

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Type Test ☒ Initial ☐ Annual ☐ Special		Test Date 2/14/89	
Company Robert L. Bayless		Connection Robert L. Bayless	
Pool East Blanco Pictured Cliffs		Formation Pictured Cliffs	
Completion Date 1/25/89		Total Depth 4215'	
Plug back TD 4116'		Elevation 7250' RKB	
Farm or Lease Name Jicarilla 464		Well No. 7	
Csg. Size 4 1/2"	Wt. 10.5#/ft	d 4.052	Set At 4176'
Perforations: From 3815'	To 3897'	Unit D	
Trq. Size 1 1/2"	Wt. 2.9#/ft	d 1.610	Set At 3868'
Perforations: From	To	Sec. 29	Twp. 30N
Type Well - Single - Bradenhead - G.G. or G.O. Multiple gas - single		Packer Set At none	
Producing Thru tubing		Baro. Press. - P _a 12.0 (est.)	
State New Mexico		County Rio Arriba	
L	H	G _g .65 (est)	% CO ₂
% N ₂		% H ₂ S	
Prover		Meter Run	
Taps		Duration of Flow	
FLOW DATA		TUBING DATA	
NO.	Prover Line Size	Press. p.s.i.g.	Temp. °F
SI	20 days	1095	60°
1.	2 inch x .750	144	441
2.			
3.			
4.			
5.			
RATE OF FLOW CALCULATIONS			
NO.	Coefficient (24 Hour)	Pressure P _m	Flow Temp. Factor F _t
1	12.365	156	1.000
2.			
3.			
4.			
5.			
NO.	R _t	Temp. °R	T _r
1	.23	1.39	.970
2.			
3.			
4.			
5.			
Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.			
A.P.I. Gravity of Liquid Hydrocarbons _____ Deg.			
Specific Gravity Separator Gas _____ X X X X X X X X			
Specific Gravity Flowing Fluid _____ X X X X X			
Critical Pressure _____ P.S.I.A. _____ P.S.I.A.			
Critical Temperature _____ R _____ R			
P _c 1112 P _c ² 1,236,544			
NO.	P _t ²	P _w	P _w ²
1	451	205,209	1,031,335
2.			
3.			
4.			
5.			
(1) $\frac{P_c^2}{P_t^2 - P_w^2} = 1.1990$			
(2) $\left[\frac{P_c^2}{P_t^2 - P_w^2} \right]^n = 1.1668$			
AOF = 0 $\left[\frac{P_c^2}{P_t^2 - P_w^2} \right]^n = 2833$			
Absolute Open Flow 2833 Mcfd @ 15.025			
Angle of Slope @ _____ Slope: n 85			
Remarks: light mist throughout test			
Approved By Division		Conducted By: David Ball	
Calculated By: Kevin H. McLeod		Checked By:	