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

Form C-122
Revised 9-1-63

Type Test	Test Date	API Number
[X] Initial [ ] Annual [ ] Special	8/14/98	30-059-20369

Company	Connection	RTU Number
Amoco Exploration & Production	Bravo Dome CO2 Plant	4004

Pool	Formation	Unit
N/A	Tubb	BDCDGU

Completion Date	Total Depth	Plug Back Depth	Elevation	Farm or Lease Name
6/10/98	2430	2415	4830 KB	Bravo Dome

Csg. Size	Wt.	Csg. Inside Dia	Set At	Perforations		Well Number
5.50	14.0	5.012	2426	From 2231	To 2368	1934-342-E

Tbg. Size	Wt.	Tbg. Inside Dia	Set At.	Perforations		Unit Sec. Twp. Rge.
3.50	FG	2.95	2224	From n/a	To n/a	SEC. 34. T-19, R-34

Type well -Single-Bradenhead-G.G. or G.O. Multiple	Packer Set At	County
Single	2220	Union

Producing Through	Reservoir Temp, F	Mean Annual Temp, F	Baro. Press. - PSIA	State
Tubing	95	60	12.2	New Mexico

Flow Channel, L	Depth, H	Gg	%CO2	%N2	%H2S	Prover	Meter Run	Taps
2415	2415	1.5192	100	0	0	ORIFICE	4 inch	FLANGE

	FLOW DATA				TUBING DATA		CASING DATA		
NO.	Prover Size	X	Stat. Press psig	Diff.Press. Hw	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	Temp. °F	Duration of Flow
SI						182				24 hour
1.						180				60 MIN
2.						170				60 MIN
3.						152				60 MIN
4.						119				60 MIN
5.						0				

RATE OF FLOW CALCULATIONS

NO.	Coefficient (24 Hours)	/ hw * Pm	Pressure Pm	Flow Temp. Factor, Ft	Gravity Factor, Fg	Super Compressibility Factor, Fpv	Rate of Flow Q, Mcfd Values	Log(10)
SI							0	
1.							460	2.6628
2.							1050	3.0212
3.							1656	3.2191
4.							2450	3.3892
5.							4997	AOF

NO.	Pr	Temp, °R	Tr	Z
1.				
2.				
3.				
4.				
5.				

Gas Liquid Hydrocarbon Ratio	N/A Mcf/bbl
A. P. I. Gravity of Liquid Hydrocarbon	N/A Deg.
Specific Gravity Separator Gas	N/A
Specific Gravity Flowing Fluid	1.5192
Critical Pressure	1072 P.S.I.A.
Critical Temperature	548 R

Pc = 225.3346 Pc^2 50,776

NO.	P t^2	Pw	P w^2	Pc^2 - P w^2	Pc^2 - P w^2 Log(10)
SI		225.3	50,776	0	
1.		224.2	50,283	492	2.6923
2.		218.5	47,755	3,021	3.4801
3.		209.3	43,823	6,953	3.8422
4.		195.6	38,274	12,502	4.0970
5.					

(1) Pc^2 / (P c^2 - P w^2) 4th test point 4.061

(2) | P c^2 / | Pc^2-Pw^2 | ^n 4th test point 2.039

Q | P^2 / | Pc^2-Pw^2 | ^n (4th test point) = 4,997 AOF

Absolute Open Flow	4,997	Mcfd @ 15.025	Angle of Slope	63.05	Slope, n =	0.508 (Cotangent)

Remarks:

Approved By Commission:	Conducted By:	Calculated By:	Checked By:
	Automation	Spreadsheet	Michael Preston