

This form is to be used for recording packer leakage tests in Southeast New Mexico

NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

Operator W. B. Hamilton Estate Lease State Well No. # 1 (CD)

Location of Well: Unit B Sec. 16 Twp. 26 Rge. 7 County Rio Arriba

Type of Prod. Method of Prod. Prod. Medium

Name of Reservoir or Pool (Oil or Gas) (Flow or Art. Lift) (Tbg. or Csg.)

Upper Completion	Chacra	Gas	Flow	Tbg
Lower Completion	Dakota	Gas	Flow	Tbg.

PRE-FLOW SHUT-IN PRESSURE DATA

Upper Compl	Hour, date Shut-in	Length of time shut-in	SI press. psig	Stabilized? (Yes or xxx)
	6--9-82	10 Days	938	
Lower Compl	Hour, date Shut-in	Length of time shut-in	SI press. psig	Stabilized? (Yes or xxx)
	6-9-82	10 Days	2245	

FLOW TEST NO. 1

Commenced at (hour, date)*		9:35 AM 6-19-82		Zone producing (Upper or Lower):	
Time (hour, date)	Lapsed time since*	Pressure		Prod. Zone Temp.	Remarks
		Upper Compl.	Lower Compl.		
6-19-82	15-Minutes	0	2245		Upper Zone Flowing
6-19-82	30-Minutes	0	2245		Upper Zone Flowing
6-19-82	45-Minutes	0	2245		Upper Zone Flowing
6-19-82	1-Hour	0	2245		Upper Zone Flowing
6-19-82	2-Hours	0	2245		Upper Zone Flowing
6-19-82	3-Hours	0	2245		Upper Zone Flowing

Production rate during test
Oil: BOPD based on Bbls. in Hrs. Grav. GOR
Gas: 0 MCFPD; Tested thru (Orifice or Meter): Choke

MID-TEST SHUT-IN PRESSURE DATA

Upper Compl	Hour, date Shut-in	Length of time shut-in	SI press. psig	Stabilized? (Yes or xxx)
	6-19-82	7-Days	971	
Lower Compl	Hour, date Shut-in	Length of time shut-in	SI press. psig	Stabilized? (Yes or xxx)
	6-9-82	17-Days	2257	

FLOW TEST NO. 2

Commenced at (hour, date)**		9:AM 6-26-82		Zone producing (Upper or Lower):	
Time (hour, date)	Lapsed time since **	Pressure		Prod. Zone Temp.	Remarks
		Upper Compl.	Lower Compl.		
6-26-82	15-Minutes	976	81	50	Lower Zone Flowing
6-26-82	30-Minutes	985	73	54	Lower Zone Flowing
6-26-82	45-Minutes	989	70	60	Lower Zone Flowing
6-26-82	1-Hour	992	69	60	Lower Zone Flowing
6-26-82	2-Hours	998	67	63	Lower Zone Flowing
6-26-82	3-Hours	1000	66	64	Lower Zone Flowing

Production rate during test
Oil: BOPD based on Bbls. in Hrs. Grav. GOR
Gas: 2621 MCFPD; Tested thru (Orifice or Meter): Choke

REMARKS: Chacra blew dead in 3 minutes. The Dakota was making heavy slugs of liquid
after 30 minutes.

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

JUL 16 1982

Approved: 19
Oil Conservation Division
Original Signed by CHARLES GHOLSON
Title DEPUTY OIL & GAS

Operator W. B. HAMILTON ESTATE
By H. E. McNally
Title
Date June 28, 1982

[illegible]

It is possible to have a still surface when both zones of the soil are stabilized. This is the case in the stabilization. Both zones will stabilize at the same rate if the surface in each was stabilized, provided that the soil is not too deep. It may take more than seven days.

... If, on an initial packer inspection, it is determined that the flow has stopped due to the lack of sufficient pressure, the flow period shall be three hours.

When the zone is indicated even though no leak was indicated in the zone, the procedure for Flow Test No. 2 is to go the same distance as indicated that the previously produced zone shall remain shut-in. When a zone was previously shut-in is produced.

24-28000001 and two (2) ml. pressure of each of the entire test, shall be continuously monitored and recorded in a recording device, such as a chart, the accuracy of which has been tested in terms of time, and at the beginning and once at the end of each test, with a designated pressure gauge. If a wall is a small or an artificial one, then, the recording device shall be required to be able to vary, with a constant pressure as required above being taken on the gas being.

[illegible]