

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

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	X	REPORT ON (Other)	

December 21, 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

Makin Drilling Company

(Company or Operator)

Warlick

(Lease)

Company tools

(Contractor)

Well No. 1 in the NE 1/4 NE 1/4 of Sec. 19

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

December 11 to 21, 1954

The Dates of this work were as follows:

Notice of intention to do the work (was) ~~(crossed)~~ submitted on Form C-101 on November 19, 1954,
(Cross out incorrect words)and approval of the proposed plan (was) ~~(crossed)~~ obtained.

Swabbed casing with 8 5/8" casing, nipped
on 8 5/8" and 800 pounds pressure for 20 minutes. No
drop in pressure was noted.

Picked up drill pipe and drilled out to 6670, finding and drilling cement
plugs at 2900', 5100', and 6600'. An open-hole bridging plug was placed at 6550' and
Cal-Seal, dump-bailed for a FBTD of 6541'. 5 1/2" casing cemented at 6535 with 400
sacks pumped through float shoe and 300 sacks pumped through Halliburton DV tool at
3912. W.O.C. - 48 hours. Pressured up on casing to 1000 pounds, no leak in pressure
noted. Drilled DV tool at 3912, and found cement inside 5 1/2" casing at 6390.

Perforated Tubb zone as follows: 6275 to 6325, 6363 to 6380, with 3 holes
per foot. Perforated Blinbry zone as follows: 5585, to 5603, 5630 to 5645, 5655 to 5680,
5690 to 5737, with 3 holes per foot. Limiting tubing at 6325 with tools as follows:
Brown Oil Tool packers at 6200 and 5500, Otis cross-over nipple at 5495.

Swabbed Tubb perforations dry natural, treated with 4000 gallons Hydroflo-
(80% acid, 20% kerosene, with 1 pound sand per gallon). Swabbed 4 BF PH, including
50% kerosene, 25% water, and 25% new oil. Blanked off Tubb formation and swabbed
Blinbry natural through tubing. Flow 50 MCF GPD. Treated Blinbry with 500 gallons
mud acid. No change in volume. Treated with 6000 gallons regular acid, and 1000 gallons
temporary Gel-Block, flow 600 MCF GPD. Treated with 12,000 gallons regular acid.
Flow 750 MCF GPD, through open 2". Flowing tubing pressure 425 pounds, 24 hours,
SHIT 1775 pounds. Distillate content to be determined upon erection of storage tanks,
estimated at 25 BD PD.