MEW MEXICO OIL CONSERVATION COMMISSION

PACKER LEAKAGE TEST

4--1-56 **Red**-**T**

	NEW LEAKAGE II				Blue-C
Lease Federal Crosby Well	Pool (Upp Pool (Lov	ver Comple	tion) Quee tion) AFFO	Aused-Ger	<u> </u>
Location: Unit C, S. 35, T225, R.) (A)	7.04		Coun	ty, N. M.
<u>P1</u>	<u>re-Test Shut-l</u>		letion Lowe	er Complet	ion
Shut-in at (hour, date)		10:30 AM	(7-80-57)	8:00 AM('	7 <u>-21-57)</u>
Proceure stabilized at (hour date)		unknowi	i.	URKROW	1
Length of time required to stabilize			WALL VER	<u>u </u>	<u> </u>
_	low Test No. 1	_		_	_
Test commenced at (hour, date) S130 Completion producing Arrowhead -011	PM (7-25-5)	7)	Chc	ke siπe <u>l</u>	<u> </u>
completion producing		Completi		er Complet	ion
Stabilized pressure at beginning of te Maximum pressure during test		850 850	_psi psi	450 450	psi psi
Minimum pressure during test			psi	12	psi
Pressure at end of test		850	psi	12	psi
Maximum pressure change during test Dil flow rate during test:BOI	DD based on	<u> </u>	si BO in	438	psi hours.
Gas flow rate during test: TST MC	FPD based on_		MCF in		hours.
<u>M</u>	id-Test Shut-		1 4 ·	0 7.4	•
onut-in at (hour, date)			letion		
Pressure stabilized at (hour, date)		Unknow	24_	Hour Min	imum
Length of time required to stabilize	(hours)	Unknow	24	Hour Min	iman
<u>F</u>	low Test No. 2	<u>2</u>			
Test commenced at (hour, date)	00 AM (7-2'	7-57)	Chc	ke size_1	1/4"
Completion producing Queen-Gas		shut-in_ r Completi		r Completi	on
Stabilized pressure at beginning of te	est	<u>875</u>	psi	200	psi
Maximum pressure during test		875		210 200	psi psi
Minimum pressure during test			psi psi	810	psi
Maximum pressure change during test		220	psi		psi
Dil flow rate during test: None BO Gas flow rate during test: 1.198 MC	PD based on FPD based on	1.196	BO in MCF in	₽4	hours. hours.
Test performed by Joe A. Colemn				Cort Y	
Witnessed by Soba Folloy		itle Dist	SuptRo	man 011	Company
REMARKS: Test indicates packet	r holding.		a alamana alama aran disemperatura aran disemperatura aran disemperatura aran disemperatura aran disemperatura		<u></u>
NOTE: Recording gauge pressure charts			l a graphic	deriction	of all
phases of the test shall be submitted	with this re	port.			
AFFIDAVIT:					
I HEREBY CERTIFY that all	ecoditions nu	ocanibad t	or Oil Congo	muntion Co	mmission
of the State of New Mexico for this pa					
out in full, and that all dates and fa					
are true and correct.					
Company of the					
	For	Down	n 011 Comm	A 98.99	
(Representative of Company Meking To	est)	((lompany Maki	ng Test)	
SWORN TO AND SUBSCRIBED before me thi	s the da	у от <u> </u>	n alla alla della		.7 <u></u>
		a service a	i e	t essa	
	Note	ary Public	in and for	51-e Count	y of

State of___

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.

NEW MEXICO OIL CONSERVATION COMMISSION

PACKER LEAKAGE TEST

OPERATOR		L1 Company	
LEASE NAME_ LOCATION	Greaty Built C.	Sec. 18,	WELL NO. 2 COUNTY 166
			TEST DATA SHEET
	Upper Casing	Lower Tubing	
Time	Pressure	Pressure	Remarks
10:80 AK	<u>(7-80-57)</u>		Shut in Queen-Gas.
8:00 AN	(7-21-57)		Shut in Arrowheed-Oil.
	<u>(7-85-87)</u>		
11:45 AF	880 DWT	435 DWT	Started stabilised shut-in period,
18:45 PK	859	435	
\$130	859	455	Pinished 5 Hr. and 45 min. stabilised shut-in
			period and opened Arrowhead-Oil side for fle
	*****		test.
8:00 PM	889	12 Genera	Started stabilised flow test on Arrowheed-Oi
		<u> </u>	8300.
9±00 PM	839	12	
10:00 PM	830	12	
TOTAL FA			
	<u>(7-96-</u> 67)		Thirties 10 the shahillens of an each and also
Broo AN	_839	_12	Pinished 12 Hr. stubilised flow test and shu
			in Arrowheed-011 side for build up.
8:45 PM			Changed charts.
	(7-27-57)		
11:15 AN	839	198	Pinished 87 Hr. and 15 min. build-up period.
			Name did not stabilise.
11:15 AM	<u> 839</u>	195	Opened Queen-Gas side for flow test.
	<u>(7-28-57)</u>		
11:50 AM	647	808	Finished 84 Hr. and 55 min. flow test. Some
	4212 177-171-17		did not stabilise. Test Complete.

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