

NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
 Revised 9-1-65

Type Test ☒ Initial ☐ Annual ☐ Special						Test Date 8-22-73			
Company Keesee & Thomas				Connection Waiting on Pipeline					
Pool Ballard P. C.				Formation Pictured Cliffs Ext.				Unit	
Completion Date 8-7-73		Total Depth 7218		Plug Back TD 7158		Elevation 7355 GR		Farm or Lease Name Chacon Jicarilla	
Csg. Size 4.500	Wt. 9.500	d 4.090	Set At 3202	Perforations: From 3071 To 3130			Well No. 5		
Tbg. Size 1.900	Wt. 2.900	d 1.610	Set At 3119	Perforations: From 3116 To 3119			Unit E	Sec. 23	Twp. 23N
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single						Packer Set At None		County Sandoval	
Producing Thru Tubing		Reservoir Temp. °F -- @ --		Mean Annual Temp. °F --		Baro. Press. - P _a 12.0		State New Mexico	
L 3116	H 3116	Gg 0.600	% 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.		Temp. °F
SI							765		765		7 da
1.	3/4" T.C.					60	70		260		3 hr
2.											
3.											
4.											
5.											

RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m	Flow Temp. Factor Ft.	Gravity Factor Fg	Super Compress. Factor Fpv	Rate of Flow Q, Mcfd
1	12.3650		82	1.0000	1.0000	1.0000	1.014
2.							
3.							
4.							
5.							

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

ED
AUG 24 1973
OIL CON. COM.
DIST. 3

P _c 777	P _c ² 603,729				(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.1396$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.1175$
NO.	P _t ²	P _w	P _w ²	P _c ² - P _w ²		
1		272	73,984	529,745		
2.						
3.						
4.						
5.						

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.133$

Absolute Open Flow 1.133	Mcfd @ 15.025	Angle of Slope θ	Slope, n 0.85
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Remarks: _____

Approved By Commission:	Conducted By: Ewell N. Walsh	Calculated By: Ewell N. Walsh	Checked By:
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