

N MEXICO OIL CONSERVATION COM SION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

RECEIVED Form C-122
Revised 9-1-65

C/SF
C-122

MAR 16 1982

Type Test ☒ Initial ☐ Annual ☐ Special				Test Date 2/26/82		O. C. D. ARTESIA, OFFICE	
Company McClellan Oil Corp				Connection Air			
Pool <i>Pecos Slope also</i> Wildcat				Formation Abo		Unit	
Completion Date 2-26-82 3-7-82		Total Depth 4000'		Plug Back ID 3901' 3933'		Elevation 3641 G.L.	
Casing Size 4 1/2		wt. 10.5		Set At 3933'		Perforations: From 3557 To 3589	
Tub. Size 2-3/8		wt. 4.7		Set At 3537		Perforations: From To	
Type Well - Single - Prodenneed - G.G. or G.O. Multiple Single				Packer Set At None		County Chaves	
Producing Thru Tubing		Reservoir Temp. °F 100p 3500		Mean Annual Temp. °F 60		Baro. Press. - P _a 13.6	
State New Mexico							
L	H	Gg .62	% CO ₂	% N ₂	% H ₂ S	Prover 2"	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	
1.	2	X	1.25		7		875	55			1 hr
2.	2	X	1.25		23		800	58			
3.	2	X	1.25		14		780	62			
4.	2	X	1.25		38		670	64			
5.							600	63			

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, Mcf/d
1	36.20			1.017	1.27	1.078	616
2	36.20			.984	1.27	1.075	868
3	36.20			.968	1.27	1.071	1133
4	36.20			.975	1.27	1.065	1546
5							

NO.	P _i	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio	Mcf/d
1	1.39	560	1.54	.88	A.P.I. Gravity of Liquid Hydrocarbons	
2	1.35	560	1.54	.88	Specific Gravity Separator Gas	XXXXXXX
3	1.15	560	1.54	.90	Specific Gravity Flowing Fluid	XXXXX
4	1.09	560	1.54	.91	Critical Pressure 672	
5					Critical Temperature 363	

NO.	P _i ²	P _w ²	P _e ²	P _e ² - P _w ²	(1) $\frac{P_e^2}{P_e^2 - P_w^2} =$	(2) $\left[\frac{P_e^2}{P_e^2 - P_w^2} \right]^n =$
1		937	878	150	2.085	1.78
2		911	830	208		
3		783	613	415		
4		732	535	493		
5						

Absolute Open Flow 2700 MCF @ 15.025 Angle of Slope 38 Slope, α .78

Remarks: Pressures recorded with Amerada Type gauge

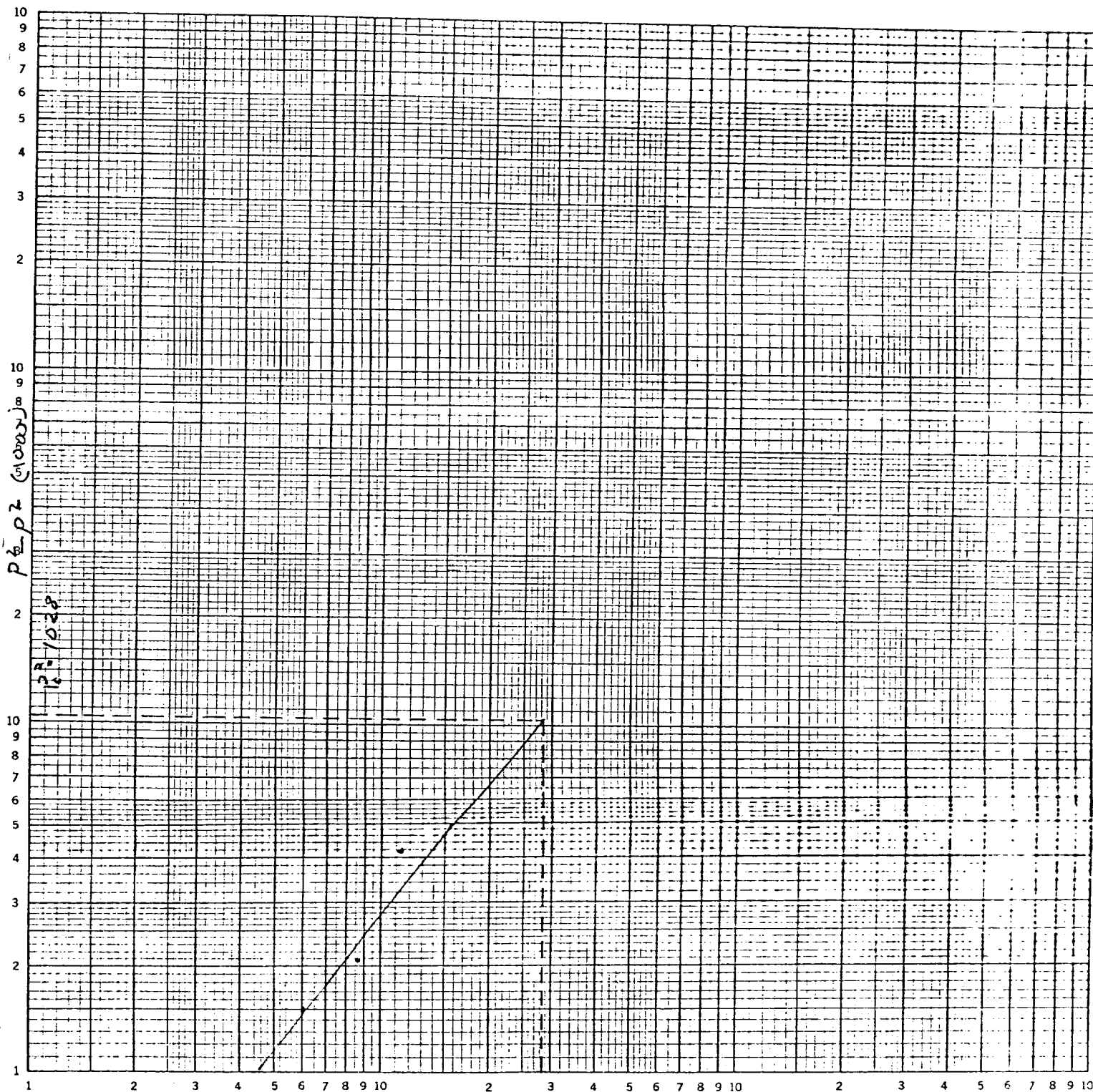
Approved By Conservation:	Conducted By: Keltic Services	Calculated By: M. Kelly	Checked By:
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McClellan Oil Corp

Draw
Coyote Fed. #3

46 7400

K-E LOGARITHMIC 3 X 3 CYCLES
KEUFFEL & ESSER CO. MADE IN U.S.A.



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MSCPD