

WELL REPAIR REPORT
NEW MEXICO OIL & GAS ENGINEERING COMMITTEE
BOX 127 HOBBS, NEW MEXICO

Company Humble Oil & Refining Co. Address Box 2347, Hobbs, NM Date 3-15-53
Lease New Mexico State F Well # 2 Unit 2 Sec. 17 T. 1N R. 10E Pool Monument

NATURE OF WORKOVER

Drill Deeper Cement plugback Plastic plugback Set Liner
Cement squeeze Plastic squeeze Set Packer Acidize Shoot

For Purpose of

Increase production, Oil Gas Shut off water Shut off gas

RESULTS SUMMARY

Complete success Partial success Failure

DATE

Workover started 3-1-53 Completed 3-30-53

WELL DATA

D.F. elev. 3546 Completion date 3-26-53 Prod. formation Permian lime

Oil String 1 1/2 inch pipe set at 3749

Depth of hole before 3860 After 3818

Formation packer set at with perforations above below

 inch liner set. Top Bottom Cementec w. sax,

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>6.05</u>	<u>4.54</u>
Water Production Bbls./day	<u>1.51</u>	<u>.54</u>
Gas Production M.C.F./day	<u>67.4</u>	<u>203.6</u>
Gas oil ratio	<u>11.47</u>	<u>44.83</u>

REMARKS: Treated 3749-3780 with 750 gallons western H-I-Via Jol and 5,000 gallons
12% L. T. acid. Maximum pressure on Jol 1150#. Maximum and minimum tubing
pressures on regular acid 2250 and 3050. Inj. rate 4.3 bbls. per minute.

Prepared and Typed by sch