

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 4-17-78	
Company Robert C. Axterson				Connection New Well			
Pool Straight Canyon				Formation Dk			
Completion Date		Total Depth		Plug Back TD		Elevation	
Csg. Size		Wt.		d		Set At	
Tbg. Size		Wt.		d		Set At	
Perforations:		From		To		Farm or Lease Name Ute Mountain Ute	
Perforations:		From		To		Well No. #4	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple						Packer Set At	
Producing Thru		Reservoir Temp. °F @		Mean Annual Temp. °F		Baro. Press. - P _a	
L		H		G _g		Prover	
				.60		2	
				% CO ₂		% N ₂	
				% H ₂ S		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							781		781	
1.	2"	X	1/8"	759		52°	762		764	
2.	2"	X	3/16"	735		60°	737		738	
3.	2"	X	5/16"	469		65°	480		659	
4.	2"	X	3/8"	384		65°	400		626	
5.	2"	X	3/8"	327		72°	344		578	

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	0.2648		791	1.008	1.291	1.083	2.88
2	0.6082		747	1.000	1.291	1.073	6.29
3	1.672		481	.995	1.291	1.043	10.78
4	2.378		396	.995	1.291	1.034	12.51
5	2.378		339	.989	1.291	1.028	10.58

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

P _c 793	P _c ² 628849	(1) $\frac{P_c^2}{P_c^2 - P_w^2} =$ _____	(2) $\frac{P_c^2}{P_c^2 - P_w^2} =$ _____
NO.	P _t ²	P _w	P _w ²
1		776	602176
2		750	562500
3		671	450241
4		638	407044
5		590	348100

Absolute Open Flow _____ Mcfd @ 15.025		Angle of Slope θ _____	Slope, n _____
Remarks: _____			
Approved By Commission:	Conducted By: Fred S. Hampick	Calculated By: Fred S. Hampick	Checked By:

