

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

Company Humble Oil & Refining Co. Address Box 2347, Hobbs, NM Date May 14, 1953
Lease N. M. State 3 Well # 1 Unit 2 Sec. 22 T. 21S R. 16E Pool Emery-Monument

NATURE OF WORKOVER

Drill Deeper ☐ Cement plugback ☐ Plastic plugback ☐ Set Liner ☐
Cement squeeze ☐ Plastic squeeze ☐ Set Packer ☐ Acidize ☒ Shock ☒ Hydrate ☒
Perf. ☒ Dual Completion ☒

FOR PURPOSE OF

Increase production, Oil ☒ Gas ☒ Shut off water ☐ Shut off gas ☐

RESULTS SUMMARY

Complete success ☒ Partial success ☐ Failure ☐

DATE

Workover started 3-14-53 Completed 4-19-53

WELL DATA

D.F. elev. 3646 Completion date 11-18-52 Prod. formation Line

Oil String 7 inch pipe set at 3961

Depth of hole before 3971 After 3971

Formation packer set at _____ with perforations above _____ below _____

_____ inch liner set. Top _____ Bottom _____ Cemented 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 ☒ Neutron ☒
Water witch ☐ Hole Caliper ☐ Dia-log ☒ Other ☐

RESULTS DETAIL

| | BEFORE | AFTER | Notes (GAS AFTER) |
|----------------------------|----------------|----------------|-------------------|
| Oil production Bbls./day | <u>6.5</u> | <u>18.44</u> | |
| Water Production Bbls./day | <u>2.17</u> | <u>13.57</u> | |
| Gas Production M.C.F./day | <u>699.33</u> | <u>1745.16</u> | <u>2000</u> |
| Gas oil ratio | <u>101.435</u> | <u>24.131</u> | |

REMARKS: Repaired 7" casing, perforated 3800-3840 with 120 shots, hydrafraced w/2-batch
treatment (1500 gallons kerosene, 300# Napalm, 1500# sand and 20 gallons breaker in 60
bbls. oil) Perf. 7" casing from 3300 to 3515 and 3590 to 3655' with 640 shots, treated
with 3000 gallons Chemical Process 12% L. T. acid.

