

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

Form C-122
Revised 9-1-65

RECEIVED

Type Test ☒ Initial ☐ Annual ☒ Special				Test Date 9/26/84	
Company Amoco Production Co.			Connection Not dedicated <i>ELP</i>		
Pool Blanco			Formation Mesa Verde		
Completion Date 8/29/84		Total Depth 5940	Plug Back TD 5804	Elevation 5543 GR	Form or Lease Name Abrams Cas Cam "L"
Csq. Size 5.500	Wt. 15.5	d 4.950	Set At 5940	Perforations: From 3428 To 4474	Well No. 1
Tbg. Size 2.375	Wt. 4.7	d 1.995	Set At 4464	Perforations: From open To ended	Unit Sec. Twp. Rge. M 26 29 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	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.	Temp. °F	
SI	8 days						716		1046		
1.	2.375		.750				320		602		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		332	1.000	.9258	1.035	3934
2.							
3.							
4.							
5.							

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

$P_c = 1058$ $P_c^2 = 1119364$				$(1) \frac{P_c^2}{P_c^2 - P_w^2} = 1.5078$ $(2) \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.3607$	
NO.	P _t ²	P _w	P _w ²	P _c ² - P _w ²	
1		614	376996	742368	
2					
3					
4					
5					

$AOF = Q \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 5353$

Absolute Open Flow 5353 Mcfd @ 15.025 Angle of Slope θ _____ Slope, n .75

Remarks: flared, med. H₂O, med. oil

Approved By Commission:	Conducted By: J. Barnett	Calculated By: J. Barnett	Checked By: <i>[Signature]</i>
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