

DUPLICATE

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

RECEIVED

FEB 1 1954

MISCELLANEOUS REPORTS ON WELLS

OIL CONSERVATION COMMISSION

Submit this report in TRIPLICATE to the District Office, Oil Conservation Commission, within 10 days after ~~MOBIL OFFICE~~ is completed. It should be signed and filed as a report on Beginning Drilling Operations, Results of test of casing shut-off, result of plugging of well, result of well repair, and other important operations, even though the work was witnessed by an agent of the Commission. See additional instructions in the Rules and Regulations of the Commission.

Indicate Nature of Report by Checking Below

REPORT ON BEGINNING DRILLING OPERATIONS		REPORT ON RESULT OF TEST OF CASING SHUT-OFF		REPORT ON REPAIRING WELL	
REPORT ON RESULT OF PLUGGING WELL		REPORT ON RECOMPLETION OPERATION		REPORT ON Drilling (Other) Deeper & Recompleting x	

January 27, 1954

(Date)

Hobbs, New Mexico

(Place)

Following is a report on the work done and the results obtained under the heading noted above at the

Continental Oil Company

(Company or Operator)

State 0-15

(Lease)

J. P. (Dum) Gibbins

(Contractor)

Well No. 1 - P in the SW 1/4 NE 1/4 of Sec. 15

T. 16S, R. 32E, NMPM, Undesignated Pool, Lea County.

The Dates of this work were as follows: October 22, 1953 thru December 9, 1953

Notice of intention to do the work (was) (~~vacant~~ submitted on Form C-102 on October 22, 1953,

(Cross out incorrect words)

and approval of the proposed plan (was) (~~vacant~~ obtained.

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

At the time work-over was commenced, subject well was dead. The following work has been done: Squeezed perforations 9849-9869'. Drilled out to 12,431'. Set packer at 12,408'. Perforated 7" casing with 2 holes at 12,412'. Light blow air. Swabbed 6 hrs., no fluid. Broke down formation from 3000# to 1300# in 20 minutes. After pumping in 3 bbls. water, pressure increased to 2900#, came out with tubing and shoot and test tool, found tool had not opened. Ran radioactivity log on Pennsylvanian pay section only. Perforated 7" casing in Pennsylvanian interval 12,370-12,388' with 4 jet shots per foot. Ran 2 1/2" tubing bottomed at 12,398' with packer set at 12,348'. Swabbed dry after 24 hrs. and recovered load of 67 bbls., washed with 500 gals. mud acid. Swabbed down, recovered acid and oil load of 14 bbls. and 16 bbls. new oil in 24 hrs. Prepared to sandfree. Loaded hole with oil. Injected 2/10 bbl. oil per minute at 7,000 psi for 2 hrs. Unable break down formation. Started pull tubing and re-perforate. Packer stuck. Pulled tubing and fished out packer. Perforated 7" casing with 2 jet shots per foot 12,362-12,401'. Set tubing at 12,398 with packer at 12,344'. Pumped 178 bbls. oil in formation after breaking from 7,000# to 6,800#. After recovering load oil by swabbing and flowing, well was tested for 10 days flowing 13 to 25 bbls. oil daily but stopped flowing. Moved in unit. Perforated 7" casing with one

Witnessed by.....

(Name)

(Company)

(Title)

(OVER)

Approved:

OIL CONSERVATION COMMISSION

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

Name.....

Position..... District Superintendent

Representing..... Continental Oil Company

Address..... Box 427, Hobbs, New Mexico

(Title)

(Date)

shot at 12,371, 12,375, 12,383, 12,391, 12,395, 12,399, 12,403, 12,407, 12,411, 12,415, 12,419, 12,423, 12,427, 12,431, 12,435, 12,439, 12,443, 12,447, 12,451, 12,455, 12,459, 12,463, 12,467, 12,471, 12,475, 12,479, 12,483, 12,487, 12,491, 12,495, 12,499, 12,503, 12,507, 12,511, 12,515, 12,519, 12,523, 12,527, 12,531, 12,535, 12,539, 12,543, 12,547, 12,551, 12,555, 12,559, 12,563, 12,567, 12,571, 12,575, 12,579, 12,583, 12,587, 12,591, 12,595, 12,599, 12,603, 12,607, 12,611, 12,615, 12,619, 12,623, 12,627, 12,631, 12,635, 12,639, 12,643, 12,647, 12,651, 12,655, 12,659, 12,663, 12,667, 12,671, 12,675, 12,679, 12,683, 12,687, 12,691, 12,695, 12,699, 12,703, 12,707, 12,711, 12,715, 12,719, 12,723, 12,727, 12,731, 12,735, 12,739, 12,743, 12,747, 12,751, 12,755, 12,759, 12,763, 12,767, 12,771, 12,775, 12,779, 12,783, 12,787, 12,791, 12,795, 12,799, 12,803, 12,807, 12,811, 12,815, 12,819, 12,823, 12,827, 12,831, 12,835, 12,839, 12,843, 12,847, 12,851, 12,855, 12,859, 12,863, 12,867, 12,871, 12,875, 12,879, 12,883, 12,887, 12,891, 12,895, 12,899, 12,903, 12,907, 12,911, 12,915, 12,919, 12,923, 12,927, 12,931, 12,935, 12,939, 12,943, 12,947, 12,951, 12,955, 12,959, 12,963, 12,967, 12,971, 12,975, 12,979, 12,983, 12,987, 12,991, 12,995, 12,999, 13,003, 13,007, 13,011, 13,015, 13,019, 13,023, 13,027, 13,031, 13,035, 13,039, 13,043, 13,047, 13,051, 13,055, 13,059, 13,063, 13,067, 13,071, 13,075, 13,079, 13,083, 13,087, 13,091, 13,095, 13,099, 13,103, 13,107, 13,111, 13,115, 13,119, 13,123, 13,127, 13,131, 13,135, 13,139, 13,143, 13,147, 13,151, 13,155, 13,159, 13,163, 13,167, 13,171, 13,175, 13,179, 13,183, 13,187, 13,191, 13,195, 13,199, 13,203, 13,207, 13,211, 13,215, 13,219, 13,223, 13,227, 13,231, 13,235, 13,239, 13,243, 13,247, 13,251, 13,255, 13,259, 13,263, 13,267, 13,271, 13,275, 13,279, 13,283, 13,287, 13,291, 13,295, 13,299, 13,303, 13,307, 13,311, 13,315, 13,319, 13,323, 13,327, 13,331, 13,335, 13,339, 13,343, 13,347, 13,351, 13,355, 13,359, 13,363, 13,367, 13,371, 13,375, 13,379, 13,383, 13,387, 13,391, 13,395, 13,399, 13,403, 13,407, 13,411, 13,415, 13,419, 13,423, 13,427, 13,431, 13,435, 13,439, 13,443, 13,447, 13,451, 13,455, 13,459, 13,463, 13,467, 13,471, 13,475, 13,479, 13,483, 13,487, 13,491, 13,495, 13,499, 13,503, 13,507, 13,511, 13,515, 13,519, 13,523, 13,527, 13,531, 13,535, 13,539, 13,543, 13,547, 13,551, 13,555, 13,559, 13,563, 13,567, 13,571, 13,575, 13,579, 13,583, 13,587, 13,591, 13,595, 13,599, 13,603, 13,607, 13,611, 13,615, 13,619, 13,623, 13,627, 13,631, 13,635, 13,639, 13,643, 13,647, 13,651, 13,655, 13,659, 13,663, 13,667, 13,671, 13,675, 13,679, 13,683, 13,687, 13,691, 13,695, 13,699, 13,703, 13,707, 13,711, 13,715, 13,719, 13,723, 13,727, 13,731, 13,735, 13,739, 13,743, 13,747, 13,751, 13,755, 13,759, 13,763, 13,767, 13,771, 13,775, 13,779, 13,783, 13,787, 13,791, 13,795, 13,799, 13,803, 13,807, 13,811, 13,815, 13,819, 13,823, 13,827, 13,831, 13,835, 13,839, 13,843, 13,847, 13,851, 13,855, 13,859, 13,863, 13,867, 13,871, 13,875, 13,879, 13,883, 13,887, 13,891, 13,895, 13,899, 13,903, 13,907, 13,911, 13,915, 13,919, 13,923, 13,927, 13,931, 13,935, 13,939, 13,943, 13,947, 13,951, 13,955, 13,959, 13,963, 13,967, 13,971, 13,975, 13,979, 13,983, 13,987, 13,991, 13,995, 14,000. Pumped oil into formation at rate of 1/2 bbl. per minute under 5400# pressure. Pumped 15 bbls. oil into formation. Swabbed 75 bbls. all lost. Pulled tubing and reran with packer set at 12,350'. Pumped 300 gallons sandtrac in tubing at 5,000# with 2500# on casing when pressure equalized. Squeeze tool and packer failed. Ran tubing with packer set at 12,290'. Attempted sandtrac under 6,600# pressure and packer failed. Ran tubing with packer set at 12,290'. Treated with 500 gallons acid through perforations 12,362-12,401'. Swabbed 70 bbls. load oil and 3 bbls. new oil in 16 hrs. Swabbed 7 bbls. oil, no water in 9 hrs. Flowed 4 1/2 bbls. oil in 4 days. Then swabbed 13 1/2 bbls. oil in 5 hrs.; swabbed 2 bbls. oil in 3 hrs. After 2 days flowed 8 bbls. oil in 1 1/2 hrs. and died. Well being produced on intermittent flow, being shut in 18 hrs. and flowing 6 hrs. daily.

Recompleted at depth 12,431'. Line in Pennsylvania pay 12,370-12,388'. Flowed on 24 hrs. test 20 bbls. oil, no water, through open 1" choke on 2 1/2" tubing for 24 hr. potential of 20 bbls. oil, no water. GOR 150%, CP 0% (Packer). Tubing pressure 500# 2 1/2" tubing bottomed at 12,292' with packer set at 12,290'. Gravity 43°.