

DUPLICATE

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

RECEIVED

OCT 9 1953

MISCELLANEOUS REPORTS ON WELLS

Submit this report in TRIPLICATE to the District Office, Oil Conservation Commission, within 10 days after the work specified 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 (Other) Packer Leakage & Bottom Hole Pressure	

October 8, 1953

(Date)

Hobbs, New Mexico

(Place)

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

Cities Service Oil Company

(Company or Operator)

Laughlin

(Lease)

J. C. Crain Drilling Company

(Contractor)

Well No. 5 in the SW SW 1/4 SE 1/4 of Sec. 5

T 20S, R 37E, NMPM, Dumont Gas Pool, Lea County.

The Dates of this work were as follows: September 25, 1953 to September 28, 1953

Notice of intention to do the work (was) (was not) submitted on Form C-102 on Not required, 19 (Cross out incorrect words)

and approval of the proposed plan (was) (was not) obtained.

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

The hole was loaded with mud and a Baker DA Packer set at 5135'. The Queens gas pay was perforated from 3207 to 3355 (148') with 2 jet shots per foot. 2" tubing was run, the mud displaced with water and the perforations acidized with 3000 gallons of 15% acid. The well was swabbed in and a packer leakage test taken. The test showed no leaks in the tubing or packer. A preliminary flowing test was taken as tabulated below:

<u>Choke</u>	<u>Flowing Csg. Pressure</u>	<u>Gas Prod. MCF/Day</u>
1"	700#	15,900

24 hr. shut in casing pressure was 1050. BHP at 3266' (300) is 1200#

Witnessed by R. F. Hemphill Cities Service Oil Company Asst. Prod. Foreman
(Name) (Company) (Title)

Approved: OIL CONSERVATION COMMISSION

R. G. Stanley
(Name)

Engineer District 1
(Title)

OCT 13 1953

(Date)

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

Name *Raymond M. Koger*
Position Production Engineer

Representing Cities Service Oil Company

Address Box 97, Hobbs, New Mexico

- (c) Perforated the 5 $\frac{1}{8}$ " casing from 3207' to 3355' opposite the Queen formation.
- (d) Set a production type packer at 5135'.

That the manner and method of the dual completion is shown on the attached diagramatic sketch.

5. That a copy of this amended application has been sent to all offset operators.

Therefore, Cities Service Oil Company respectfully requests that the New Mexico Oil Conservation Commission amend Administrative Order No. DC-4 and grant permission for this dual completion of its Laughlin No. 5 so that oil from the Paddock formation may be produced through the tubing, and gas from the Queens formation through the casing-tubing annulus.

Respectfully submitted,

CITIES SERVICE OIL COMPANY

H. E. Massey
H. E. Massey
District Engineer

HEM/lbc