

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		REPORT ON Perforating, (Other) Acidizing	X

May 5, 1955
(Date)Hobbs, New Mexico
(Place)

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

Humble Oil & Refining Company
(Company or Operator)New Mexico State 3
(Lease)Geackle Drilling Company
(Contractor)

Well No. 23 in the SE 1/4 SE 1/4 of Sec. 2

T. 22-S, R. 37-E, NMPM., Blinberry and Tubb Pool, Lea County.

The Dates of this work were as follows: 4-25 to 4-30-55

Notice of intention to do the work (was) ~~XXXX~~ submitted on Form C-102 on 3-16, 1955,
(Cross out incorrect words)and approval of the proposed plan (was) ~~XXXX~~ obtained.

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

Perforated casing from 5996-6011, 6023-6048, 6060-6118, 6128-6146, and 6154 to 6185 feet with 2 jet shots per foot. Set Baker Model D-5 production packer at 5975 feet. Tubing set at 6108 feet. Lower Garrett sleeve set at 6077 feet. Top sleeve set at 5940 feet. Four joints tubing below packer. Swabbed well dry, very slight show of gas. Treated with 3000 gallons LT acid, maximum pressure 2850#, minimum 2200#, injection rate 3.6 BPM. Began swabbing and well kicked off and flowed load oil and acid water, gas at rate of 313 Maf per day. Treated with 9000 gallons LT acid, maximum pressure 3200#, minimum 2000#, injection rate 6 BPM. Tested well at 2550 Maf per day (Tubb sons). Closed lower Garrett sleeve and pulled tubing. Perforated casing with 2 jet shots per foot from 5428-5470, 5490-5508, and 5515 to 5545 feet, 180 shots. Ran tubing and displaced salt water with fresh water, and set tubing in receptacle. Washed perforations with 500 gallons mud acid. Formation broke down with 2000#. Treated with 3000 gallons LT acid, maximum pressure 2100#, broke to 1900#, injection rate 3.5 BPM. Well started flowing after swabbing part of load water. Tested well through tubing on 26/64-inch choke, recovered 95 barrels load water

Witnessed by J. E. D. [Signature] Humble Oil & Refining Company Tool Pusher
(Name) (Company) (Title)

on attached sheet)

Approved: OIL CONSERVATION COMMISSION

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

Name M. M. [Signature]Position District SuperintendentRepresenting Humble Oil & Refining CompanyAddress Box 2347, Hobbs, New Mexico

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Continuation Sheet - Form C-103

Humble Oil & Refining Company

New Mexico State 3-23

and acid, 1300# tubing pressure, gas at rate of 4761 Mcf per day. Opened casing on 1/2-inch choke for 2-hour test. Recovered 29 barrels fluid, gas at rate of 6013 Mcf per day, casing pressure 1150#, after 45 minutes shut-in, casing pressure 1850#. Closed upper Garrett sleeve and bled off pressure on tubing. Left tubing open 15 minutes, no leaks. Pressure up on tubing and opened lower sleeve. Flowed well 15 minutes to check on sleeve opening.

Well now shut in to await pipe line connection.

Witnessed by: *Joe D. Ginn* Humble Oil & Refining Company Tool Pusher
(Name) (Company) (Title)

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

Name *m m Rogers*

Position District Superintendent

Representing Humble Oil & Refining Company

Address Box 2347, Hobbs, New Mexico

jmb