

SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

Operator J. L. PERRY			Lease HARRY			Well No. 2	
Location of Well	Unit P	Sec 19	Twp 21N	Rge 37E	County I. M.		
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	BLINDHAY		OIL	FLC	T&G.	16/64	
Lower Compl	SPRINGLAND		OIL	FLC	T&G.	20/64	

FLOW TEST NO. 1

Both zones shut-in at (hour, date): 1:00 P.M. 7/25/75

Well opened at (hour, date): 1:00 P.M. 7/26/75

	Upper Completion	Lower Completion
Indicate by (X) the zone producing.....	X	
Pressure at beginning of test.....	700	470
Stabilized? (Yes or No).....	No	No
Maximum pressure during test.....	700	470
Minimum pressure during test.....	470	470
Pressure at conclusion of test.....	470	470
Pressure change during test (Maximum minus Minimum).....	230	0
Was pressure change an increase or a decrease?.....	Dec.	No change
Well closed at (hour, date): <u>1:00 P.M. 7/27/75</u>	Total Time On Production <u>24 hrs. 0 min.</u>	
Oil Production	Gas Production	
During Test: <u>5</u> bbls; Grav. <u>38.0</u> ;	During Test <u>79.0</u> MCF; GOR <u>15,800</u>	

Remarks _____

FLOW TEST NO. 2

	Upper Completion	Lower Completion
Well opened at (hour, date): <u>1:00 P.M. 7/28/75</u>		
Indicate by (X) the zone producing.....		X
Pressure at beginning of test.....	677	475
Stabilized? (Yes or No).....	No	No
Maximum pressure during test.....	692	475
Minimum pressure during test.....	677	65
Pressure at conclusion of test.....	692	427
Pressure change during test (Maximum minus Minimum).....	15	362
Was pressure change an increase or a decrease?.....	Inc.	Dec.
Well closed at (hour, date) <u>1:00 P.M. 7/29/75</u>	Total time on Production <u>24 hrs.</u>	
Oil Production	Gas Production	
During Test: <u>7</u> bbls; Grav. <u>36.2</u> ;	During Test <u>57.6</u> MCF; GOR <u>8256</u>	

Remarks Test OK. No leakage. Well was dead during latter part of scheduled test period.

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 John W. Runyan
Title _____

Operator J. L. PERRY

By _____

Title PAUL W.

Date 8/1/75

1. A pressure leakage test shall be commenced _____ each multiple completed well within seven days after actual completion of the well and thereafter as requested by the order authority. _____ the well and actual completion. Such tests shall also be conducted _____ the multiple completions within seven days following recompletion and/or chemical _____ fractures, casing and wellbore and whenever remedial work has been done on a well dis- _____ the casing or wellbore. tubing have been disturbed. Tests shall also _____ be taken as and when that com- munication is suspected or when requested by _____ the Commission.

2. At least 72 hours prior to the commencement of any pressure leakage test, the operator shall notify the Commission in writing of the exact time the test is to be commenced. Off-site 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 zone stabilizes 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 reduced at the normal rate of production while the other zone remains shut in. Such test shall be continued until the flowing wellhead pressure has become stabilized and for a minimum of two weeks thereafter, provided however, that the flow test need not continue for more than 24 months.

6. Flow Test No. 6 shall be conducted even though a leak during Flow Test No. 1. The Procedure for Flow Test No. 6 is as for Flow Test No. 1 except that the previously plugged main shut-in while the previously shut-in zone is being

7. All pressures throughout the entire test, shall be measured and recorded with recording pressure gauges, the which must be checked with a deadweight tester at the beginning and once at the end, of each flow test.

5 The results of the above-described tests shall be filed within 10 days after completion of the test. Tests shall be the appropriate District Office of the New Mexico State Police Mission Car Section, New Mexico. Packer leakage tests shall be taken together with the original pressure recording gauge and the deadweight pressures which were taken indicating the exact filing of the pressure charts. The operator may construct a time curve for each zone of each test, indicating the pressure changes which may be reflected by the gauge charts as well as weight pressure readings which were taken. If the pressure is permitted the original chart must be permanently filed at the Office. Form 20-2 shall also accompany the Packer leakage when the test is performed in accordance with a gas-oil ratio.

[illegible]