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

NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

P/	AN AMERICAN P	TROLEUM CORP	ORATION Le	ase Jicari	lla Apache 102	Well No. 11	
peracor							
'Well: Unit	. <u>C</u> Sec10	$\underline{}$ Twp. $\underline{}$ 26N	Rge	· Wethed	of Prod	Prod. Medium	
Ν	Name of Reserv	oir or Pool	Type of Prod. (Oil or Gas)	(Flow or	Art. Lift)	(Tbg. or Csg.)	
per	B. S. Mesa G		Gas	F1		Csg.	
wer mpletion Basin Dakota			Gas	F1	OW .	Tbg.	
mpletion	D 45111 D 41114	PRE-FI	LOW SHUT-IN PRE				
per Hour, da	ate 3-18-70	Length of	of t-in 7 Days	SI pres	1778	Stabilized? (Yes or No) Yes	
mpl Shut-	ate	Length	of	SI pres		Stabilized?	
mpl Shut-		time shut	of t-in 7 Days FLOW TEST NO	psig	032	(Yes or No) les	
mmenced at.	(hour, date)*	3-25				r or Lower):Upper	
Time	Lapsed time	Pres		Prod. Zone	Ren	arks	
our, date) 8:45 A.M.	since*	Jpper Compl.	Lower Compl.	Temp.			
3-25-70		1230	852		Both zones	s shut in.	
9:00 A.M.	15 Min.	1190	852		Upper Flow;	Lower shut in.	
9:15 9:30	57 PT	1025 925	852 852		00 19	11 H	
9:45	1 Hr.	825	852		11 11	31 11	
10:45	2 Hr.	425#	852		11 11	11 11	
11:45	3 Hr.	40#	852		11 11	ET 11	
oduction ra	te during tes	t d on	Rhls. in	Hr	s. Gra	evGOR	
il:	BOPD ba	Gren: lesteu	CITT OF COLUMN	J1 110001 / 0 <u> </u>			
		MITO-1	FOI SUGI-TH LIM	SI pre		Stabilized?	
pper Hour, d	oper Hour, date ompl Shut-in 3-25-70 t		time shut-in 7		1230	(Yes or No) Yes	
ower Hour, d	ower Hour, date		Length of time shut-in 14		933	Stabilized? (Yes or No) Yes	
ompl Shut-	in 3-18-70	time snu	FLOW TEST NO	0.2			
ommenced at	(hour, date)*	* 4	-1-70	Zone p	roducing (Uppe	er or Lower): Lowe	
Time	Lapsed time	Pres	4-1-70 Pressure r Compl. Lower Compl.		Rei	marks	
hour, date) 4-4-70	3 Days	1230	557	Temp.	Upper Shut In; Lower Flow		
		1232	592		11 11	11 11	
4-8-70	7 Days	1232			1000	(Park	
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					RPR :	5-1970	
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					OF CON	<i>Z</i>	
	L. during to	+	<u> </u>				
roduction ra	ate during tes BOPD be		Bbls. in_	Hrs.	Grav.	GOR	
as:		MCFPD; Tested	i thru (Orifice	or Meter):			
EMARKS:	Initial Pa	cker Test					
	Upper Zone	Not Connecte	d to Pipe Line				
hereby cer	tify that the	information	herein contains	d is true	and complete t	o the best of my	
-	\mathcal{U}	, (- 107	A			EUM CORPORATION	
oproved: New Mexico	Oil Conservat	ion Commissio	n By	Orginal G. W. E	Signed By		
	2 / 5	and will	_	Area I	ngineer		
PETRO:	म्याप्त्रम् विभागानाम्यापृत्र	DIST. NO. 3	Date	April	13, 1970		

NORTHWEST NEW MEXICO PACKER LEAKAGE TEST INSTRUCTIONS

- 1. A packer leakage test shall be commenced on each sultiply 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.
- J The packer leakage test shall commence whom 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, provided however, that they need not remain shut-in more than seven days
- 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 for seven days in the case of a gas well and for 24 hours in the case of an oil well. Note: If on an initial packer leakage test, a gas well is being flowed to the atmosphere due to the lack of a pipeline connection the flow period shall be three hours.
- 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 zone which was previously shut-in is produced.

- 7. Pressures for gas committed a must be as sured on each zone with a deadweight pressure gage at time intervals as follows. 3-hour tests immediately prior to the beginning of each op-period, as fifteen-minute intervals during the first now being, and at body intervals there—after, including one pressure relationers a mediately prior to the clusion of each flow port a long lefts. Mediately prior to the beginning of each flow period, at least one time during each flow period tat approximately the midway point and immediately prior to the conclusion of each flow period. Other pressures way be taken as desired, or may be requested on white each allow provide its each data.
- 24-hour oil zone tests: al pressures indepreductine entice test, shall be continuously teader. In the order, lift of spicing resident gauges, the amounts of which such important at it, all there is no the beginning and order at the end of rand lest, with a leadweight ressure gauge. If a well is a gas-bill on an out-gas dust completion, the recording gauge shall be related to the out-gas dust objection the recording gauge shall be related to the gas zone.
- as required above being taken on the gas zone.

 8. The results of the toove-described tests shall be fired in (riplicate within 15 days after our cloud in the too. Fests of the defined with the Azteo District of the semigration of the too. Forever align bountssion on Northwest New Mexico is set Disador Test Form novised if—the with all deadweight pressures initiated thereon as we is as the flowing temperatures (gas zones only) and griving all take only zones only. Forever exercise curve for each thing of each (see shall be constructed on the reverse side of the Packer beaking Test from soft a dealer, but pressure points taken indicated thereof the soft and forest the pressure should also indicate all key pressure changes which may be returned and the recording gauge charts. These key pressure changes should also be tabulated on the front of the Packer seawage feet of a

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