STATE OF NEW MEXICO ENERGY and MINERALS DEPARTMENT

Location

of Well:

OIL CONSERVATION DIVISION

NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST FOR 2003

Operator CAULKINS OIL COMPANY Lease BREECH "B" Well No. 220-R API NO. 30-039-21998

Unit B Sec. 14 Twp. 26N Rge. 7W County Rio Arriba

Upper Compl. Discrete Chacara - Pictured Cliff Gas Flow Tubing		NAME OF RESERVOIR O		R POOL TYPE OF PRO		OD.	(Flow or Art. Lift	I I		
Description		Otero Chacra - Pictured		Cliff	Gas		Flow	Tubing		
Upper		wer Basin Dakota - Mesa V			erde Gas		Flow	Tubing		
Upper Hour, date shut-in Production										
Comp. 9:30 a. m. 2-9-04 72 hours 177 Yes Subblitzed (Yes or No) 172 hours 177 Yes Subblitzed (Yes or No) 172 hours 177 Yes Subblitzed (Yes or No) 172 hours 177 Yes 177 178 178 177 178 177 178 177 178 177 178 178 179 169 160 158 160 158	PRE-FLOW SHUT-IN PRESSURE DATA									
Comp. 9:30 a. m. 2-9-04 72 hours 177 Yes Subhitzoff Yes or No) Production rate during test Oil:	Upper	Hour, date shut-i	n			SI press.	psig	Stabilized?(Yes or No)		
Commenced at (hour, date)* 9:30 an 2/9/04 Zone producing (Upper or Lower): TIME										
Commenced at (hour, date)* 9:30 am 2/9/04 Zone producing (Upper or Lower): TIME	Lower	Hour, date shut-i	n ·	Length of time shut-in		SI press.	psig	Stabilized?(Yes or No)		
Commenced at (hour, date)* 9:30 am 2/9/04 Zone producing (Upper or Lower): TIME	Comp.	9:30 a. m. 2-9-04		72 hours		252		Yes		
Commenced at (hour, date)* 9:30 am 2/9/04 Zone producing (Upper or Lower): TIME										
Commenced at (hour, date)* 9:30 am 2/9/04 Zone producing (Upper or Lower): TIME			200	× ×	ELOW TEST N	0.1				
TIME					FLOW TEST N	U, I	,			
TIME	Commence	Commenced at (hour, date)* 9:30 am 2/9/04 Zone producing (Upper or Lower):								
Comp. Comp										
9:30 am 2/10/04	TIN	ME .					1	DEMARKS		
9:30 am 2/11/04	(hour, date) SIN			Upper Comp. Lower C						
9:30 am 2/12/04 72 hrs. 177 2:52 60 Both Zones Shut-In 9:30 am 2/13/04 96 hrs. 179 169 60 Lower Zone Turned On 9:30 am 2/14/04 120 hrs. 180 158 60 Lower Zone Producing Production rate during test Oil:BOPD based onBbls. inHoursGravity										
9:30 am 2/13/04 96 hrs. 179 169 60 Lower Zone Turned On 9:30 am 2/14/04 120 hrs. 180 158 60 Lower Zone Producing Production rate during test Oil:BOPD based onBbls. inHoursGraph Of time shut-inBOPD										
Production rate during test Oil: BOPD based on Bbls. in Hours Grants OR MID-TEST SHUT-IN PRESSURE DATA Upper Hour, date shut-in Length of time shut-in St press, psig Comp. 9:30 a. m. 2-9-04 180 158 60 Lower Zone Producing 61 Stablized (Yes or No) 61 Stablized (Yes or No) 61 Stablized (Yes or No) 62 Stablized (Yes or No) 63 Stablized (Yes or No) 64 Stablized (Yes or No) 65 S	D									
Production rate during test Oil:BOPD based onBbls. inHoursGraveGOR Gas:MCFPD: Tested thru (Orifice or Meter): MID-TEST SHUT-IN PRESSURE DATA Upper Hour, date shut-in										
Oil:BOPD based onBbls. inHoursGraves Graves Gr	9:30 am 2/14/04 120 hrs.		120 hrs.	180 1		8 60		Lower Zone Producing		
Oil:BOPD based onBbls. inHoursGraves Graves Gr				<u> </u>						
Oil:BOPD based onBbls. inHoursGraves Graves Gr	D 1 .:							20 TO TO TO TO		
MID-TEST SHUT-IN PRESSURE DATA Upper Hour, date shut-in Length of time shut-in Sl press. psig Stablized?(Yes or No) Comp. 9:30 a. m. 2-9-04 192 hours 182	Production rate during test									
MID-TEST SHUT-IN PRESSURE DATA Upper Hour, date shut-in Length of time shut-in Sl press. psig Stablized?(Yes or No) Comp. 9:30 a. m. 2-9-04 192 hours 182	Uil: BOPD based on Bbls. in Hours Grave GOR									
MID-TEST SHUT-IN PRESSURE DATA Upper Hour, date shut-in Length of time shut-in Sl press. psig Stablized?(Yes or No) Comp. 9:30 a. m. 2-9-04 192 hours 182	~						Į.	WAR 200g		
MID-TEST SHUT-IN PRESSURE DATA Upper Hour, date shut-in Length of time shut-in St press. psig Stablized?(Yes or No) Comp. 9:30 a. m. 2-9-04 192 hours 182	Gas: MCFPD: Tested thru (Orifice or Meter):									
Upper Hour, date shut-in Length of time shut-in Sl press. psig Stablized?(Yes or No) Comp. 9:30 a. m. 2-9-04 192 hours 182										
Upper Hour, date shut-in Length of time shut-in Sl press. psig Stablized?(Yes or No) Comp. 9:30 a. m. 2-9-04 192 hours 182				MID-TEST	r shut-in pre	SSURF	DATA			
Comp. 9:30 a. m. 2-9-04 192 hours 182	Upper	Hour, date shut-	in The state of th							
<u> </u>				192 hours		182				
Lower Substitution Substitutio	Lower			Length of time shut-in		SI press. psig		Stablized?(Yes or No)		
Comp. 9:30 a. m. 2-14-04 72 hours 249 Yes	II	1		72 hours		249		Yes		
	<u> </u>	7.00 0.00				1				

(Continue on reverse side)

FLOW TEST NO. 2

Commenced at (hour	· · · · · · · · · · · · · · · · · · ·	11. 2/14/04	Zone producing (Up	per or Lower).	
TIME (hour, date)	LAPSED TIME SINCE*	PRI Upper Comp.	ESSURE Lower Comp.	PROD. ZONE TEMP.	REMARKS
9:30 am 2/15/04	24 hrs.	181	233	60	Both Zones Shut-In
9:30 am 2/16/04	48 hrs.	181	242	60	Both Zones Shut-In
9:30 am 2/17/04	72 hrs.	182	249	60	Both Zones Shut-In
9:30 am 2/18/04	96 hrs.	73	255	60	Upper Zone Turned On
9:30 am 2/19/04	120 hrs.	40	261	60	Upper Zone Producing

Production r	ate during test				
Oil:	BOPD based on	Bbls. in	Hours	Grav	GOR
- Gas:	MCFPD: Test	ed thru (Orifice or	Meter):		
Remarks:			···		
•	ify that the information here $MAR - 1$ 2004'		-	·	
Approval	- 2004	_ 19	Operator	Caulkins Oil Cor	npany
	Oil Conservation Division		By Robert	1 2 Vergre	
By	It the	·	Title Super	intendent .	
Title	y oil & gas inspector, dist. 💋		Date Febru	uary 26, 2004	

NOTE: This format is in lieu of Oil Conservation Division, Packer Leakage Tests Form.