



NEW MEXICO ENERGY, MINERALS & NATURAL RESOURCES DEPARTMENT

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

OIL CONSERVATION DIVISION
AZTEC DISTRICT OFFICE
1000 RIO BRAZOS ROAD
AZTEC NM 87410
(505) 334-6178 FAX: (505) 334-6170
<http://www.nrd.state.nm.us/oil/District%20III/District.htm>

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Revised 11/16/98

NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

Operator Mallon Oil Company Lease Name Jicarilla 458-6 Well No 3

Location of Well: Unit Letter G Sec 6 Twp 30N Rge 3W API # 30-039-25782

	NAME OF RESERVOIR OR POOL	TYPE OF PROD. (Oil or Gas)	METHOD OF PROD. (Flow or Art. Lift)	PROD. MEDIUM (Tbg. or Csg.)
Upper Completion	Cabresto Canyon San Jose Ext.	Gas	Flow	Tbg
Lower Completion	Pictured Cliffs	Gas	Flow	Tbg

PRE-FLOW SHUT-IN PRESSURE DATA

Upper Completion	Hour, date shut-in 1:30 PM 4/7/00	Length of time shut-in 72 hrs	SI press. Psig 110 psig	Stabilized? (Yes or No) Yes
Lower Completion	Hour, date shut-in 1:30 PM 4/7/00	Length of time shut-in 72 hrs	SI press. Psig 320 psig	Stabilized? (Yes or No) Yes

FLOW TEST NO. 1

Commenced at (hour, date)* 1:30 PM 4/10/00				Zone producing (Upper or Lower): Lower	
TIME (hour, date)	LAPSED TIME SINCE*	PRESSURE		PROD. ZONE TEMP.	REMARKS
		Upper Completion	Lower Completion		
1:30 PM 4/10/00	0	110	320		Open Pictured Cliffs to flow
6:30 PM 4/10/00	5 hrs	109	82		Flowing Pictured Cliffs
11:30 PM 4/10/00	10 hrs	108	75		Flowing Pictured Cliffs
4:30 AM 4/11/00	15 hrs	108	65		Flowing Pictured Cliffs
9:30 AM 4/11/00	20 hrs	109	61		Flowing Pictured Cliffs
1:30 PM 4/11/00	24 hrs	109	60		Flowing Pictured Cliffs

Production rate during test

Oil: N/A BOPD based on Bbls. in Hours Grav. GOR

Gas: 435 MCFPD; Tested thru (Orifice or Meter): Meter

MID-TEST SHUT-IN PRESSURE DATA

Upper Completion	Hour, date shut-in <u>N/A</u>	Length of time shut-in	SI press psig	Stabilized? (Yes or No)
Lower Completion	Hour, date shut-in <u>N/A</u>	Length of time shut-in	SI press. psig	Stabilized? (Yes or No)

(Continue on reverse side)

NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

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FLOW TEST NO. 2

Commenced at (hour, date)** 2:00 PM 4/11/00				Zone producing (Upper or Lower): Upper	
TIME (hour, date)	LAPSED TIME Since**	PRESSURE		PROD. ZONE	REMARKS
		Upper Completion	Lower Completion		
2:00 PM 4/11/00	0	109	60		Open San Jose to flow
7:00 PM 4/11/00	5 hrs	60	210		Flowing San Jose
12:00 AM 4/12/00	10 hrs	50	240		Flowing San Jose
5:00 AM 4/12/00	15 hrs	50	260		Flowing San Jose
10:00 AM 4/12/00	20 hrs	50	275		Flowing San Jose
2:00 PM 4/12/00	24 hrs	50	290		Flowing San Jose

Production rate during test

Oil: N/A BOPD based on Bbls. in Hours Grav. GOR
 Gas: 255 MCFPD: Tested thru (Orifice or Meter): Meter

Remarks: Chart clock time running fast to watch time.

I hereby certify that the information herein contained is true and complete to the best of my knowledge.

Approved APR 13 2000 19 Operator Mallon Oil Company New
 Mexico Oil Conservation Division
 By Charles T. Leary By John J. Jelliffe
 Title DEPUTY OIL & GAS INSPECTOR, DIST. #5 Title District Petroleum Engineer
 Date 4/13/00

NORTHWEST 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 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.

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 shut-in while the zone which was previously shut-in is produced.

7. Pressures for gas-zone tests must be measured on each zone with a deadweight pressure gauge at time intervals as follows: 3 hours tests: immediately prior to the beginning of each flow-period, at fifteen-minute intervals during the first hour thereof, and at hourly intervals thereafter, including one pressure measurement immediately prior to the beginning of each flow period, at least one time during each flow period (at approximately the midway point) and immediately prior to the conclusion of each flow period. Other pressures may be taken as desired, or may be requested on wells which have previously shown questionable test data.

24-hour oil zone tests: all pressures, throughout the entire test, shall be continuously measured and recorded with recording pressure gauges the accuracy of which must be checked at least twice, once at the beginning and once at the end of each test, with a deadweight pressure gauge. If a well is a gas-oil or an oil-gas dual completion, the recording gauge shall be required on the oil zone only, with deadweight pressures as required above being taken on the gas zone.

8. The results of the above-described tests shall be filed in triplicate within 15 days after completion of the test. Tests shall be filed with the Aztec District Office of the New Mexico Oil Conservation Division on northwest new Mexico packer leakage Test Form Revised 11-16-98 with all deadweight pressures indicated thereon as well as the flowing temperatures (gas zones only) and gravity and GOR (oil zones only).

MILLON OIL COMPANY

MORNING COMPLETION REPORT

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WELL NAME <u>Jicarilla 458-6 #3 PC/SJ</u>		AFE <u> </u>	DATE <u>4-7-00</u>	DAYS <u>1</u>
ESSENT OPERATION <u>(Conventional)</u>		DEEPEST CASING -- O.D. DEPTH <u> </u>		
BING SIZE & DEPTH <u> </u>		PERFORATED INTERNAL /FORMATION <u> </u>		
INTRACTOR & RIG NO. <u> </u>		<u> </u>		
PBTD <u> </u>	PACKER <u> </u>	TUBING I.D. <u> </u>	FOREMAN <u>Jimmy Costales</u>	REPORT TAKEN BY <u> </u>

DESCRIPTION OF OPERATIONS

1:05 P/m : P.C. - IFTP-64, CFR-323, Lp-53
S.J. - IFTP-57, SICP-72, CFR-180, Lp-52

1:30 P/m : Begin Packer Integrity Test.
Shut in Picture Cliffs, San Jose.

BING & BHA TALLY					DESCRIPTION	DAILY COSTS	CUMM. COSTS
HEAD, GRADE, ETC.	SIZE & WT.	NO. JOINTS	LENGTH		ROAD AND LOCATION		
			FEET	TENTHS			
					BITS		
					COMPLETION & SWAB UNITS		
					COMPLETION FLUID		
					CEMENTING & EQUIP.		
					TESTING		
					PERFORATING & LOGGING		
					STIMULATION		
					SPECIAL SERVICES		
					EQUIPMENT RENTAL		
TOTAL BHA LENGTH					LABOR & TRANSPORTATION		
WELL DATA					SUPERVISION		
SIZE - TYPE	NO. RODS		FEET		OTHER		
					PROD. CASING		
					TUBING		
					WELLHEAD EQUIPMENT		
					SEPARATOR, DEHY. COMP.		

M. ALLON OIL COMPANY

MORNING COMPLETION REPORT

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WELL NAME	Jicarilla 458-6 #3 PC/SJ			AFE	DATE	4-8-00		DAYS	2	
ESSENT OPERATION	(Conventional)				DEEPEST CASING -- O.D. DEPTH					
BING SIZE & DEPTH					PERFORATED INTERNAL /FORMATION					
CONTRACTOR & RIG NO.										
P.B.T.D.		PACKER		TUBING I.D.		FOREMAN		REPORT TAKEN BY		
						Jimmy Costales				
DESCRIPTION OF OPERATIONS										

8:05 AM P.C.: SITP-251 PSI,
S.J.: SITP-108 PSI, SICP-111 PSI.

3:35 PM P.C.: SITP-269 PSI, Chart PSI, 280 PSI
S.J.: SITP-111 PSI, 111 PSI, LP-53, 110 PSI

BING & BHA TALLY					DESCRIPTION	DAILY COSTS	CUMM. COSTS
HEAD, GRADE, ETC.	SIZE & WT.	NO. JOINTS	LENGTH		ROAD AND LOCATION		
			FEET	TENTHS			
					BITS		
					COMPLETION & SWAB UNITS		
					COMPLETION FLUID		
					CEMENTING & EQUIP.		
					TESTING		
					PERFORATING & LOGGING		
					STIMULATION		
					SPECIAL SERVICES		
					EQUIPMENT RENTAL		
					LABOR & TRANSPORTATION		
TOTAL BHA LENGTH					SUPERVISION		
WELL DATA					OTHER		
SIZE - TYPE	NO. RODS		FEET		PROD. CASING		
					TUBING		
					WELLHEAD EQUIPMENT		
					SEPARATOR, DEHY. COMP.		

M. ALLON OIL COMPANY

MORNING COMPLETION REPORT

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WELL NAME	<u>Jicarrilla 458-6 #3 PC/SJ</u>			DATE	<u>4-9-00</u>	DAYS	<u>3</u>
ESSENT OPERATION	<u>(Conventional)</u>			DEEPEST CASING -- O.D. DEPTH			
BING SIZE & DEPTH				PERFORATED INTERNAL /FORMATION			
CONTRACTOR & RIG NO.							
PBD		PACKER	TUBING I.D.	FOREMAN	REPORT TAKEN BY		
<u>J. Costalez</u>							
DESCRIPTION OF OPERATIONS							

6:45 A/m P.C.: SFTP - 293 PSI.
S.J.: SFTP - 114, SFCP - 114,

BING & BHA TALLY					DESCRIPTION	DAILY COSTS	CUMM. COSTS
HEAD, GRADE, ETC.	SIZE & WT.	NO. JOINTS	LENGTH				
			FEET	TENTHS	ROAD AND LOCATION		
					BITS		
					COMPLETION & SWAB UNITS		
					COMPLETION FLUID		
					CEMENTING & EQUIP.		
					TESTING		
					PERFORATING & LOGGING		
					STIMULATION		
					SPECIAL SERVICES		
					EQUIPMENT RENTAL		
TOTAL BHA LENGTH					LABOR & TRANSPORTATION		
WELLHEAD DATA					SUPERVISION		
SIZE - TYPE	NO. RODS		FEET		OTHER		
					PROD. CASING		
					TUBING		
					WELLHEAD EQUIPMENT		
					SEPARATOR, DEHY. COMP.		

M. ALLON OIL COMPANY

MORNING COMPLETION REPORT

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WELL NAME	Jicarilla 458-6 #3 PC/SS	AFE	DATE	4-10-00	DAYS	4
ESSENTIAL OPERATION	Conventional	DEEPEST CASING -- O.D. DEPTH				
PIPE SIZE & DEPTH		PERFORATED INTERNAL /FORMATION				
CONTRACTOR & RIG NO.						
PBTD	PACKER	TUBING I.D.	FOREMAN	J. Costales	REPORT TAKEN BY	
DESCRIPTION OF OPERATIONS						

Watch- 7:25 AM P.C. : SITP - 319 PSI, S.J. : SITP - 117, SICP - 117 PSI, 110 PSI. Chart 310 PSI

Watch- 1:25 PM P.C. : SITP - 324 PSI. S.J. : SITP - 119, SICP - 120 PSI.

1:30 PM Open Picture lifts to production. 24 hour flow test.

2:15 PM P.C. : FTP - 109 PSI, CFR - 900 MCFD, LP - 58 S.J. : SITP - 120 PSI, SICP - 120 PSI.

BING & BHA TALLY					DESCRIPTION	DAILY COSTS	CUMM. COSTS
HEAD, GRADE, ETC.	SIZE & WT.	NO. JOINTS	LENGTH		ROAD AND LOCATION		
			FEET	TENTHS			
					BITS		
					COMPLETION & SWAB UNITS		
					COMPLETION FLUID		
					CEMENTING & EQUIP.		
					TESTING		
					PERFORATING & LOGGING		
					STIMULATION		
					SPECIAL SERVICES		
					EQUIPMENT RENTAL		
TOTAL BHA LENGTH					LABOR & TRANSPORTATION		
WELL DATA					SUPERVISION		
SIZE - TYPE	NO. RODS		FEET		OTHER		
					PROD. CASING		
					TUBING		
					WELLHEAD EQUIPMENT		
					SEPARATOR, DEHY. COMP.		

MILLON OIL COMPANY

MORNING COMPLETION REPORT

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WELL NAME	J. Carilla 458-6 #3 PC/SS	AFE	DATE	4-11-00	DAYS	5
ESSENTIAL OPERATION	Packer Integrity Test (Conventional)		DEEPEST CASING -- O.D. DEPTH			
Casing Size & Depth			PERFORATED INTERNAL /FORMATION			
CONTRACTOR & RIG NO.						
PBTD	PACKER	TUBING I.D.	FOREMAN		REPORT TAKEN BY	
			Jimmy Costalez			

DESCRIPTION OF OPERATIONS

Watch - 2:00 P/m P.C. : FTP-64, CFR-435 MCFD, LP-52 PSI.
 Clock - 3:00 P/m S.J. : SITP-119, SICP-120.

Shut in Picture clifts, Instay San Jose on line
 for 24 hour Flow test.

2:45 P/m P.C. : SITP - 173 PSI.
 S.J. : FTP- 66 PSI, SICP-100 PSI, CFR-625 MCFD
 LP-53 PSI.

BING & BHA TALLY					DESCRIPTION	DAILY COSTS	CUMM. COSTS
HEAD, GRADE, ETC.	SIZE & WT.	NO. JOINTS	LENGTH		ROAD AND LOCATION		
			FEET	TENTHS			
					BITS		
					COMPLETION & SWAB UNITS		
					COMPLETION FLUID		
					CEMENTING & EQUIP.		
					TESTING		
					PERFORATING & LOGGING		
					STIMULATION		
					SPECIAL SERVICES		
					EQUIPMENT RENTAL		
TOTAL BHA LENGTH					LABOR & TRANSPORTATION		
WELL DATA					SUPERVISION		
SIZE - TYPE	NO. RODS		FEET		OTHER		
					PROD. CASING		
					TUBING		
					WELLHEAD EQUIPMENT		
					SEPARATOR, DEHY. COMP.		

MILLON OIL COMPANY

MORNING COMPLETION REPORT

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WELL NAME	<u>Sicaria 458-6 #3 PC/SJ</u>			AFE	DATE	<u>4-12-00</u>	DAYS
ESSENT OPERATION	<u>Packer Integrity Test</u>			DEEPEST CASING -- O.D. DEPTH			
WELL SIZE & DEPTH	<u>(Conventional)</u>			PERFORATED INTERNAL /FORMATION			
TRACTOR & RIG NO.				FOREMAN		REPORT TAKEN BY	
PBTD		PACKER		TUBING I.D.		<u>J. Costale 2</u>	

DESCRIPTION OF OPERATIONS

8:00 A/m

P.C. : SITP-288 PSI

S.J. : SITP-55 SITP-76, CFR-264 MCFD, LP-50 PSI.

1:30 P/m

P.C. : SITP-297 PSI.

S.J. : FIP-54 PSI, SITP-70 PSI, CFR-255 MCFD, LP-51

2:00 P/m : End of Packer Integrity Test.

BING & BHA TALLY					DESCRIPTION	DAILY COSTS	CUMM. COSTS
HEAD, GRADE, ETC.	SIZE & WT.	NO. JOINTS	LENGTH		ROAD AND LOCATION		
			FEET	TENTHS			
					BITS		
					COMPLETION & SWAB UNITS		
					COMPLETION FLUID		
					CEMENTING & EQUIP.		
					TESTING		
					PERFORATING & LOGGING		
					STIMULATION		
					SPECIAL SERVICES		
					EQUIPMENT RENTAL		
					LABOR & TRANSPORTATION		
					SUPERVISION		
SIZE - TYPE	NO. RODS	FEET		OTHER			
					PROD. CASING		
					TUBING		
					WELLHEAD EQUIPMENT		
					SEPARATOR, DEHY. COMP.		



