

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 5-15-75	
Company Skelly Oil Company		Connection not connected	
Pool Basin		Formation Dakota	
Completion Date 4-28-75		Total Depth 7238	Plug Back TD 7199
		Elevation 6702 K.B.	Farm or Lease Name Jicarilla "C"
Csg. Size 4.500	Wt. 11.6	d 3.875	Set At 7237
Thq. Size 2.375	Wt. 4.7	d 1.995	Set At 7045
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single Gas		Packer Set At 6975	
Producing Thru Tubing	Reservoir Temp. °F 164	Mean Annual Temp. °F 12.2	Baro. Press. - P _a 12.2
L 7045	H 7045	G _g .720	% CO ₂ % N ₂ % H ₂ S
Prover 2.000		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	
SI							1890		P.K.R.		168hrs
1.	2.000 X .750			210		60		60			1
2.	2.000 X .750			130		60		60			2
3.	2.000 X .750			102		60		60			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 F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd
1	11.00		222.2	1.000	.9129	1.029	2296
2	11.00		142.2	1.000	.9129	1.018	1454
3	11.00		114.2	1.000	.9129	1.015	1164
4.							
5.							

NO.	P _t	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 _c 1902	P _c 23617604	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.0139$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.0103$
NO.	P _t ²	P _w	P _w ²
1			
2			
3	13041	223	49930
4			
5			

Absolute Open Flow <u>1175</u> Mcfd @ 15.025		Angle of Slope θ _____
Remarks: _____		
Approved By Commission:	Conducted By: Carl Davis	Calculated By: R.P. Hergenreter
Checked By:		

