



(SUBMIT IN TRIPLICATE)

 UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

 Land Office Las Cruces  
 Lease No. 098784-93(b), Tr. B  
 Unit Durch S  
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SEP 13 1961

 SUNDRY NOTICES AND REPORTS ON WELLS  
 S. C. C.

ARTESIA, OFFICE

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
NOTICE OF INTENTION TO CHANGE PLANS.....	SUBSEQUENT REPORT OF <del>ACIDIZING</del> ACIDIZING.....	<b>X</b>
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....	SUBSEQUENT REPORT OF ALTERING CASING.....	<b>X</b>
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 report of Fracturing</u> .....	<b>X</b>

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

Los Alamos, New Mexico Sept. 7, 1961Well No. 4 is located 660 ft. from N line and 1980 ft. from E line of sec. 23

34-34-23 17-4 20-E N.M.P.M.  
 (1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
Grayburg-Jackson Edgy New Mexico  
 (Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 3579 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)

Prior to workover flowed 20 BOPD &amp; 10 BOPD from Grayburg-Jacoby Zone 3272-3325'.

Record of workover:

8-24 Perforated 5 1/2" liner from 3048-36 and 3060-74 w/4 jets/ft.

Ran 2 1/2" HUS tubing with straddle packer from 3040-3087'.

8-25 Acidized with 1000 gals 20% HCL. Max. Press. = 2100 psig.

Minimum = 1650 psig. INIP = 1600 psig.

Swabbed oil flush and acid water and swabbed dry.

8-26 After standing 16 hrs. swabbed slight amount acid water out w/oil. Slight show gas.

(Continued on Sheet #2.)

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U. S. GEOLOGICAL SURVEY  
ARTESIA, NEW MEXICO

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 of TexasAddress P. O. Box 416Los Alamos, New MexicoBy R. J. HeardTitle District Superintendent

Dareh B #4  
Workover

September 7, 1961  
Sheet No. 2

- 8-27 Fractured as follows: Loaded hole and broke down with 1000 gals. 20% HCL and 46 barrels crude oil, followed by 792 barrels crude containing 30,000# 40/60 and 30,000# 20/40 Ottawa sand, flushed with 97 barrels crude. Maximum Injection Press. = 5500 psig. Minimum = 5000 psig. ISIP = 2100 psig. 15 min SIP = 1500 psig. On vacuum in 4 hrs. Total injection time = 66:30. Average injection rate = 14.3 BPH. Load oil to recover = 935 barrels. Job by Western Co.
- 8-29 After shut-in 20 hrs. ran sand 6 times, well kicked off and flowed 228 BO in 20 hrs.
- 8-30 Flowed 204 BO in 24 hrs.
- 8-31 Flowed 237 BO in 24 hrs.
- 9- 1 Flowed 169 BO in 24 hrs.
- 9- 2 Flowed 197 BO in 24 hrs. Net Oil 42 bbls.
- 9- 3 L.P. Flowed 114 BO in 24 hrs.

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