

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 Plug-back, (Other) Perforating, and fracture treatment	<input checked="" type="checkbox"/>

May 12, 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 AG  
(Lease)

J. P. Gibbins  
(Contractor)

Well No. 1 in the SW 1/4 SW 1/4 of Sec. 1

T. 20-S, R. 37-N, NMPM, Undesignated Pool, Lea County.

The Dates of this work were as follows: 4-18 to 5-11-55

Notice of intention to do the work (was) ~~made~~ submitted on Form C-102 on 4-18, 1955.  
(Cross out incorrect words)

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

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

Set cement retainer at 5368 feet and squeezed perforations with 50 sacks bulk cement at maximum pressure of 4000#. Put 30 sacks in formation, reversed 17 sacks. Cement retainer set at 5368' in error. Drilled out to 5402 feet. Set second bridge plug at 5396 feet, and perforated from 5337 to 5390 feet with four bullets per foot. Ran tubing and packer and set at 5358 feet. Treated well with 500 gallons LF acid, maximum pressure 3400#, minimum pressure 2700#, injection rate 1.5 BPM. Swabbed six hours and recovered 63 barrels of fluid consisting of 6 barrels of oil and 57 barrels water, chloride content 36,000 PPM. Ran water locator and found water entering from 5383 to 5388. Drilled out to 5430 feet. Perforated with 4 bullets at 5425 feet and ran tubing and set cement retainer at 5408 feet. Pressured casing through perforations below retainer, pumped water into formation and 3/4 BPM with 4200#. No communication above or below retainer. Ran dump bailer and spotted 4' hydromite on top of bridge plug at 5408 feet. Ran magnesium retainer and set at 5334 feet. Ran tubing and spotted 20 barrels oil in annulus. Tied into retainer and squeezed 50 sacks cement, mixed in 10 barrels kerosene, beneath retainer. Slurry weight 15#. Max-

Witnessed by *M. E. [Signature]* Humble Oil & Refining Company Farm Boss  
(Name) (Company) (Title)

Approved: *A. H. [Signature]*  
OIL CONSERVATION COMMISSION  
(Name)

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

Name *Wm. W. Rogers*

Position District Superintendent

Representing Humble Oil & Refining Company

Address Box 2347, Hobbs, New Mexico

(Title)

(Date)