

UNITED STATES
 DEPARTMENT OF THE INTERIOR
 GEOLOGICAL SURVEY

 SUBMIT IN TRI (SEE*
 (Other instruction on re-
 verse side)

 Form approved by
 Budget Bureau, No. 42 13424
 U. S. LEASE DESIGNATION AND SERIAL NO.

NM-15670

U. S. INDIAN, ALLOTTEE, OR TRAIL NAME

SUNDAY NOVEL AND REPORTS ON WELLS

 (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
 Use "APPLICATION FOR PERMIT" for such.)

RECEIVED

JAN 6 1981

 U.S. GEOLOGICAL SURVEY
 ARTESIA, NEW MEXICO

JAN 09 1981

 C. L. [] CAR []
 WELL [] OTHER []

NAME OF OPERATOR

Gulf Oil Corporation/

ADDRESS OF OPERATOR

P. O. Box 670, Hobbs, NM 88240

 LOCATION OF WELL (Report location clearly and in accordance with any State requirements.
 See also space 17 below.)

1680' FNL & 1980' FWL

12. COUNTY OR PARISH

13. ELEVATION (Show whether FNL, EL, GR, etc.) ARTESIA

3228' GL

1. UNIT AGREEMENT NAME

2. TERM OR LEASE NAME

Cardenas Federal Com

3. WELL NO.

1

4. FIELD AND TOWN, OR WILDCAT

Bone Springs

11. SEC., T., R., M., OR L.R. AND SURVEY OR AREA

Sec 29-T20S-R28E

12. COUNTY OR PARISH 13. STATE

Eddy

NM

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

1. T. WATER SHUT-OFF

PULL OR ALTER CASING

WATER SHUT-OFF

REPAIRING WELL

2. FRACTURE TREAT

MULTIPLE COMPLETE

FRACTURE TREATMENT

ALTERING CASING

3. SHOOT OR ACIDIZE

ABANDON*

SHOOTING OR ACIDIZING

ABANDONMENT*

4. PLUG WELL

CHANGE PLANS

(Other)

Plug back

(Other)

(NOTE: Report results of multiple completion or Well Completion or Recapture Report and Log form.)

(If well is to be plugged or abandoned, clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is to be plugged or abandoned, give locations and measured and true vertical depths for all markers and zones pertinent to this work.)

POH with production equipment. Set CIBP at 9000', cap with 35' cement. Perf 6400' with (4) 1/2" JHPF (8 holes). Pump into perf. Set cement retainer at 6,359', pump 1000 gals mud flush with 2% KCL water. Cement with 300 sacks Class "H" with 2% CaCl₂. TSTOC 4970'. Perf 5842-46', 5852-56', 5860-64', 5872-76' with (5) 1/2" o-phase burrless decent JHPF. Spot 15% NEFE double inhib acid 5876'-5790'. ISIP 500#, 5 min 400#. Acidize with 3200 gals slick 15% NEFE HCL and (24) RCNB's. Flush w/8.6# slick water. Max pres 1750#, avg 1400#, ISDP 750#, 5 min 600#, 10 min 550#, 15 min 550#. Set cement retainer at 5800', cement with 75 sacks Class "H" neat. Perf 5740-60' with (1) 1/2" burrless JHPF (20 holes). Spot 20% NEFE DI HCL; ISIP 500#, 5 min 200#. Acidize with 2000 gals 20% NEFE DI, 15 balls. Max pres 2650#, min 2500#, avg 2600#, 7.4 BPM, ISIP 1000#, 15 min 700#. Complete after unsuccessful complete attempt in Bone Springs 12-30-80. CI pending well study.

ACCEPTED FOR RECORD

JAN 8 1981

 U.S. GEOLOGICAL SURVEY
 ROSWELL, NEW MEXICO

I hereby certify that the foregoing is true and correct.

SIGNED

R.D. Pitre

TITLE

Area Engineer

DATE

1-5-81

(This space for Remarks or Other Comments)

APPROVED BY

SIGNATURE OF APPROVAL, IF ANY:

TITLE

DATE