

NEW MEXICO OIL CONSERVATION COMMISSION
SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

Operator Continental Oil Company			Lease Cooper 8			Well No. 1	
Location of Well	Unit L	Sec 8	Twp 24	Rge 37	County Lea		
	Name of Reservoir or Pool		Type of Prod (Oil or Gas)	Method of Prod Flow, Art Lift	Prod. Medium (Tbg or Csg)	Choke Size	
Upper Compl	Jalmat		Gas	Flow	Gas	Orifice 1.500"	
Lower Compl	Langlie Mattix		Oil	G.L.	Tbg	1" Plug Valve	

FLOW TEST NO. 1

Both zones shut-in at (hour, date): 10:30 A. M. 1-6-64

Well opened at (hour, date):	10:00 A. M. 1-7-64	Upper Completion	* Lower Completion
Indicate by (X) the zone producing.....			X
Pressure at beginning of test.....	625		22
Stabilized? (Yes or No).....	Yes		Yes
Maximum pressure during test.....	625		22
Minimum pressure during test.....	625		0
Pressure at conclusion of test.....	625		0
Pressure change during test (Maximum minus Minimum).....	None		22
Was pressure change an increase or a decrease?.....	None		Decrease
Well closed at (hour, date):	10:00 A. M. 1-8-64	Total Time On Production	24:00 Hours
Oil Production		Gas Production	
During Test:	0 bbls; Grav. --	During Test	TSTM MCF; GOR TSTM

Remarks *This well normally gas lifted with gas from Jalmat Zone. Jalmat zone has been shut-in due to over production. Oil zone opened to flow naturally (no input gas).

FLOW TEST NO. 2

Well opened at (hour, date):	10:00 A. M. 1-9-64	* Upper Completion	Lower Completion
Indicate by (X) the zone producing.....		X	
Pressure at beginning of test.....	625		0
Stabilized? (Yes or No).....	Yes		Yes
Maximum pressure during test.....	625		0
Minimum pressure during test.....	585		0
Pressure at conclusion of test.....	585		0
Pressure change during test (Maximum minus Minimum).....	40		None
Was pressure change an increase or a decrease?.....	Decrease		None
Well closed at (hour, date)	10:00 A. M. 1-10-64	Total time on Production	24:00 Hours
Oil Production		Gas Production	
During Test:	None**bbls; Grav. --	During Test	980 MCF MCF; GOR --

Remarks *Permission for 24 hr flow given by NMOCC.(Hobbs) **No separation provided. No evidence of communication.

I hereby certify that the information herein contained is true and complete to the best of my knowledge.

Approved _____ 19 _____
New Mexico Oil Conservation Commission

By _____
Operator Continental Oil Company

By _____
Supervising Engineer

Title _____

Date _____ January 23, 1964

NMOCC(3) File

SOUTHEAST NEW MEXICO PACKER LEAKAGE INSTRUCTIONS

1. A packer leakage test shall be commenced on an annulus multiple completion well within seven days after actual completion of the well, and annually thereafter as prescribed by the order authorizing the multiple completion. Such tests shall also be commenced on all multiple completions within seven days following recompletion and/or chemical or fracture treatment, and whenever remedial work has been done on a well during which the packer or the tubing have been disturbed. Tests shall also be taken at any time that communication is suspected or when requested by the Commission.
2. At least 72 hours prior to the commencement of any packer leakage test, the operator shall notify the Commission in writing of the exact time the test is to be commenced. Offset operators shall also be so notified.
3. The packer leakage test shall commence when both zones of the dual completion are shut-in for pressure stabilization. Both zones shall remain shut-in until the well-head pressure in each has stabilized and for a minimum of two hours thereafter, provided however, that they need not remain shut-in more than 24 hours.
4. For Flow Test No. 1, one zone of the dual completion shall be produced at the normal rate of production while the other zone remains shut-in. Such test shall be continued until the flowing well-head pressure has become stabilized and for a minimum of two hours thereafter, provided however, that the flow test need not continue for more than 24 hours.

5. Following completion of Flow Test No. 1, the well shall again be shut-in, in accordance with paragraph 3 above.

6. Flow Test No. 2 shall be conducted even though no leak was indicated during Flow Test No. 1. Procedure for Flow Test No. 2 is to be the same as for Flow Test No. 1 except that the previously produced zone shall remain shut-in while the previously shut-in zone is produced.
7. All pressures, throughout the entire test, shall be continuously measured and recorded with recording pressure gauges, the readings of which must be checked with a deadweight tester at least twice, once at the beginning and once at the end, of each flow test.
8. The results of the above-described tests shall be filed in the District Office within 15 days after completion of the test. Tests shall be filed with the appropriate District Office of the New Mexico Oil Conservation Commission on Southeast New Mexico Packer Leakage Test Form Revised 1-1-58 together with the original pressure recording gauge charts with all the deadweight pressures which were taken indicated thereon. In addition, in filing the aforesaid charts, the operator may construct a pressure versus time curve for each zone of each test, indicating thereon all pressure changes which may be reflected by the gauge charts as well as all deadweight pressure readings which were taken. If the pressure curve is submitted the original chart must be permanently filed in the operator's office. Form C-116 shall also accompany the Packer Leakage Test Form when the test period coincides with a gas-oil ratio test period.

A full page of graph paper with a uniform grid of small squares. The grid covers the entire area of the page, leaving only a small margin at the bottom where some faint, illegible markings are visible.