STATE OF NEW MEXICO ENERGY and MINERALS DEPARTMENT

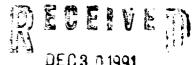
OIL CONSERVATION DIVISION

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

NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

MO Derator	BIL PRODUCIN	IG TX. & N.M.	INC. Lease _	.licarilla	F	Well No	
ration	Sec. 22	Twp27N	Rge	03w	Count	Y Rio Arriba	
	NAME OF RESERVO		TYPE OF P	ROD.	METHOD OF PROD. (Flow or Art. Lift)	PROD. MEDIUM (Tbg. or Cag.)	
Upper Gavilan Pictured Cliffs			Gas	Gas S.		TBG	
Lower Blanco Mesa Verde			Gas	Gas Fi		TBG	
<u></u>	<u></u>	PRE-FL	OW SHUT-IN P	RESSURE DATA	1		
Hour, date shul-in Length of time shul-in		ut-in	SI press. psig		labilized? (Yes or No)		
npletion 9-15-90			1 yr. 3 mo. Length of time shut-in		S	Ves Stabilized? (Yes or No)	
12 3			FLOW TEST	900# NO. 1			
nimenced at (hour, date)*				Zone producing (Upper or Lowerk LOWER			
TIME LAPSED TIME		PRES Upper Completion	PRESSURE Upper Completion Lower Completion		REMARKS		
(hour, date) 2-17-91	SINCE* 5 min.	150#	900#	TEMP.	Blowed we	11 by hand.	
2-17-91	10 min.	132#	900#		Well will	not buck line	
2-17-91	15 min.	124#	900#		pressure.		
2-17-91	20 min.	124#	900#				
							
duction tate d	uring test	<u> </u>	<u> </u>	.k <u>.</u>			
:	ВОР	D based on	Bbls. is	1 Hou	rs Gr	av GOR	
::	Ø	MCF	PD; Tested thru	(Orifice or Met	er): METER		
			EST SHUT-IN P			Inhilitari2 (Yes or Not	
Hour, date shut-in Length of time shu pletien		ut-in	SI press. psig	5	Stabilized? (Yes or No)		
		Length of time sh		SI press. psig		tabilized? (Yes or No)	



FLOW TEST NO. 2

Commenced at (hour, date) 本年				Zone producing (Upper or Lower):		
TIME (hour, date)	LAPSED TIME SINCE **	PRES Upper Completion	SURE Lower Completion	PROD. ZONE	REMARKS	
		· · · · · •			The state of the s	
				!		
	***			1		
Production rate d	uring test				• • • •	
Oil:	ВОР	D based on	Bbls. in	Hours.	Grav GOR	
G25:		MCF	PD: Tested thru	(Orifice or Meter)):	
Remarks:						
· · · · · · · · · · · · · · · · · · ·					•	
I hereby certify th	at the informati	on herein contains	ed is true and co	omplete to the best	t of my knowledge.	
ApprovedD	EC 3 0 19	91			SIL EXP. & PROD. U.S. INC.	
New Mexico Oi	l Conservation I	Division	I	By	Hoys	
ByOrigi	inal Signed by Cr	FARCES CHOLSON	7	Title PRODUCTION TECH. I		
Title DEPUTY Of	L & GAS INSPECT	OR, DIST. #3	I	Date		

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 term shall also be commenced on all multiple completions within seven days following recompletion and/or chemical or fracture treatment, and whenever temedial work has been done on a well during which the packer or the rubing 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.
- 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 aumosphere 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 Ten No. 1. Procedure for Flow Ten No. 2 is to be the same as for Flow Ten No. 1 except

- that the previously produced zone shall remain shur-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 conclusion of each flow period. 7-day term: 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 Axter District Office of the New Mexico Oil Conservation Division on Northwest New Mexico Packer Leakage Test Form Revised 10-01-78 with all deadweight pressures indicated thereon as well as the flowing . temperatures (gas zones only) and gravity and GOR (oil zones only).

(Thousands)

