

Submit in duplicate to appropriate district office. See Rule 401 & Rule 1122

State of New Mexico
Energy Minerals and Natural Resources
Oil Conservation Division
2040 South Pacheco
Santa Fe, NM 87505

Form C-122
Revised October, 1999

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OCD ARTESIA

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Operator NADEN & GUSSMAN					Lease or Unit Name KODIAK ST.				
Type Test ☒ Initial ☐ Annual ☐ Special					Test Date 10/26/02		Well No. 1		
Completion Date		Total Depth 11573		Plug Back TD 11489		Elevation 3546		Unit Ltr - Sec - TWP - Rge P-36-17S-24E	
Csg. Size 5 1/2	Wt. 17	d 4.892	Set At 11573	Perforations: From: 10992 To: 11046		County Eddy			
Tbg. Size 2 7/8	Wt. 6.5	d 2.441	Set At 10895	Perforations: From: To:		Pool Sand Tank			
Type Well-Single-Bradenhead-G.G. or G.O. Multiple SINGLE				Packer Set At 10895		Formation Morrow			
Producing Thru Tubing		Reservoir Temp. °F 190		Mean Annual Temp. °F 60		Baro. Press. -P _a 13.2		Connection SALES	
L 10895	H 10895	Gg 0.7	%CO ₂ 0.717	%N ₂ 0.716	%H ₂ S N/A	Prover N/A	Meter Run 2.067	Taps FLG	

FLOW DATA				TUBING DATA				CASING DATA		Duration of Flow
No.	Prover Line Size	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						500	N/A	PKR	N/A	
1	2.067 X 1.000		258.6	54	66	200				24 HRS
2										
3										
4										
5										

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							525
2							
3	TOTAL	FLOW	METER				
4							
5							

No.	P _r	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio	Mcf bbl.
1					N/A	
2					N/A	
3	TOTAL	FLOW	METER		0.7	XXXXXXX
4					N/A	XXXXXX
5					671	P.S.I.A.
					388	R.

No.	P _c	P _w	P _c ²	P _w ²	P _c ² - P _w ²
1	513.2	263.7	45.5	222.8	49.7
2					
3					
4					
5					

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = \frac{1.232}{\quad}$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \frac{1.232}{\quad}$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \frac{647}{\quad}$

Absolute Open Flow	647	Mcf @ 15.025	Angle of Slope (°)	45	Slope n:	1
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Remarks: *** NO LIQUID MADE DURING TEST.**

Approved By Division:	Conducted By: PRO WELL TESTING	Calculated By: MERV BUECKER	Checked By: MB
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NADEL & GUSSMAN
KODIAK ST. #1



