

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: 3/13/89 3/18/89									
Company: Amoco Production Company		Connection:									
Pool: Bravo Dome		Formation: Tubb									
Completion Date: 1/9/89		Total Depth: 2696'	Plug Back TD: 2696'								
		Elevation: 4906' GL									
Csq. Size: 5.5	Wt.: 5.5	d: 4.7	Set At: 2564'								
Perforations: Open Hole		Well No.: 1934-322J									
From 2564' To 2696'		Unit: J Sec. 32 Twp. 19N Rge. 34E									
Type Well - Single - Ironhead - G.C. or G.O. Multiple		Packer Set At:									
Single		County: Union									
Producing Thru: Open hole	Reservoir Temp. °F: 90	Mean Annual Temp. °F: 50	Baro. Press. - P _g : 12.25								
State: New Mexico		Motor Run: 4.0									
Prover: L		Taps: Flange									
FLOW DATA											
NO.	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. h _w	Temp. °F	TUBING DATA		CASING DATA		Correction of Flow
							Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	Temp. °F	
SI				294				294			
1.	4.026 x 2.5			254.4	4.4	61		258	61	0	24 hours
2.	4.026 x 2.5			241.0	6.0	61		244	61	0	24 hours
3.	4.026 x 2.5			218.0	11.5	62		221	62	0	24 hours
4.	4.026 x 2.5			203.2	15.4	63		206	63	0	24 hours
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							962				
2							1091				
3							1430				
4							1572				
5											
NO.	P _t	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio: 0						
1.					A.P.I. Gravity of Liquid Hydrocarbons: _____ Mcf/bbl.						
2.					Specific Gravity Separator Gas: 1.529						
3.					Specific Gravity Flowing Fluid: XXXXX						
4.					Critical Pressure: 1072 P.S.I.A.						
5.					Critical Temperature: 496 R						
P _c 306.25 P _c ² 93,789											
NO.	P _t ²	P _w	P _w ²	P _c ² - P _w ²							
1		266.65	71,102	22,687							
2		253.25	64,136	29,653							
3		230.25	53,015	40,774							
4		215.45	46,419	47,370							
5											
Absolute Open Flow: 2650 Mcfd @ 15.025					Angle of Slope θ: 55.9		Slope, n: 0.68				
Remarks:											
Approved By Commission:		Conducted By: Mock Well Testing		Calculated By: Richard Roeth		Checked By:					