

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

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EOG RESOURCES				Lease or Unit Name		CANADIAN 6 FED COM	
Operator				Test Date		Well No.	
Type Test				8/8/01		1	
☒ Initial ☐ Annual ☐ Special				Elevation		Unit Ltr - Sec - TWP - Rge	
Completion Date		Total Depth		Plug Back TD		6-18-31	
5/4/01		11900		11570		County	
Csg Size	Wt.	d	Set At	Perforations:		EDDY	
5 1/2	17	4.892	11900	From: 11457 To: 11498		Pool	
Tbg Size	Wt.	d	Set At	Perforations:		NORTH	
2 7/8	6.5	2.441	11373	From: To:		Shusart Morrow	
Type Well-Single-Bradenhead-G.G. or G.O. Multiple				Packer Set At		Formation	
SINGLE				11356		MORROW	
Producing Thru		Reservoir Temp. °F		Baro. Press. -P _s		Connection	
TUBBING		187.7		13.2		SALES	
L	H	Gg	%CO ₂	%N ₂	%H ₂ S	Prover	Meter Run
11373	11373	0.667	1.507	0.949	N/A	N/A	4.026
TUBING DATA							Taps
CASING DATA							FLG
No.	Prover Line Size	Orifice Size	Press p.s.i.g.	Diff. h _w	Temp. °F	Press p.s.i.g.	Temp. °F
SI						2750	N/A
1	4 X 1.375		621	15.4	74	1126	PKR
2	4 X 1.375		631	24.7	76	960	N/A
3	4 X 1.375		639	32	76	862	PKR
4	4 X 1.375		625	41	78	780	N/A
5							
RATE OF FLOW CALCULATIONS							
No.	COEFFICIENT (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m	Flow Temp. Factor Ft	Gravity Factor F _g	Super Compress Factor F _{pv}	Rate of Flow Q. Mcfd
1							1227
2							1601
3	TOTAL	FLOW	METER				1810
4							1896
5							
No.	P _r	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio 106.9 Mcf bbl.		
1					A.P. I. Gravity of Liquid Hydrocarbons 56.0 @60 Deg.		
2	TOTAL	FLOW	METER		Specific Gravity Separator Gas 0.667 XXXXXXXX		
3					Specific Gravity Flowing Fluid XXXXX G.MIX= .694		
4					Critical Pressure P.S.I.A. 670 P.S.I.A.		
5					Critical Temperature R. 378 R		
P _c	2783.2	P _w	7635.3				
No.	P _i ²	P _w	P _w ²	P _c ² - P _w ²			
1	1297.8	1147.2	1316.2	6319.1			
2	947.1	989.6	979.2	6656			
3	766	898.7	807.7	6827.6			
4	629.2	821.9	675.6	6959.7			
5							
				$(1) \frac{P_c^2}{P_c^2 - P_w^2} = \frac{1.097}{1.097} \quad (2) \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \frac{1.097}{1.097}$			
				$AOF = Q \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \frac{2.08}{2.08}$			
Absolute Open Flow				Mcf @ 15.025		Slope n: 1	
2.08				45			
Remarks: * WELL PRODUCED 2.5 BBLS OF 56.0 API GRAVITY CONDENSATE DURING TEST.							
Approved By Division:		Conducted By:		Calculated By:		Checked By:	
		SIGNAL		BM		BM	