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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

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Operator DEVON ENERGY										Lease or Unit Name EDDY FV ST. COM									
Type Test ☒ Initial ☐ Annual ☐ Special										Test Date 3/15/00									
Completion Date 3/2/00										Total Depth 11500									
Csg. Size 5 1/2										Wt. d									
Set At 11500										Perforations: From: 11203 To: 11209									
Thg. Size 2 3/8										Wt. 4.7									
Set At 11073										Perforations: From: To:									
Type Well - Single - Bradenhead - G.G. or G.O. Multiple single										Packer Set At 11073									
Producing Thru Tbg										Reservoir Temp. °F 184									
Mean Annual Temp. °F 60										Baro. Press - P _a 13.2									
L 11073										Gg .687									
%CO ₂ 7.396										%N ₂ 4.641									
%H ₂ S n/a										Prover n/a									
Meter Run 3.026										Taps FLG									
FLOW DATA										TUBING DATA									
Casing DATA										Duration Of Flow									
No.	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. h _w	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	Temp. °F	Duration Of Flow						
GI							2580	n/a			PKR								
1.	3.068 x 1.000			115	2	70	2540						60MINS.						
2.	3.068 X 1.000			115	4	70	2470						60MINS.						
3.	3.068 X 1.000			115	16	68	2290						60MINS.						
4.	3.068 X 1.000			120	75	67	2005						60MINS.						
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.	4.789	16.0	128.2	.9905	1.206	1.044	95												
2.	4.789	22.6	128.2	.9905	1.026	1.044	134												
3.	4.789	45.3	128.2	.9924	1.206	1.044	271												
4.	4.789	99.9	133.2	.9933	1.206	1.044	598												
5.																			
No.	P _r	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio N/A McFbbl.														
1.	.76	530	1.47	.918	A. P. I. Gravity of Liquid Hydrocarbons Deg.														
2.	.76	530	1.47	.918	Specific Gravity Separator Gas .687 XXXXXXXX														
3.	.76	528	1.47	.918	Specific Gravity Flowing Fluid N/A XXXXX														
4.	.76	527	1.47	.918	Critical Pressure .690 P.S.I.A. P.S.I.A.														
5.					Critical Temperature 359 R. R.														
P _c	2593.2	P _c ²	6724.7																
No.	P _i ²	P _w	P _w ²	P _c ² - P _w ²	(1) P _c ² = 2.548 (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 2.088$														
1.	6518.8	2553.3	6519.1	205.5	AOOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.248$														
2.	6166.3	2483.3	6166.9	557.8															
3.	5304.7	2303.8	5307.3	1417.4															
4.	4073.1	2021.3	4085.5	2639.2															
5.																			
Absolute Open Flow 1.248 Mcfd@ 15.025					Angle of Slope θ: 51.7														
Remarks: *NO LIQUID MADE DURING TEST.					Slope, n: 45.0														
Approved By Division					Conducted By: PRO WELL TESTING														
					Calculated By: MB.														
					Checked By: BM.														