

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

Form C-122
Revised 9-1-65

RECEIVED

Type Test: ☒ Initial ☐ Annual ☐ Special					Test Date: 6/12/84		AUG 9 1984	
Company: Amoco Production Company					Connection:		OIL CONSERVATION DIVISION	
Pool: Bravo Dome					Formation: Tubb		Unit: BDCDGU	
Completion Date: 4/15/82		Total Depth: 2670		Plug Back TD: 2500		Elevation: 4715		Farm or Lease Name:
Csq. Size: 5-1/2	Wt.: 14#	d:	Set At: 2670'	Perforations: From 2243 To 2348		Well No.: 2035 301G		
Tbg. Size: 2-7/8	Wt.: 6.5#	d:	Set At: 2228'	Perforations: From To		Unit: G	Sec.: 30	Twp.: 20 Rge.: 35
Type Well - Single - Bradenhead - G.G. or G.O. Multiple: Single					Packer Set At: 2197'		County: Union	
Producing Thru: Tubing		Reservoir Temp. °F: 90 @ 2296		Mean Annual Temp. °F: 50		Baro. Press. - P _a : 12.25		State: New Mexico
L: 2296	H: 2296	Gg: 1.529	% CO ₂ : 100	% N ₂ : 0	% H ₂ S: 0	Prover:	Meter Run: 4.0	Taps: Flange

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							331.6	50			1000 HR
1.	4.026 x 2.25			280	1	66	281	50			1.5
2.	4.026 x 2.25			251	5	66	252	50			1.5
3.	4.026 x 2.25			213	12	66	214	50			1.5
4.	4.026 x 2.25			163	25	66	164	50			1.5
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							97
2							816
3							1116
4							1439
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 1.529 X X X X X X X X
3					Specific Gravity Flowing Fluid X X X X X
4					Critical Pressure 1072 P.S.I.A. _____ P.S.I.A.
5					Critical Temperature 496 R _____ R

P _c 343.9	P _c ²			(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.356$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.348$
NO.	P _t ²	P _w	P _w ²	P _c ² - P _w ²	
1		293.3		32.2	
2		264.3		48.4	
3		226.3		67.0	
4		176.3		37.2	
5					

Absolute Open Flow 1940 Mcfd @ 15.025		Angle of Slope @ _____		Slope, n .980
Remarks: _____				

Approved By: 	Conducted By:	Calculated By: Don White	Checked By:
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