NET EXICO OIL CONSERVATION COMMISSION

This form is <u>not</u> to be used for reporting packer leakage tests in Northwest New Mexico

SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

	Leas			We	ell
Continental Oil Company Location Unit Sec	Twp	ritt B Rge		County	b. 18
of Well N 10	20 Type of Prod	37	Prod	Le Medium	a Choke Size
Name of Reservoir or Pool	(Oil or Gas)	Flow, Art Lift		r Csg)	
Compl Weir-Blinebry	011	Р	Tbg	•	Open
Compl Monument-Tubb	011	F	Tbq	•	32/64
	FLOW TEST	NO. 1			
Both zones shut-in at (hour, date):	8:30 A. M.	7-23-68			
Well opened at (hour, date):	8:30 A. M.	7-24-68		Uppe r mpletion	Lowe r Completior
Indicate by (X) the zone producing.	••••••	• • • • • • • • • • • • • • • • • • • •	•••••		X
Pressure at beginning of test	•••••	• • • • • • • • • • • • • • • • • • • •	•••••	75	350
Stabilized? (Yes or No)	••••••	• • • • • • • • • • • • • • • • • • • •	•••••	Yes	No
Maximum pressure during test			•••••	75	495
Minimum pressure during test			•••••	75	40
Pressure at conclusion of test		••••••	•••••	75	40
Pressure change during test (Maximum m	ninus Minimum).		•••••	0	455
Was pressure change an increase or a d	lecrease?				Dec.
Well closed at (hour, date): 8:30	A. M. 7-25-6	Total Tir 8 Productio	ne On	24 hour	5
Oil Production During Test: 8 bbls; Grav. 39 ⁰	Gas Prod ; During T	luction 'est	MCF;	GOF. 6	440
Remarks No communication visible	. Well inte	ermitts 8/30 mi	.n. flo	ws per (day.
	FLOW TEST N	0.2			
Well opened at (hour, date): 8:30 A				Jpper mletion	Lowe r Completion
Well opened at (hour, date): 8:30 A Indicate by (X) the zone producing	. M. 7-26-68	3	Com	pletion	
Indicate by (X) the zone producing	<u>. M. 7-26-68</u>		Com	mpletion	Completion
Indicate by (X) the zone producing Pressure at beginning of test	<u>. M. 7-26-68</u>	<u>}</u>	Con	pletion X 50	Completion
Indicate by (X) the zone producing Pressure at beginning of test Stabilized? (Yes or No)	<u>. M. 7-26-68</u>	}	Con	pletion X 50 Yes	Completion 225 No
Indicate by (X) the zone producing Pressure at beginning of test Stabilized? (Yes or No) Maximum pressure during test	<u>M. 7-26-68</u>	3	Con	pletion X50 Yes 50	Completion <u>225</u> <u>No</u> <u>350</u>
Indicate by (X) the zone producing Pressure at beginning of test Stabilized? (Yes or No) Maximum pressure during test Minimum pressure during test	<u>M. 7-26-68</u>	3	Con	pletion X 50 Yes 50 50	Completion 225 No 350 350
Indicate by (X) the zone producing Pressure at beginning of test Stabilized? (Yes or No) Maximum pressure during test Minimum pressure during test Pressure at conclusion of test	<u>. M. 7-26-68</u>	3	Con	pletion X 50 Yes 50 50 50	Completion 225 No 350 350 350
Indicate by (X) the zone producing Pressure at beginning of test Stabilized? (Yes or No) Maximum pressure during test Minimum pressure during test Pressure at conclusion of test Pressure change during test (Maximum m	<u>M. 7-26-68</u>	3	Con	pletion X 50 Yes 50 50 50	Completion 225 No 350 350 75
Indicate by (X) the zone producing Pressure at beginning of test Stabilized? (Yes or No) Maximum pressure during test Minimum pressure during test Pressure at conclusion of test Pressure change during test (Maximum m Was pressure change an increase or a d	<u>M. 7-26-68</u> inus Minimum). ecrease?	3 Total time	Con	pletion X 50 Yes 50 50 50	Completion 225 No 350 350 350 75 Inc.
Indicate by (X) the zone producing Pressure at beginning of test Stabilized? (Yes or No) Maximum pressure during test Minimum pressure during test Pressure at conclusion of test Pressure change during test (Maximum m Was pressure change an increase or a d Well closed at (hour, date) <u>8:30 7-2</u> Oil Production	. <u>M.</u> 7-26-68 inus Minimum). ecrease? 7-68	Total time Production	Con	pletion X 50 Yes 50 50 50 50 hours	Completion 225 No 350 350 75 Inc.
Indicate by (X) the zone producing Pressure at beginning of test Stabilized? (Yes or No) Maximum pressure during test Minimum pressure during test Pressure at conclusion of test Pressure change during test (Maximum m Was pressure change an increase or a d Well closed at (hour, date) <u>8:30 7-2</u> Oil Production During Test: <u>47</u> bbls; Grav. <u>40°</u>	. <u>M.</u> 7-26-68 inus Minimum). ecrease? <u>7-68</u> Gas Produ ;During Te	Total time Production st 19.7	Con	pletion X 50 Yes 50 50 50 50 hours	Completion 225 No 350 350 75 Inc.
Indicate by (X) the zone producing Pressure at beginning of test Stabilized? (Yes or No) Maximum pressure during test Minimum pressure during test Pressure at conclusion of test Pressure change during test (Maximum m Was pressure change an increase or a d Well closed at (hour, date) <u>8:30 7-2</u> Oil Production	. <u>M.</u> 7-26-68 inus Minimum). ecrease? <u>7-68</u> Gas Produ ;During Te	Total time Production st 19.7	Con	pletion X 50 Yes 50 50 50 50 hours	Completion 225 No 350 350 75 Inc.
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Indicate by (X) the zone producing Pressure at beginning of test Stabilized? (Yes or No) Maximum pressure during test Minimum pressure during test Pressure at conclusion of test Pressure change during test (Maximum m Was pressure change an increase or a d Well closed at (hour, date) <u>8:30 7-2</u> Oil Production During Test: <u>47</u> bbls; Grav. <u>40°</u> Remarks <u>No communication visibl</u> I hereby certify that the information is knowledge.	inus Minimum). ecrease? 7-68 Gas Produ ;During Tere e.	Total time Production st 19.7	Com	mpletion X 50 Yes 50 50 50 50 50 50 50 50 50 50 50 50 50 8 4 hours R 4 20 o the bes	Completion 225 No 350 350 350 75 Inc. st of my
Indicate by (X) the zone producing Pressure at beginning of test Stabilized? (Yes or No) Maximum pressure during test Minimum pressure during test Pressure at conclusion of test Pressure change during test (Maximum m Was pressure change an increase or a d Well closed at (hour, date) <u>8:30 7-2</u> Oil Production During Test: <u>47</u> bbls; Grav. <u>40°</u> Remarks <u>No communication visibl</u>	inus Minimum). ecrease? 7-68 Gas Produ ;During Tere. herein containe	Total time Total time Production ction st19.7 ed is true and com	Com	mpletion X 50 Yes 50	Completion 225 No 350 350 350 75 Inc. st of my
Indicate by (X) the zone producing Pressure at beginning of test Stabilized? (Yes or No) Maximum pressure during test Minimum pressure during test Pressure at conclusion of test Pressure change during test (Maximum m Was pressure change an increase or a d Well closed at (hour, date) <u>8:30 7-2</u> Oil Production During Test: <u>47</u> bbls; Grav. <u>40°</u> Remarks <u>No communication visibl</u> I hereby certify that the information is knowledge.	inus Minimum). ecrease? 7-68 Gas Produ ;During Tere.	Total time Total time Production ction st ed is true and comperator Contine	Com	mpletion X 50 Yes 50	Completion 225 No 350 350 350 75 Inc. st of my

	Supervising Engineer
Date_	-7-30-68

i packer leakage test shall be commenced each multiply completed i within seven days after actual completion of the well, and annually inter as prescribed by the order authorizing the multiple completion. I status shall also be commenced on all multiple completions within seven interval of the status of the seven and/or chemical or fracture treatment, and wheninterval work has been done on a well during which the packer or the tig have been disturbed. Tests shall also be taken at any time that comcality is suspected or when requested by the Commission.

Steast 72 hours prior to the commencement of any packer leakage test of the shall notify the Commission in writing of the exact time the stable commenced. Offset operators shall also be so notified.

The racker leakage test shall commence when both zones of the dual includition are shut-in for pressure stabilization. Both zones shall remain and the until the well-head pressure in each has stabilized and for a minitic of two hours thereafter, provided however, that they need not remain the than 24 hours.

Now Test No. 1, one zone of the dual completion shall be produced as main rate of production while the other zone remains shut-in. Such shall be continued until the flowing wellhead pressure has become $(r_{\rm AA})$ be continue of two hours thereafter, provided however, $(r_{\rm AA})$ be flow test need not continue for more than 24 hours.

5. Following co : ion of Flow Test No. 1, the well shall again be shutin, in accordanc : h 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 snath 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 accuracy 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 triplicate 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 11-1-58, together with the original pressure recording gauge charts with all the deadweight pressures which were taken indicated thereon. In lieu of 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.



NEW N CO OIL CONSERVATION COMMISSION-

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. SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

Operator	Leas				e11
Continental Oil Company	r Twp	Britt "B" Rge		County	o <u>18</u>
Location Unit Sec of Well N 10	20	37			Lea
Name of Reservoir or Pool	Type of Prod (Oil or Gas)	Method of Prod Flow, Art Lift		Medium r Csg)	Choke Size
Upper Compl Weir Blinebry	011	P	Tbg		None
Lower Compl Monument Tubb	011	F	The		30/64
	FLOW TES	r NO. 1			• /
Both zones shut-in at (hour, date):_					
· · · · -	•	•		Upper	Lower
Well opened at (hour, date):		-		mpletion	-
Indicate by (X) the zone producing	• • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •	•••••		X
Pressure at beginning of test			•••••	65	170
Stabilized? (Yes or No)			•••••	Yes	<u> No </u>
Maximum pressure during test	• • • • • • • • • • • • • •		•••••	65	170
Minimum pressure during test			•••••	65	70
Pressure at conclusion of test				65	70
Pressure change during test (Maximum	minus Minimum)		0	•
Was pressure change an increase or a					
		Total Ti	me On		
Well closed at (hour, date): <u>9:00</u> Dil Production During Test: <u>27</u> bbls; Grav. <u>3</u>	Gas Pro	oduction			.07 0
Remarks				-	
	FLOW TEST	NO. 2			
	9:00 A.M.	. 8-17-67	Co		
Indicate by (X) the zone produci	9:00 A.M.	<u>, 8-17-67</u>	Co	mpletion	Completi
Indicate by (X) the zone produci Pressure at beginning of test	9:00 A.M.	<u>8-17-67</u>	Co 	mpletion 	Completi
Indicate by (X) the zone produci Pressure at beginning of test	9:00 A.M.	<u>8-17-67</u>	Co 	mpletion 	Completi
Indicate by (X) the zone produci Pressure at beginning of test Stabilized? (Yes or No)	9:00 A.M.	<u>8-17-67</u>	Co 	To The second se	Completi 250
Indicate by (X) the zone produci Pressure at beginning of test Stabilized? (Yes or No) Maximum pressure during test	9:00 A.M. ng	<u>, 8-17-67</u>	Co 		Completi 250 No 300
Indicate by (X) the zone produci Pressure at beginning of test Stabilized? (Yes or No) Maximum pressure during test Minimum pressure during test	9:00 A.M.	<u>8-17-67</u>	Co 	x 50 Yes 60 50	Completi 250 No 300
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Indicate by (X) the zone produci Pressure at beginning of test Stabilized? (Yes or No) Maximum pressure during test Minimum pressure during test Pressure at conclusion of test Pressure change during test (Maximum	9:00 A.M.	. 8-17-67	Co 	mpletion X 50 Yes 60 50 60 10	Completi 250 300 300 50
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Indicate by (X) the zone produci Pressure at beginning of test Stabilized? (Yes or No) Maximum pressure during test Minimum pressure during test Pressure at conclusion of test Pressure change during test (Maximum Was pressure change an increase or a Well closed at (hour, date) <u>9:00 A</u> Oil Production During Test: <u>12</u> bbls; Grav. <u>3</u>	9:00 A.M. ng minus Minimum decrease? M., 8-18-67 Gas Prod L;During '	, 8-17-67)) Total tim Production Test7	Co	mpletion X 50 Yes 60 50 60 10 ncrease 24 hrs OR 1,8	Completi 250 No 300 250 300 50 Increas
Indicate by (X) the zone produci Pressure at beginning of test Stabilized? (Yes or No) Maximum pressure during test Minimum pressure during test Pressure at conclusion of test Pressure change during test (Maximum Was pressure change an increase or a Well closed at (hour, date) <u>9:00 A</u> Oil Production During Test: <u>12</u> bbls; Grav. <u>3</u> Remarks <u>No evidence of commun</u>	9:00 A.M. ng minus Minimum decrease? M., 8-18-67 Gas Proc 4;During ' ications was	. 8-17-67 	Co	mpletion X 50 Yes 60 50 60 10 ncrease 24 hrs 60 24 hrs	Completi 250 No 300 250 300 50 Increas
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Well opened at (hour, date): Indicate by (X) the zone produci Pressure at beginning of test Stabilized? (Yes or No) Maximum pressure during test Minimum pressure during test Minimum pressure during test Pressure at conclusion of test Pressure at conclusion of test Pressure change during test (Maximum Was pressure change an increase or a Well closed at (hour, date)G:OO A Oil Production During Test:bbls; Grav RemarksNoevidence of commun I hereby certify that the information knowledge.	9:00 A.M. ng minus Minimum decrease? M., 8-18-67 Gas Proc 4;During ' ications was	. 8-17-67 	Co	mpletion X 50 Yes 60 50 60 10 ncrease 24 hrs 60R 1,8 COR 1,8 to the b 01 Con	Completi
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1. A packer leakage test shall be comme. on each multiply completed 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 miniwum 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 wellhead 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 pletion of Flow Test No. 1, the well shall again be shutin, in accord. 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 accuracy 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.

beginning and once at the end, of each flow test. 8. The results of the above-described tests shall be filed in triplicate 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 11-1-58, together with the original pressure recording gauge charts with all the deadweight pressures which were taken indicated thereon. In lieu of 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.

