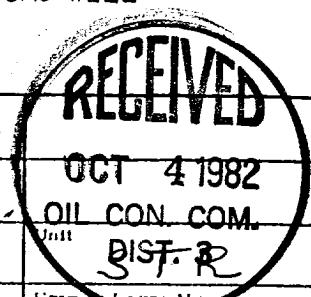


NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
Revised 9-1-65



Type Test ☒ Initial ☐ Annual ☐ Special		Test Date 9-11-82	
Company Integrated Energy Inc.		Connection Dome Petroleum Inc.	
Pool Rusty		Formation Chacara	
Completion Date 9-3-82	Total Depth 1756	Plug Back TD 1724	Elevation 6952 GL
Csg. Size 4.500	Wt. 10.5	d 4.052	Set At 1756
Tbg. Size 1.900	Wt. 2.75	d 1.610	Set At 1533
Perforations: From 15.52 To 16.00		Well No. 31-22-6 #1	
Perforations: From To		Unit Sec. Twp. Rge. J 31 22 6	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single		Packer Set At	
Producing Thru Tbg		Reservoir Temp. °F 8	
Mean Annual Temp. °F 12		Baro. Press. - P _a 12	
L H Gg		Prover	
.60		Meter Hun Paps	
FLOW DATA			
NO.	Prover Line Size	X	Orifice Size
1.	2"		750 choke
2.			
3.			
4.			
5.			
TUBING DATA			
NO.	Prover Line Size	X	Orifice Size
1.	2"		750 choke
2.			
3.			
4.			
5.			
RATE OF FLOW CALCULATIONS			
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m
1.	12.365		20.5
2.			
3.			
4.			
5.			
NO.	P _f	Temp. °R	T _f
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			
NO.	P _c	P _w	P _w ²
1.	154449	41	1681
2.			
3.			
4.			
5.			
(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.0110$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.0082$			
AOI = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 256$			
Absolute Open Flow 256 Mcf @ 15.025 Angle of Slope 75 Slope, n .75			
Remarks: Dry Gas			
Approved By Commission			
Conducted By: B. Headrick			
Calculated By: B. Headrick			
Checked By: Dave Smith			