

NEW MEXICO OIL & GAS ENGINEERING COMMISSION
BOX 127 HOBBS, NEW MEXICO

RECEIVED

JUL 4 1952

Company Humble Oil & Refining Co. Address Hobbs, New Mexico Date 1-3-52
Lease H. S. Aggies Well # 11 Unit Sec. 31 T.20 Oil Conservation Commission
HOBBS-OFFICE

NATURE OF WORKOVER

Drill Deeper 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 Failure X

DATE

Workover started 5-22-51 Completed 6-21-51

WELL DATA

D.F. elev. 3536 Completion date 3-12-37 Prod. formation Grayburg

Oil String 5 1/2" inch pipe set at 3732

Depth of hole before 3840 After 3840

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>11.05</u>	<u>9.36</u>
Water Production Bbls./day	<u>0.20</u>	<u>0.39</u>
Gas Production M.C.F./day	<u>31</u>	<u>15</u>
Gas oil ratio	<u>1872</u>	<u>1603</u>

REMARKS: Treated with 750 gallons of Dowell Jel Acid and 2000 gallons of 15% Low
Tension Acid.