

Post Office Box 68
Hobbs, New Mexico

HOBBBS OFFICE COO

1954 MAY 25 PM 3:44

May 24, 1954

FILE: KJB-211-401

SUBJECT: Dual Completion Southland
Royalty A No. 5, Blinebry
and Drinkard Fields

New Mexico Oil
Conservation Commission (2)
Santa Fe, New Mexico

Gentlemen:

Oil Conservation Commission Order No. DC-105 dated April 21, 1954, approved dual completion in the Blinebry and Drinkard formations of Stanolind's Southland Royalty "A" No. 5 located 1980 feet from the South and 660 feet from the East lines of Section 4, T-21-S, R-37-E, Lea County, New Mexico. The order, among other things, stipulated that upon the actual dual completion a diagrammatic sketch of the mechanical installation which was actually used to complete and produce the seal between the strata and a special report of production, gas-oil ratio and reservoir pressure of each producing zone would be filed.

In accordance with the aforementioned order the following data are furnished:


Following a 72 hour shut-in period of both pays on May 4, 1954, the bottom hole pressure of both pays was determined at a datum of -2366', which is at a depth opposite casing perforations in the Blinebry pay. The pressure as determined with a bomb in the tubing of the Drinkard was 1240 psig. At the same datum the pressure in the annulus as determined from the surface pressure and corrected by the use of acoustic well sounding equipment was 2408 psig for the Blinebry. Surface tubing pressure was 993 psig and surface casing pressure was 1689 psig.

During a test on April 13, 1954 the Blinebry flowed at a rate of 2170 MCFPD with a gas liquid ratio at 217,000 cu. ft. per barrel through a 20/64" choke with a flowing casing pressure of 850 psig. On a production test of the Drinkard on April ~~16~~ 1954 the well produced 36 BC and 0 BW in 24 hours with a GOR of 5656 through a 14/64" choke. The flowing tubing pressure was 300 psi.

The above data indicates no communication between the Blinebry and Drinkard pays.

Also, attached is the diagrammatic sketch of the mechanical installation which was actually installed and used to segregate production from the two producing zones.

Yours very truly,


Ralph L. Hendrickson
Field Superintendent

L/S:bc

cc: New Mexico Oil Conservation Commission
Hobbs, New Mexico

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