

WELL REMEDIAL REPORT
NEW MEXICO OIL & GAS ENGINEERING COMPANY
BOX 127 HOBBS, NEW MEXICO

Company Humble Oil & Refining Co. Address Hobbs, New Mexico Date 4-4-54
Lease Humble State Series Well # 4 Unit G Sec. 31 T. 20 S. 37 E. 1 NE 1/4 Section

NATURE OF WORKOVER

Drill Deepen Cement plugback Plastic plugback Set Liner Plug Back X
Cement squeeze Plastic squeeze Set Packer Acidize Shoot Perf. X
Recompleted as gas well X

FOR PURPOSE OF

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

RESULTS SUMMARY

Complete success X Partial success Failure

DATE

Workover started 4-1-54 Completed 4-4-54

WELL DATA

D.F. elev. 3555 Completion date 8-16-36 Prod. formation Lime

Oil String 5-1/2 inch pipe set at 3740

Depth of hole before 3850 After 3525 P. B.

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
Water witch Hole Caliper Dia-log Other

RESULTS DETAIL

	BEFORE	AFTER
Oil production Bbls./day	<u>2.69</u>	<u>0</u>
Water Production Bbls./day	<u>4.04</u>	<u>0</u>
Gas Production M.C.F./day	<u>5.25</u>	<u>4,510</u>
Gas oil ratio	<u>1952</u>	<u>0</u>

REMARKS: Spotted 50' cement on top of bridge plug at 3698'. Set Baker C. I. bridge
plug at 3525'. Perforated 3300-3335, 3345-3410, 3440-3450, 3465-3495 with 2 r. G. n.
jet shots per foot, total of 280 shots.