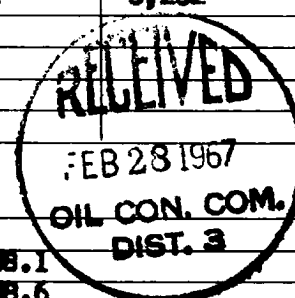


3-OCC, 1-HLKendrick, 1-BParrish
1-TCowan, 1-LDH, 1-TCA NEW MEXICO OIL CONSERVATION COMMISSION
2-F MULTI-POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
Revised 12-1-55

Pool Basin Dakota			Formation Dakota			County San Juan			
Initial X		Annual		Special		Date of Test 2-21-67			
Company Beta Development Co.			Lease Tibbar Federal			Well No. 2			
Unit P	Sec. 13	Twp. 26	Range 9		Purchaser El Paso Natural Gas Co.				
Casing 4.5	Wt. 10.5	I.D. 4.052	Set at 6585		Perf. 6310	To 6558			
Tubing 2.375	Wt. 4.7	I.D. 1.995	Set at 6494		Perf. Open	To End			
Gas Pay:	From 6310	To 6558	L 6494	G .670	GL	Bar Press. 12.0			
Producing Through:		Casing	Tubing X		Type Well Single - gas Braden head - G.G. or G.O. Dual				
Date of Completion 2-9-67		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	ORIFICE (Orifice) Size	Press. psig.	Diff. h _w	Temp. °F.	Press. psig.	Temp. °F.	Press. psig.	
1.		3/4"	429		84	1733	84	1898	
2.						429		962	8 days 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.	12.3680		441	.9777	.9463	1.041	5,252		
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 _w 1910 P _w ² 3648.1				
					P _w 974 P _w ² 948.6				
No.	P _w 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.						948.6	2699.5		.510
2.									
3.									
4.									
5.									



ABSOLUTE POTENTIAL: **6,583** MCFPD; n **.750**
 COMPANY **Beta Development Co.** WITNESSED **D. Roberts**
234 Petr. Club Plaza, Farmington, N. M. **El Paso Natural Gas Co.**
 ADDRESS _____ COMPANY _____
 AGENT AND TITLE **G.L.Hoffman, Prod. Engr.**