

WELL REMEDIAL REPORT
N. M. OIL & GAS ENGINEERING COMMITTEE

Company Humble Oil & Refining Co. Address Box 2347, Hobbs, N.M. Date Dec. 9, 1953
Lease A. E. Thomas Well No. 3 Unit A Sec. 24 T. 24 R. 36
FOOL: Copper-Jal

NATURE OF WORKOVER:

Drill Deeper ☐ Cement Plugback ☐ Plastic Plugback ☐ Set Liner ☐
Cement Squeeze ☐ Plastic Squeeze ☐ Set Pack ☐ Acidize ☐ Shoot ☐ Sand-Oil

FOR PURPOSE OF:

Increase production, Oil ☒ Gas ☐ Shut Off Water ☐ Shut off Gas ☐

DATE:

Workover Started: 11-25-53 Completed: 12-8-53

WELL DATA:

Surface Elev. 3334 Completion Date 6-7-51 Prod. Formation Vinton-Permian

Oil String 5-1/2 inch pipe set at 3035.

Depth of hole before 3210 After 3210.

Formation packer set at _____ with perforations above _____ below _____

_____ inch liner set. Top _____ Bottom _____ Cemented with _____ sax,

and perforated with _____ holes from _____ to _____.

Section squeezed from _____ to _____ with _____ sacks cement or

_____ gallons plastic. Maximum pressure used _____ P. S. I.

INSTRUMENT RUN IN CONJUNCTION WITH OR PRIOR TO WORKOVER:

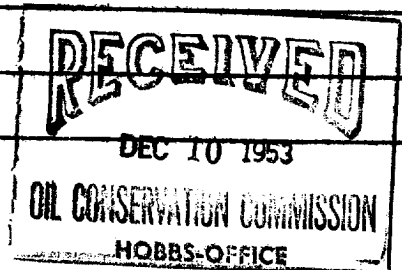
Temperature bomb _____ Electric Log _____ Dowell Pilot _____ Gamma Ray _____
Water Witch _____ Hole Caliper _____ Dia-Log _____ Other _____

RESULTS DETAIL:

Oil production Bbls./day
Water production Bbls./day
Gas production M.C.F./day
Gas-Oil Ratio

BEFORE	AFTER
<u>well Dead</u>	<u>17.26</u>
_____	<u>None</u>
_____	<u>108</u>
_____	<u>6297</u>

Remarks: Sand-oil squeezed from 3035-3210 with 12,000 gallons crude oil with 1 pound
sand per gallon. Maximum and minimum tubing pressures 2500 and 2000.



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Figure 1. The effect of the number of trials on the number of correct responses. The number of correct responses was significantly higher for the 10 trials condition than for the 5 trials condition. Error bars represent the standard error of the mean.