

NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

Operator CONSOLIDATED OIL & GAS INC. Lease HOYT Well No. 1 (GD)
Location of Well: Unit H Sec. 5 Twp. 26 Rge. 4 County RIO ARRIBA
Type of Prod. Method of Prod. Prod. Medium
(Oil or Gas) (Flow or Art. Lift) (Tbg. or Csg.)

Upper Completion	GL	GAS	FLOW	TUBING
Lower Completion	DAKOTA	GAS	FLOW	TUBING

PRE-FLOW SHUT-IN PRESSURE DATA				
Upper Compl	Hour, date Shut-in 8/29/76	Length of time shut-in 3 DAYS	SI press. psig 427	Stabilized? (Yes or No)
Lower Compl	Hour, date Shut-in 8/29/76	Length of time shut-in 3 DAYS	SI press. psig 612	Stabilized? (Yes or No)

FLOW TEST NO. 1				
Commenced at (hour, date)* 9/1/76			Zone producing (Upper or Lower):	
Time (hour, date)	Lapsed time since*	Pressure		Prod. Zone Temp.
		Upper Compl.	Lower Compl.	Remarks
8/30/76	1 DAY	414	583	
8/31/76	2 DAYS	422	600	
9/ 1/76	3 DAYS	427	612	
9/ 2/76	1 DAYS	431	368	LOWER ZONE FLOW
9/ 3/76	2 DAYS	434	359	

Production rate during test
Oil: _____ BOPD based on _____ Bbls. in _____ Hrs. _____ Grav. _____ GOR _____
Gas: 175 MCFPD; Tested thru (Orifice or Meter): METER

MID-TEST SHUT-IN PRESSURE DATA				
Upper Compl	Hour, date Shut-in	Length of time shut-in	SI press. psig	Stabilized? (Yes or No)
Lower Compl	Hour, date Shut-in	Length of time shut-in	SI press. psig	Stabilized? (Yes or No)

FLOW TEST NO. 2				
Commenced at (hour, date)**			Zone producing (Upper or Lower):	
Time (hour, date)	Lapsed time since **	Pressure		Prod. Zone Temp.
		Upper Compl.	Lower Compl.	Remarks

Production rate during test
Oil: _____ BOPD based on _____ Bbls. in _____ Hrs. _____ Grav. _____ GOR _____
Gas: _____ MCFPD; Tested thru (Orifice or Meter): _____

REMARKS: _____

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

Approved: OCT 5 1976 19 _____
New Mexico Oil Conservation Commission
By W. E. Majumdar
Title PETROLEUM ENGINEER DIST. NO. 3
Operator CONSOLIDATED OIL & GAS INC.
By C. C. 7/11/76
Title PRODUCTION FOREMAN
Date 9-11-76

1. A packer leakage test shall be conducted on each satisfactorily completed well within seven days after a dual completion of the well, and quarterly thereafter as prescribed by the order authorizing the multiple completion. Such tests shall also be conducted on dual completions completed within seven days following recompletion of a well after 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 if any time that communication is suspected as when reported by the formation.

2. At least 72 hours prior to the commencement of any packer leakage test, the operator shall notify the commission in writing of the test, that 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, provided however, that they need not remain shut-in more than seven days.

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 is shut-in. Such test shall be continued for seven days. For Flow Test No. 2, for 24 hours in the case of gas wells, and for 72 hours in the case of oil wells, a leakage test, a gas well is to be allowed to flow at a rate of production of a pipeline connection the flow rate of the well.

5. Following completion of a leakage test, the well shall again be shut-in, in accordance with paragraph 1 above.

6. Flow Test No. 2 shall be conducted by a theoretical test as indicated during Flow Test No. 1. The objective of Flow Test No. 2 is to be the same as for Flow Test No. 1 except that the pressure is to be taken on the main shut-in while the zone which was producing is shut-in.

7. During a packer leakage test, the well shall be shut-in with a deadweight pressure gauge on the tubing head at a follow-up hour tests immediately prior to the beginning of each flow period, at fifteen-minute intervals during the first hour, and at hourly intervals thereafter, including one pressure measurement immediately prior to the completion of each flow period. Flow tests immediately prior to the beginning of each flow period, at least one time during each flow period (at approximately the midday point) and immediately prior to the completion of each flow period. Other pressure may be taken as desired, or may be requested on wells which have previously shown questionable test logs.

8. When all zone tests are completed, throughout the entire test, shall be continuously recorded and recorded with recording pressure gauges, the recovery of which must be checked at least twice, once at the beginning and once at the end of each test, with a deadweight pressure gauge. If a well is a gas well or an oil well dual completion, the recording gauge shall be required on the oil zone only, with deadweight pressures as required above being taken on the gas zone.

9. The results of the above described tests shall be filed in triplicate within 72 hours after completion of the test. Tests shall be filed with the following information: (a) Test name and location, (b) completion on test, (c) test results, (d) test results, (e) test results, (f) with all pertinent data, including temperature, as well as the flowing temperatures and pressures, and gravity, of the well, (g) a pressure versus time graph for each zone of the well, (h) a plot of pressure on the reverse side of the plot, (i) a plot of pressure on the reverse side of the plot, (j) a plot of pressure on the reverse side of the plot, (k) a plot of pressure on the reverse side of the plot, (l) a plot of pressure on the reverse side of the plot, (m) a plot of pressure on the reverse side of the plot, (n) a plot of pressure on the reverse side of the plot, (o) a plot of pressure on the reverse side of the plot, (p) a plot of pressure on the reverse side of the plot, (q) a plot of pressure on the reverse side of the plot, (r) a plot of pressure on the reverse side of the plot, (s) a plot of pressure on the reverse side of the plot, (t) a plot of pressure on the reverse side of the plot, (u) a plot of pressure on the reverse side of the plot, (v) a plot of pressure on the reverse side of the plot, (w) a plot of pressure on the reverse side of the plot, (x) a plot of pressure on the reverse side of the plot, (y) a plot of pressure on the reverse side of the plot, (z) a plot of pressure on the reverse side of the plot.

Δ DAKOTA PRESSURES

1100 O GALLUP PRESSURES

