

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

Form C-122
Revised 9-1-65

RECEIVED
APR 01 1986
OIL CON. DIV.
DIST. 3

Type Test ☒ Initial ☐ Annual ☒ Special					Test Date 3-6-86				
Company Amoco Production Co.				Connection El Paso				APR 01 1986 OIL CON. DIV. DIST. 3 Farm or Lease Name A.L. Elliott "H" Well No. 1 Unit Sec. Twp. Rge. E 13 29 9 County San Juan State New Mexico	
Pool Basin				Formation Dakota					
Completion Date 2-7-86		Total Depth 7683		Plug Back TD 7644		Elevation 6427 GL			
Csq. Size 4.500	Wt. 11.6	d 4.000	Set At 7683	Perforations: From 7376 To 7614					
Tbg. Size 2.375	Wt. 4.7	d 1.995	Set At 7604	Perforations: From open To ended					
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single					Packer Set At None				
Producing Thru tubing		Reservoir Temp. °F #		Mean Annual Temp. °F		Baro. Press. - P _a			
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	9 Days						2175		2180	
1.	2.375		.750				32		374	
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		44	1.000	.9258	1.005	506
2.							
3.							
4.							
5.							

NO.	P _t	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 2192	P _c ² 4804864	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.03200$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.0239$
NO.	P _t ²	P _w	P _w ²
1		386	148996
2			
3			
4			
5			

Absolute Open Flow 518 Mcfd @ 15.025		Angle of Slope θ _____	Slope, n .75
Remarks: Flared, Med. H ₂ O, Lite condensate			
Approved By Commission:	Conducted By: J.J. Barnett	Calculated By: J.J. Barnett	Checked By: