

WELL REMEDIAL REPORT  
NEW MEXICO OIL & GAS ENGINEERING COMM. LEE  
BOX 127 HOBBS, NEW MEXICO

Company Shale Oil & Refining Co. Address Box 2347, Hobbs, N.M. Date 3-20-53  
Lease H. E. Laughlin Well # 1 Unit      Sec. 4 T. 20S R. 37E Pool Smile-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 x Partial success      Failure     

DATE

Workover started 2-15-53 Completed 2-23-53

WELL DATA

D.F. elev. 3568 Completion date 9-27-36 Prod. formation Limo

Oil String 5 1/2 inch pipe set at 3736

Depth of hole before 3885 After 3885

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

Oil production Bbls./day

Water Production Bbls./day

Gas Production M.C.F./day

Gas oil ratio

BEFORE

26.43

2.91

26.87

1017

AFTER

58.53

14.64

65.01

1403

REMARKS: Treated open hole 3736-3885 with 1000 gallons Hl Vis Acid and 5,000 gallons  
Special L. T. acid. Maximum and minimum gel pressures 1000 and 850#. Maximum and  
minimum L. T. pressures 2400 & 1900#. Inj. rate 5.2 barrels per min. Flushed with  
17 barrels oil.

Prepared and Typed by mob