

# NEW MEXICO ENERGY, MINERALS, & NATURAL RESOURCES DEPARTMENT

## NORTHWEST NEW MEXICO PACKER LEAKAGE TEST

Operator: ConocoPhillips Company Lease Name: LACKEY B LS Well No.: 12A  
 API Number: 30-045-26581 Unit Letter: N Section 21 Township: 28N Range 9W

	Name of Formation or Reservoir	Production Type ( Oil or Gas )	Production Method ( Flow or Art. Lift )	Production Medium ( Tbg or Csg )
Upper Zone	<b>CHACRA</b>	<b>GAS</b>	<b>FLOW</b>	<b>TUBING</b>
Lower Zone	<b>MESA VERDE</b>	<b>GAS</b>	<b>ART. LIFT</b>	<b>TUBING</b>

INITIAL SHUT-IN AND FINAL BUILDUP PRESSURES					
Upper Zone	Date Shut In <b>05/15/06</b>	Hour Shut In <b>0800 AM</b>	Initial SI Pressure <b>0 psig</b>	Final Buildup Press. <b>0 psig</b>	Stabilized? ( Yes or No ) <b>YES</b>
Lower Zone	Date Shut In <b>05/15/06</b>	Hour Shut In <b>0800 AM</b>	Initial SI Pressure <b>94 psig</b>	Final Buildup Press. <b>165 psig</b>	Stabilized? ( Yes or No ) <b>YES</b>

BUILDUP DATA					
Date	Elapsed Time Since Shut-In	Pressure		Remarks	
		Upper	Lower		
05/16/06	26 hrs	0 psig	142 psig	Chacra TSI	
05/17/06	48 hrs	0 psig	147 psig	Chacra TSI	
05/18/06	72 hrs	0 psig	152 psig	Chacra TSI	
05/19/06	96 hrs	0 psig	155 psig	Chacra TSI	
05/20/06	120 hrs	0 psig	160 psig	Chacra TSI	
05/21/06	144 hrs	0 psig	160 psig	Chacra TSI	
05/22/06	168 hrs	0 psig	160 psig	Chacra TSI	

FLOW TEST #1						
Commenced at ( Date, Hour ):		<b>05/23/06</b>	<b>0800 AM</b>	Zone Producing ( Upper or Lower ):		<b>LOWER</b>
Time (Date or Hour)	Elapsed Time Since Shut-In	Pressure		Flow Rate		Remarks
		Upper	Lower	MCFD	BOPD	
5/23/06	192 hrs	0 psig	165 psig	560		Flow = 66 psia Differential = 172 inches H2O
5/24/06	222 hrs	0 psig	80 psig	572		Flow = 72 psia Differential = 172 inches H2O
5/25/06	240 hrs	0 psig	63 psig	301		Flow = 64 psia Differential = 050 inches H2O
5/27/06	288 hrs	0 psig	52 psig	186		Flow = 61 psia Differential = 020 inches H2O

FLOW TEST #2 ( If first flow test fails. )						
Commenced at ( Date, Hour ):				Zone Producing ( Upper or Lower ):		
Time (Date or Hour)	Elapsed Time Since Shut-In	Pressure		Flow Rate		Remarks
		Upper	Lower	MCFD	BOPD	

FLOW TEST DATA						
Gas Measurement (MCFD) based on:		EFM Orifice Meter	<b>X</b>	Dry Flow Meter		Turbine
Oil Measurement (BOPD) based on:		Tank Gage	<b>X</b>	PDM	<b>LACT</b>	GOR

Remarks

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

Approved H. Villanueva Date JUN 14 2006 Operator ConocoPhillips Company

New Mexico Oil and Gas Commission DEPUTY OIL & GAS INSPECTOR, DIST. 0 By MARVIN CHARLEY

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

Title \_\_\_\_\_ Date \_\_\_\_\_ Date 05/30/06