

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 8-4-73	
Company AMOCO PRODUCTION COMPANY				Connection None		
Pool Ballard				Formation Pictured Cliffs Ext.		Unit
Completion Date 7-27-73		Total Depth 2850		Plug Back TD 2800		Elevation 7261
Farm or Lease Name Jicarilla Tribal 358						Well No. 8
Csg. Size 4.500	Wt. 9.500	d 4.090	Set At 2835	Perforations: From 2669 To 2719		
Thg. Size 1.660	Wt. 2.4	d 1.380	Set At 2680	Perforations: From Open To Ended		Unit Sec. Twp. Rge. C 8 22 2
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single				Packer Set At		County Sandoval
Producing Thru Tubing		Reservoir Temp. °F @		Mean Annual Temp. °F		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.	XXXXX Line Size	X XXXXX 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	8 Days					675		675		
1.	2-Inch					76		135		3 Hr.
2.										
3.	Well Tested with Back Pressure and Separator									
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							
2							
3							
4							236
5							

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

P _c 687	P _c ² 471,969	
NO.	P _w	P _w ²
1	147	21609
2		
3		
4		
5		

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = \underline{1.04798}$

(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \underline{1.0497}$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \underline{247}$

RECEIVED
AUG 17 1973
OIL CON. COM.
DIST. 3

Absolute Open Flow 247	Mcf/d @ 15.025	Angle of Slope ϕ 50	Slope, n .85
Remarks:			

Approved By Commission:	Conducted By: T. M. Oliver	Calculated By: J. A. Pope	Checked By: J. Arnold Snell
-------------------------	--------------------------------------	-------------------------------------	---------------------------------------

