

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 10-26-78	
Company Great Western Drilling Co.				Connection El Paso Natural Gas Co.		
Pool Blanco P. C. Field				Formation Pictured Cliffs		Unit
Completion Date 11-1-78		Total Depth 2890'		Plug Back TD 2860		Elevation 6271' G.L.
Farm or Lease Name J. E. Decker		Well No. 6				
Csg. Size 2 7/8	Wt. 6.5	d 2.347	Set At 2890	Perforations: From 2768 To 2824		Unit K
Tbg. Size	Wt.	d	Set At	Perforations: From To		Sec. 12
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single Gas				Packer Set At		Twp. 32N
Producing Thru Casing				Baro. Press. - P _a 12.0		Rge. 12W
Reservoir Temp. °F @ 60°				Mean Annual Temp. °F		State New Mexico
L	H	Gg .650	% 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	
SI									1146		5 days
1.	24		.125			47			1011		2 days
2.	24		.1875			54			917		2 days
3.	24		.21875			45			818		2 days
4.	24		.250			45			750		2 days
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	.2648			1.013	1.240	1.135	386
2.	.6082			1.006	1.240	1.110	782
3.	.8393			1.015	1.240	1.112	975
4.	1.087			1.015	1.240	1.098	1145
5.							

NO.	P _t	Temp. °R	T _t	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

NO.	P _t ²	P _w ²	P _w ²	P _c ² - P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} =$ _____	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n =$ _____
1						
2						
3						
4						
5						

Absolute Open Flow 1828 Mcfd @ 15.025		Angle of Slope 57° 40'	Slope, n .6229
Remarks: _____			
Approved By Commission:		Conducted By:	Calculated By: Original signed by: D. E. RAYNES
		Checked By:	