

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 Sand Fracture (Other)	X

April 6, 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)Company Unit and J. P. "Bum" (Mibbins
(Contractor)

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

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

The Dates of this work were as follows: 2-23- to 3-20-55

Notice of intention to do the work (was) (~~written~~) submitted on Form C-102 on 2-21, 1955,
(Cross out incorrect words)and approval of the proposed plan (was) (~~written~~) obtained.

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

Treated perforations from 5090 to 5115 and 5130 to 5204 feet thru 5-1/2-inch casing with 20,000 gallons refined oil and 30,000 pounds sand. Formation broke down at 2800# at injection rate of 24.8 barrels per minute. Maximum treating pressure 3300# at 24.8 barrels per minute. Minimum treating pressure 2700# at 24.8 barrels per minute. Final pressure 1400#. Flushed with 408 barrels lease crude. Well shut in after treatment.

After shut-in well flowed back 112 barrels load oil with 1000# casing pressure. Shut-in pressure 1750#, opened well on 30/64-inch choke and flowed gas at rate of 8,240 Mcf per day. Produced condensate at rate of 128 barrels per day.

Tested above packer and found communication between perforated intervals. Dumped 10 feet cement on packer at 5120, and perforated casing at 5035 feet with 2 jet shots.

Set packer at 5058 feet and pressure casing above packer to test for communication thru (cont'd on attached sheet)

Witnessed by *D. E. Elliott*
(Name)Humble Oil & Refining Company
(Company)Farm Boss
(Title)Approved: *A. J. Stanley*
OIL CONSERVATION COMMISSION
(Name)

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 Max 2347, Hobbs, New Mexico
jmb

(Title)

(Date)

FORM C-103
Continuation Sheet, Humble Oil & Refining Company
New Mexico State S-6

perforations at 5035 feet. Tested at 2000# for 30 minutes. No loss through perforations. Pressured below packer and formation took fluid at 500#. Pulled tubing and packer and dumped 12 gallons Hydromite on top of cement plug at 5117 feet. Plugged back to 5108 feet. After 8 hours setting time filled casing with 14 barrels water and pressured casing. Formation took fluid at 1000#. Pumped into perforations from 5090 to 5108 feet at 2 BPM at 2000#. Ran 2-inch tubing and Baker Model K magnesium retainer. Set retainer at 5000 feet. Pumped 15 barrels water into formation at 2 BPM at 2000#. Squeezed at 5035 feet and from 5090 to 5108 feet with 50 sacks regular cement. Squeezed at 5600#, 23.5 sacks in formation, 10 sacks left in casing, reversed 16 sacks.

Went in hole with tubing and 4-3/4-inch bit and drilled plug after 24 hours. Drilled magnesium retainer, 105 feet of hard cement, 9 feet of hard Hydromite, and 7 feet of hard cement above production packer. Tested casing perforations at 5035 and from 5090 to 5115 feet with 1200# CWP for 30 minutes. No pressure drop. Drilled out production packer and washed to bottom at 5210 feet. Formation under packer took 200 barrels fluid while washing to bottom. Ran 170 joints 2-inch tubing and set at 5196 feet. Began scrubbing well, kicked off and flowed 178 barrels salt water on 25/64-inch choke in 6 hours. Gas at rate of 1,180 Mcf per day. On 7 hour test on 1/4-inch choke produced 10 barrels salt water, tubing pressure 1150#, casing pressure 1800#. On 20/64-inch choke well flowed 2,563 Mcf per day, fluid at one barrel per hour, 85% water, 15% condensate. Flowing tubing pressure 1450#, casing pressure 1650#. Shut in pressure after 3 hours, tubing 1650#, casing 1800#. On 16 hour test well produced load water and condensate at rate of 3-1/2 barrels per hour, 72% water. Total fluid produced 58 barrels, 16 barrels condensate. On 20/64-inch choke, well produced gas at rate of 2,563 Mcf per day. Tested well 24 hours on 3/8-inch choke, produced 57 barrels fluid, 20 barrels 60 gravity condensate. Gas volume 4,173 Mcf. Flowing tubing pressure 1325#, casing pressure 1525#.

Ran temperature surveys in attempt to determine point of gas entry. Well presently shut in to await coring and testing of New Mexico State S-23.

witnessed by: G. L. Elliott Humble Oil & Refining Company Farm Boss
(Name) (Company) (Title)

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

[illegible][illegible]

and cooperative efforts in attempts to ascertain point of entry. Field presence of the FBI and the FBI's Office of the Inspector General is to assist in the investigation of the case.

1951.01.01 (уездное)

It is a very serious thing that the Government should be accused of such a thing. It is a very serious thing that the Government should be accused of such a thing. It is a very serious thing that the Government should be accused of such a thing.

1. Mr. J. Edgar Hoover
 2. Director
 3. Federal Bureau of Investigation
 4. U. S. Department of Justice
 5. Washington, D. C.