

APPROVED **MAR 17 1954**
(Orig. Sgd.) **JOHN A. FROST**
DISTRICT ENGINEER

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office **Las Cruces**
Lease No. **027784-0**
Unit **Early 6**

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....
NOTICE OF INTENTION TO CHANGE PLANS.....	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....	SUBSEQUENT REPORT OF ALTERING CASING.....
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....	SUBSEQUENT REPORT OF REDRILLING OR REPAIR.....
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....	SUBSEQUENT REPORT OF ABANDONMENT.....
NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUBSEQUENT REPORT OF ABANDONMENT.....
NOTICE OF INTENTION TO ABANDON WELL.....	SUBSEQUENT REPORT OF ABANDONMENT.....

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Laos Hills, N.M. **March 10** **54**
19

Well No. **16** is located **1980** ft. from **///** line and **1980** ft. from **///** line of sec. **26**
NE 1/4 Sec. 26 **175** **29E** **34N**
(Field) (County or Subdivision) (State or Territory)
Grayburg, Texas **1975** **New Mexico**

The elevation of the derrick floor above sea level is _____ ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

RECORD OF PRODUCTION PRIOR TO WORKOVER: Flowed & NPD
RECORD OF TREATMENT: 2-8-54 Pailed 2" HSE tubing, ran Laos-Hills radioactivity survey from 3015' to surface. Perforated with 9 1/2" bullets 2471 to 2492'. 2-9-54 Ran straddle packer on 2 1/2" HSE tubing with backfill at 2502'; meter packer at 2454; and hydraulic anchor; mudded dry. 2-10-54 After standing 16 hrs. mudded 150' oil. Treated with 500 gals. HSE. Max. inj. pressure 2050 psig at end of flush, 1100 psig. Total inj. time 10 min. flushed with 16 HSE. After 3 hrs. mudded dry. 2-11-54 After standing 16 hrs. mudded 150' oil. Break formation down with 24 HSE. Increased at 2050 psig. Fractured with 3000 gals. hydrofrac containing 2% sand per gal. followed by 40 HSE. breaker fluid. Flushed with 33 HSE. Max. inj. pressure 1900 psig, dropping to 1100 psig. when pump shut down at end of flush. Total inj. time. 17 min. Load oil to recover 197 HSE.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

GENERAL AMERICAN OIL CO. OF TEXAS

Company **F.O. BOX 416**
Address **LAOS HILLS, N.M.**

By **R. J. Heard**
Title **J. J. Heard, Field Supt.**

Keely C-16 Subsequent Report of Hydrafrac Treatment

RESULTS OF TREATMENT: 2-12-54 Left shut in 23 hrs. 675 psig on tubing
when opened at 11:00 AM.

2-13-54 Flowed 40 BO in 18-1/2 hours.

SUBSEQUENT FLOWING TESTS: 2-14-54 Pulled swab 4 times and scrubbed 30 BO.
Started flowing and flowed 79 BO in 20 hrs.

2-15-54 Flowed 33 BO.