

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

Form C-122
Revised 4-1-65

RECEIVED

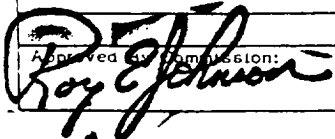
Type Test: ☒ Initial ☐ Annual ☐ Special					Test Date: 5/24/84		AUG 9 1984	
Company: Amoco Production Company				Connection:				OIL CONSERVATION DIVISION
Pool: Bravo Dome				Formation: Tubb				
Completion Date: 2/4/80		Total Depth: 2520		Plug Back TD: 2325		Elevation: 4684		Farm or Lease Name:
Csg. Size: 4-1/2	Wt.: 9.5	d:	Set At: 2520	Perforations: From 2093 To 2462			Well No.: 1935 181G	
Tub. Size: 2-3/8	Wt.: 4.7	d: 1.995	Set At: 2089	Perforations: From To			Unit Sec. Twp. Hye. G 18 19N 35E	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single					Packer Set At: 2051		County: Union	
Producing Thru: Tubing		Reservoir Temp. °F: 90 @ 2278		Mean Annual Temp. °F: 50		Baro. Press. - P _g : 12.25		State: New Mexico
L: 2278	H: 2278	G _g : 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							332.0	50			1000 HR
1.	4.026 x 2.25			262	8	51	273	50			1.5
2.	4.026 x 2.25			231	17	51	240	50			1.5
3.	4.026 x 2.25			203	26	50	213	50			1.5
4.	4.026 x 2.25			169	40	48	178	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							1043
2							1428
3							1668
4							1881
5							

NO.	P _r	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio: 0 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 _r 344.3 P _r ²					$(1) \frac{P_c^2}{P_c^2 - P_w^2} = 1.440$		$(2) \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.297$	
NO.	P _r	P _w	P _w ²	P _c ² - P _w ²	$AOF = Q \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 2439$			
1		285.3		37.1				
2		252.3		54.9				
3		225.3		67.8				
4		190.3		82.3				
5								

Absolute Open Flow: 2439 Mcfd @ 15.025		Angle of Slope θ: _____		Slope, n: .713	
Remarks: _____					
Approved by Commission: 		Conducted By: _____		Calculated By: Don White	
				Checked By: _____	