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JAN 11 1954
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
ON CONSERVATION COMMISSION
HOBBBS OFFICE

Budget Bureau 42-R355.3.
Approval expires 12-31-55.

Las Cruces

048741 (a)

Louis C. Popeano

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL..... NOTICE OF INTENTION TO CHANGE PLANS..... NOTICE OF INTENTION TO TEST WATER SHUT-OFF..... NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL..... NOTICE OF INTENTION TO SHOOT OR ACIDIZE..... NOTICE OF INTENTION TO PULL OR ALTER CASING..... NOTICE OF INTENTION TO ABANDON WELL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF..... SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING..... SUBSEQUENT REPORT OF ALTERING CASING..... SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR..... SUBSEQUENT REPORT OF ABANDONMENT..... SUPPLEMENTARY WELL HISTORY..... Sub. report of Plug Back & complete in Queen Gas Zone
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(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Hobbs, N. M. January 7 , 19 54

Well No. 6 is located 660 ft. from N line and 660 ft. from E line of sec. 35

NE 1/4 of NE 1/4 of Sec. 35 20-S 36-E (Meridian)

Laumont Lea New Mexico
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 3566 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)

Spotted 5-1/2 in. cement on bottom. Set GI bridging plug at 3812' and dumped 2 in. cement on top. Perforated 5-1/2" casing 3575-3713' with 2 P. G. A. jet shots per foot, total of 276 shots. Treated perforations with 1,000 gallons Cardinal 15% reg. acid. Max. & min. pressures 1300 and 500#. Treated 3575-3713 with 1500 gals. Dowell Jel 1900 and 3000 gals. 15% L. T. acid. Max. & min. jet pressures 4100 & 3400#, acid pressures 2600 & 2500#.

On 24 hour test on 1-6-54 with 600# back pressure well produced at rate of 800 Mcf/day from perforations at 3575 to 3713 and open hole from 3713 to 3788.

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

Company Humble Oil & Refining Company

Address Box 2847, Hobbs, N. M.

By [Signature]

Title District Superintendent

mcb/mcb

1990

[illegible]

Figure 1. The effect of the concentration of the H_2O_2 solution on the amount of the released H_2O from the H_2O_2 -loaded hydrogel. The amount of the released H_2O was measured by the weight difference of the hydrogel before and after the release. The concentration of the H_2O_2 solution was 0.1, 0.2, 0.3, 0.4, 0.5, 0.6, 0.7, 0.8, 0.9, and 1.0 wt. %.

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