. Set new 2 7/8" on racks. RIH w/ AD-1 pkr, set pkr @ 4441'. Load backside. SDFN.

2/1/2002 Rel pkr & ld 1 jt. Set pkr @ 4409'. Load & test. Csg held. RDSU. Leave well injecting 1200 BPM @ 700#. Final report.

01/31/02

01/31/02