

This form is not to be used for reporting packer leakage tests in Southeast New Mexico

NEW MEXICO OIL CONSERVATION COMMISSION

Revised 11-1-58

NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

Operator Redfern Development Corp. Lease Largo Spur Well No. 1
Location of Well: Unit 1 Sec. 18 Twp. 24 North Rge. 6 West County San Juan
Type of Prod. Method of Prod. Prod. Medium
(Oil or Gas) (Flow or Art. Lift) (Tbg. or Csg.)

Name of Reservoir or Pool	Type of Prod. (Oil or Gas)	Method of Prod. (Flow or Art. Lift)	Prod. Medium (Tbg. or Csg.)
Upper Completion <u>Gallup</u>	<u>Gas</u>	<u>Flow</u>	<u>Tbg.</u>
Lower Completion <u>Dakota</u>	<u>Gas</u>	<u>Flow</u>	<u>Tbg.</u>

PRE-FLOW SHUT-IN PRESSURE DATA

Upper Compl	Hour, date Shut-in	Length of time shut-in	SI press. psig	Stabilized? (Yes or No)
	<u>Gallup</u>	<u>7 days</u>	<u>552</u>	<u>No</u>
Lower Compl	Hour, date Shut-in	Length of time shut-in	SI press. psig	Stabilized? (Yes or No)
	<u>Dakota</u>	<u>7 days</u>	<u>1452</u>	<u>No</u>

FLOW TEST NO. 1

Commenced at (hour, date)* <u>7-31-67</u>				Zone producing (Upper or Lower):	
Time (hour, date)	Lapsed time since*	Pressure		Prod. Zone Temp.	Remarks
		Upper Compl.	Lower Compl.		
<u>8-4-67</u>	<u>4 days</u>	<u>554</u>	<u>462</u>		
<u>8-7-67</u>	<u>4 days</u>	<u>555</u>	<u>454</u>		

Production rate during test

Oil: 75 BOPD based on MCFPD Tested thru (Orifice or Meter): Meter
Gas: 75 Bbls. in Hrs. Grav. GOR

MID-TEST SHUT-IN PRESSURE DATA

Upper Compl	Hour, date Shut-in	Length of time shut-in	SI press. psig	Stabilized? (Yes or No)
	<u>7-24-67</u>	<u>21 days</u>	<u>555</u>	<u>No</u>
Lower Compl	Hour, date Shut-in	Length of time shut-in	SI press. psig	Stabilized? (Yes or No)
	<u>8-7-67</u>	<u>7 days</u>	<u>1450</u>	<u>No</u>

FLOW TEST NO. 2

Commenced at (hour, date)**				Zone producing (Upper or Lower):	
Time (hour, date)	Lapsed time since **	Pressure		Prod. Zone Temp.	Remarks
		Upper Compl.	Lower Compl.		
<u>8-18-67</u>	<u>4 days</u>	<u>297</u>	<u>1484</u>		
<u>8-21-67</u>	<u>7 days</u>	<u>285</u>	<u>1488</u>		

Production rate during test

Oil: 750 BOPD based on MCFPD Tested thru (Orifice or Meter): Meter
Gas: 750 Bbls. in Hrs. Grav. GOR

REMARKS:

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

Approved: 9-27-1967
New Mexico Oil Conservation Commission

By Arthur G. Gaudin

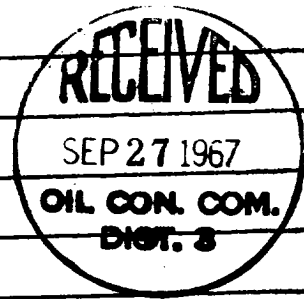
Title PETROLEUM ENGINEER DIST. NO. 3

Operator Redfern Development Corp.

By James L. Jacob

Title Agent

Date 9-26-67



INSTRUCTIONS FOR THE DAKOTA FORMATION TEST

1. A flow test shall be conducted on each multiple completion well within 30 days after completion of the well, and annually thereafter until the well is abandoned. The test shall be conducted on all multiple completion wells within 30 days of completion and for channels or fractures treatment, and the test shall be conducted on all multiple completion wells within 30 days of completion and for channels or fractures treatment, and the test shall be conducted on all multiple completion wells within 30 days of completion and for channels or fractures treatment.
2. At least 72 hours prior to the commencement of any pressure transient test, the operator shall notify the Commission in writing of the date the test is to be conducted. Direct operators shall also be notified.
3. The pressure transient test shall commence when both ends of the dual completion are shut-in for pressure stabilization. With the use of the main shut-in, the well-head pressure in each dual completion, produced pressure, shall not remain shut-in more than seven days.
4. For Flow Test No. 1, one zone of the dual completion shall be shut-in for a period of seven days in the case of a gas well and 30 days in the case of an oil well. For Flow Test No. 2, the well-head pressure shall be maintained at a level which is being forced by the well due to the 100 psi or greater completion the flow period shall be 30 hours.
5. Following completion of Flow Test No. 1, the well shall remain shut-in, in accordance with Paragraph 3 above.
6. Flow Test No. 2 shall be conducted even though no test was completed on Flow Test No. 1. The test shall be conducted on the zone which shall remain shut-in for the period previously indicated as produced.

7. The pressure for gas-oil tests shall be measured on each zone with a pressure measuring gauge at least intervals as follows: 5-hour tests: 15-minute intervals at the beginning of each flow period, at fifteen-minute intervals during the first hour thereof, and at hourly intervals thereafter. For oil-oil pressure measurement immediately prior to the completion of each flow period. 7-day tests: immediately prior to the beginning of each flow period, at least one time during each flow period (to appear on the survey point) and immediately prior to the completion of each flow period. Other pressures may be taken as desired, or as required, in wells which have previously shown questionable test data.

8. For dual zone tests, all pressures, throughout the entire test, shall be continuously measured and recorded with recording pressure gauge, the accuracy of which must be checked with recording pressure gauge at the end of each test, with a deadweight pressure gauge. If the test is a gas-oil or an oil-oil dual completion, the recording shall be required on the oil zone only, with deadweight pressure as required when using valves on the gas zone.

9. The results of the above-referred tests shall be filed in triplicate with the Commission. The results of the test shall be filed with the Commission in the case of the Dakota Formation Completion on the well. The results of the test shall be filed with the Commission in the case of the Dakota Formation Completion on the well. The results of the test shall be filed with the Commission in the case of the Dakota Formation Completion on the well.

