WATER SHUT-OFF

## UNITED STATES DEPARTMENT OF THE INTERIOR (Other instructions on re-

SUBMIT IN TRIPLICATE.

GEOLOGICAL SURVEY  SUNDRY NOTICES 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 proposals.)		LC-028992-e  G. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR  General American Oil Company of Texas	AUG 3 0 1977	8. FARM OR LEASE NAME Arnold "E"	
P. O. Box 416 Loco Hills, New Mexico		9. WELL NO.	
4. LOCATION OF WELL (Report location clearly and in accordance with any State Table of the See also space 17 below.)  At surface		10. FIELD AND POOL, OR WILDCAT Fren	
990' FML and 990' FEL Sec. 23,	T-17S, R-30E	11. BBC., T., R., M., OR ABBA Sec. 23, T-1	
14. PERMIT NO. 15. ELEVATIONS (Show whether DF, RT, GR, etc.)		12. COUNTY OR PARISH 13. STATE	
3664	' GL	Eddy	New Mexico
16. Check Appropriate Box To Indica		or Other Data	
	1	pundoner engage on .	

FRACTURE TREAT MULTIPLE COMPLETE FRACTURE TREATMENT ALTERING CASING SHOOT OR ACIDIZE ABANDON\* SHOOTING OR ACIDIZING ABANDON MENT\* REPAIR WELL CHANGE PLANS (Norg: Report results of multiple completion on Well Completion or Recompletion Report and Log form.) (Other)

17. 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.)

1. Spuid well 1 June 13 1077

1. Spud well June 13, 1977.

TEST WATER SHUT-OFF

Ran 9-5/8" OD 36# casing and set at 470' KB as follows:

PULL OR ALTER CASING

AUG 25 1977

a. Volume of cement equalled 198 cubic feet (150 sacks). Brand of cement was Southwestern Class "C" with 2% CaCl. U.S. GEOLOGICAL SURVEY

Approximate temperature of cement slurry was 72°. c.

ARTESIA, NEW MEXICO

REPAIRING WELL

- Formation temperature was 64°.
- After standing cemented 9 hours compressive strength was 800#. Pressure tested to 400#. Tested OK.
- Drilled out cement after standing 18 hours.
- Ran 7" OD 23# casing to 2095' KB and cemented with 200 sacks cement. 3.
- We perforated as follows: 1957'-1961' (12); 1986'-1988' (6); 1990'-1993' (9).
- Fractured from 1957'-1961' with 20,000# sand and 20,000 gallons water. Fractured from 1986'-1993' with 20,000# sand and 20,000 gallons water.

18. I hereby certify that the foregoing is true and correct SIGNED LENGEL Haukins	TITLE Assist. Field Superintenden	t <sub>DATE</sub> August 24, 1977
(This space for Federal or State office use)  APPROVED BY CONDITIONS OF APPROVAL, IF ANY:	TITLE ACTING DISTRICT ENGINEER	DATE AUG 2 9 1977