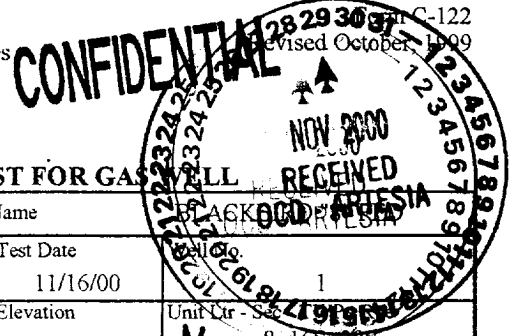


Submit in duplicate to appropriate district office. See Rule 401 & Rule 1122

State of New Mexico  
Energy Minerals and Natural Resources  
Oil Conservation Division  
2040 South Pacheco  
Santa Fe, NM 87505



MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Operator CONCHO RESources Inc.				Lease or Unit Name			
Type Test <input checked="" type="checkbox"/> Initial <input type="checkbox"/> Annual <input type="checkbox"/> Special						Test Date 11/16/00	
Completion Date 1/2/00		Total Depth 9506		Plug Back TD 9490		Elevation 8165	
Csg. Size 4 1/2	Wt. 11.6	d 3.958	Set At 9506	Perforations: From: 9180 To: 9316		County EDDY	
Tbg. Size 2 3/8	Wt. 4.7	d 1.995	Set At 9045	Perforations: From: To:		Pool <i>Diamond Mound</i> Morrow	
Type Well-Single-Bradenhead-G.G. or G.O. Multiple SINGLE				Packer Set At 9045		Formation <i>Morrow</i>	
Producing Thru TUBING		Reservoir Temp. °F 164.4	Mean Annual Temp. °F 60	Baro. Press.-P <sub>a</sub> 13.2		Connection SALES	
L 9045	H 9045	Gg 0.638	%CO <sub>2</sub> 0.374	%N <sub>2</sub> 0.47	%H <sub>2</sub> S N/A	Prover N/A	Meter Run 4.029
FLOW DATA			TUBING DATA			CASING DATA	
No.	Prover Line Size	Orifice x Size	Press p.s.i.g.	Diff. h <sub>w</sub>	Temp. °F	Press p.s.i.g.	Temp. °F
SI						2350	N/A
1	4.029 X 2.000		377	2.1	72	2100	
2	4.029 X 2.000		386	6.9	76	1970	
3	4.029 X 2.000		395	13.7	74	1883	
4	4.029 X 2.000		412	24.9	70	1550	
5							
RATE OF FLOW CALCULATIONS							
No.	COEFFICIENT (24 Hour)	h <sub>w</sub> P <sub>m</sub>	Pressure P <sub>m</sub>	Flow Temp. Factor Ft.	Gravity Factor F <sub>g</sub>	Super Compress Factor F <sub>pv</sub>	Rate of Flow Q. Mcfd
1							778
2		VOLUMES	BY	TOTAL	FLOW	METER	1372
3							1960
4							2730
5							
No.	P <sub>r</sub>	Temp. °R	T <sub>r</sub>	Z	Gas Liquid Hydrocarbon Ratio 190 Mcf/bbl.		
1					A.P. I. Gravity of Liquid Hydrocarbons 57.4 Deg.		
2	TOTAL	FLOW	METER		Specific Gravity Separator Gas .638/ G MIX=1.014 XXXXXXX		
3					Specific Gravity Flowing Fluid N/A XXXXXX		
4					Critical Pressure 673 P.S.I.A. 661 P.S.I.A.		
5					Critical Temperature 364 R. 490 R		
P <sub>c</sub> 2363.2		P <sub>c2</sub> 5584.7					
No.	P <sub>c</sub> <sup>2</sup>	P <sub>w</sub>	P <sub>w</sub> <sup>2</sup>	P <sub>c</sub> <sup>2</sup> -P <sub>w</sub> <sup>2</sup>	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.872$ (2) $\left[ \frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.872$		
1	4465.6	2117	4481.7	1103			
2	3933.1	1995.2	3980.8	1603.9			
3	3595.6	1920.9	3689.8	1894.9			
4	2443.6	1613	2601.9	2982.8	AOF = Q $\left[ \frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 5.111$		
5							
Absolute Open Flow 5111		Mcf/d @ 15.025		Angle of Slope (°): 45		Slope n: 1	
Remarks: * WELL MADE 1.5 BBLs OF 57.4 API GRAVITY CONDENSATE DURING TEST.							
Approved By Division:		Conducted By: PRO WELL TESTING		Calculated By: MB		Checked By: BM	