

MULTIPOINT AND ONE POINT BACK/PRESSURE TEST FOR GAS WELL

Type Test ☒ Initial ☐ Annual ☒ Special						Test Date 11/11/83			
Company Amoco Production Company				Connection El Paso Natural Gas Company					
Pool Basin				Formation Dakota				Unit	
Completion Date 10/25/83		Total Depth 7115		Plug Back TD 7090		Elevation 6653GL		Farm or Lease Name Jack Frost "C"	
Csg. Size 4.500	Wt. 10.5	d 4052	Set At 7115	Perforations: From 6908 To 7079		Well No. 1E			
Thq. Size 2.375	Wt. 4.7	d 1.995	Set At 6916	Perforations: From Open To Ended		Unit H	Sec. 26	Twp. 27	Rge. 10
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single						Packer Set At None		County San Juan	
Producing Thru Tubing		Reservoir Temp. °F #		Mean Annual Temp. °F		Baro. Press. - P _a		State New Mexico	
L	H	Gg	% CO ₂	% N ₂	% H ₂ S	Prover	Meter Run	Taps	

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.	
SI	9 Days						1395		1395	
1.	2.375	.750					162		487	3 hrs.
2.										
3.										
4.										
5.										

RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m	Flow Temp. Factor F _t	Gravity Factor F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd
1	12.365		174	1.000	.9258	1.020	2032
2.							
3.							
4.							
5.							

NO.	P _t	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio	Mcf/bbl.
1.					A.P.I. Gravity of Liquid Hydrocarbon	Deg.
2.					Specific Gravity Separator Gas	XXXXXXX
3.					Specific Gravity Flowing Fluid	XXXXX
4.					Critical Pressure	P.S.I.A.
5.					Critical Temperature	R

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 OIL CON. S. DIV.
 DIST. 3

P _c 1407	P _c ² 1979649	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.1439$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.1061$
NO.	P _t ²	P _w	P _w ²
1		499	249001
2			
3			
4			
5			

$AOF = Q \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 2248$	
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Absolute Open Flow	2248	Mcf/d @ 15.025	Angle of Slope θ	Slope, n .75
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Remarks: Flared 3 hrs. Heavy oil, lite H2O
Drilled & completed by True

Approved By Division	Conducted By: J.J. Barnett	Calculated By: J.J. Barnett	Checked By:
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