

NEW MEXICO OIL CONSERVATION COMMISSION
MISCELLANEOUS REPORTS ON WELLS

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

COMPANY Buffalo Oil Company, 203 Carper Bldg., Artesia, N. M.
(Address)

LEASE Mitchell "A" WELL NO. 13 UNIT C S 19 T 173 R 32E
DATE WORK PERFORMED Dec. 8, 1954 POOL Maljamar Pool

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.
This well was completed in the Maljamar pay at T. D. of 4034' on October 1, 1948. Production levelled off at 3 bbls. of oil per day, flowing. On May 6, 1950, it was deepened to 4294', but no additional oil was encountered. The well was then temporarily abandoned.

On December 8, 1954, remedial work was started. After setting a bridge at 3870, gravel was spotted from 3870 to 3852', and 30 sacks of cement was spotted through tubing from 3855 to 3705'. However, later the top of ~~33~~ cement was found at 3743', so additional gravel was placed from 3743 to 3714'. Cal seal was then placed from 3714' to 3695'. Well was treated with 10,000 gallons of sand-oil down the casing on December 18, 1954. Treating pressure was 1650 psi. and injection rate was 19.6 bbls. per minute. After recovering load oil, well flowed 48 BOPD on 14/64" choke, Casing pressure 470 psi., tubing pressure 340#.

FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

Original Well Data:

DF Elev. 3062 TD 4204 PBD 3605 Prod. Int. 3605 Compl Date 5/50
Tbng. Dia 2" Tbng Depth _____ Oil String Dia 8 3/4" Oil String Depth 3545'
Perf Interval (s) 3545-3695
Open Hole Interval 3545-3695 Producing Formation (s) Grayburg-San Andres

RESULTS OF WORKOVER:

| | BEFORE | AFTER |
|---------------------------------|-----------|-------------|
| Date of Test | <u>SI</u> | |
| Oil Production, bbls. per day | | <u>48</u> |
| Gas Production, Mcf per day | | <u>-</u> |
| Water Production, bbls. per day | | <u>None</u> |
| Gas Oil Ratio, cu. ft. per bbl. | | <u>-</u> |
| Gas Well Potential, Mcf per day | | <u>-</u> |
| Witnessed by _____ | | |

(Company)

OIL CONSERVATION COMMISSION

Name C. M. Lundy
Title SECRET
Date _____

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

Name Ralph L. Gray
Position Div. Prod. Supt.
Company Buffalo Oil Company