

Production Testing Services, Inc.
Hobbs, New Mexico
505-391-8703

Company: Matador Operating Co.					Company Representative: Doug Little					
Lease Name & No.: Brantly Federal					Test Date & Time: Jan. 17, 2001					
County: Eddy		State: N.M.		Elevation: 3226		Formation: Springs Morrow				
Unit: # 1		Section: Sec 34		Township: T20S		Range: R26E				
Tes: Type: Initial ☒ Annual Spec. ☐					Type of Well Tested: Gas					
Completion Date: 12/23/00		TD @ 10,382		PBDT @ 10,372		Packer Set At: 9,967				
Connection: 2" 5,000 #		Meter Run Size: 4.026		Taps: Flange						
Casing Siz 9 5/8		Casing Wt 36#		Casing Dia.:		Casing Set At:				
Tubing Size: 2 7/8"		Tubing Wt. 6.5#		Tubing Dia.:		Tubing Set At:				
Perforations From: 10,264 To: 10,308				Meter Type: Danials Sr						
Producing Through: Tubing				Gas Gravity: .597		Oil Gravity:		H2O Chl.:		
Time Date	Elapse Time	Tubing Pressure	Casing Pressure	W/H Temp. (F)	Meter or Prover			Orifice Size In.	Choke Size 64ths	MCF Per Day
					Press.	Diff.	Temp.			
1/17/01									S/I	
7:00	0.00	3123	150	32	N/A	N/A	N/A	1.500	17.5/64	N/A
7:15	0.25	2920	150	32	6.10	9.10	48	1.500	17.5/64	5.064
7:30	0.50	2670	155	34	6.20	9.20	65	1.500	17.5/64	5.191
**FLUID TO SURFACE										
7:45	0.75	2817	190	36	6.20	7.20	81	1.500	17.5/64	**4.038
8:00	1.00	2690	235	42	6.20	9.00	70	1.500	17.5/64	5.078
8:15	1.25	2722	290	46	6.00	9.62	70	1.500	17.5/64	5.420
8:30	1.50	2733	315	49	6.00	9.62	73	1.500	17.5/64	5.122
8:45	1.75	2733	360	58	6.00	9.62	74		17.5/64	5.215
9:00	2.00	2743	400	62	5.95	9.60	76	1.500	17.5/64	5.161
9:15	2.25	2743	420	62	6.18	9.30	77	1.500	17.5/64	5.185
9:30	2.50	2743	450	62	6.18	9.30	77	1.500	17.5/64	5.185
END RATE # 1 BEGIN RATE # 2										
9:45	2.75	2838	470	62	6.20	7.68	84	1.500	14.5/64	4.259
10:00	3.00	2870	475	62	6.20	7.68	84	1.500	14.5/64	4.259
10:15	3.25	2870	475	62	6.20	7.68	84	1.500	14.5/64	4.259
10:30	3.50	2881	480	62	6.20	7.68	86	1.500	14.5/64	4.259
10:45	3.75	2881	490	62	6.20	7.68	86	1.500	14.5/64	4.259
11:00	4.00	2881	500	62	6.20	7.68	86	1.500	14.5/64	4.259
END RATE # 2 BEGIN RATE # 3										
11:15	4.25	3012	510	61	6.15	6.25	84	1.500	12/64	3.345
11:30	4.50	3001	505	61	6.15	6.15	83	1.500	12/64	3.383
11:45	4.75	3001	505	60	6.15	6.15	83	1.500	12/64	3.383
12:00	5.00	3012	505	60	6.10	6.10	83	1.500	12/64	3.327
12:15	5.25	3012	500	60	6.10	6.10	83	1.500	12/64	3.327
12:30	5.50	3012	500	60	6.10	6.10	83	1.500	12/64	3.327
END RATE # 3 BEGIN RATE # 4										
12:45	5.75	3033	500	60	6.00	4.10	83	1.500	10/64	2.235
13:00	6.00	3033	500	60	6.00	4.10	84	1.500	10/64	2.235
13:15	6.25	3023	480	62	6.25	4.00	86	1.500	10/64	2.230
13:30	6.50	3023	460	62	6.25	4.00	86	1.500	10/64	2.230
13:45	6.75	3023	450	62	6.25	4.00	86	1.500	10/64	2.230
END TEST										
Total Flow At Beginning Of Test:					Total Flow At End Of The Test:					
Total Gas Produced:			Total Water Produced:			Total Oil Produced:				
1st. Drawdown:		2nd Drawdown:		3rd. Drawdown:		4th Drawdown:		5th. Drawdown:		
Test Conducted By:										

Absolute Open Flow
Field Data Sheet