

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

Form C-122
Revised 9-1-65

RECEIVED
JUL 25 1985
OIL CON. DIV.
DIST. 3

Corrected Copy

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 117 E			Well No. #9A
Csg. Size 7.000	Wt. 20	d 6.456	Set At 4208
Perforations: From *3962 To 3993			Unit C
Req. Size 1.610	Wt. 2.4	d 1.380	Set At 3962
Perforations: From To			Sec. 33
Type Well - Single - Bradenhead - G.G. or G.O. Multiple G.G Dual			Twp. 26
Packer Set At 3998		County Rio Arriba	
Producing Thru Tbg.	Reservoir Temp. *F a	Mean Annual Temp. *F	Baro. Press. - P _a 12
State New Mexico			Unit C
L	H	G _g	Taps
.670			
FLOW DATA			
NO.	Prover Line Size	X	Orifice Size
SI			
1.	.750		1
2.			
3.			
4.			
5.			
TUBING DATA			
NO.	Press. p.s.i.g.	Temp. *F	Duration of Flow
SI	608		9 Days
1.	1	78	3 Hrs.
2.			
3.			
4.			
5.			
CASING DATA			
NO.	Press. p.s.i.g.	Temp. *F	Duration of Flow
SI	608		9 Days
1.	314		3 Hrs.
2.			
3.			
4.			
5.			
RATE OF FLOW CALCULATIONS			
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m
1	12.365		13
2.			
3.			
4.			
5.			
NO.	Flow Temp. Factor Ft.	Gravity Factor F _g	Super Compress. Factor, F _{pv}
1	.9831	.9463	1.003
2.			
3.			
4.			
5.			
NO.	P _r	Temp. *R	T _r
1			
2.			
3.			
4.			
5.			
Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.			
A.P.I. Gravity of Liquid Hydrocarbons _____ Deg.			
Specific Gravity Separator Gas _____ X X X X X X X X			
Specific Gravity Flowing Fluid _____ X X X X X			
Critical Pressure _____ P.S.I.A. _____ P.S.I.A.			
Critical Temperature _____ R _____ R			
P _r 620 P _r ² 384400			
NO.	P _r	P _w	P _w ²
1		326	106276
2.			
3.			
4.			
5.			
(1) $\frac{P_c^2}{P_c^2 - P_w^2} = \frac{384400}{278124}$			
(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.3166$			
ACF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 197$			
Absolute Open Flow 197 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	