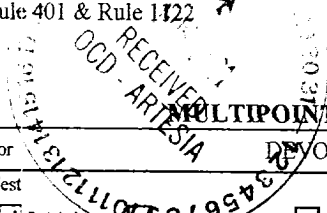


Submit in duplicate to
appropriate district office.
See Rule 401 & Rule 1122

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

Form C-122
Revised October, 1999

9157



MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Operator DEVON ENERGY				Lease or Unit Name CAMPANA "2M" ST.			
Type Test ☒ Initial ☐ Special				Test Date 10/22/01		Well No. 1	
Completion Date 9-10-2001		Total Depth 12000		Plug Back TD 11914		Elevation GL 3298'	
Csg. Size 5 1/2	Wt. 17	d 4.892	Set At 11914	Perforations: From: 11146 To: 11159		County EDDY	
Tbg. Size 2 3/8	Wt. 4.7	d 1.995	Set At 11101	Perforations: From: To:		Pool Carlsbad, South	
Type Well-Single-Bradenhead-G.G. or G.O. Multiple SINGLE				Packer Set At 11058		Formation MORROW	
Producing Thru Tubing		Reservoir Temp. °F 185		Mean Annual Temp. °F 60		Baro. Press.-P _a 13.2	
Connection SALES							
L 11101	H 11101	Gg 0.592	%CO ₂ 0.722	%N ₂ 4.934	%H ₂ S N/A	Prover N/A	Meter Run 4.025
						Taps FLG	
FLOW DATA				TUBING DATA		CASING DATA	
No.	Prover Line Size	Orifice Size	Press p.s.i.g.	Diff. h _w	Temp. °F	Press p.s.i.g.	Temp. °F
SI							
1	4.025 X 1.000		471	8.4	92	3761	
2	4.025 X 1.000		473	24.8	81	3521	
3	4.025 X 1.000		477	65.4	75	3056	
4	4.025 X 1.000		498	72	73	2758	
5							
RATE OF FLOW CALCULATIONS							
No.	COEFFICIENT (24 Hour)	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							397
2							689
3	TOTAL	FLOW	METER				1131
4							1189
5							
No.	P _r	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio N/A Mcf/bbl.		
1					A.P. I. Gravity of Liquid Hydrocarbons N/A Deg.		
2					Specific Gravity Separator Gas 0.592 XXXXXXXX		
3	TOTAL	FLOW	METER		Specific Gravity Flowing Fluid N/A XXXXXX		
4					Critical Pressure 667 P.S.I.A. P.S.I.A.		
5					Critical Temperature 339 R. R.		
P _c 3878.2 P _{c2} 15040.4							
No.	P _t ²	P _w	P _w ²	P _c ² -P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = \frac{2.056}{\quad} (2) \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \frac{1.443}{\quad}$		
1		3775	14250.3	790.2			
2		3536.6	2507.3	2533.1			
3		3076.3	9463.5	5576.9			
4		2779.7	7726.7	7313.7			
5					AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \frac{1.716}{\quad}$		
Absolute Open Flow 1.716				Mcf @ 15.025		Angle of Slope (°) 63.03	
						Slope n: 0.5087	
Remarks: * WELL MADE NO LIQUID DURING TEST.							
Approved By Division:		Conducted By: PRO WELL TESTING		Calculated By: MERV BUECKER		Checked By: BM	