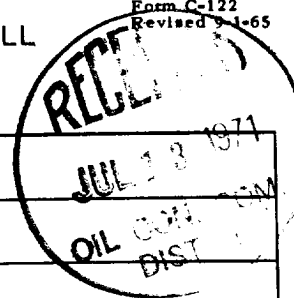


NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
 Revised 9-1-65



Type Test ☒ Initial ☐ Annual ☐ Special				Test Date 7-8-71	
Company Crown Petroleum			Connection		
Pool Basin - Dakota			Formation Dakota		Unit
Completion Date 6-26-71		Total Depth 6270	Plug Back TD 6230	Elevation 6325 RLB	Farm or Lease Name Nassau
Csq. Size 4 1/2"	Wt. 10.5"	d 4.052	Set At 6270	Perforations: From 6153 To 6212	
Thq. Size 2 3/4"	Wt. 4.7"	d 1.995	Set At 6248	Perforations: From Open End To	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single Br				Packer Set At	Well No. 3
Producing Thru T69		Reservoir Temp. °F @	Mean Annual Temp. °F	Baro. Press. - P _a	County San Juan
L	H	G _g	% CO ₂	% N ₂	State New Mexico
					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							1104		1292	
1.										
2.	2 1/2" choke			187		84°			549	
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							
2	12.365		187	.9777	.9608	1.018	2353
3.							
4.							
5.							

NO.	P _t	Temp. °R	T _f	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.
1					A.P.I. Gravity of Liquid Hydrocarbons _____ Deg.
2.					Specific Gravity Separator Gas _____ XXXXXXXXXX
3.					Specific Gravity Flowing Fluid _____ XXXXX
4.					Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
5.					Critical Temperature _____ R _____ R

NO.	P _t ²	P _w	P _w ²	P _c ² - P _w ²
1				
2		561	314,721	1,385,675
3				
4				
5				

P_c 1304 P_c² 1,700,416

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = \frac{1.2271}{}$

(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \frac{1.1658}{}$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \frac{2743}{}$

Absolute Open Flow 2743 Mcfd @ 15.025

Angle of Slope @ _____

Slope, n .75

Remarks: _____

Approved By Commission:	Conducted By: Jacobs	Calculated By: Jacobs	Checked By:
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