

3-OCC, 1-HKendrick
1-JTH, 1-BParrish
1-LDH, 1-TCA
1-TCowan, 1-F

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

Form C-122
Revised 9-1-65

Type Test ☒ Initial ☐ Annual ☐ Special					Test Date 3-29-67	
Company Beta Development Co.				Connection El Paso Natural Gas Co.		
Pool Basin Dakota				Formation Dakota		Unit
Completion Date 3-15-67		Total Depth 6549'		Plug Back TD		Elevation 6600 GL
Farm or Lease Name Babbitt						Well No. 1
Csg. Size 4.5	Wt. 10.5	d 4.052	Set At 6549'	Perforations: From 6281 To 6496'		Unit Sec. Twp. Rge. J 24 26N 9E
Tbg. Size 2.375	Wt. 4.70	d 1.995	Set At 6439	Perforations: From open To end		County San Juan
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single - gas					Packer Set At	
Producing Thru Tbg		Reservoir Temp. °F @		Mean Annual Temp. °F		Baro. Press. - P _a 12.0
State New Mexico						
L	H	Gg .670	% CO ₂	% N ₂	% H ₂ S	Prover
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 _w	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	Temp. °F	
SI							2037		2045		10 days
1.				3/4		77	245	77	765		3 hrs
2.											
3.											
4.											
5.											

RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m	Flow Temp. Factor Ft.	Gravity Factor F _g	Super Compress. Factor F _{pv}	Rate of Flow Q, Mcfd
1	12.3650		257	.9840	.9463	1.024	3.030
2.							
3.							
4.							
5.							

NO.	P _t	Temp. °R	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.
1.				A.R. Gravity of Liquid Hydrocarbons _____ Deg.
2.				Specific Gravity Separator Gas _____ X X X X X X X X
3.				Specific Gravity Flowing Fluid _____ X X X X X
4.				Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
5.				Critical Temperature _____ R _____ R

P _c 2057	P _c ² 4231.2	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.166$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.1224$
NO.	P _t ²	P _w	P _w ²
1		777	603.7
2			
3			
4			
5			

Absolute Open Flow 3,401 Mcfd @ 15.025		Angle of Slope θ _____		Slope, n .75	
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Remarks: **Witnessed by Don Norton, El Paso Natural Gas Co.**

Approved By Commission:	Conducted By: G.L.Hoffman	Calculated By: G.L.Hoffman	Checked By:
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