

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

Form C-122
Revised 9-1-65

RECEIVED
JUL 19 1985
OIL CON. DIV.
DIST. 3

Type Test ☒ Initial ☐ Annual ☐ Special		Test Date 7-15-85	
Company El Paso Exploration		Connection	
Pool Tapacito		Formation Pictured Cliffs	
Completion Date 7-15-85		Total Depth 6409	Plug Back TD 6337
Elevation 7332 GR		Farm or Lease Name Jicarilla 117E	
Csg. Size 7.000	Wt. 20	d 6.456	Set At 4208
Perforations: From *3962 To 3993		Well No. #9A	
Trg. Size 1.610	Wt. 2.4	d 1.380	Set At 3962
Perforations: From To		Unit Sec. Twp. Rge. C 33 26 3	
Type Well - Single - Brazenhead - G.G. or G.O. Multiple G.G. Dual		Packer Set At 3998	County Rio Arriba
Producing Thru Tbg.	Reservoir Temp. °F @	Mean Annual Temp. °F	Baro. Press. - P _a 12
State New Mexico			
L	H	Gg .670	% 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							608		608	
1.			.750	1		78	1		314	9 Days
2.										3 Hrs.
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		13	.9831	.9463	1.003	12
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 620	P _w 384400					
NO.	P _r	P _w	P _r ²	P _w ²	(1) $\frac{P_r^2}{P_r^2 - P_w^2} = \frac{384400}{278124}$	(2) $\left[\frac{P_r^2}{P_r^2 - P_w^2} \right]^n = 1.3166$
1		326	106276	278124		
2						
3						
4						
5						

Absolute Open Flow 16 Mcfd @ 15.025		Angle of Slope θ _____	
Slope, n .85			

Remarks: 4.500" Liner - 4002- - 6354'
Gas vented during test = 31 MCF.

Approved By Commission:	Conducted By: Gary Osborne	Calculated By: Ed Mabe	Checked By: kld
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