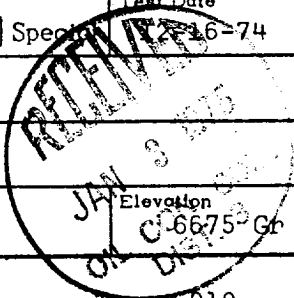


**NEW MEXICO OIL CONSERVATION COMMISSION**  
**MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL**

Form C-122  
 Revised 9-1-65

Type Test: <input checked="" type="checkbox"/> Initial <input type="checkbox"/> Annual <input type="checkbox"/> Special		Test Date: 12-16-74	
Company: Coastline Petroleum		Connection: None	
Pool: Blanco Mesa Verde		Formation: Mesa Verde	
Completion Date: 12-16-74		Total Depth: 6100	Plug Back TD: _____
Csg. Size: 4 1/2	Wt. 10.5	Set At: 6100	Perforations: From 5664 To 6010
Trg. Size: 2 3/8 EUE	Wt. _____	Set At: 5658	Perforations: From _____ To _____
Type Well - Single - Bradenhead - G.C. or G.O. Multiple: <b>Single</b>		Packer Set At: None	County: Rio Arriba
Producing Thru Tubing: _____	Reservoir Temp. °F: 180 @ 5837	Mean Annual Temp. °F: 60	Baro. Press. - P <sub>a</sub> : 12.0
L: 5837	H: 5837	G <sub>g</sub> : .64	% CO <sub>2</sub> : _____ % N <sub>2</sub> : _____ % H <sub>2</sub> S: _____
Prover: X		Meter Run: _____	Taps: _____



FLOW DATA						TUBING DATA		CASING DATA		Duration of Flow	
NO.	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. h <sub>w</sub>	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	Temp. °F	of Flow
SI							1202		1202		
1.	2.0		7/32	1147		58	1147	58	1150	58	1 Hr
2.	2.0		1/4	1110		62	1110	62	1130	62	1 Hr
3.	2.0		5/16	1020		62	1020	62	1078	62	1 Hr
4.	2.0		7/16	820		64	820	64	960	64	1 Hr
5.											

RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P <sub>m</sub>	Flow Temp. Factor Ft.	Gravity Factor F <sub>g</sub>	Super Compress. Factor, F <sub>pv</sub>	Rate of Flow Q, Mcfd
1	.8393		1159	1.0019	1.2500	1.128	1374
2	1.087		1122	.9981	1.2500	1.119	1703
3	1.672		1032	.9981	1.2500	1.119	2409
4	3.408		832	.9962	1.2500	1.085	3831
5							

NO.	P <sub>i</sub>	Temp. °R	T <sub>r</sub>	Z	Gas Liquid Hydrocarbon Ratio	None Produced	Mcf/bbl.
1	1.73	518	1.39	.786	A.P.I. Gravity of Liquid Hydrocarbons		Deg.
2	1.67	522	1.40	.798	Specific Gravity Separator Gas	XXXXXXXXXX	
3	1.54	522	1.40	.798	Specific Gravity Flowing Fluid	XXXXXX	
4	1.24	524	1.41	.849	Critical Pressure	670	P.S.I.A. 670
5					Critical Temperature	372	R 372 R

NO.	P <sub>i</sub> <sup>2</sup>	P <sub>w</sub>	P <sub>w</sub> <sup>2</sup>	P <sub>c</sub> <sup>2</sup> - P <sub>w</sub> <sup>2</sup>
1	1214	1162	1350	124
2		1142	1304	170
3		1090	1188	286
4		972	945	529
5				

(1)  $\frac{P_c^2}{P_c^2 - P_w^2} = \frac{1474}{529}$  (2)  $\left[ \frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 2.05144$

AOF = Q  $\left[ \frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 7859$

Absolute Open Flow: 7859 Mcfd @ 15.025 Angle of Slope θ: 54° 58' Slope, n: .701

Remarks: \_\_\_\_\_

Approved By Commission: \_\_\_\_\_ Conducted By: J F Roberson Calculated By: H L Hagler Checked By: \_\_\_\_\_  
 WEST TEXAS CONSULTING SERVICE, INC.