

NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

Operator FOUR STAR OIL AND GAS COMPANY Lease MEXICO FED ' D ' Well No. 1

Location of Well: Unit A Sec. 32 Twp. 29N Rge. 10W County SAN JAUN

	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	AZTEC FRUITLAND	GAS	FLOW	TBG.
Lower Completion	AZTEC PICTURED CLIFFS	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		
6-15-97	0 HRS.	110	111		BOTH ZONES SHUTIN
16	24 HRS.	111	120		
17	48 HRS.	111	135		. . . .
18	72 HRS.	111	137		
19	96-HRS.	111	140		. . . .
20	120 HRS.	111	143		
21	144 HRS.	112	146	. . .	. . .
22	168 HRS.	112	149		
23	192 HRS.	112	110		UPPER SHUTIN; LOWER FLOW 24 HRS.
24	216 HRS.	112	129		UPPER SHUTIN; LOWER FLOW 24 HRS.

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)

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OIL CON. DIV.  
DIST. 3

## 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 Johnny Robinson  
 Title Deputy Oil & Gas Inspector

Operator FOUR STAR OIL AND GAS COMPANY

By Paul D. Berhart

Title ENGINEER ASSISTANT

Date NOVEMBER 17 1997