

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	<input checked="" type="checkbox"/>	REPORT ON (Other)	

May 26, 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 8

(Lease)

C. S. Ham

(Contractor)

Well No. 6 in the 1/4 1/4 of Sec. 2

T. 22S R. 37E, NMPM., Paddock Pool, Lea County.

The Dates of this work were as follows: 5-12 to 5-25-55

Notice of intention to do the work (was) (~~was~~) submitted on Form C-102 on 2-21, 1955

(Cross out incorrect words)

and approval of the proposed plan (was) (~~was~~) obtained.

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

Pulled blank tubing choke, cleaned, reran tubing choke and set at 5165'. Filled tubing with oil and ran sonic log. No indication of course of gas. Moved in and rigged up C. S. Ham pulling unit. Mixed and killed well with 9.0# salt water. Palled 2" tubing and reran with Baker cast iron bridge plug and 70' of 2-1/2" magnesium tailpipe. Set bridge plug at 5081 feet with tailpipe at 5162 feet. Squashed perforations from 5130 to 5204 feet in three stages: 1st stage 30 sacks regular cement, pressure 1400#; waited 8 hours, second stage 30 sacks regular cement, pressure 2100#; waited 8 hours, third stage 30 sacks regular cement, pressure 4200#. Perforated 5-1/2-inch casing from 5010 to 5025 feet with 4 bullets per foot. Ran 1 1/4 joints tubing, TBN packer and holddown, packer set at 4996 feet. Scrubbed dry in 3 hours. Treated with 300 gallons H₂SO₄ acid, pressure 2300 to 2300#, injection rate 2.8 BBL. Scrubbed well dry, pulled packer and holddown, reran tubing. Sand-oil treated formation thru perforations in 5-1/2-inch casing from 5010 to 5025 with 6,000 gallons refined oil containing 1# sand per gallon, treated down casing and tubing. Perforation test OK at 2800#. Treating pressure 2700# to 2900# at an average injection rate of 17.9 BBL. Overflushed with 72

Witnessed by

(Name)

(Company)

(Title)

Approved:

OIL CONSERVATION COMMISSION

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

Name

Position

Representing

Address

Agent

Humble Oil & Refining Co.

Box 2347, Hobbs, New Mexico

(Title)

(Date)

barrels lease oil. Total oil used 455 barrels. Swabbed well 2 hours, well started flowing at rate of 18 to 24 barrels per hour on 1/2" choke. Taking pressure 40# to 100#, casing pressure 650#. Flowed 306 barrels lease oil and 88 barrels water in 18 hours. Chloride content of water 35,000 PPM, average 18 to 24% water, gas at rate of 134 Mcf/day. Flowed and swabbed 251.41 barrels fluid consisting of 107.29 barrels oil, 144.12 barrels water, chloride content 45,000 PPM, bleed-off test indicated 55% water. Swabbing continued until May 22 when all treating oil was recovered. On this day a total of 57 barrels of new oil, corrected gravity 33.7°, was produced. Ran pump and 3/4-inch rods and well failed to pump. On May 24, on a 15-hour pumping test the well produced 128 barrels of fluid, 66 barrels of oil, shakeout 48%, chloride content of water 50,000 PPM, corrected gravity of oil 34°. On a 24-hour pumping test on May 25 the well produced 93.95 barrels fluid, 48.85 barrels oil, shakeout 48% water, corrected gravity of oil 36.4°.

Witnessed by:

G. L. Elliott

Humble Oil & Refining Company
Company

Farmhouse
Title

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

Wm. M. Rogers
Name

AGENT

Position

Representing Humble Oil & Refining Co.

Address Box 2347, Hobbs, N. M.

JMB/mcb

Representing Humble Oil & Refining Co.

Address _____

don/EML