

Form 9-381a  
(Feb. 1951)

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

(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office Las Cruces  
Lease No. 028764-C  
Unit Kealy 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 RE-DRILLING 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	<u>Subsequent Rpt. on Hydracrac Treat.</u> <b>X</b>

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

Loco Hills, New Mexico. March 11, 1954

Well No. 21 is located 660 ft. from SW line and 660 ft. from W line of sec. 26

SW/4 SW/4 Sec. 26 17-S 29-E NMPH  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
Grayburg-Jackson Eddy New Mexico  
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 3568' 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 18.48 BOPD from San Andres.

RECORD OF WORKOVER TREATMENT:

- 2-24-54 Ran Lane-Wells radioactivity survey from 2909 to surface. Perforated with 98 - 15/32" bullets from 2516' to 2496'.
- 2-25-54 Ran straddle packer on 2-1/2" EUE tubing with hookwall packer at 2528'; anchor packer at 2480' with H1 Hydraulic anchor. Swabbed dry.
- 2-26-54 Ran swab & recovered 20' of oil from 2-1/2" EUE. Treated with 500 gals. MCA. Maximum injection pressure 1200 psig; total injection time 10 min. Flushed with 15 BO. After 3 hrs swabbed oil flush & acid water
- 2-27-54 After standing 16 hrs. ran swab and recovered 45' of oil from 2-1/2" EUE. Broke formation down with 24 bbls. kerosene @ 1800 psig. Fractured with 3,000 gals. hydrafrac containing #2 sand per gal. followed by 64 bbls. breaker fluid. Flushed with 33 BO. (Continued)

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 COMPANY

Address P.O. BOX 416  
LOCO HILLS, NEW MEXICO

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



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SUBSEQUENT REPORT OF HYDRAFRAC TREATMENT.

RECORD OF WORKOVER TREATMENT: (Continued)

2-27-54 Maximum injection pressure 2500 psig.; at end of flush 1800 psig;  
(Con't) dropping to 1100 psig after stopping pump. Total injection time  
26 minutes. Load oil to recover, 198 bbls.

RESULTS OF TREATMENT:

2-28-54 Opened at 11 AM after shut in 24 hrs. SIP 300 psig.  
3- 1-54 Flowed 11 BO in 19 hrs. Pulled swab 5 times recovered 36 BO. Well  
kicked off and started flowing.

SUBSEQUENT FLOW TESTS:

3- 2-54 Flowed 162 BO in 21 hrs. Equals 17 bbls. NET oil.  
3- 3-54 Flowed 6 BO in 1-1/2 hrs. Shut-in 3 hrs to start stopcock flows.  
Flowed 70 BO stopcocking 4 - 3 hr. flows.

