

OIL CONSERVATION DIVISION

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-122
Revised 10-1-78

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Type Test ☒ Initial ☐ Annual ☒ Special				Test Date 10-17-85	
Company Amoco Production Co.				Connection El Paso Natural Gas Company	
Pool Basin				Formation Dakota	
Completion Date 9-25-85		Total Depth 7325'		Plug Back TD 7185'	
				Elevation 6740' GL	
Farm or Lease Name Jicarilla Apache Tribal #35					
Coq. Size 5.500	Wt. 15.5	d 4.950	Set At 7325'	Perforations: From 6972' To 7266'	
Thq. Size 2.375	Wt. 4.7	d 1.895	Set At 7162'	Perforations: From open To ended	
Type Well - Single - Brdenhead - G.G. or G.O. Multiple Single				Packer Set At None	
Producing Thru Tubing				County Rio Arriba	
Reservoir Temp. °F #		Mean Annual Temp. °F		Baro. Press. - P _a	
State New Mexico					
L	H	G _g	% 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	7 days						541		1049	
1.	2.375	.750					19		339	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		31	1.000	.9258	1.004	356
2.							
3.							
4.							
5.							

NO.	P _f	Temp. °R	T _f	Z	Gas Liquid Hydrocarbon Ratio	Mc/ftbbl.
1					A.P.I. Gravity of Liquid Hydrocarbon	Deg.
2.					Specific Gravity Separator Gas	XXXXXXX
3.					Specific Gravity Flowing Fluid	XXXXXX
4.					Critical Pressure	P.S.I.A.
5.					Critical Temperature	R

NO.	P ₁	P _w	P _c ²	P _c ² - P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} =$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n =$
1	1061	351	1125721	1002520	1.1229	1.0908
2.						
3.						
4.						
5.						

Absolute Open Flow 388 Mcfd @ 15.025				Angle of Slope @		Slope, n .75	
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Remarks: Flared, Medium H ₂ O, Medium Condensate	
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Approved By Division	Conducted By:	Calculated By:	Checked By:
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