NEW XICO 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

Operator	riem	Petrolean	Corporation		Lease	*G* 1	rest 12		N	o. <u>3</u>
Location	Unit	Sec		Twp		R	.ge 37	C	ounty L	AL
of Well	Name o	of Reservoi		Type of 1 (Oil or (of Prod Art Lift	Prod. Me (Tbg or	d ium Csg)	Choke Size
Upper	nont			Ges		n	w	Cag		Open
Lower	lakard			011		12	M	Tog	•	35/64

FLOW TEST NO. 1

Both zones shut-in at (hour, date): 8:30 A. N 3/29/65	Upper	Lower
Well opened at (hour, date): 4:00 P. H 3/29/65	_Completion	Completion
Indicate by (X) the zone producing	•	X
Pressure at beginning of test		
Stabilized? (Yes or No)		
Maximum pressure during test		
Minimum pressure during test		180
Pressure at conclusion of test		180
Pressure change during test (Maximum minus Minimum)		170
Was pressure change an increase or a decrease?	•	Dec
Well closed at (hour, date): 8:00 A. N 3/30/65 Production	16 hours	
During Test: 27.50 bbls; Grav. 32 ; During Test 26 M	ICF; GOR	9,571
Remarks No look indicated		

FLOW TEST N	10.2	Upper	Lower
Well opened at (hour, date): 2:00 P.M 3/30/65		Completion	Completion
Indicate by (X) the zone producing		X	
Pressure at beginning of test		275	460
Stabilized? (Yes or No)		<u></u>	Tes
Maximum pressure during test		. 275	485
Minimum pressure during test		60	
Pressure at conclusion of test			485
Pressure change during test (Maximum minus Minimum).			25
Was pressure change an increase or a decrease? Well closed at (hour, date) 8:30 A.N 3/11/65 Oil Production Gas Production Gas Production Freduction Gas Production Gas Productin Gas Productin Gas Productin Gas Production G	Total time on Production	16 hours	Inc.
Remarks No look indicated I hereby certify that the information herein contain			st of my
Approved 19 19 140 Conservation Commission	Operator Jan American Original Signed By J. W. MEER	Petrolean Co	rperstion
By Title	Title Area Engineer		
	Date Amail & 1064		

SOUTHEAST	NE ¥	MEXICO TALE STUDY

SOUTHEAST NEW MEXICO 'A & Stand 1. A packer leakage lest shall as a machine well within seven days after actual outset for the standard thereafter as prescribed by the order interaction Such tests shall also be commenced a mathematical of the formation of the erer remedial work has been done to a well and the formation tubing have been disturbed. These standards in the standard tubing have been disturbed. These standards in the standard tubing have been disturbed. These standards in the standard the operator shall notify the commence of the standard test is to be commenced. Offset the standard is the standard completion are shut-in for pression of the shut-in until the well-head pression of the shut-in more than 24 hours.

4. For Flow Test No. 1, one zone of the state of the state of production where the state of the

The value constraints the first No. 1, the well shall again be smatter a counter α and $\alpha_{\rm c}$. 3 up we First Pest No. 2 should be contracted when though no leak was under ated in ing stow fusions. No. 1 concernse for flow Test No. 2 is to be the same of for Yow fusions in exceptions that previously produced zone shall re-mark only only only one previously shutch zone is produced.

The information is the product shift in generative is produced that the final oblight the produced is produced.
All thereaftes throughout entries tests shall be continuously stored to economic with recording pressure gauges, the accuracy of the many decleder is the desire test ratio accuracy of the many decleder is the desire test. Tests the least twice, once at the store at the desire of the desire test. These shall be fired with the control of the desire of the desire of the desire of the desire test. These shall be fired with the second ratio of the desire of the desire

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NEW ME TCO OIL CONSERVATION COMMISSION ~

SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

Teetien I Unit	roloum Corporati	Lon	Lease State "G" T	1000 TT	7e11 10. 3
Location Unit	Sec 16	Twp	Rge 37	County	Les
	servoir or Pool	Type of F (Oil or G			Choke Size
Upper Compl	ent	Gas	Tler	Cag	
Lower Compl	nkard	0[1	Tion	The	
		FLOW	TEST NO. 1		
Both zones shut-in a	at (hour, date):	8:30 A	1 2-10-64		
Well opened at (hou	r, date):	8:45 A	1 2-11-64	Upper Completion	Lowe r Completion
Indicate by (X) th	he zone producin	1g	• • • • • • • • • • • • • • • • • • • •	x	
Pressure at beginnin	ng of test				270
Stabilized? (Yes or	No)		• • • • • • • • • • • • • • • • • • • •		Xo
Maximum pressure du	ring test				270
Minimum pressure du	ring test		• • • • • • • • • • • • • • • • • • • •	<u>25</u>	250
Pressure at conclusi	ion of test	••••••	• • • • • • • • • • • • • • • • • • • •		250
Pressure change dur:	ing test (Maximu	m minus Mini	mum)	<u>105</u>	20
Was pressure change	an increase or	a decrease?.			Decrease
Well closed at (hou	r, date): 8:45	AN 2-12-64	Produc	Time On tion 24 hours	
Oil Production During Test: Dry Cos	bbls; Grav	Gas ; Dur	Production ing Test42	MCF; GOR	****
				e to tubing loads	
Well opened at (hour	• date):	FLOW T	EST NO. 2	Upper	Lower
		FLOW T	est no. 2	Uppe r Completion	Lowe r Completion
Indicate by (X)	the zone produc	FLOW T 8:45 AM 2-11 ing	est no. 2	Upper Completion	Lowe r Completior
Indicate by (X) Pressure at beginnin	the zone produc	FLOW T 8:45 AM 2-1 ing	est no. 2	Upper Completion	Lower Completior
Indicate by (X) Pressure at beginnin Stabilized? (Yes or	the zone produc ng of test No)	FLOW T	EST NO. 2	Upper Completion 90	Lower Completion
Indicate by (X) Pressure at beginnin Stabilized? (Yes or Maximum pressure dur	the zone produc ng of test No) ing test	FLOW T 8:45 AM 2-11 ing.	EST NO. 2	Upper Completion 90 7es 90	Lower Completion X 189 Yes
Well opened at (hour Indicate by (X) Pressure at beginnin Stabilized? (Yes or Maximum pressure dur Minimum pressure dur Pressure at conclusi	the zone producting of test No) ing test ing test	FLOW T	EST NO. 2	Upper Completion 90 700 90 90	Lower Completion X 180 Yes 120
Indicate by (X) Pressure at beginnin Stabilized? (Yes or Maximum pressure dur Minimum pressure dur	the zone production ng of test No) Ping test ring test on of test	FLOW T	EST NO. 2	Upper Completion 90 785 90 90 90	Lower Completion X 189 Tes 120 120
Indicate by (X) Pressure at beginnin Stabilized? (Yes or Maximum pressure dur Minimum pressure dur Pressure at conclusi Pressure change duri	the zone production of test No) ing test ing test on of test ng test (Maximum	FLOW T 3:45 AM 2-11 ing m minus Minim	EST NO. 2	Upper Completion 90 70 90 90 90 90 90 90	Lower Completion X 109 Xes 120 120 180
Indicate by (X) Pressure at beginnin Stabilized? (Yes or Maximum pressure dur Minimum pressure dur Pressure at conclusi Pressure change duri Was pressure change Well closed at (hour Dil Production	the zone product of test No) ing test ing test on of test ng test (Maximum an increase or a , date)	FLOW T 8:45 AM 2-11 ing. m minus Minim a decrease? 5 AM 2-1A-64 Cas H	EST NO. 2	Upper Completion 90 90 90 90 90 90 90 90 90 90 90 90 90	Lower Completion X 180 Yes 120 120 180 60 Decreses
Indicate by (X) Pressure at beginnin Stabilized? (Yes or Maximum pressure dur Minimum pressure dur Pressure at conclusi Pressure change duri Nas pressure change Well closed at (hour Dil Production During Test: 11	the zone product of test No) ing test ing test on of test ng test (Maximum an increase or a , date)	FLOW T 8:45 AM 2-11 ing. m minus Minim a decrease? 5 AM 2-1A-64 Cas H	EST NO. 2	Upper Completion 90 90 90 90 90 90 90 90 90 90 90 90 90	Lower Completion X 180 Yes 120 120 180 60 Decreses
Indicate by (X) Pressure at beginnin Stabilized? (Yes or Maximum pressure dur Minimum pressure dur Pressure at conclusi Pressure change duri Was pressure change Well closed at (hour Dil Production During Test:1 Remarks	the zone product ng of test No) ring test on of test ng test (Maximum an increase or a c, date) bbls; Grav	FLOW T 3:45 AN 2-11 ing. m minus Minim a decrease? 5 AN 2-1A-64 Gas H 38.4 ; Durir	EST NO. 2	Upper Completion 90 90 90 90 90 90 90 90 90 90 90 90 90	Lower Completion X 189 Yes 120 120 120 180 60 Desresses
Indicate by (X) Pressure at beginnin Stabilized? (Yes or Maximum pressure dur Minimum pressure dur Minimum pressure dur Pressure at conclusi Pressure at conclusi Pressure change duri Mas pressure change Well closed at (hour Dil Production During Test: Remarks I hereby certify tha	the zone product ng of test No) ring test on of test ng test (Maximum an increase or a c, date) bbls; Grav	FLOW T 3:45 AN 2-11 ing. m minus Minim a decrease? 5 AN 2-1A-64 Gas H 38.4 ; Durir	EST NO. 2	Upper Completion 90 70 90 90 90 90 90 90 90 90 90 90 90 90 90	Lower Completion X 189 Yes 120 120 120 120 60 Decrease X27
Indicate by (X) Pressure at beginnin Stabilized? (Yes or Maximum pressure dur Minimum pressure dur Pressure at conclusi Pressure change duri Was pressure change Well closed at (hour Oil Production During Test: Remarks I hereby certify tha	the zone product ng of test No) ing test on of test ng test (Maximum an increase or a , date) bbls; Grav t the information AR 4 15 4	FLOW THE State And 2-11 ing ing m minus Minim a decrease? AN 2-1A-64 Gas H 38.4 ;Durir Durir	EST NO. 2	Upper Completion 90 90 90 90 90 90 90 90 90 90 90 90 90	Lower Completion X 189 Tes 120 120 120 120 120 60 Desrease X27
Indicate by (X) Pressure at beginnin Stabilized? (Yes or Maximum pressure dur Minimum pressure dur Pressure at conclusi Pressure change duri Nas pressure change Well closed at (hour Dil Production During Test: Remarks I hereby certify that mowledge. New Mexico Oil Const y	the zone product ng of test No) ing test on of test ng test (Maximum an increase or a , date) bbls; Grav t the information AR 4 15 4	FLOW THE 3:45 AN 2-11 ing m minus Minima a decrease? 5 AN 2-1A-64 Gas H 38.4 ; Durin on herein con 	EST NO. 2	Upper Completion 90 70 90 90 90 90 90 90 90 90 90 90 90 90 90	Lower Completion X 189 Yes 120 120 120 120 60 Decrease X27

1. A packer leakage estiblic to constitute on add sufficiely completed well within Seven Lave after the domain of the well and annually thereafter as prescribed by the order abilitizing the multiple completion Such tests shall also be measured to the sufficiency or suspirations within seven days following, comparisons and there is the sufficiency treatment, and whenever remediat work as smear bulk and a well always that the packer or the tubing have been distanced. Desta ball also be taken at any time that communication is suspected or whet requested to the to comparison.

2. At least 72 means active so the consequences of the packer leakage test, the operator shall describ the conservation in art of the exact time the test is to be temperated office operators of a long to be notified.

3. The packet there will focus commence and for some of the dual completion art station for pressure stations. But remain shut-in until the well best pressure stations that art full-i and for a sinjunum of two hours completion, provide the torset of the art full-i and for a sinjunum of two hours completion, provide torset of the act of the

4. For Flow Test we cannot be a state of a state of proceeding the elast be produced at the normal site of constants by the table contracts shutten. Such test shall be contract until the flowing encoded measure has become stabilized and for a wirings of the latter ball of the provided however. That the flow the latter ball of it more that the flow the latter ball of it more that the flow the latter ball of it more that the flow the latter ball of the provided however.

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5. Following completion of Flow Test No. 1, the well shall again be shutin, in accordance 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 neadweight tester at least twice, once at the beginning and once it the erd, of each flow test.

beginning and once it 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 aforesail 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 satings which were taken. If the pressure curve is submitted, the original chart sust be permanently filed in the operator office. Form C-life shall also accompany the Packer Leakage Test Form when the test period coincides with a gas-oil ratio test period.

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