

3-OCC, 1-HLKendrick NEW MEXICO OIL CONSERVATION COMMISSION
1-BParrish, 1-LDH, 1-TOWULTI-POINT BACK PRESSURE TEST FOR GAS WELL
1-TGowan, 1-F

Form C-122
Revised 12-1-55

Pool Basin Dakota		Formation Dakota		County San Juan	
Initial X	Annual		Special	Date of Test 5-4-65	
Company Beta Development Co.		Lease Federal "H"		Well No. 1	
Sec. 33	Twp. 30N	Range 11W		Purchaser El Paso Natural Gas Co.	
Casing D	Wt. 10.5	I.D. 4.995	Set at 6885	Perf. 6799	To 6827
Tubing 4-1/2"	Wt. 10.5	I.D. 4.995	Set at 6845	Perf. Open	To End
Gas Pay: 2-3/8	From 4.7	To 1.995	L 6832	G .67	GL 12.0
Producing Through: 6799		Casing 6827	Tubing 6832	Type Well — Single — Braden head — G.G. or G.O. Dual Single-Gas	
Date of Completion		Packer X	Reservoir Temp.		

OBSERVED DATA

Tested Through:								Type of Taps		
Prover ☐		Choke ☒		Meter ☐						
FLOW DATA						TUBING DATA		CASING DATA		DURATION OF FLOW HR.
No.	(Prover) (Line) Size	(Choke) (Orifice) XXXXX	Press. psig.	Diff. h _w	Temp. °F.	Press. psig.	Temp. °F.	Press. psig.	Temp. °F.	
1.						1995		2005		7 days
2.		3/4"	221		80	221	80	722		3 hrs
3.										
4.										
5.										

FLOW CALCULATIONS

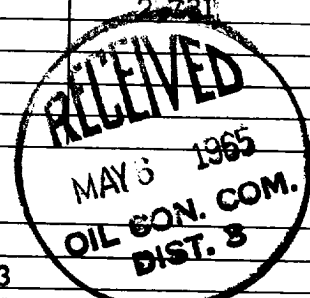
No.	Coefficient (24 Hour)	$\sqrt{h_w p_f}$	Pressure psia	Flow Temp. Factor F _t	Gravity Factor F _g	Compress. Factor F _{pv}	Rate of Flow Q-MCF P D @ 15.025 psia
1.							
2.	12.3650		233	.9813	.9463	1.021	2.221
3.							
4.							
5.							

PRESSURE CALCULATIONS

Gas Liquid Hydrocarbon Ratio _____ cf/bbl.
Gravity of Liquid Hydrocarbons _____ deg.
F_c _____ (1-e^{-S}) _____

Specific Gravity Separator Gas _____
Specific Gravity Flowing Fluid _____
P_c **2017** P_c² **4068.3**
P_w **734** P_w² **538.7**

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.									
2.						538.7	3529.6		.363
3.									
4.									
5.									



ABSOLUTE POTENTIAL: **3,038** MCFPD; n **.75**

COMPANY **Beta Development Co.** WITNESSED **H. McNally**

ADDRESS **234 Petr. Club Plaza, Farmington, N.M.** COMPANY **El Paso Natural Gas Co.**

AGENT AND TITLE **G.L. Hoffman, Production Engr.**