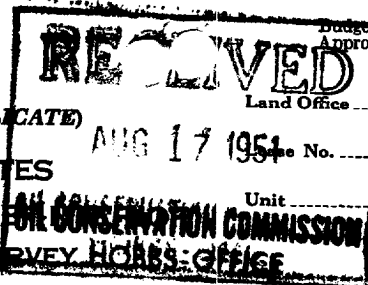


(SUBMIT IN TRIPLICATE)



Las Cruces

032099 (a)

N. H. F. U.

DUPLICATE

UNITED STATES
DEPARTMENT OF THE
GEOLOGICAL SURVEY

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			

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

Lockhart A-18 No. 3

Hobbs, New Mexico

August 15, 1951

Well No. 2 is located 1980 ft. from N line and 1980 ft. from E line of sec. 18

SW/4 Sec. 18

21-S

36-S

N.M.P.M.

(1/4 Sec. and Sec. No.)

(Twp.)

(Range)

(Meridian)

Hunice

Lee

New Mexico

(Field)

(County or Subdivision)

(State or Territory)

The elevation of the derrick floor above sea level is 3636 ft.

DETAILS OF WORK

ILLEGIBLE

(State names of and expected depths to objective sands; show sizes, weights, and lengths of casing points, and all other important proposed work)

In accordance with Notice of Intention to Repair Well, filed 7-13-51, operations were begun on 7-19-51. A retainer was set at 3395' and squeezed with 75 sacks cement. The 5 1/2" casing was perforated from 3239-3269' w/120 shots; 3220-3232' w/48 shots; 3208-3214' w/24 shots; 3190-3202' w/48 shots; 3178-3184' w/24 shots; and 3168-3178' w/40 shots. On initial potential from the Yates formation, tested calculated open flow potential of 2130 MCF sour gas per day on 9-hr. back pressure test. Test began and ended 7-26-51.

Orifice	BACK PRESSURE TEST Back Pressure PSIA	Volume
3/8"	545.2	1,341
1/2	367.2	1,857
7/8	195.7	2,083

Deliverability at 600 PSIA-1420 MCF/day
Deliverability at 150 PSIA-2080 MCF/day
SI Pressure 1066.2 PSIA.

Well was originally completed in Grayburg as oil well and had been shut in since 1-1-51

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

Company Continental Oil Company

Address Box CC

Hobbs, New Mexico

By E. L. Sawyer

Title District Superintendent

032022 (a)
N.H.F.U.

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In accordance with the plan of action of the...
 The first phase of the...
 The second phase of the...
 The third phase of the...
 The fourth phase of the...
 The fifth phase of the...
 The sixth phase of the...
 The seventh phase of the...
 The eighth phase of the...
 The ninth phase of the...
 The tenth phase of the...

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Continental Oil Company

and

Continental Oil Company

Continental Oil Company