

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

Form C-122
Revised 9-1-65

RECEIVED
SEP 27 1985
OIL CON. DIV.
DIST. 3

Type Test ☒ Initial ☐ Annual ☐ Special		Test Date 9-25-85	
Company El Paso Exploration Co.		Connection	
Pool Blanco		Formation Mesa Verde	
Completion Date 9-25-85		Total Depth 6367	Plug Back TD 6354
		Elevation 6777 GR	Form or Lease Name Newco
Csq. Size 7.000	wt. 20	d 6.456	Set At 3927
		Perforations: From *4372 To 6344	
Tq. Size 2.375	wt. 4.7	d 1.995	Set At 6284
		Perforations: From To	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single		Packer Set At None	Well No. #1
Producing Thru Tbg.		Reservoir Temp. °F a	Mean Annual Temp. °F
		Baro. Press. - P _g 12	State New Mexico
L	H	G _g .680	% 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	
1.			.750	155		64	705		710		7 Days
2.							155		640		3 Hrs.
3.											
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	12.365		167	.9962	.9393	1.019	1969
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 _r 722	P _w 521284	
NO.	P _w	P _r
1	652	425104
2		
3		
4		
5		

$$(1) \frac{P_r^2}{P_r^2 - P_w^2} = \frac{521284}{96180}$$

$$ACF = Q \left[\frac{P_r^2}{P_r^2 - P_w^2} \right]^n = 6994$$

$$(2) \left[\frac{P_r^2}{P_r^2 - P_w^2} \right]^n = 3.5522$$

Absolute Open Flow 6994	Mcf @ 15.025	Angle of Slope @ _____	Slope, n .75
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Remarks: *4.500" Liner - 3760' - 6366'
Gas vented during test = 244 MCF.

Approved by Commission:	Conducted By: Gabe Arhibeque	Calculated By: Ed Mabe	Checked By: kld
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