

(SUBMIT IN TRIPLICATE)

Land Office Las Cruces

Lease No. 028721-C

Unit Koaly C

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

APPROVED APR 7 1954  
*R. J. Heard*  
DISTRICT ENGINEER

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. of Fracture-gal treat.</u>

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

Leas Hills, N.M. March 29 19 54

Well No. 15 is located 1980 ft. from M line and 660 ft. from W line of sec. 26

SW/4 Section 26  
(1/4 Sec. and Sec. No.)

17-S  
(Twp.)

29-E  
(Range)

100N  
(Meridian)

Grayburg-Jackson  
(Field)

Edly  
(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 9.45 BOPD from San Andrs.

RECORD OF WORKOVER TREATMENT:

- 3-11-54 2m Lane-Wells radioactivity survey from 3052' to surface. Perforated with 85 - 15/32" bullets from 2448' to 2466'.
- 3-12-54 2m straddle packer on 2-1/2" NBE tubing as follows: Guiberson type KV-30 at 2476'; anchor packer at 2439' with H-1 hydraulic anchor.
- 3-13-54 Lower packer leaking. Pulled tubing repaired leak and re-ran to same depth. Swabbed dry.
- 3-15-54 2m scrub and recovered 30' of oil from 2-1/2" NBE. Treated with 500 gals. mud acid. Maximum injection pressure 1700 psig; at end of flush, 1200 psig. Total injection time 8 minutes. Flushed with 14-1/2 BU. Swabbed oil flush and acid water.

(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 Co. of Texas

Address Box 416

Leas Hills, N. M.

RECEIVED  
MAR 31 1954  
GEOLOGICAL SURVEY  
ARTESIA, NEW MEXICO

By R. J. Heard

Title R. J. Heard, Field Supt.

KEELY C-15

Subsequent Rpt. of Fracture-gel Treatment.

RECORD OF WORKOVER TREATMENT: (Continued)

3-15-54 Ran swab and recovered no fluid. Broke down formation with 1500 gals. kerosene. Maximum injection pressure 1950 psig. Fractured with 3,000 gals. Western fracture-gel containing 2# sand per gallon, followed by 72 bbls. breaker fluid. Flushed with 33 BO. Max. Inj. Press. 2200 psig; at end of flush, 1600 psig, dropping to 1050 psig on stopping pump. Total inj. time 28 minutes. Load cell to recorder 213 bbls.

RESULTS OF TREATMENT:

3-16-54 Opened at 11:30 AM after shut-in 24 hrs. SIP 775 psig.  
3-17-54 Flowed 52 bbls. in 20 hrs.  
3-18-54 Pulled swab 5 times and recovered 30 bbls.  
Kicked off and flowed 95 bbls.

SUBSEQUENT TESTS:

3-19-54 Flowed 47 BO. Equals 11 bbls. net oil.  
3-20-54 Flowed 35 BO stopcocking 4 - 3 hr. flows.  
3-21-54 Flowed 27 BO stopcocking 4 - 3 hrs. flows.  
3-22-54 Flowed 26 BO stopcocking 4 - 3 hr. flows.

(Continued) SUMMARY OF OPERATIONS

3-15-54 Well sweep and recovered no fluid. Break down formation with 1000 gal. water. Maximum injection pressure 1000 psig. Fractured with 2000 gal. water. Western Fracturing-Well containing 25 sand per gallon, followed by 75 gal. breaker fluid. Flashed with 25 gal. water. Max. inj. pressure 2200 psig; at end of flow, 1800 psig. Produced 1000 gal. Total inj. time 25 minutes. Total cost \$1000.00.

RESULTS OF TREATMENT

3-16-54 Opened at 11:30 AM after 24 hrs. 25 hrs. at 1775 psig.  
 3-17-54 Flowed 25 hrs. in 20 hrs.  
 3-18-54 Produced sweep 2 times and recovered 30 gal. Killed off and flowed 25 hrs.

RESULTS OF TREATMENT

3-22-54 Flowed 25 hrs. 20 hrs. net flow.  
 3-23-54 Flowed 25 hrs. 20 hrs. flow.  
 3-24-54 Flowed 25 hrs. 20 hrs. flow.  
 3-25-54 Flowed 25 hrs. 20 hrs. flow.