Form 9-331a
(Feb. 1951)

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

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Budget Bureau 42-R358.2.
Approval expires 12-31-52.

Land Office Las Cruces
Lease No. 026784-C
Unit Keely C

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		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL		Subsequent report of Hydrafrac Treat.	X

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

Loco Hills, N.M. March 10, 19 54

Well No. 16 is located 1980 ft. from {N/S} line and 1980 ft. from {E/W} line of sec. 26

NE/4 SW/4 Sec. 26 (¼ Sec. and Sec. No.) 17S (Twp.) 29E (Range) NMPM (Meridian)

Grayburg-Jackson (Field) Eddy (County or Subdivision) New Mexico (State or Territory)

The elevation of the derrick floor above sea level is 3575 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 6 BOPD
RECORD OF TREATMENT: 2-8-54 Pulled 2" EUE tubing, ran Lane-Wells radioactivity survey from 3035' to surface. Perforated with ½- 15/32" bullets 2471 to 2491'.
2-9-54 Ran straddle packs on 2-1/2" EUE tubing with hookwall at 2502'; anchor packer at 2454; and hydraulic anchor; Swabbed dry.
2-10-54 After standing 16 hrs. swabbed 150' oil. Treated with 500 gals. MSA. Max. inj. pressure 2050 psig; at end of flush, 1100 psig. Total inj. time 10 min. flushed with 16 BO. After 3 hrs. swabbed dry.
2-11-54 After standing 16 hrs. swabbed 150' oil. Broke formation down with 24 bbls. kerosene at 2050 psig. Fractured with 3000 gals. hydrafrac containing 2# sand per gal. followed by 60 bbls. breaker fluid. Flushed with 33 BO. Max. inj. pressure 1900 psig, dropping to 1100 psig. when pumps shut down at end of flush. Total Inj. time. 17 min. Load oil to recover 197 bbls.

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

Company GENERAL AMERICAN OIL CO. OF TEXAS

Address P.O. BOX 416

LOCO HILLS, N.M.

By R. J. Heard

Title R. J. Heard, Field Supt.

U. S. GOVERNMENT PRINTING OFFICE 16-8437-4

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 swabbed 30 BO. Started flowing and flowed 79 BO in 20 hrs.

2-15-54 Flowed 33 BO.

Keely C-16   Subsequent Report of Hydrafrac Treatment

RESULTS OF TREATMENT: 2-12-54 Left shut in 23 hrs. 475 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 Failed swab 4 times and swabbed 75 BO. Started flowing and flowed 79 BO in 20 hrs.

2-15-54 Flowed 33 BO.