

MEXICO OIL CONSERVATION COMMISSION

MISCELLANEOUS REPORTS ON WELLS

RECEIVED
OCT 30 1952

Submit this report in triplicate to the Oil Conservation Commission District Office within ten days after the work specified is completed. It should be signed and filed as a report on beginning drilling operations, results of shooting well, results of test of casing shut off, result of plugging of well, 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 REPAIRING WELL	
REPORT ON RESULT OF SHOOTING OR CHEMICAL TREATMENT OF WELL		REPORT ON PULLING OR OTHERWISE ALTERING CASING	
REPORT ON RESULT OF TEST OF CASING SHUT-OFF	X	REPORT ON DEEPENING WELL	
REPORT ON RESULT OF PLUGGING OF WELL			

October 27, 1952

Midland, Texas

Date

Place

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

El Capitan Oil Company State Well No. 1 in the
Company or Operator Lease
NW/4 of NE/4 of Sec. 2, T-9-S, R-35-E, N. M. P. M.,
Wildcat Pool Lea County.

The dates of this work were as follows: October 15-26, 1952

Notice of intention to do the work was (was not) submitted on Form C-102 on October 15, 1952,
and approval of the proposed plan was (was not) obtained. (Cross out incorrect words.)

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

Set 115 joints (4951.56') of 8-5/8", 32#, J-55 and S-80 casing at 4963' (RTM) with 1000 sacks of 4% gel cement plus 250 sacks of Strata-Crete on October 11, 1952. Top of cement at 2560' (RTM).

Perforated with four 1/2" holes at 2558' (RTM) and recemented with 750 sacks of 4% gel cement plus 188 sacks of Strata-Crete on October 13, 1952. Top of cement at 630' (RTM).

Perforated with four 1/2" holes at 630' (RTM) and recemented with 500 sacks of 4% gel cement on October 14, 1952. Cement circulated to surface.

Drilled top cement plug October 15, 1952, after WOC 24 hours. Tested and squeeze cemented perforations at 630' (RTM), under retrievable retainer with 50 sacks of neat cement October 16, 1952. Drilled plug October 17, 1952, after WOC 24 hours and tested perforations at 630' (RTM) with 1400# pump pressure. OK.

- Continued on Reverse Side -

Witnessed by L. C. Smith Name Mid-Western Drilling Co. Company Tool Pusher Title

APPROVED:
OIL CONSERVATION COMMISSION

Roy Yarbrough Name
Oil & Gas Inspector Title

OCT 30 1952
Date

I hereby swear or affirm that the information given above is true and correct.

Name S. W. Morrison

Position Production Superintendent

Representing El Capitan Oil Company

Address Box 310, Midland, Texas

Continued from front page.

Drilled second cement plug October 17, 1952, tested, and squeeze cemented perforations at 2558' (RTM) under Baker Model K retainer at 2532' (RTM) with 50 sacks of neat cement October 18, 1952. Attempted squeeze was unsuccessful. Cleared perforations and re-squeezed to 2800 psi.

While drilling cement retainer, stuck drill pipe on junk, and knocked hole in casing at 2535' (RTM) while jarring loose.

After drilling retainer, tested and found hole in casing. Squeezed with 100 sacks of neat cement under Baker Model K retainer at 2530' (RTM) on October 22, 1952.

WOC 24 hours and tested. Squeeze unsuccessful.

Again set Baker Model K retainer at 2530' (RTM) and squeezed with 100 sacks of neat cement on October 24, 1952. Attempted squeeze was unsuccessful. Cleared perforations and re-squeezed to 3600 psi.

Drilled Baker Model K retainer and cement plug and tested hole in 8-5/8" casing at 2535' (RTM) with 1400 psi pump pressure. OK.

Drilled remainder of plug and tested casing perforations at 2558' (RTM) with 1400 psi pump pressure. OK.

Drilled bottom plug to shoe and tested 8-5/8" intermediate string with 1400 psi pump pressure. OK.