

PAN AMERICAN PETROLEUM CORPORATION

Box 487, Farmington, New Mexico

June 2, 1958

File: B-2199-400.1

Subject: Packer Leakage Test
O. H. Randel "A" No. 1
Unit L, Section 9, T26N, R11W

Mr. E. C. Arnold (2)
New Mexico Oil Conservation Commission
1000 Rio Brazos Road
Aztec, New Mexico

Dear Sir:

As discussed in your telephone conversation with Mr. R. M. Bauer May 29, 1958, we are forwarding, as an attachment to this letter, test results obtained during completion operations on our O. H. Randel "A" No. 1. These data show that effective separation of the Gallup and Dakota zones has been achieved.

Yours very truly,

PAN AMERICAN PETROLEUM CORPORATION

L. O. Speer, Jr. / B. J. R. L.
L. O. Speer, Jr.
Field Superintendent

RMB:ep

Attachment



COMPLETION DATA
O. H. RANDEL "A" NO. 1

<u>Date</u>	<u>Gallup Zone</u>	<u>Dakota Zone</u>
	Baker Model "D" production packer set at 6045'.	
	2-3/8" Dakota tubing landed at 6201' with 156 ft. of tail pipe below packer.	
	2-3/8" Gallup tubing landed at 5464'.	
4-22-58	<i>Gallup</i> Started testing operations.	Swab water from tubing to bring in Dakota. Blew 1 hr. w/flow rate 9662 MCFPD. Shut-in zone.
4-23-58	Swab back 116 bbls. load oil in 46-1/2 hrs.	SITP 2050 psig at start of swabbing.
4-24-58	Flow 239 bbls. load oil in 14-1/2 hrs. Shut-in zone.	SITP 2075 psig at end of flow period.
4-27-58	SITP 350 psig and SICP 850 psig after 51-1/2 hrs. Opened up zone and died.	SITP 2060 psig after 60 hrs.
4-28-58	SITP 300 psig and SICP 850 psig after 23 hrs. Opened zone and started flowing new oil.	
4-29-58	Flow 100 bbls. oil in 5-1/2 hrs. on 30/64" choke, 85 bbls. oil in 14 hrs. on 20/64" choke, and pinched back to 18/64" choke to continue cleaning up zone. FTP 300 psig and FCP 925 psig.	SITP 2025 psig after 104 hrs.
4-30-58 to 5-12-58	Well produced continuously and made 1110 bbls. of oil for first 11 days in May.	
5-12-58 and 5-13-58	Continued uninterrupted production from Gallup zone, with no fluctuation in FTP 400 psig and FCP 950 psig by dead weight tester.	SITP 2060 psig after 13 days by gauge reading (as are all of the above). Equivalent dead weight tester reading 2040 psig. Opened Dakota and flow 27 hrs. but back pressure tests inconclusive. Gas rate 5864 MCFPD at end of test with FTP 465 psig by dead weight tester. SITP 1845 psig by dead weight tester after 1 hr.

