

NEW MEXICO OIL CONSERVATION COMMISSION

MISCELLANEOUS REPORTS ON WELLS

(SUBMIT TO APPROPRIATE DISTRICT OFFICE AS PER COMMISSION RULE 1104)

COMPANY Humble Oil & Refining Company Box 2367 - Hobbs, New Mexico
(ADDRESS)

LEASE New Mexico State V WELL NO. 11 UNIT 1 S 10 T 21-S R 27-E
DATE WORK PERFORMED 11-3-58 thru 12-2-58 POOL Blinberry and Tubb

THIS IS A REPORT OF: (CHECK APPROPRIATE BLOCK)

☐ BEGINNING DRILLING OPERATIONS

☐ PLUGGING

☐ RESULTS OF TEST OF CASING SHUT-OFF

☐ REMEDIAL WORK

☒ OTHER Recompletion as dual well

DETAILED ACCOUNT OF WORK DONE, NATURE AND QUANTITY OF MATERIALS USED AND RESULTS OBTAINED.
Squeezed Hare Field Perforations 7680-7752" w/ 50 sacks cement below Baker packer at 7600". Tested casing w/ 2000 PSI for 30 minutes. Test satisfactory. Perforated Tubb zone from 6108-6118; 6140-6150; 6194-6222; 6238-6248; and 6262-6290" with 2 bullets/ft. Set Baker model O packer at 6002". Perforated Blinberry zone from 5594-5599; 5613-5623; 5645-5648; 5655-5655; 5663-5671; 5674-5684; 5712-5722; and 5737-5753" with 2 bullets/ft. Ran 2" tbg. to 6045" through Blinberry. Produced gas at rate of 96 Mcf/day. Treated Tubb w/ 3,000 gals 15% HCl acid through perforations from 6108-6290". Swabbed well in and placed on test. Set tubing plug in seating nipple at 6045" and opened circulating valve at 5967". Swabbed down well. Blinberry zone came in naturally. Closed circulating valve at 5967" and removed tubing plug at 6035". Completed well to produce Tubb zone through tubing and Blinberry zone through tubing-casing annulus. Conducted packer leakage test. No communication between zones within the well bore was indicated.

A diagrammatic sketch of the dual completion is attached.

FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

ORIGINAL WELL DATA:

DE ELEV. 3462 TD 7765 PROD. INT. 5520-7752 COMPL DATE 12-4-58

TBNG. DIA. 4" TBNG. DEPTH 7708 OIL STRING DIA. 2 1/2" OIL STRING DEPTH 7785

PERF INTERVAL(S) 7620-7694, 7706-7712, 7720-7752

OPEN HOLE INTERVAL None PRODUCING FORMATION(S) Simpson

RESULTS OF WORKOVER:

	BEFORE	AFTER	
	Hare 4-18-58	Blinberry 11-24-58	Tubb 11-17-58
DATE OF TEST			
OIL PRODUCTION, BBLs. PER DAY	12	24	20
GAS PRODUCTION, MCF PER DAY	25	1103	1720
WATER PRODUCTION, BBLs. PER DAY	-	0	0
GAS-OIL RATIO, CU. FT. PER BBL	1994	45,938	6,000
GAS-WELL POTENTIAL (WELL PER DAY) Fluid Gravity, °API	-	50.0	43.0

WITNESSED BY W.D. Duke

Humble Oil & Refining Company
(COMPANY)

OIL CONSERVATION COMMISSION

NAME [Signature]
TITLE [Signature]
DATE [Signature]

I HEREBY CERTIFY THAT THE INFORMATION GIVEN ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

ORIGINAL NAME SIGNED R. R. ALWORTH

POSITION Agent

COMPANY Humble Oil & Refining Company