

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

RECEIVED

Company Humble Oil & Refining Company Address Hobbs, New Mexico Date Jan 2, 1952  
Lease F. F. Hardison Well # 6 Unit Sec. 2 T. 21s R. 37E Pool Drinkard

NATURE OF WORKOVER

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

For Purpose of

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

RESULTS SUMMARY

Complete success X Partial success    Failure   

DATE

Workover started 4-27-51 Completed 4-30-51

WELL DATA

D.F. elev. 3410 Completion date 11-23-51 Prod. formation Clearfork

Oil String 5 1/2" inch pipe set at 6580

Depth of hole before 6575 After 6575

Formation packer set at 6506 with perforations above    below X

   inch liner set. Top    Bottom    Cementec w.    sax,

casing

~~and~~ perforated with 292 holes from 6440-48 to 6517-73

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>23.88</u> | <u>91.53</u> |
| Water Production Bbls./day | <u>PLO</u>   | <u>PLO</u>   |
| Gas Production M.C.F./day  | <u>1.07</u>  | <u>354</u>   |
| Gas oil ratio              | <u>4481</u>  | <u>3868</u>  |

REMARKS: Treated with 750 gallons of Dowell Jel Acid and 3000 gallons of Dowell

15% XF-M18 Acid.

Prepared and Typed by DGF