

## NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

Operator FOUR STAR OIL AND GAS COMPANY Lease FARMING E Well No. 3Location of Well: Unit K Sec. 2 Twp. 24N Rge. 6W County RIO ARriba

	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	DEVILS FORK GALLUP	OIL	SHUTIN	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	Stablized (Yes or No)
Lower Completion	Hour, Date shut-in	Length of time shut-in	Si press. psig	Stablized (Yes or No)

## 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		
7-24-97	24 HRS.	0	260		BOTH ZONES SHUT IN
25	48 HRS.	0	480		" " " "
26	72 HRS.	0	494		" " " "
27	96 HRS.	0	532		" " " "
28	120 HRS.	0	570		" " " "
29	144 HRS.	0	599		" " " "
30	168 HRS.	0	610		" " " "
31	192 HRS.	0	333		UPPER SHUT IN; LOWER FLOWING
8-1	216 HRS.	0	402		UPPER SHUTIN : LOWER FLOWING

Production rate during test

Oil \_\_\_\_\_ BOPD based on \_\_\_\_\_ Bbls. in \_\_\_\_\_ Hours \_\_\_\_\_ Grav. \_\_\_\_\_ GOR \_\_\_\_\_

Gas \_\_\_\_\_ MCFPD; Tested thru (Orifice or Meter): \_\_\_\_\_

## MID-FLOW SHUT-IN PRESSURE DATA

Upper Completion	Hour, Date shut-in	Length of time shut-in	Si press. psig	Stablized (Yes or No)
Lower Completion	Hour, Date shut-in	Length of time shut-in	Si press. psig	Stablized (Yes or No)

OIL CONSERVATION DIVISION  
NEW MEXICO  
RIO ARriba  
FARMING E  
WELL NO. 3  
PACKER-LEAKAGE TEST  
8-1-97

## FLOW TEST NO. 2

Commenced at (hour, date)**				Zone producing (Upper or Lower)	
TIME (hour, date)	LAPSED TIME SINCE**	PRESSURE		PROD. ZONE TEMP.	REMARKS
		Upper completion	Lower completion		

Production rate during test

Oil \_\_\_\_\_ BOPD based on \_\_\_\_\_ Bbls. in \_\_\_\_\_ Hours \_\_\_\_\_ Grav \_\_\_\_\_ GOR \_\_\_\_\_  
 Gas \_\_\_\_\_ MCFPD; Tested thru (Orifice or Meter): \_\_\_\_\_

Remarks: TEST WAS CONDUCTED IN CONJUNCTION WITH EPNG PLANTS SHUT DOWN.

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

Approved \_\_\_\_\_  
 New Mexico Oil Conservation Division

By \_\_\_\_\_  
 Title \_\_\_\_\_

Operator FOUR STAR OIL AND GAS COMPANY

By Paul D Berhart

Title ENGINEER ASSISTANT

Date NOVEMBER 17 1997