



SHELL OIL COMPANY

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THIS LETTER IS FROM OUR
FIELD OFFICE

AT Box 1957
Hobbs, New Mexico

August 1, 1952

Subject: Dual Completion Shell Sarkeys
2 and Shell Turner 5, Blinebry
(gas) - Drinkard (oil).

New Mexico Oil Conservation Commission
Hobbs, New Mexico

Gentlemen:

In compliance with Order No. R-131 concerning Cases 335 and 336 (Application of Shell Oil Company to dually complete and produce Sarkeys 2 and Turner 5 as Blinebry (gas) - Drinkard (oil) wells) we are enclosing diagrammatic sketches of the mechanical installations in the subject wells. As shown on these sketches the Blinebry gas zone is separated from the Drinkard oil zone by a Baker retainer production packer; the Drinkard oil will be produced through the tubing and the Blinebry gas is to be produced through the casing-tubing annulus. The tubing string contains a side-door choke assembly above the packer which permits the recording of reservoir pressures of each zone.

At the present time the Blinebry gas zone is not being produced in either well pending installation of storage facilities. However, a back pressure test of the Blinebry has been taken in each well and the details of these tests are shown on the enclosed Forms C-122. Pertinent production data of each well are as follows:

Sarkeys 2 *See 3-21-52-376*

Oil Production - Drinkard - 7-3-52 - 46 b/d
Gas-Oil Ratio - Drinkard - 7-3-52 - 2262 cu. ft./bbl.
Reservoir Pressure - Drinkard - @3050 feet subsea 7-21-52 -
1471 psi.
Flowing Tubing Pressure - Drinkard - 7-3-52 - 125 psi.
~~Shut-In Tubing Pressure - Drinkard - 7-21-52 - 575 psi.~~
Absolute Open Flow Potential - Blinebry - 7-3-52 - 10,700
Mcf/day.
Gas-Liquid Ratio - Blinebry - 7-3-52 - 106,800 cu. ft./bbl.
Reservoir Pressure - Blinebry - @2204 feet subsea - 7-3-52
(calculated) 2268 psi
Flowing Casing Pressure - Blinebry - 7-3-52 - 680 to 1605
psig depending upon choke size (See Form C-122)
Shut-In Casing Pressure - Blinebry - 7-3-52 - 1879 psig.