NEW MEXICO OIL CONSERVATION COMMISSION

PACKER LEAKAGE TEST

Operator <u>WESTERN NATURAL G</u> Lease <u>WINNERLEY</u>	AS CO. Pool	Upper	Completion)	DRINKARD	
Location: Unit_C, S.24, T25	Well <u>9</u> Pool S. R 37 E.	(Lower	Completion)	FUSSELMA	
			the first fit	Cou	nty, N. 1
	<u>Pre-Test S</u>			-	
Shut-in at (hour, date)			r Completion	Lower Comple	tion
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Length of time required to stabi	lize (hours)	2	HR. MIN.	2 Hz. I	
	Flow Test				
Test commenced at (hour, date)			0691	A	
complecton producing russil	AN Completi	on shut.	in DR	Choke size	20/64"
Stabilized pressure at beginning Maximum pressure during test		Upper Con	pletion	Lower Comple	
Maximum pressure during test	oi test	800 ci			
Funding pressure during test		800	psi psi	200	psi
riessure at end of test.		800	psi	450	psi psi
Maximum pressure change during t	aet .	a state of the second sec		500	psi
VII IIOW rate during test. 50.	BOPD bood			3	hour
Gas flow rate during test: 245.0			MCF in_	3	hour
	<u>Mid-Test S</u>				
Shut-in at (hour, date).		Upper	Completion	Lower Complet	tion
Shut-in at (hour, date) Pressure stabilized at (hour, da) <u>4:45 PM (</u>	6-19-5
Length of time required to stabil	lize (hours)	···· <u></u>		A:00AM(6-20-5
-			IR. MILNA	15 1/4	
	Flow Test N				
Test commenced at (hour, date)_1	0:00 AM (Ju)	ur 20. 1	958)	Choke size	24/64
Completion producing DRINKARD	Complet	tion shut	-inFu	SELMAN	
Stabilized pressure at beginning	j ľ	pper Com	pletion 1	Lower Completi	on
Aximum pressure during test	or test	700 CH	IART psi	560 CHART	psi
test.		200	psi _ psi	560	psi
ressure at end of test.		210	psi	<u> </u>	psi
aximum pressure change during te	oct.	EAO.		10	psi psi
11 ILOW rate during test.	BODD bogod -			3	hours.
as flow rate during test: 1076.			22 MCF in		hours.
est performed by COLEMAN PETR	ENGR. Co.	Title	APENT		
itnessed by MR. Coox			DIVI	SION ENGINE	f ð
EMARKS: TEST RESULTS II	NDICATE THAT	THE PA	GKER IS SF	PARATING TH	р.с Г
TWO PRODUCING	ZONES PROPER	LY.			<u> </u>
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OTE: Recording gauge pressure c hases of the test shall be submi	harts, test da tted with this	ta sheet,	and a graph	ic depiction of	of all
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	harts, test da tted with this	ta sheet, report.	and a graph	ic depiction of	of all
OTE: Recording gauge pressure c hases of the test shall be submi FFIDAVIT: I HEREBY CERTIPY that	ieteu with this	report.			
FFIDAVIT: I HEREBY CERTIFY that a f the State of New Mexico for the	all conditions	prescrib	ed by Oil Co	nservation Com	mission
FFIDAVIT: I HEREBY CERTIFY that a f the State of New Mexico for the it in full, and that all dates a	all conditions	prescrib	ed by Oil Co	nservation Com	mission
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FFIDAVIT: I HEREBY CERTIFY that a f the State of New Mexico for the it in full, and that all dates and re true and correct.	all conditions is packer leake nd facts set fo	prescrib age test orth in t	ed by Oil Con were complied his form and	nservation Com d with and car all attached	mission ried material
FFIDAVIT: I HEREBY CERTIFY that a f the State of New Mexico for the it in full, and that all dates a	all conditions is packer leaks nd facts set fo	prescrib age test orth in t	ed by Oil Con were complied his form and AN NATURAL	nservation Com	mission ried material

SWORN TO AND SUBSCRIBED before me this the 24_ day of _____

(Company Making Test) ____, 19__**58**___

Notary Public in and for the County of LEA State of NEW MEXICO (OVER)

INSTRUCTIONS ' (SOUTHEAST NEW MEXICO ONLY)

- 1. At least 24 hours prior to the commencement of this test, the operator shall notify the District Office of the Oil Conservation Commission in writing of the exact time said test is to be commenced.
- 2. The packer leakage test shall commence with both sides of the completion shut-in. Both sides of the completion must be shut-in a sufficient length of time to allow for complete stabilization of both wellhead pressures, and for a minimum of 2 hours thereafter- this minimum of 2 hours shut-in must show on the charts of the pressure recorder and also must appear on the data sheet.
- 3. For Flow Test No. 1, one side of the dual completion shall be produced with the other side shut-in. Such test shall be continued until the flowing wellhead pressure has become stabilized and for a minimum of 2 hours thereafter, and shall be at a rate of flow approximating the normal rate of flow for the zone being produced.
- 4. Following the completion of flow test No. 1, the well will again be shut-in, and remain so until the wellhead pressures have again become stabilized and for a minimum of 2 hours thereafter.
- 5. Flow Test No. 2 shall be performed with the previously shut-in side of the dual completion flowing and with the flowing side of the completion used in test number 1 remaining shut-in. This test shall be conducted exactly as outlined under Flow Test No. 1, and must be performed even though no leak was indicated by Flow Test No. 1.
- 6. All pressures, throughout the entire test, must be continuously measured and recorded with recording pressure gauges.
- 7. The accuracy of the recording gauges shall be checked at regular intervals throughout the test with a dead weight test gauge, and such readings shall be recorded on the test data sheet provided.
- 8. For any well on which the wellhead pressures will not stabilize in (24) twenty four hours or less, the minimum producing or shut-in time allowed for stabilization shall be (24) twenty-four hours.
- 9. This form must be completed and filed in duplicate with the District Office of the Oil Conservation Commission within 15 days following the completion of the testing, and must be accompanied by:
 - a. all of the charts, or copies thereof, used on the pressure recorders during the test.
 - b. the test data-sheet (s), or copies thereof, required under paragraph 7 above.
 - c. a graph depicting the pressures and their changes, for both sides of the completion over the entire test.
- 10. This packer leakage test shall be performed upon dual completion of any new wells so approved by the Commission. This test shall also be required each year during the annual GOR test for the lowermost oil zone or oil pool so concerned. The Commission may also request packer leakage tests at any time they feel that a new test is desirable.