Post Office Box 68
Hobbs, New Mexico

May 25, 1954

FILE: KJB-213-401

SUBJECT: Dual Completion Southland Royalty A No. 2, Tubb and Drinkard Fields

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

Gentlemen:

Oil Conservation Commission Order No. DC-59 dated January 22, 1954, approved dual completion in the Tubb and Drinkard formations of Stanolind's Southland Royalty "A" No. 2 located 660 feet from the North line and 1980 feet from the East line Section 9, 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 48 hour shut-in period of both pays on May 3, 1954, the bottom hole pressure of both pays was determined at a datum of -2865', which is at a depth opposite casing perforations in the Tubb pay. The pressure as determined with a bomb in the tubing of the Drinkard was 1850 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 2385 psig for the Tubb. Surface tubing pressure was 1464 psig and surface casing pressure was 2006 psig.

During a test on March 2, 1954 the Tubb flowed at a rate of 1025 MCFPD with a flowing casing pressure of 1895 psig. On a production test of the Drinkard on March 19, 1954 the well produced 28 BO and 0 BW in 24 hours with a GOR of 4879 through a 20/64" choke. The flowing tubing pressure was 200 psi.

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

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

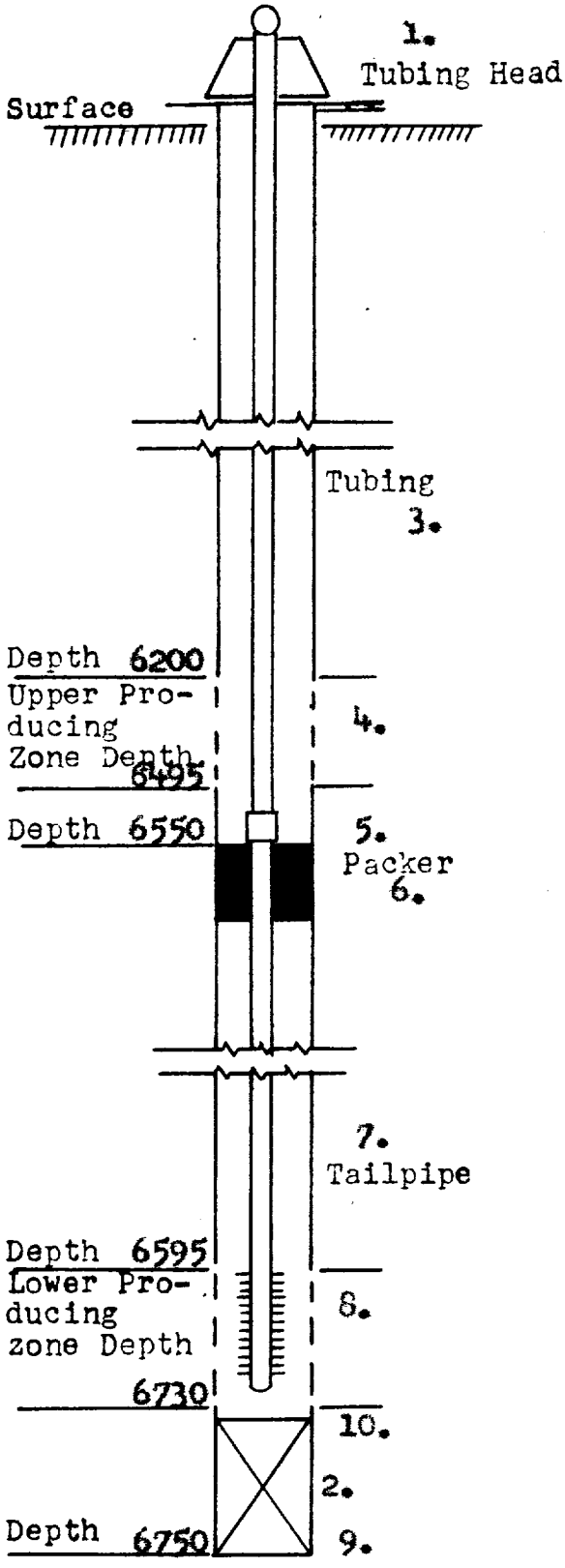
Yours very truly,

Ralph L. Hendrickson

Ralph L. Hendrickson
Field Superintendent

LWS:bc
cc: New Mexico Oil Conservation Commission
Hobbs, New Mexico

Attach: 1



Lease and Well No. Southland Royalty "A" #2
Field Drinkard - oil State New Mexico
Tubbs - gas

DUAL COMPLETION EQUIPMENT	
ITEM	DESCRIPTION, MAKE AND SIZE
1.	Tubing Head - 600 series type 6M Rector head Nom 10" x 6"
2.	Oil String - 7" 23# J-55 and N-80 set at 6740' with 3000 sacks cement.
3.	Tubing: 2-1/2" Nom. 6.5# J-55 set at 6550' in packer.
4.	Upper Perforations: Tubbs 6200' to 6300'; 6330' to 6340'; 6385' to 6405'; 6455' to 6465'; 6488' to 6495' with 2 shots per foot.
5.	Circulating Valve: Garrett Oil Tool Type "A" immediately above packer.
6.	Packer: Baker Retainer Production Model D set at 6550'.
7.	Tailpipe: 2" 4.7# EUE J-55 from 6550' to 6675'.
8.	Lower Perforations: Drinkard 6595' to 6625'; 6675' to 6685'; 6700' to 6730'
9.	Total Depth 6750'
10.	Plugback Depth 6730'

STANOLIND OIL & GAS COMPANY	SCALE:
DUAL COMPLETION SKETCH	DRG. NO.