



& 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
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AZTEC NM 87410
(800) 334-6176 FAX: (800) 334-6170
http://www.nrd.state.nm.us/oil/District/HU3/district.htm

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Revised 11/16/98

NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

IMDA 701-98-0013

Operator Mallon Oil Company

Lease Name Jicarilla 29-02-09

Well No 1

Location of Well: Unit Letter L Sec 9 Twp 29N Rge 02W API # 30-039-26094

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

PRE-FLOW SHUT-IN PRESSURE DATA

Upper Completion	Hour, date shut-in 11:30AM 11/24/00	Length of time shut-in 72 hrs	SI press. Psig 140 psig	Stabilized? (Yes or No) Yes
Lower Completion	Hour, date shut-in 11:30AM 11/24/00	Length of time shut-in 72 hrs	SI press. Psig 1110 psig	Stabilized? (Yes or No) Yes

FLOW TEST NO. 1

Commenced at (hour, date)*				Zone producing (Upper or Lower):	
TIME (hour, date)	LAPSED TIME SINCE*	PRESSURE		PROD. ZONE TEMP.	REMARKS
		Upper Completion	Lower Completion		
11:30 AM 11/27/00	0	140	1110		Flow Pictured Cliffs
4:30 PM 11/27/00	5	140	180		Flow Pictured Cliffs
9:30 PM 11/27/00	5	140	180		Flow Pictured Cliffs
3:30 AM 11/28/00	5	140	150		Flow Pictured Cliffs
8:30 AM 11/28/00	5	140	143		Flow Pictured Cliffs
11:30 AM 11/28/00	4	140	135		Flow Pictured Cliffs

Production rate during test

Oil: _____ BOPD based on _____ Bbls. in _____ Hours _____ Grav. _____ GOR _____

Gas: 471 MCFPD; Tested thru (Orifice or Meter): Orifice

MID-TEST SHUT-IN PRESSURE DATA

Upper Completion	Hour, date shut-in	Length of time shut-in	SI press psig	Stabilized? (Yes or No)
Lower Completion	Hour, date shut-in	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)** 2:05PM 11/28/00				Zone producing (Upper or Lower): Upper	
TIME (hour, date)	LAPSED TIME Since**	PRESSURE		PROD. ZONE	REMARKS
Upper Completion	Lower Completion				
2:05 PM 11/28/00	0	140	135		Flow San Jose
7:05 PM 11/28/00	5	15	600		Flow San Jose
12:05 AM 11/29/00	5	15	750		Flow San Jose
5:05 AM 11/29/00	5	12	860		Flow San Jose
10:05 AM 11/29/00	5	10	920		Flow San Jose
2:05 PM 11/29/00	4	10	980		Flow San Jose

Production rate during test

Oil: _____ BOPD based on _____ Bbls. in _____ Hours. _____ Grav. _____ GOR _____
 Gas: _____ 70 MCFD _____ MCFPD: Tested thru (Orifice or Meter): _____ Orifice

Remarks: Flowing gas volume are estimates only (wells were flowed to pit through a 2" Ball Valve, no orifice was put in place - sorry).

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

DEC 19 2000

Approved _____ 19 _____
 Mexico Oil Conservation Division

Operator Mallon Oil Company _____ New

ORIGINAL SIGNED BY CHARLIE T. PERREN

By John Jelliff
John Jelliff
 Title District Petroleum Engineer

By _____
 Title DEPUTY OIL & GAS INSPECTOR, DIST. #3

Date 12/14/00

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).

M L LON OIL COMPANY

MORNING COMPLETION REPORT

PAGE 1 OF 3

WELL NAME	Jic. 29-02-09- #1	AFE	DATE	11-24-00	DAYS
ESSENTIAL OPERATION	Packer Integrity test.		DEEPEST CASING -- O.D. DEPTH		
BING SIZE & DEPTH			PERFORATED INTERNAL /FORMATION		
TRACTOR & RIG NO.					
PBTD	PACKER	TUBING I.D.	FOREMAN	REPORT TAKEN BY	
			Jimmy Cestalez		

DESCRIPTION OF OPERATIONS

11-24-00(JC) Begin Packer Integrity test.
 11:30^{Am} SJ: SITP-144 PSIG, SICP-160 PSIG (well head only)
 PC: SITP-1180 PSIG, Recorder-1080 PSI (100 PSI LOW)

11-25-00 (RH)
 SJ: SITP-145 PSIG, SICP-150 PSIG.
 PC: SITP-1160 PSIG.

11-26-00 (RT)
 SJ: SITP-145 PSIG, SICP-148 PSIG.
 PC: SITP-1168 PSIG.

11-27-00 (RT)
 8:15^{Am} SJ: SITP-145 PSIG, SICP-148 PSIG.
 PC: SITP-1172 PSIG, Recorder-1081 PSI (91 PSI LOW)
 11:30^{Am} - open Picture Cliffs to pit.

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		
ADDITIONAL DATA					SUPERVISION		
SIZE - TYPE		NO. RODS		FEET	OTHER		
					PROD. CASING		
					TUBING		
					WELLHEAD EQUIPMENT		
					SEPARATOR, DEHY. COMP.		

MILLON OIL COMPANY

MORNING COMPLETION REPORT

PAGE 2 OF 3

WELL NAME <u>Jicarilla 29-02-09#1</u>		AFE	DATE <u>11-28-00</u>	DAYS <u>3</u>
ESSENTIAL OPERATION <u>Packer Integrity Test</u>		DEEPEST CASING -- O.D. DEPTH		
Casing Size & Depth		PERFORATED INTERNAL /FORMATION		
CONTRACTOR & RIG NO.				
PBTD	PACKER	TUBING I.D.	FOREMAN <u>Jimmy Castalez</u>	REPORT TAKEN BY
DESCRIPTION OF OPERATIONS				

11-28-00

9:30 AM SJ: SITP-138 PSI, STCP-148 PSI Recorder-140 PSI.
P.C.: FTP-34 PSI, open up Pinned Valve FTP- Decreased
to 15 PSI. Recorder at 95 PSI.

2:05 PM SJ: SITP-138 PSI, STCP-148 PSI. Recorder-140 PSI.
P.C.: FTP-5 PSI Recorder at 95 PSI. Shut in P.C. 2:10 PM
NOTE: Open San Jose to pit. 2" Full open Bail Valve. 2:10 PM
P.C. Recorder on Low End NOT SENSING AS WELL.

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		
ADDITIONAL 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>Jiracilla 29-02-09 #1 P.C.</u>			AFE	DATE	<u>11-29-00</u>		DAYS	<u>3</u>
ESSENT OPERATION	<u>Packer Integrity test</u>				DEEPEST CASING -- O.D. DEPTH				
BING SIZE & DEPTH					PERFORATED INTERNAL /FORMATION				
CONTRACTOR & RIG NO.									
	PBTD	PACKER	TUBING I.D.	FOREMAN	REPORT TAKEN BY				
				<u>Jimmy Costales</u>					

DESCRIPTION OF OPERATIONS

11-29-00

3:00 Pm S.J. : FTP-10 PSIG STEP-118 PSI (2" opened BALL VALVE) REC. 10 PSI
P.C. : STTP-980 PSIG Recorder FROZEN.

Shut in San Jose End of Packer Test.

BING & BHA TALLY

HEAD, GRADE, ETC.	SIZE & WT.	NO. JOINTS	LENGTH		DESCRIPTION	DAILY COSTS	CUMM. COSTS
			FEET	TENTHS			
					ROAD AND LOCATION		
					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.		



