NEW MEXICO OIL CONSERVATION COMMISSION

PACKER LEAKAGE TEST

Decertion: onte, S, 1_20, R_36,       Leg       County         Pre-Test Shut-In       Upper Completion Lower Completion       Lower Completion         Shut-in at (hour, date)	Bradenhead		nletion) 1	Unwer Com	Well I Poo	AS Company	
Upper Completion Lower Completion Pressure stabilized at (hour, date)	nty, N: M.	Count	-	8	, R_36,I	L, S. <u>1</u> , T <u>2</u>	Location: Unit_
Butterin & Unour, date)       12 Noon 9-10-57 12 Noon 9-1         Pressure stabilized (hour, date)       12 Noon 9-11-57         Itength of time required to stabilize (hours)       20         Pressure stabilized (hour, date)       12.15 P.M. 9-11-57         Stabilized pressure at beginning of test       1000 psi         Maximu pressure during test       1000 psi         Maximu pressure during test       730 psi         Maximu pressure during test       200 psi         Pressure stabilized at (hour, date)       515 P.M. 9-11-57       12 Noon 9         Ingth of time required to stabilize (hours)       515 P.M. 9-11-57       12 Noon 9         Ingth of time required to stabilize (hours)       21 psi       22 psi         Stabilized pressure at heginning of test       1000 psi       750         Maximu pressure during test       1000 psi       750				<u>ut-In</u>	Pre-Test S		
Length of time required to stabilize (hours)	ion	Lower Completi	ompletion	Upper Co		data)	Shut in at (how
Length of time required to stabilize (hours)	10-57	7 12 Noon 9-	on <u>9-10-5</u>	··· 12 Noc	••••••	, date)	Pressure stabil
Flow Test No. 1         Test commenced at (hour, date) 12:15 P.M. 9-11-57	<b>-11-</b> 57	7-12 Noon 9-	<u>n 9-11-</u>	153 1444	/• / • • • • • • • • • • • •		
Test commenced at (hour, date)       12:15 P.M.       9-11-57       Choke size         Completion producing Upper (Bradem Completion shut-in Lawer (Trg.)       1000       psi       750         Stabilized pressure at beginning of test.       1000       psi       750         Maximum pressure during test.       730       psi       760         Minimum pressure during test.       730       psi       760         Maximum pressure during test:       BOPD based on       70       30         Cas flow rate during test:       BOPD based on       70       30         Shut-in at (hour, date)       WCPTD based on       300       315       PH       9-11-57       12 Noon 1         Shut-in at (hour, date)       Stabilize (hours)       21       24       124       Noon 1         Shut-in at (hour, date)       Stabilize (hours)       22       124       Noon 1         Shut-in at (hour, date)       Stabilize (hours)       22       124       Noon 1         Stabilized pressure at beginning of test.       1000       psi       760         Maximum pressure during test.       1000       psi       760         Minimum pressure during test.       1000       psi       300       160         Stabilized pressure at begin		24	L				0
Stabilized pressure at beginning of test				<u>o. 1</u>	<u>Flow lest</u>		
Stabilized pressure at beginning of test	20 161	Choke size		-11-57	2:15 P.M.	t (hour, date)_]	Test commenced a
Stabilized pressure at beginning of test	32/04	Tha )	Lower	n shut-in	den_complets	ing Upper (Bre	Completion produ
Data light pressure during test	ion	Lower Comuleti	etion `	oper Comple	neau		
All haum pressure during test	psi	-	psi	1000	of test	re at beginning	Maximum pressure
Itest.       730       psi       760         Maxinum pressure change during test.       270       gsi       700         Gas flow rate during test:       1004       MCPFD based on	psi		psi	1000		during test	Minimum pressure
Maining pressure change during test.	psi			750		DI LESL.	rressure at end
Cas flow rate during test:BOPD based onBO in Mid_Test Shut-In Upper Completion Lower Commented to Pressure at a dof test	psi psi			070	st	change during te	raximum pressure
Cas flow rate during test:	hours,			า่	BOPD based	ing test:	OIT ITOM LATE OU
Upper Completion Lower Completion Pressure stabilized at (hour, date)	hours.		MCF in	on163	MCFPD based	ing test:1404	Gas 110w rate du
Diduction at construction       3:15 P.M. 9:11-57 12 Noon 1         Pressure stabilized at (hour, date)       2         Flow Test No. 2       24         Flow Test No. 2       24         Completion producing Lower (Thg.)       Completion shut-in Upper (Bradenhead)         Upper Completion producing Lower (Thg.)       Completion shut-in Upper (Bradenhead)         Stabilized pressure at beginning of test.       1000 psi         Maximum pressure during test.       1000 psi         Maximum pressure during test.       1000 psi         Maximum pressure change during test.       000 psi         Maximum pressure change during test.       000 psi         370       370         Oil flow rate during test:       2         BOPD based on       365.7         MCF in 11.5       115         Test performed by       MGFD based on         9.9.57.       Upper completion (Domont Gas) produced through 7" X f         Consing bradenhead.       1000         NOTE: Recording gauge pressure charts, test data sheet, and a graphic depiction of phases of the test shall be submitted with this report.         AFFIDAVIT:       I HEREBY CERTIFY that all conditions prescribed by Oil Conservation Commis out in full, and that all dates and facts set forth in this form and all attached ma are true and correct.         WUMANA       Copla		•			<u>Mid-Test S</u>		
Length of time required to stabilize (hours)	ion	Lower Completi	ompletion	Upper Co		data)	Shut-in at (hour
Length of time required to stabilize (hours)	9-10-57	-57 12 Noon	N. 9-11	···- <u>3:15</u> _P	••••••••••••••••••••••••••••••••••••••	ed at (hour, dat	Pressure stabili
Flow Test No. 2         Test commenced at (hour, date)_10:00 P.M. 9-11-57	9-11-57	-57 12 Noon	<b>. N. 9=11</b>	-5:15	ize (hours).	quired to stabil	Length of time r
Test commenced at (hour, date)_10:00 P.M. 9-11-57		24					
Stabilized pressure at beginning of test							<b>m</b> .
Stabilized pressure at beginning of test	6/64	Choke size 10		1-57	0:00 P.M. 9	(hour, date) 1	Test commenced a
Stabilized pressure at beginning of test       1000 psi       760         Maximum pressure during test       1000 psi       760         Minimum pressure during test       1000 psi       760         Minimum pressure during test		Bradenhead)	Upper (	on shut-in	Comple	ing Lower (Tbg	completion produ
Maximum pressure during test	on	Lower Completic	+ 1	non Comple			
Allinam pressure during test	<u>nsi</u>			1000	ol test	during test	Maximum pressure
Interstite at end of test	csi	and the second se	psi	1000		auring test	Punimum pressure
Maximum pressure change during test.       0       psi       300         Gas flow rate during test:       22       BOPD based on       10.5       BO in       11.5       1         Gas flow rate during test:       181       MCFPD based on       86.7       MCF in       11.5       1         Test performed by       CG       Stuttment       Title       Junior Petroleum Engine         Witnessed by	psi psi			1000		I test	rressure at end
OIL 110W Fate during test:       22       BOPD based on 10.5       BO in 11.5       11.5         Gas flow rate during test:       181       MCFFD based on 86.7       MCF in 11.5       11.5         Test performed by       ////////////////////////////////////	DSI psi			~	st	change during te	maximum pressure
Test performed by <u>Man Alternant</u> Title <u>Junior Petroleum Engine</u> Witnessed by <u>Title</u> REMARKS: <u>New Merico Oil Conservation Commission notified by letter data</u> <u>9-9-57.</u> <u>Upper completion (Eumont Gas) produced through 7" X f</u> <u>easing bredenhead.</u> NOTE: Recording gauge pressure charts, test data sheet, and a graphic depiction of phases of the test shall be submitted with this report. AFFIDAVIT: I HEREBY CERTIFY that all conditions prescribed by Oil Conservation Commi out in full, and that all dates and facts set forth in this form and all attached ma are true and correct. MOTE: Cabaness (Representative of Company Making Test) SWORN TO AND SUBSCRIBED before me this the <u>25</u> day of <u>September</u> , 19_	hours.			10 5	BOPD based	ing test: 22	off flow rate du
Witnessed by	hours.		MCF in				
Witnessed by	2002	troleum Engin	unior Pe	_Title	lmore	P.G. Sle	Test performed by
REMARKS:							
NOTE: Recording gauge pressure charts, test data sheet, and a graphic depiction of phases of the test shall be submitted with this report. AFFIDAVIT: I HEREBY CERTIFY that all conditions prescribed by Oil Conservation Commi out in full, and that all dates and facts set forth in this form and all attached ma are true and correct.  Cabaness (Representative of Company Making Test)  SWORN TO AND SUBSCRIBED before me this the 25 day of							
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NOTE: Recording gauge pressure charts, test data sheet, and a graphic depiction of phases of the test shall be submitted with this report. AFFIDAVIT: I HEREBY CERTIFY that all conditions prescribed by Oil Conservation Commi of the State of New Mexico for this packer leakage test were complied with and carri out in full, and that all dates and facts set forth in this form and all attached ma are true and correct. Cabaness (Representative of Company Making Test) SWORN TO AND SUBSCRIBED before me this the <u>25</u> day of <u>September</u> , 19	-5"	through 7" X	roduced	t Gas) p	etion (Eum		
AFFIDAVIT: I HEREBY CERTIFY that all conditions prescribed by Oil Conservation Commi of the State of New Mexico for this packer leakage test were complied with and carri out in full, and that all dates and facts set forth in this form and all attached ma are true and correct. Cabaness (Representative of Company Making Test) SWORN TO AND SUBSCRIBED before me this the 25 day of September, 19				······································	omta tost J		
AFFIDAVIT: I HEREBY CERTIFY that all conditions prescribed by Oil Conservation Commi of the State of New Mexico for this packer leakage test were complied with and carri- out in full, and that all dates and facts set forth in this form and all attached ma are true and correct. Cebaness (Representative of Company Making Test) SWORN TO AND SUBSCRIBED before me this the <u>25</u> day of <u>September</u> , 19	of all	ic depiction of	nd a graph	a sheet, a	ted with this	t shall be submi	phases of the ter
I HEREBY CERTIFY that all conditions prescribed by Oil Conservation Commi of the State of New Mexico for this packer leakage test were complied with and carri- out in full, and that all dates and facts set forth in this form and all attached ma are true and correct.				report.			
Out in full, and that all dates and facts set forth in this form and all attached ma         Out in full, and that all dates and facts set forth in this form and all attached ma         Out Cabaness         (Representative of Company Making Test)         For       The Texas Company         (Company Making Test)         SWORN TO AND SUBSCRIBED before me this the 25 day of, 19							AFFIDAVIT:
Out in full, and that all dates and facts set forth in this form and all attached ma         Out in full, and that all dates and facts set forth in this form and all attached ma         Out in full, and that all dates and facts set forth in this form and all attached ma         Out in full, and that all dates and facts set forth in this form and all attached ma         Out in full, and that all dates and facts set forth in this form and all attached ma         Out in full, and correct.         Sworn TO AND SUBSCRIBED before me this the 25 day of September 19, 19         Out in full, and full in full in full in full.         Out in full in full in full in full						RV CFRTFV +h-+	T HER
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Cebaness (Representative of Company Making Test) SWORN TO AND SUBSCRIBED before me this the 25 day of September, 19	ried	a with and carr	re compile s form and	rth in thi	d facts set f	mai arr uales a	and the total of the
(Representative of Company Making Test) (Company Making Test) SWORN TO AND SUBSCRIBED before me this the <u>25</u> day of <u>September</u> , 19, 19	materiar	arr attached h				ect.	are true and corr
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## 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.

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## NEW MEXICO OIL CONSERVATION COMMISSION

PACKER LEAKAGE TEST

LEASE NAME	The Texas ( St. of N.M.	"B" INCT	-1)	WELL NO. 1
LOCATION	Unit "M"	ection 1.	T-20-S, R-36-E	COUNTY Lea
			TEST DATA SHEET	
<b></b>	Casing	Tubing		
<u>Time</u> 9-11-57	<u>Pressure</u>	Pressure		Remarks
<u>11:45 A.</u> M.	<u>1000 p</u> si	<u>750 ps</u> 1	Recorder	
9-11-57	_970	730	D.W.T. (Dead Weight	nt Tester)
3:00 P.M.	730	760	Recorder	
0.11.57		740	D.W.T.	
9-11-57 6:00 P.M.	1000	760	Recorder	
	970	740	D.W.T.	
9-12-57 9:30 A.M.	1000	370	Recorder	
	_970_	350	D.W.T.	
9-12-57 6:00 P.N.	1010	770	Recorder	
	080	750	D.W.T.	
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