

## ENERGY AND MINERALS DEPARTMENT

ARTESIA DISTRICT OFFICE

JERRY APODACA GOVERNOR

NICK FRANKLIN SECRETARY

December 27, 1978

P.O. DRAWER DD ARTESIA, NEW MEXICO 88210 (505) 746-4861

The Superior Oil Co. P.O. Box 71 Conroe, TX 77301

Re: Ryan Com. #1-D 5-23-27 Eddy County, NM

Gentlemen:

We hereby acknowledge receipt of your Packer Leakage Test which was run on November 26 thru November 30, 1978 showing communication between zones.

Now you need to submit a Form C-103 with this office stating your plans for repairing this well.

Your immediate attention to this matter will be appreciated.

Sincerely yours,

Mike Williams

Mike B. Williams Oil & Gas Inspector

MBW:sm

hanner teasage teore in Northwest New Mexico

. SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

Operator The Superior Oil Company	~	Lease R <b>yan <i>Com</i></b>		Well No. 1
Location Unit Sec of Well D Ø Ø 5	Twp 23	Roe		ounty
Name of Reservoir or Pool	Type of H (Oil or C	rod Method of 1	Prod Prod. Med	
Upper S. Callahad Compl Strawn	Gas	Flow	Csg.	3/4
Lower S. Carlahad Compl Morrow	Gas	Flow	Tbg.	3/4
		TEST NO. 1		
Both zones shut-in at (hour, date):				
Well opened at (hour, date): 8:00			Upp	_
Indicate by (X) the zone producing.				etion Completion X
Pressure at beginning of test				
Stabilized? (Yes or No)				
Maximum pressure during test				
Minimum pressure during test			E FICIE	
Pressure at conclusion of test			•=======================	
Pressure change during test (Maximum n				
Was pressure change an increase or a d				
Well closed at (hour, date): 9:00 am		Tota	l Time On	hrs.
Oil Production During Test:0 bbls; Grav	Gas	Production	542 MCF; GOF	مان میں بر میں بر میں میں میں اور
Remarks		<u> </u>		
	FLOW TE	ST NO. 2		
Vell opened at (hour, date): 9:00 am			Uppe Comple	
Indicate by ( X ) the zone producing		· · · · · · · · · · · · · · · · · · ·		1
ressure at beginning of test				
tabilized? (Yes or No)				
aximum pressure during test				
linimum pressure during test				
ressure at conclusion of test				
ressure change during test (Maximum mi				5 -90
as pressure change an increase or a de			dec	
ell closed at (hour, date) 9:00 am. il Production	a bain the second s	10 Product	time on 24 h	rs.
uring Test:bbls; Grav	Gas Pr ;During	Test 250	MCF; GOR	
<pre>smarks Tests indicate commutation</pre>	nication	between zones		
hereby certify that the information b				
hereby certify that the information howledge.	erein cont			·
proved19 Jew Mexico Cil Conservation Commission		$\sim$	SUPERIOR OIL	COMPANY
The servation commission		By Col	up C.A	Junchat
tle	H oo a dhiftiggaya - shiribo ka kanibi dagaha ay dhigayan		TION ENGINEER	
мен (1994) (1994) и мариализация и проболого собрада доро Вородовска и у Ворогодик, проболого и Собра и и пробо	and a state of the	Date Decembe	er 19, 1978	
	·	L Sector		

1

## FOUTHEAST NEW MEXICO PACKER LEAKAGE TEST INSTRUCTIONS

1. A packer leakage test shall be commenced on each multiply completed well within soven 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 reconduction and/or clemical or fracture treatment, and whenever creatian more how been done on a well during which the packer or the tubing have been disturbed. Tosts 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 willing of the exact time the test in 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 minisum of two hours thereafter, provided however, that they need not remain sbut-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 ustil the flowing wellhead pressure has become stabilized and for a minisum of two hours thereafter, provided however, that the flow test need not continue for more than 24 hours. 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 name 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 Proker 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 aforenaid charts, the operator may construct a pressure versus time curve for each zone of each test, indicating thereon all pressure changes which may be igficeted by the gauge charts as well as all deadweight pressure readibies 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.

			1 ministration training to a	한 가지 한 한 한 한 한 한 것 같은 것 같은 것 같은 것 같				<u> </u>		**************	
										****	÷
		• • •								* * * * * * * * * * * * * * * * * * * *	<u>†</u> 1
		*****									
	a a marina a funcio manera a la contra da alta										11
		••••								***	1.
											1
											Τ
	n and the apple of the apple of the second structure and the second seco										1.
											11
			1								
											1
				•							-
			· · · · · · · · · ·								1
											t.
				• •							
											÷.
											+
											•
											::
											-
											• •
											÷
				••••							
											1
	1. I and the second sec										
											4
	ante estas de terrestante en entre estas de la constante en entre de la constante entre de la constante entre e										
	And a contra de Andersena a contra substances de la		A REAL AND A			<b>→</b> → + + + + + + + + + + + + + + + + + +					
											Н
						╉╧┥┱┾┾┿┿┿┽╷╴╷╷╷╷╷╸╴					Ì
											1
											- 1
		a la serie contra contra e e									÷
	tin and the state of a state of the state of										H
					<u> </u>	┠╺╼╺╝╉╾╞┨╀┇ <del>┋</del> ╂┇╞┨╏┙╾╡╌╴	╴╍╾╞┇┩╁┠╵┨╏╴╾╾┶┶╾╴╏╴		╉┋╬╅╪┾┠╍╼╍╍╡╢┊╞┽┿┊┽╎	+++++++++++++++++	4
											Ħ
		and the second se							╂╸┠╌╉┥ <u>┥</u> ╒╸╸╴╴┥╴═┯┿╺╡╴╴┨╌╡╺┥╍┥╺╉╷	<u>-</u> ∔ <u>+</u> +	4-
											+‡
			and the second sec								17
						╋╈┿┽┾┾┨╈┶╒╋╾┿╓╢┿┺┊╾╞╏╍					#1
											÷.
											#
				1-4							t
	a to alor an and to be wanted to the state of a state of a										4-4 4-4
											-
			non a lan on provide a subsequent and subsequent								<u>;</u> ;
											44
	an a			teritoria de la companya de la company							1
											ł
	the second states in the second states in the second state in the second states in the second		als sur-and medican mericine and so to	Turner and descent one prove and the second		<u> </u>	والإبابية المسابقين والمسابق	╘┠┯╾╸┨╾┋┿┿╦╕╎┅╴╍┅┅╼╴		╈╋┿┿╇╈┿┿┿┿┿┿┿┿┿	+
											Н
											+
	1 4 4 March 1 and a state of the second sta										H
											Ŧ
	A second s			a state of a second							
	an a fairt a na marainn an thairt a suite an thairt a suite an an thairt an		and a second sec	and a second the second s	a construction of the second se		and the second se				+-
	· ·										ŧ
		and the second									Ц
	a.										Ħ
											1
					a sea des and a de se sea and a sea anne a						÷
				1		· ·   · · · · · · · · · · · · · · · · ·					1
				1							1
	to a laboration of the second s										
				1 - 1 - 1 - 1 1 - 1 - 1 - 1							
	and the second se										i.i.
											-
				  							1
											÷
ومنقضه فالموافقة والمناقب والمناقب والمنقطية والمناقل ومقاطرتهم والمناقل والمناقل والمناقب والمناقب والمناقلة والمناقل والمناقل											1
											4
		and the second se									1