

NEW MEXICO OIL CONSERVATION COMMISSION
MISCELLANEOUS REPORTS ON WELLS

(Submit to appropriate District Office as per Commission Rule 1106) 10:04

COMPANY Buffalo Oil Company, 203 Carper Bldg., Artesia, New Mexico
(Address)

LEASE Wm. Mitchell WELL NO. A-15 UNIT A S 19 T 17 S R 32 E
DATE WORK PERFORMED 9-20-55 POOL Maljanar

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.

Sand-fraced open hole 3570'-4024' with 15,000 gals. refined oil and 20,000# sand. Formation broke down at 2800 psi. Maximum frac pressure 3800 psi. Maximum injection rate 7.7 BPM. Flush pressure decreased gradually from 3800 to 3000 psi. Maximum flush injection rate 8.4 BPM.

Well tested on 8-25-55 pumped 7 BOPD., GOR 2973:1. Re-test on 9-27-55 flowed on 22/64" choke 122 BOPD., GOR 1444:1

FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

Original Well Data:

DF Elev. 3967 TD 4030 PBD 4024 Prod. Int. San Andres Compl Date 9-15-44
Tbng. Dia 2 7/8 Tbng Depth 3560 Oil String Dia 7" Oil String Depth 3570
Perf Interval (s) None
Open Hole Interval 3570-4024' Producing Formation (s) Grayburg & San Andres

RESULTS OF WORKOVER:

	BEFORE	AFTER
Date of Test	<u>8-25-55</u>	<u>9-27-55</u>
Oil Production, bbls. per day	<u>7</u>	<u>122</u>
Gas Production, Mcf per day	<u>20.8</u>	<u>176.2</u>
Water Production, bbls. per day	<u>0</u>	<u>0</u>
Gas Oil Ratio, cu. ft. per bbl.	<u>2973</u>	<u>1444</u>
Gas Well Potential, Mcf per day	<u>-</u>	<u>-</u>

Witnessed by Larry Duncan Buffalo Oil Company
(Company)

OIL CONSERVATION COMMISSION
Name _____
Title _____
Date _____

I hereby certify that the information given above is true and complete to the best of my knowledge
Name Max E. Curney
Position Dist. Supt.
Company Buffalo Oil Company