

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 8/16/67	
Company Aztec Oil and Gas			Connection Southern Union Gathering		
Pool Blanco			Formation Mesaverde		Unit
Completion Date 8/4/67		Total Depth 7469	Plug Back TD 7408	Elevation 6136 Gr	Farm or Lease Name Hubbard
Csg. Size 3 1/2"	Wt. 7.7#	d 7469'	Set At 7200	Perforations: From 4088 To 5083	Well No. 2
Thg. Size 1 1/2"	Wt. 2.75#	d 7200	Set At 7200	Perforations: From open ended To	Unit Sec. Twp. Rge. M 11 32N 12W
Type Well - Single - Bradenhead - G.G. or G.O. Multiple G.G. Multiple					County San Juan
Producing Thru Casing		Reservoir Temp. °F @	Mean Annual Temp. °F @	Baro. Press. - P _a 7200'	State New Mexico
L	H	Gg	% CO ₂	% N ₂	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	2"		3/4"				1181		729		
1.							1197	60(est)	179	60(est)	3 hr
2.											
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 Fg	Super Compress. Factor, Fpv	Rate of Flow Q, Mcfd
1	12.365		191	1.000	.9258	1.020	2,231
2.							
3.							
4.							
5.							

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

P _c 741	P _c ² 549,081	
NO	P _f ²	P _w
1	36,481	125768
2		
3		
4		
5		

$$(1) \frac{P_c^2}{P_c^2 - P_w^2} = 1.2971$$

$$AOF = Q \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 2,712$$

$$(2) \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.2154$$

Absolute Open Flow	2,712	Mcf/d @ 15.025	Angle of Slope °	Slope, n .75
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Remarks:

Approved By Commission:	Conducted By:	Calculated By: <i>Joe O. Admon</i>	Checked By:
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