

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

MISCELLANEOUS REPORTS ON WELLS

Submit this report in **TRIPPLICATE** 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 SQUEEZE CEMENT (Other)	X

December 16, 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

Shell Oil Company

(Company or Operator)

Sarkeys

(Lease)

J. P. Gibbins

(Contractor)

, Well No. 4 in the SE $\frac{1}{4}$ SW $\frac{1}{4}$ of Sec. 23

T. 21-S, R. 37-E, NMPM, Drinkard Pool, Lea County.

The Dates of this work were as follows: December 15, 1954

Notice of intention to do the work (was) (~~was not~~) submitted on Form C-102 on December 14, 1954,
(Cross out incorrect words)

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

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

Squeezed cement behind 5-1/2" casing to shut off gas as following:

- (1) Set bridging basket at 6520' and dumped pea gravel and cal seal on top. Top of plug at 6467'.
- (2) Set retrievable cementer tool at 6419'. Pumped 45 barrels water ahead of 100 sacks cement. Formation took fluid at rate of 1.5 barrels minute at 1300 psi. Followed cement with 32 barrels water. Maximum pressure 1250 psi. Cement set two hours. Pumped two barrels water into formation at 1.5 barrels minute at 2000 psi. Mixed 100 sacks cement. Opened circulating head and spotted cement down tubing. Closed head. Squeezed to 6000 psi with 3000 psi on casing. Opened circulating head and reversed out 35 sacks cement.

Witnessed by H. B. Leach
(Name)

Shell Oil Company
(Company)

Production Foreman
(Title)

Approved:

OIL CONSERVATION COMMISSION

F. D. Leigh
(Name)

(Title)

(Date)

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

Original signed by
F. D. Leigh

Name F. D. Leigh

Position Division Mechanical Engineer

Representing Shell Oil Company

Address Box 1957, Hobbs, New Mexico