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NEW MEXICO OIL CONSERVATION COMMISSION

FORM C-103
(Rev 3-55)

MISCELLANEOUS REPORTS ON WELLS

(Submit to appropriate District Office as per Commission Rule 1106)

Name of Company **The Superior Oil Company** Address **Midland, Texas**

Lease **State "A"** Well No. **4** Unit Letter **G** Section **2** Township **20-S** Range **36-E**

Date Work Performed **Oct. 30 - Nov. 4, 1961** Pool **Monument** County **Lea**

THIS IS A REPORT OF: (Check appropriate block)

- ☐ Beginning Drilling Operations
 ☐ Casing Test and Cement Job
 ☒ Other (Explain): **Locate & Repair Casing Leak**
- ☐ Plugging
 ☐ Remedial Work

Detailed account of work done, nature and quantity of materials used, and results obtained.

Killed well w/70 bbls lease oil, removed tree, installed BOP, pulled 2 1/2" tubing, Lane-Wells packer, and Baker Sfty Jt. Changed tubing head to 4000 lb. OCT, installed BOP, ran 2 1/2" tubing & new Lane-Wells packer, removed BOP, installed tree. Set packer @ 3698' w/tail to 3904'. Packer would not hold pressure. Reset packer at various depths & found leak in 7-inch casing @ 2392'. Pulled 2 1/2" tubing, ran walex collar log from 3815' to 3200'. Set Baker Retrievable Bridge Plug @ 3770'. Dumped 17 gals 812 frac sand down 7-inch casing. Ran Baker Full Bore Cementer on 2 1/2" tubing, displaced oil w/140 bbls formation water, set cementer @ 2204', tested packer w/600 psi, OK. Perf'd 7-inch casing @ 2437' w/2 swing jets by Walex. Circ'd OK between 7-inch and 9-5/8-inch casing. Mixed 500 sax Incon neat cnt, put 481 sax thru perfs @ 2437 & leak @ 2392, leaving 19 sax cnt inside 7-inch casing. Cement circulated OK. Put squeeze on cement, 1200/600 w/1000 psi on 9-5/8-inch casing. Pulled cementer & tubing. Ran bit & casing scraper, cleaned out solid cnt 2342 to 2470'. Tested 7-inch casing w/1000 psi for 30 mins, OK. Ran bit to top of sand plug @ 3765'; washed 5' sand off BP @ 3770'. Displaced water to oil, pulled bit & tubing. Retrieved BP. Ran Lane-Wells packer on 2 1/2" tubing, set pkr @ 3698' w/tail to 3904'. Subd well in. Now flowing.

Witnessed by **J. L. Roberson** Position **Production Supt.** Company **The Superior Oil Company**

FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

ORIGINAL WELL DATA

D F Elev. TD PBTD Producing Interval Completion Date

Tubing Diameter Tubing Depth Oil String Diameter Oil String Depth

Perforated Interval(s)

Open Hole Interval Producing Formation(s)

RESULTS OF WORKOVER

Test	Date of Test	Oil Production BPD	Gas Production MCFPD	Water Production BPD	GOR Cubic feet/Bbl	Gas Well Potential MCFPD
Before Workover						
After Workover						

OIL CONSERVATION COMMISSION

I hereby certify that the information given above is true and complete to the best of my knowledge.

Approved by Name **Wm. J. Mathis (Wm. J. Mathis)**

Title Position **Production Engineer**

Date Company **The Superior Oil Company**