## STATE OF NEW MEXICO ENERGY and MINERALS DEPARTMENT

.

## **OIL CONSERVATION DIVISION**

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This form is not to be used for reporting packer leakage tests in Northwest New Mexico

# SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

Stabilized? (Yes or No)  yes  yes    Maximum pressure during test  118  539    Minimum pressure during test  30  518    Pressure at conclusion of test  30  539    Pressure change during test (Maximum minus Minimum)  88  21    Was pressure change an increase of a decrease?  Decrease  Increas    Well closed at (hour, date):  8:15 A.M 4/26/89  Production  24 hours    Dill Production  Gas Production  30  106	Operator				Lease				Well No.	
Location of well  B  2  25-5  37-E  Lea    NAME OF RESERVOIR OR POOL  Type of FROD. (Old of Gas)  METHOD OF PROD. FLOW. ANT LIFT  PROD. MEDDUM (Thy of Cap)  CHORE SIZE    Unper Compl.  Justis Tubb Drk  0i1  Pump  Tbg.  open    Lower Compl.  Justis Devonian  Gas  Flow  Tbg.  E1 Paso    FLOW TEST NO. 1  Both zones shut-in at (bour, date):  8:15 A.M 4/25/89  Upper Completion  Lower Completion    Noticate by (X) the zone producing  X	the second secon				St				2	
NAME OF RESERVOIR OR POOL  TYPE OF FROD. TOUR Gain  METHOD OF FROD. FLOW, ANT LIFF  PROD. MEDIUM City or Casio  CHOKE SIZE    Upper Central.  Justis Tubb Drk  011  Pump  Tbg.  0pen    Lower Central.  Justis Devonian  Gas  Flow  Tbg.  E1 Paso    Both zones shut-in at (bour, date):  8:15 A.M 4/24/89  Upper Completion  Lower Completion  Lower Completion    Well opened at (bour, date):  8:15 A.M 4/25/89  Upper Completion  Lower Completion    Pressure at beginning of test  118  518    Stabilized' (Yes or No)  yes  yes    Maximum pressure during test  30  518    Pressure change during test  30  518    As pressure change during test (Maximum minus Minumum)  88  21    Was pressure change an increase or a decrease?  Decrease  Increase    Was pressure change an increase or a decrease?  Total Time On  24 hours    Di Production  3240  MCF: GOR  106	LOCATION	CATION								
Upper Compl.  Justis Tubb Drk  Oil  Pump  Tbg  Open    Lower Compl.  Justis Devonian  Gas  Flow  Tbg  E1 Paso    FLOW TEST NO. 1    Both zones shut-in at (bour, date):			- 4		<u>-</u> <u>-</u>	<b></b>			a	
Cimpl.  Justis Tubb Drk  Oil  Pump  Tbg  Open    Lower  Justis Devonian  Gas  Flow  Tbg  El Paso    FLOW TEST NO. 1    South zones shut-in at (bour, date):8:15 A.M 4/24/89    Well opened at (bour, date):8:15 A.M 4/25/89  Upper  Lower    Completion    Advect of the south state    Pressure at (bour, date):8:15 A.M 4/25/89  Upper  Completion    Open	ł	NAME C	F RESERVOIR OR POOL			METHOD OF PROD. FLOW, ART LIFT			CHOKE SIZE	
Compl.  Justis Devonian  Gas  Flow  Tby  E1 Paso    FLOW TEST NO. 1    Bits A.M 4/24/89    Work Test NO. 1    Bits A.M 4/25/89  Upper  Lower    Completion    Model opened at (bour, date):	Upper Compl.		ıbb Drk	0i1		Pump	Tbg		open	
Both zones shut-in at (hour, date): $8:15 A.M 4/24/89$ Well opened at (hour, date): $8:15 A.M 4/25/89$ Upper Completion    Indicate by (X) the zone producing  X    Pressure at beginning of test  118    Stabi ized? (Yes or No)  yes    Maximum pressure during test  418    Stabi ized? (Yes or No)  30    Minimum pressure during test  30    Pressure at conclusion of test  30    Pressure change during test (Maximum minus Minimum)  88    Pressure change an increase or a decrease?  Decrease    Well closed at (hour, date):  8:15 A.M 4/26/89    Ordal Time On  24 hours    Dil Production  Gas Production    Statis Grav.  40	Lower Compi.		evonian	Gas	3	Flow	ТЪд		El Paso	
Well opened at (hour, date): $8:15 A.M 4/25/89$ Upper Completion  Lower Completion    Indicate by (X) the zone producing  X  118  518    Pressure at beginning of test  118  518    Stabilized' (Yes or No)  yes  yes    Maximum pressure during test  418  539    Minimum pressure during test  30  518    Pressure at conclusion of test  30  518    Pressure change during test (Maximum minus Minimum)  88  21    Was pressure change an increase or a decrease?  Decrease  Increase    Well closed at (hour, date): $8:15 A.M 4/26/89$ Production  24 hours    Dil Production  Gas Production  30  106  106				FLOW TES	6T NO. 1					
Well opened at (bour, date):  8:15 A.M 4/25/89  Completion  Completion    Indicate by (X) the zone producing  X	Both zones	shut-in at (hour	, date): <u>8:15</u> A.M	1 4/24	+/89					
Pressure at beginning of test118518Stabilized? (Yes or No)yesyesMaximum pressure during test118539Minimum pressure during test30518Minimum pressure during test30518Pressure at conclusion of test30518Pressure change during test (Maximum minus Minimum)8821Was pressure change during test (Maximum minus Minimum)8821Was pressure change an increase or a decrease?DecreaseIncreaseWell closed at (hour, date):8:15 A.M 4/26/89Production24 hoursDil ProductionGas Production30106	Well opened					Upper				
Stabilized? (Yes or No)  yes  yes    Maximum pressure during test  118  539    Minimum pressure during test  30  518    Pressure at conclusion of test  30  539    Pressure change during test (Maximum minus Minimum)  88  21    Stabilized?  Decrease  Increase    Pressure change an increase of a decrease?  Decrease  Increase    Well closed at (hour, date):  8:15 A.M 4/26/89  Production  24 hours    Dill Production  Gas Production  350  106	Indicate by	(X) the zone pre	oducing		• · • • • • • • •	· • • • • • • • • • • • • • • • • • • •	<u>x</u> .			
Maximum pressure during test  118  539    Minimum pressure during test  30  518    Pressure at conclusion of test  30  539    Pressure change during test (Maximum minus Minimum)  88  21    Was pressure change an increase of a decrease?  Decrease  Increase    Well closed at (hour, date):  8:15 A.M 4/26/89  Total Time On    Production  Gas Production  30    During Test:  3  bbls; Grav.  40	Pressure at beginning of test							518		
Minimum pressure during test  30  518    Pressure at conclusion of test  30  539    Pressure change during test (Maximum minus Minimum)  88  21    Was pressure change an increase or a decrease?  Decrease  Increase    Well closed at (hour, date):  8:15 A.M 4/26/89  Total Time On Production  24 hours    Dil Production  Gas Production  30  539    During Test:  3  MCF: GOR  106	Stabilized? (Yes or No)						yes			
Pressure at conclusion of test  30.  539    Pressure change during test (Maximum minus Minumum)  88  21    Was pressure change an increase of a decrease?  Decrease  Increase    Well closed at (hour, date):  8:15 A.M 4/26/89  Production  24 hours    Dil Production  Gas Production  30.  539    During Test:  30.  30.  539	Maximum p	pressure during t	est			· · · · · · · · · · · · · · · · · · ·	118		539 .	
Pressure change during test (Maximum minus Minimum)  88  21    Was pressure change an increase of a decrease?  Decrease  Increase    Well closed at (hour, date):  8:15 A.M 4/26/89  Total Time On    Production  Gas Production  24 hours    Dil Production  Gas Production  300    During Test:  3  MCF: GOR  106	Minimum pressure during test30						518			
Was pressure change an increase of a decrease?  Decrease  Increase    Well closed at (hour, date):  8:15 A.M 4/26/89  Production  24 hours    Dil Production  Gas Production  320  MCF: GOR 106    During Test:  3  bbls; Grav.  40  ; During Test	Pressure at c	onclusion of test				····· <u>-</u>	30	۰۰۰ <del>۱۰</del>	539	
Total Time On    Well closed at (hour, date):  8:15 A.M 4/26/89  Production  24 hours    Dil Production  Gas Production  3C    During Test:  3  bbls; Grav.  40  ; During Test  320	Pressure cha	nge during test	(Maximum minus Minus	24772)			88		21	
Well closed at (hour, date):  8:15 A.M 4/26/89  Production  24 hours    Dil Production  Gas Production  80    During Test:  3  MCF; GOR 106	Was pressure	e change an incr	ease of a decrease?				Decrease		Increas	
During Test: 3 bbls; Grav. 40; During Test 320 MCF; GOR 106	Well closed :	at (hour, date): .	<u>8:15 A.M 4</u>	T 1/26/89 P	fotal Time Production	Оп	24 hours			
lematks:	Oil Producti During Test	ion t:3	bbls; Grav40		Gas Produ During Te	rtica ⊻€ st <del>3220</del>	MCF; G	OR <u>10</u>	6	
	Remarks: .									
									· · · · · · · · · · · · · · · · · · ·	

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### FLOW TEST NO. 2

Well opened at (bour, date): 8:15 A.M 4/27/89	Upp <b>e</b> r Compl <b>e</b> tion	Lower Completion
Indicate by (X) the zone producing		X
Pressure at beginning of test	124	545
Stabilized? (Yes or No)	yes	yes
Maximum pressure during test	178	545
Minimum pressure during test		84
Pressure at conclusion of test		84
Pressure change during test (Maximum minus Minimum)		461
Was pressure change an increase or a decrease?	Increase	<u>Decrease</u>
Well closed at (hour, date): 8:15 A.M 4/28/89 Production	24 hours	
Oil Production Gas Production During Test:3 bbls; Grav41 ; During Test320	) MCF; GOR	106
Remarks:	· · · · · · · · · · · · · · · · · · ·	
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I hereby certify that the information herein contained is true and complete to the best of my knowledge.

Approved	MAY 1 1 198	<b>9</b> 19
	l Conservation Division	
ВуО	RIGINAL SIGNED BY JERRY	SEXTON
Title		. *

#### SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST INSTRUCTIONS

1. A packer leakage test shall be commenced on each multiply 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 Division.

2 At least 72 hours prior to the commencement of any packer leakage test, the operator shall notify the Division in writing of the exact time the test is 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 statislization. Both zones shall remain shut-in until the well-head gressure in each has stabilized and for a minimum of two hours thereafter, provided ...owever, that they need not remain shut-in more than 24 hours.

: For Flow Test No. 1, one zone of the dual completion shall be produced at the normal tree of production while the other zone remains shut-in. Such test shall be continued until also flowing wellhead pressure has become stabilized and for a minimum of two hours thereafter, provided however, that the flow test need not continue for more than 24 hours.

Opera	nor <u>Eitation Oil &amp; Gas Corp.</u>
Ву	high & driven
Title	President
Date	5/9/89

5. Following completion of Flow Test No. 1, the well shall again be shut-in, 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 shutiin 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 deadweight tester at least twice, once at the 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 slavs after completion of the test. Tests shall be filed with the appropriate District Oifice of the New Mexico Oil Conservation Division on Southeast New Mexico Packer Leakage Test Form Revised 11-01-58, together with the original pressure recording gauge charts with all the deadweight pressures which were taken indicated thereon. In lieu of filing the aforesaid charts, the operator may construct a pressure versus time curve for each zone of each test, indicating thereon all pressure thanges which may be reflected better taken together as well as all deadweight pressure readings which were taken. If the pressure 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 period.