

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

Form C-122
Revised 9-1-65

RECEIVED

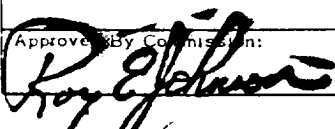
Type Test: ☒ Initial ☐ Annual ☐ Special						Test Date: 5/29/84		AUG 9 1984			
Company: Amoco Production Company					Connection:					OIL CONSERVATION DIVISION	
Pool: Bravo Dome					Formation: Tubb					Unit: BDCDGU	
Completion Date: 5/25/81			Total Depth: 2535'		Plug Back TD: 2408		Elevation: 4625		Farm or Lease Name:		
Csg. Size: 5-1/2	Wt. 14#	d	Set At: 2507'	Perforations: From 2095' To 2234'				Well No. 1935 081J			
Tub. Size: 2-7/8	Wt. 6.5#	d 2.438	Set At: 2091	Perforations: From To				Unit: J	Sec. 8	Twp. 19N	Rge. 35E
Type Well - Single - Bradenhead - G.G. or G.O. Multiple: Single						Packer Set At:		County: Union			
Producing Thru: Tubing		Reservoir Temp. °F: 90 @ 2165		Mean Annual Temp. °F: 50		Baro. Press. - P _a : 12.25		State: New Mexico			
L: 2165	H: 2165	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							332.8	50			1000 HR
1.	4.026 x	2.5		259	18	58	266	50			1.5
2.	4.026 x	2.5		235	31	58	241	50			1.5
3.	4.026 x	2.5		199	53	55	205	50			1.5
4.	4.026 x	2.5		165	80	51	171	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 F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd
1							1984
2							2461
3							2966
4							3313
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

NO.	P _r ²	P _w ²	P _w ²	P _c ² - P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.393$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.261$
1		278.3		41.6		
2		253.3		54.9		
3		217.3		71.9		
4		183.3		85.5		
5						

Absolute Open Flow: 4178 Mcfd @ 15.025				Angle of Slope θ: _____		Slope, n: .699	
Remarks: _____							
Approved By Commission:  Conducted By: _____ Calculated By: Don White Checked By: _____							