

NEW MEXICO OIL CONSERVATION COMMISSION  
MISCELLANEOUS REPORTS ON WELLS

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

COMPANY The Texas Company Box 1270 Midland, Texas  
(Address)

LEASE J. R. Phillips WELL NO. 2 UNIT C S 6 T 20-S R 37-E

DATE WORK PERFORMED See Below POOL Eunice Monument

This is a Report of: (Check appropriate block) ☐ Results of Test of Casing Shut-off  
☐ Beginning Drilling Operations ☒ Remedial Work  
☐ Plugging ☐ Other \_\_\_\_\_

Detailed account of work done, nature and quantity of materials used and results obtained.  
**TD-3890' PBD-3700'**

Pulled rods and tubing and ran Halliburton test tool to 3750' and tested casing with 1200 PSI for 30 minutes on 6-20-55. Tested OK. Set drillable cement retainer at 3734' and squeezed perforations 3766'-3774' with 258 sacks of cement. Reversed out 100 sacks. Left 3 sacks on top of retainer. Job completed 4:30 PM 6-21-55. Ran test tool and tested 7" casing; found leaks in area from 90'-320'. Ran and cemented 3731', 118 1/2 joints, of 4 1/2" flush joint casing and set at 3741' with 400 sacks. Cement circulated. Completed 4 PM 6-26-55. Drilled out cement to 3736' and perforated casing from 3704'-3714' with 4 shots per foot. Ran tubing with packer set at 3691' and acidized through perforations from 3704'-3714' with 500 gals. of acid. Completed 11:45 PM 6-29-55. Swabbed and flowed 44 bbls. of load oil in 4 hrs; well gassing. Well flowed 1,112,000 cu. ft. of gas and no fluid in 24 hrs. on 6-30-55.

(over)

FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

Original Well Data:

DF Elev. 3580 TD 3890 PBD 3700 Prod. Int. 3647'-3690' Compl Date 5-9-36

Tbng. Dia 3" Tbng Depth 3642' Oil String Dia 4 1/2" Oil String Depth 3741'

Perf Interval (s) 3647'-3690'

Open Hole Interval --- Producing Formation (s) Grayburg

RESULTS OF WORKOVER:		BEFORE	AFTER
Date of Test		<u>5-13-55</u>	<u>10-22-55</u>
Oil Production, bbls. per day	<b>Pumping 24 hrs.</b>	<u>16</u>	<b>0 Flowed 24 hrs.</b>
Gas Production, Mcf per day		<u>9.0</u>	<u>3421</u>
Water Production, bbls. per day		<u>200</u>	<u>0</u>
Gas-Oil Ratio, cu. ft. per bbl.		<u>567</u>	<u>---</u>
Gas Well Potential, Mcf per day		<u>---</u>	<u>3421</u>
Witnessed by _____			

(Company)

OIL CONSERVATION COMMISSION

Name C. M. Lundy

Title \_\_\_\_\_

Date 10-27-55

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

Name C. M. Lundy

Position Asst. Dist. Superintendent

Company The Texas Company

DETAILED ACCOUNT OF WORK    IE (CONT'D):

Ran tubing with retainer set at 3668' and squeezed perforations from 3704'-3714' with 75 sacks cement; reversed out 70 sacks. Completed 5 PM 7-12-55. Drilled out cement to 3720' and tested perforations from 3704'-3714'. Tested ok. Drilled out cement to plug back depth of 3760' and perforated casing from 3730'-3740' with 3 shots per foot on 7-18-55. Set packer at 3723' and acidized through perforations from 3730'-3740' with 500 gals. of mud acid. Completed 10:30 AM 7-21-55. Swabbed 16 bbls. of lead oil in 6 hrs, swabbed dry. Acidized through perforations from 3730'-3740' with 1500 gals. of regular acid. Completed 11 AM 7-22-55. Swabbed and flowed 103 bbls. of fluid in 18 hrs.

Killed well and pulled tubing and packer. Ran 2" tubing open end and ran radioactive survey on 8-31-55. Found leaks at 3745'-3750'. Set cast iron retainer at 3704' and squeezed leaks from 3740'-3750' with 124 sacks of cement; reversed out 65 sacks, 55 sacks in formation and 4 sacks in casing. Completed 12:30 AM 10-18-55. Cleaned out to plug back depth of 3700' and perforated casing from 3667'-3690' with 3 shots per foot on 10-20-55. Perforated casing from 3647'-3690' with 3 shots per foot on 10-21-55, and acidized through perforations from 3647'-3690' with 500 gals. of mud acid. Swabbed 20 bbls. of fluid in 2 hrs. Acidized through perforations from 3647'-3690' with 1000 gals. of mud acid and sand-frac through perforations from 3647'-3690' with 6000 gals. of lease oil with 1 lb. of sand per gallon on 10-27-55. Re-acidized through perforations from 3647'-3690' with 500 gals. of regular 15% acid on 10-27-55.