## NEW : ICO OIL CONSERVATION COMMISSIC:

## SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

Location Unit Sec 12 21 37 Lea  Name of Reservoir or Pool (Oil or Gas) Flow, Art Lift (Tbg or Csg)  Upper Compl Lower Abo Oil SCF Tbg. Open		P.I. NEW WEYT	Lease	<u> </u>	1	Vell
Contained   Section   Contained   Contai		ny	Lockhart B-		County	
Name of Reservoir or Pool   Coll or Oas   Plow, art Lift   Cor Ose   Open	Location Unit ) Sec 12	1 -		37		
Disparation   Prinkerd   Oil   Prinkerd   Open   Disparation   Open		Type of	Prod Gas)			
Wantz Abo  Oil SCF Thg. Open  FLOW TEST NO. 1  Both zones shut-in at (hour, date): 9:00 A.M., 2-7-66  Both zones shut-in at (hour, date): 9:00 A.M., 2-7-66  Well opened at (hour, date): 9:00 A.M., 2-8-66  Upper Completion Completion  Indicate by ( X ) the zone producing. X  Stabilized? (Yes or No). Yes No  Maximum pressure during test. 81 242  Pressure at onclusion of test. 98 304  Maximum pressure during test (Maximum minus Minimum). 17 562  Was pressure change during test (Maximum minus Minimum). 17 562  Was pressure change an increase or a decrease? Total Time on 24 hours  Oil Production During Test: 33 bbls; Grav. 40 puring Test 7 MOF; GOR 818  Remarks Pecrease due to fluid loading in pumping Well.  Flow TEST NO. 2  Upper Completion Diring Test: 12 bbls; Grav. 38 jouring Test Social Freeduction During Test: 12 bbls; Grav. 38 jouring Test Complete to the best of my knowledge. Complete	Upper			P	Tbg.	Open
PLON TEST NO. 1   Both zones shut—in at (hour, date): 9:00 A.M., 2-7-66   Completion   Completion	Lower	011		SCF	Tbg.	Open
Both zones shut-in at (hour, date): 9:00 A.M., 2-7-66  Well opened at (hour, date): 9:00 A.M., 2-8-66  Indicate by (X) the zone producing.  Stabilized? (Ies or No).  Maximum pressure during test.  Minimum pressure during test.  Minimum pressure during test.  Minimum pressure during test.  Minimum pressure during test (Maximum minus Minimum).  Pressure change during test (Maximum minus Minimum).  Minimum pressure change an increase or a decrease?  Well closed at (hour, date): 9:00 A.M., 2-9-66  Total Time on Production 24 hours  Pressure at beginning of test.  Minimum pressure due to fluid loading in pumping well.  Pressure at beginning of test.  Pressure at beginning of test.  Maximum pressure during test.  Minimum pressure during tes	Compl Wantz ADO			NO 1		
Sch zones shut—In a (hour, date):    9:00 A.M., 2-8-66						
Indicate by ( X ) the zone producing					± ±	
Pressure at beginning of test.	Well opened at (hour, date):					•
Stabilized? (Yes or No)	Indicate by ( X ) the zone producing	ıg	• • • • •	• • • • • • • • • • • • •		
Maximum pressure during test	Pressure at beginning of test		•••••	••••••	<u>90</u>	
Maximum pressure during test.  Minimum pressure change during test (Maximum minus Minimum).  Minimum)  Minimum pressure during test.  Minimum pressure during test (Maximum minus Minimum).  Minimum pressure change an increase or a decrease?  Minimum pressure during test (Maximum minus Minimum).  Minimum pressure change an increase or a decrease?  Minimum pre	Stabilized? (Yes or No)					
Pressure at conclusion of test.  Pressure change during test (Maximum minus Minimum)  17 562  Pressure change during test (Maximum minus Minimum)  Was pressure change an increase or a decrease?  Well closed at (hour, date): 9:00 A.M., 2-9-56  Well copened at (hour, date): 9:00 A.M., 2-10-66  Well opened at (hour, date): 9:00 A.M., 2-10-66  Well closed at (hour, date): 9:00 A.M., 2-10-60  Well closed at (hour, date): 9:00 A.M., 2-10-60  Well closed at (hour, date): 9:00 A.M., 2-10-66  Well closed at (hour, date): 9:00 A.M., 2-10-60  Well closed at (hour, date): 9:00 A.M., 2-10-60  Well closed at (hour, date): 9:00 A.M., 2-10-60  Well closed at (hour, date): 9:00 A.M., 2-	Maximum pressure during test		• • • • •	, • • • • • • • • • • • • • • • • • • •	<u>98</u>	
Pressure change during test (Maximum minus Minimum).  Pressure change during test (Maximum minus Minimum).  Decrease  Decrease  Total Time On Production Production Production During Test: 33 bbls; Grav. 40 ; During Test  Pecrease due to fluid loading in pumping well.  FLOW TEST NO. 2  Well opened at (hour, date): 9:00 A.M., 2-10-66  Upper Completion  FLOW TEST NO. 2  Pressure at beginning of test. 54 823  Stabilized? (Yes or No). Yes Yes  Maximum pressure during test. 54 884  Minimum pressure during test. 35 823  Pressure at conclusion of test. 35 884  Pressure change during test (Maximum minus Minimum). 19 61  Was pressure change an increase or a decrease? Total time on Production  Well closed at (hour, date) 9:00 A.M., 2-11-66  Gas Production During Test: 12 bbls; Grav. 38 ;During Test 55 McF; GOR 4,583  Pressure MAK 3 565 19 Operator Continental 011 Company  Operator Continental 011 Company  Operator Continental 011 Company	Minimum pressure during test		• • • • •		03	
Was pressure change an increase or a decrease?  Well closed at (hour, date): 9:00 A.M., 2-9-66  Well closed at (hour, date): 9:00 A.M., 2-9-66  During Test: 33 bbls; Grav. 40; During Test 27 MCF; GOR 818  Remarks **Pecrease due to fluid loading in pumping well.  FLOW TEST NO. 2  Well opened at (hour, date): 9:00 A.M., 2-10-66  Upper Completion  FLOW TEST NO. 2  Pressure at beginning of test 54 823  Stabilized? (Yes or No). Yes Yes  Maximum pressure during test. 54 884  Minimum pressure during test. 35 823  Pressure at conclusion of test 35 884  Pressure change during test (Maximum minus Minimum). 19 61  Was pressure change an increase or a decrease? Decrease  Well closed at (hour, date) 9:00 A.M., 2-11-66 Total time on Production During Test: 12 bbls; Grav. 38 ;During Test 55 MCF; GOR 4,583  Remarks No evidence of communication.  Lower Completion  Thereby certify that the information herein contained is true and complete to the best of my knowledge.  Appeared MAK 3 356	Pressure at conclusion of test	• • • • • • • • •	•••••			
Well closed at (hour, date): 9:00 A.M., 2-9-66	Pressure change during test (Maxim	um minus M	inimum	)	<u>1</u>	
Oil Production During Test: 33 bbls; Grav. 40; During Test 27 MCF; GOR 818  Remarks **Pecrease due to fluid loading in pumping well.  FLOW TEST NO. 2  Well opened at (hour, date): 9:00 A.M., 2-10-66  Upper Completion Completion  Indicate by ( X ) the zone producing. X  Pressure at beginning of test. 54 823  Stabilized? (Yes or No). Yes Yes  Maximum pressure during test. 54 884  Minimum pressure during test. 35 823  Pressure at conclusion of test. 35 884  Pressure change during test (Maximum minus Minimum). 19 61  Was pressure change an increase or a decrease? Total time on Production Oil Production During Test: 12 bbls; Grav. 38 ; During Test 55 MCF; GOR 4,583  Remarks No evidence of communication.  I hereby certify that the information herein contained is true and complete to the best of my knowledge.	Was pressure change an increase or	a decreas	e?	Total	Time On	e- <u>Decrease</u>
Oil Production During Test: 33 bbls; Grav. 40; During Test 27 MCF; GOR 818  Remarks **Pecrease due to fluid loading in pumping well.  FLOW TEST NO. 2  Well opened at (hour, date): 9:00 A.M., 2-10-66  Upper Completion Completion  Indicate by ( X ) the zone producing. X  Pressure at beginning of test. 54 823  Stabilized? (Yes or No). Yes Yes  Maximum pressure during test. 54 884  Minimum pressure during test. 35 823  Pressure at conclusion of test. 35 884  Pressure change during test (Maximum minus Minimum). 19 61  Was pressure change an increase or a decrease? Total time on Production Oil Production During Test: 12 bbls; Grav. 38 ; During Test 55 MCF; GOR 4.583  Remarks No evidence of communication.  I hereby certify that the information herein contained is true and complete to the best of my knowledge.	Well closed at (hour, date): 9:00	A.M., 2	<u>-9-66</u> Gas Pr	Production	ction 24 n	ours
Pressure at conclusion of test.   September   Septem	Oil Production During Test: 33 bbls; Grav	40;	During	Test <b>27</b>	MCF; GOR_	818
Well opened at (hour, date): 9:00 A.M., 2-10-66 Completion  Indicate by ( X ) the zone producing. X  Pressure at beginning of test. 54 823  Stabilized? (Yes or No). Yes Yes  Maximum pressure during test. 54 884  Minimum pressure during test. 35 823  Pressure at conclusion of test. 35 884  Pressure change during test (Maximum minus Minimum). 19 61  Was pressure change an increase or a decrease? Total time on Production Ouring Test: 12 bbls; Grav. 38 ;During Test 55 MCF; GOR 4,583  Remarks No evidence of communication.  I hereby certify that the information herein contained is true and complete to the best of my knowledge.	Remarks *Decrease due to flu	id loadi	ng in	pumping well	•	
Well opened at (hour, date):  9:00 A.M., 2-10-66  Completion  Completion  Completion  Completion  Completion  Completion  Completion  Completion  Completion  X  Pressure at beginning of test.  Stabilized? (Yes or No).  Yes  Yes  Maximum pressure during test.  Maximum pressure during test.  Stabilized? (Yes or No).  Yes  Yes  Maximum pressure during test.  Stabilized? (Yes or No).  Yes  Yes  Assume the segment of test.  Stabilized? (Yes or No).  Yes  Yes  Yes  Assume the segment of test.  Stabilized? (Yes or No).  Yes  Yes  Yes  Assume the segment of test.  Stabilized? (Yes or No).  Yes  Yes  Yes  Assume the segment of test.  Stabilized? (Yes or No).  Yes  Yes  Assume the segment of test.  Stabilized? (Yes or No).  Yes  Yes  Assume the segment of test.  Stabilized? (Yes or No).  Yes  Yes  Assume the segment of test.  Stabilized? (Yes or No).  Yes  Yes  Assume the segment of test.  Stabilized? (Yes or No).  Yes  Yes  Yes  Assume the segment of test.  Stabilized? (Yes or No).  Yes  Yes  Yes  Assume the segment of test.  Stabilized? (Yes or No).  Yes  Yes  Yes  Assume the segment of test.  Stabilized? (Yes or No).  Yes  Yes  Yes  Assume the segment of test.  Stabilized? (Yes or No).  Yes  Yes  Yes  Yes  Yes  Yes  Assume the segment of test.  Stabilized? (Yes or No).  Stabilized? (Yes or No).  Yes  Yes  Yes  Yes  Yes  Yes  Yes  Ye						
Well opened at (hour, date):  9:00 A.M., 2-10-66  Completion  Completion  X  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.  Was pressure change during test (Maximum minus Minimum).  Was pressure change an increase or a decrease?  Well closed at (hour, date) 9:00 A.M., 2-11-65  Oil Production  During Test:  12 bbls; Grav. 38 ; During Test  Stabilized? (Yes or No).  Thereby certify that the information herein contained is true and complete to the best of my knowledge.  Approved MAK 3 1665  Productor Continental Oil Company  Operator Continental Oil Company		FLC	w tesi	NO. 2	Unner	Lowe <b>r</b>
Pressure at beginning of test.  Stabilized? (Yes or No).  Maximum pressure during test.  Minimum pressure during test.  Pressure at conclusion of test.  Pressure at conclusion of test.  Pressure change during test (Maximum minus Minimum).  Pressure change during test (Maximum minus Minimum).  Pressure change an increase or a decrease?  Well closed at (hour, date) 9:00 A.M., 2-11-66  Oil Production  During Test:  Decrease  Increase  Total time on  Production  Production  During Test:  Decrease  Increase  MCF; GOR 4.583  Remarks  No evidence of communication.  I hereby certify that the information herein contained is true and complete to the best of my knowledge.  Operator Continental Oil Company	Well opened at (hour. date):	9:00	A.M.	, 2-10-66	Completi	ion Completion
Pressure at beginning of test	Indicate by ( X ) the zone produ	ucing			<u>x</u>	
Maximum pressure during test	Procesure at heginning of test				<u>54</u>	823
Maximum pressure during test	Stabilized? (Yes or No)				Yes	Yes
Minimum pressure during test	Marinum pressure during test				54	884
Pressure at conclusion of test	Maximum pressure during test		• • • • •	• • • • • • • • • • • • • •	35_	823
Was pressure change an increase or a decrease?	Minimum pressure daring states			• • • • • • • • • • • • • • •	<u>35</u>	884
Was pressure change an increase or a decrease?	Pressure at conclusion of test.	mum minus	Minimu	m)	19	61
Well closed at (hour, date) 9:00 A.M. 2-11-66 Production 24 hours  Oil Production During Test: 12 bbls; Grav. 38; During Test 55 MCF; GOR 4.583  Remarks No evidence of communication.  I hereby certify that the information herein contained is true and complete to the best of my knowledge.  Operator Continental Oil Company	Pressure change during test (raxi	r a decrea	se?		<u>Decre</u>	ase Increase
Oil Production During Test: 12 bbls; Grav. 38 ; During Test 55 MCF; GOR 4.583  Remarks No evidence of communication.  I hereby certify that the information herein contained is true and complete to the best of my knowledge.  Approved MAR 3 566 19	Was pressure change an increase of	0 A W	2_11_	Total Produc	time on ction 24	hours
Remarks No evidence of communication.  I hereby certify that the information herein contained is true and complete to the best of my knowledge.  Operator Continental Oil Company	Well closed at (hour, date) <u>9:0</u> Oil Production During Test: <u>12</u> bbls; Grav.	38;	Gas Pr During	oduction Test 55	MCF; GOR_	4,583
I hereby certify that the information herein contained is true and complete to the best of my knowledge.  Operator Continental Oil Company	Remarks No evidence of comm	nunicatio	n.			
knowledge.  Operator Continental Oil Company  Approved MAR 3 1866						ne hest of mv
Approved MAR 3 666 19 ARM	I hereby certify that the information to the information of the second s	ation herei	in <b>c</b> ont	cained is true a	nd complete to the	Company
New Mexico Oil Conservation Commission By By	<del>-</del>	10	Δ.	Operator Co	ontinental 011	COMPANY
	New Mexico Oil Conservation Com		· · · · · · · · · · · · · · · · · · ·	Ву	X Seels	<u></u>
By Title Supervising Engineer	/					
Date February 16, 1966	Ву				<del></del>	

- i. A packer leakage test shall be commenced a 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 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 produced at the normal rate of production while the other zone remains shut-in. Such test shall be continued until the flowing weilnead 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. Police to . . . in, in an are  $\gamma$  of flow Test No. 1, the well shall again be shutters, exactly 3 above.

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