

3-CCC, 1-HLKendrick, 1-BParrish

1-Comm. Pub.Lands

1-LDH, 1-TCA, 1-TCowan

1-F

NEW MEXICO OIL CONSERVATION COMMISSION

MULTI-POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122

Revised 12-1-55

Pool Basin Dakota		Formation Dakota		County Rio Arriba	
Initial X		Annual		Date of Test 3-22-65	
Company Beta Development Co.		Lease San Juan 29-6 Unit		Well No. 85	
Unit A	Sec. 27	Twp. 29	Range 6	Purchaser El Paso Natural Gas Co.	
Casing 4-1/2"	Wt. 11.6#	I.D. 4.000	Set at 7775'	Perf. 7562'	To 7744'
Tubing 2-3/8"	Wt. 4.70	I.D. 1.995	Set at 7704'	Perf. Open	To Eng
Gas Pay:	From 7562'	To 7744'	L 7693'	G .670	GL Bar. Press. 12.0
Producing Through:		Casing	Tubing X	Type Well - Single - Braden head - G.G. or G.O. Dual Single - Gas	
Date of Completion 3-12-65		Packer		Reservoir Temp.	

OBSERVED DATA

Tested Through:		Prover ☐	Choke ☒	Meter ☐	Type of Taps					
FLOW DATA						TUBING DATA		CASING DATA		DURATION OF FLOW HR.
No.	(Prover) (Line) Size	(Choke) (Line) Size	Press. psig.	Diff. h _w	Temp. °F.	Press. psig.	Temp. °F.	Press. psig.	Temp. °F.	
1.		3/4	199		74	2662	199	74	861	7 days
2.										3 hrs
3.										
4.										
5.										

FLOW CALCULATIONS

No.	Coefficient (24 Hour)	$\sqrt{h_w P_f}$	Pressure psia	Flow Temp. Factor F _t	Gravity Factor F _g	Compress. Factor F _{pv}	Rate of Flow Q-MCF PD @ 15,025 psia
1.	12.3650		211	.9868	.9463	1.020	2,486
2.							
3.							
4.							
5.							

PRESSURE CALCULATIONS

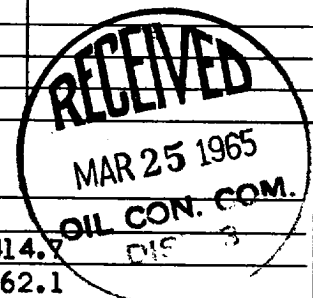
Gas Liquid Hydrocarbon Ratio _____ cf/bbl. Specific Gravity Separator Gas _____

Gravity of Liquid Hydrocarbons _____ deg. Specific Gravity Flowing Fluid _____

F_c _____ (1 - e^{-S}) _____ P_c **2723** P_c² **7414.7**

P_w **873** P_w² **762.1**

No.	P _w P _t psia	P _t ²	F _c Q	(F _c Q) ²	(F _c Q) ² (1 - e ^{-S})	P _w ²	P _c ² - P _w ²	Cal P _w	P _w P _c
1.						762.1	6652.6		.320
2.									
3.									
4.									
5.									

ABSOLUTE POTENTIAL: **2,696** MCFPD; n **.75**COMPANY **Beta Development Co.** WITNESSED **H.E.McAnally**ADDRESS **234 Petr. Club Plaza** COMPANY **El Paso Natural Gas Co.**AGENT AND TITLE **G.L.Hoffman, Prod. Engr.**

1. The first part of the document is a list of the names of the persons who have been named in the proceedings.

2. The second part of the document is a list of the names of the persons who have been named in the proceedings.

3.

4. The third part of the document is a list of the names of the persons who have been named in the proceedings.

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