

WELL REMEDIAL REPORT
N.M. MEXICO OIL & GAS ENGINEERING COMMITTEE
BOX 127 HOBBS, NEW MEXICO

Company Humble Oil & Refining Company Address Box 2347, Hobbs, N.M. Date 12-22-53
Lease Humble State No. 104 Well # 10 Unit 1 Sec. 31 T. 2 R. 37 Pool Junice Monument

NATURE OF WORKOVER

Drill Deepen Cement plugback Plastic plugback Set Liner
Cement squeeze Plastic squeeze Set Packer Acidize x Shoot

FOR PURPOSE OF

Increase production, Oil x Gas Shut off water Shut off gas

RESULTS SUMMARY

Complete success Partial success x Failure

DATE

Workover started 12-10-53 Completed 12-21-53

WELL DATA

D.F. elev. 3540 Completion date 2-18-37 Prod. formation Grayburg

Oil String 5-1/2 inch pipe set at 3730

Depth of hole before 3830 After 3830

Formation packer set at with perforations above below

 inch liner set. Top Bottom Cemented w. sack,

and perforated with holes from to

Section squeezed from to with sacks cement or

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

INSTRUMENTS RUN IN CONJUNCTION WITH OR PRIOR TO WORKOVER

Temperature bomb Electric log Dowell pilot Gamma ray x
Water witch Hole Caliper Dia-log Other

RESULTS DETAIL

	BEFORE	AFTER
Oil production Bbls./day	<u>12.86</u>	<u>5.33</u>
Water Production Bbls./day	<u>.68</u>	<u>28.22</u>
Gas Production M.C.F./day	<u>269.28</u>	<u>26.80</u>
Gas oil ratio	<u>20,939</u>	<u>5,028</u>

REMARKS: Blocked formation with 1500 gallons gel 2-500. Treated with 6000 gallons

Dowell L. T. acid from 3757-3830. Maximum pressure 4900. Final pressure 2100.