

STATE OF NEW MEXICO
ENERGY and MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

OIL CON. DIV.
LDIST. 3

Page 1
Revised 10/01/78

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

NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

Operator BHP PETROLEUM (AMERICAS) INC. Lease O.H. RANDEL Well No. 2
Location of Well: Unit N Sec. 10 Twp. 26N Rge. 11W County SAN JUAN

	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	GALLEGOS GALLUP	OIL	ARTIFICIAL LIFT	TBG.
Lower Completion	BASIN DAKOTA	GAS	FLOW	TBG.

PRE-FLOW SHUT-IN PRESSURE DATA

Upper Completion	Hour, date shut-in	Length of time shut-in	SI press. psig	Stabilized? (Yes or No)
	9:45 am 04-19-92	3 DAYS	208	NO
Lower Completion	Hour, date shut-in	Length of time shut-in	SI press. psig	Stabilized? (Yes or No)
	9:45 am 04-19-92	6 DAYS	10	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		
9:30 am 04-23-92	1 DAY	50	10		DAKOTA SHUT IN GALLUP PRODUCING
9:00 am 04-24-92	2 DAY	48	10		DAKOTA SHUT IN GALLUP PRODUCING
9:15 am 04-25-92	3 DAY	45	10		DAKOTA SHUT IN GALLUP PRODUCING

Production rate during test

Oil: 6 BOPD based on Bbls. in Hours. Grav. 42.4 COR 9166
Gas: 55 MCFPD; Tested thru (Orifice or Meter): METER

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)

Commenced at (hour, date) * *

Production rate during test

BOPD based on -

ཡུ་གུ་གུ་

Hours.

Gray.

GOR

சுரு:

MCFPD: Tested thru (Office or Meter):

Remarks:

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

Approved

JUL 28 1992

New Mexico Oil Conservation Division

Original Signed by CHARLES THOMPSON

By

DEPUTY OIL & GAS INSPECTOR, DIST. #3

Time

Date _____

07-23-92

Tide

OPERATIONS SUPERINTENDENT

By

FRED LOWERY

Operator

BHP PETROLEUM (AMERICAS) INC.

61

NORTHWEST NEW MEXICO PACKER LEAKAGE TEST INSTRUCTIONS

1. A packet inspection shall be commenced as early as possible with a view to the completion of the well, and initially it shall be commenced on all multiple completion wells when day following completion and/or chemical or fluid treatment, and otherwise it shall be commenced on a well during which the perforation or tubing has been damaged. This shall also be taken at any time that communication is interrupted or when required by the Division.
2. At least 72 hours prior to the commencement of any packet inspection, the operation shall notify the Division in writing of the exact time the test is to be commenced. Operations shall also be so notified.
3. The packet inspection shall commence when both zones of the dual completion are present in each well subbed, 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. None of an initial packet inspection test is to be begun prior to the expiration of the last day of a previous completion test. The test shall be three hours.
5. Following completion of Flow Test No. 1, the well shall again be shut-in, to permit data with Paragraph 3 above.
6. Flow Test No. 2 shall be conducted even though no test was indicated during Flow Test No. 1. Procedures for Flow Test No. 2 are to be the same as for Flow Test No. 1 except that the test shall be three hours.

1. Pressure for each test must be measured on each test with a deadweight hanger at 15 minute intervals as follows: 3 hours test immediately prior to the beginning of each flow period, at fifteen minute intervals during the flow period, and at hourly intervals thereafter, including one pressure measurement immediately prior to the conclusion of each flow period. 3 day test 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 pressure may be taken as desired, or may be requested on wells which have previously shown questionable results.

2. Hour of each test, 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 recording pressure gauge. If a well is a full or an old full completion, the recording gauge shall be required on the test zone only, with deadweight pressure as required above being taken on the test zone.

3. The results of the above-described test shall be filed in duplicate within 15 days after completion of the test. Tests shall be filed with the Asset Division Office of the New Mexico Oil Conservation Division on November Nine Next. Please Letter Test Form Number 1001-72 with all deadweight pressure indicated thereon as well as the flowing temperatures (for zone only) and casing and CO₂ (for cement only).