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

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-122
Revised 4-1-91

OIL CONSERVATION DIVISION

2040 South Pacheco
Santa Fe, New Mexico 87504-2088

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Operator: Kimbell Oil Company of Texas					Lease or Unit Name: Salazar G Com 26		
Type Test: ☒ Initial ☐ Annual ☐ Special					Test Date: 7/6-7/1998	Well No.: 1	
Completion Date: 11-15-59	Total Depth: 7021'		Plug Back TD: 2580'		Elevation: 6657' GL	Unit Ltr. - Sec. - TWP - Rge.: M 26 25N 6W	
Csg. Size: 5½"	Wt.: 15.5 17.0	d: 4.978	Set At: 6214'	Perforations: From: 2510' To: 2520'		County: Rio Arriba	
Tbg. Size: 2.375"	Wt.: 4.7	d: 1.998	Set At: 2507'	Perforations: From: To:		Pool: Ballard	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple: Single				Packer Set At:		Formation: Pictured Cliffs	
Producing Thru: Tubing	Reservoir Temp. °F: 140	Mean Annual Temp. °F: 65		Baro. Press - P_a: 12 Psia		Connection: EPFS	
L	H	G_g: 0.650	% CO_2	% N_2	% H_2S	Prover	Meter Run / Taps

FLOW DATA

NO.	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. h_w	Temp. °F
SI	7 days +					
1.	2"	X	0.750			
2.						
3.						
4.						
5.						

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DIST. 3

TUBING DATA / CASING DATA

NO.	Tubing Press. p.s.i.g.	Tubing Temp. °F	Casing Press. p.s.i.g.	Casing Temp. °F	Duration of Flow
SI			780		
1.			33	60	24 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 Fg.	Super Compress. Factor, F pv.	Rate of Flow Q, Mcfd
1.	12.3650		45	1.0000	0.9608	1.001	535.1
2.							
3.							
4.							
5.							

NO.	P_r	Temp. °R	T_r	Z
1.				
2.				
3.				
4.				
5.				

Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.
A.P. I. Gravity of Liquid Hydrocarbons _____ Deg.
Specific Gravity Separator Gas _____ XXXXXXXXX
Specific Gravity Flowing Fluid XXXXX _____
Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
Critical Temperature _____ R _____ R

P_c 792 P_c^2 627.264

NO.	P_t^2	P_w	P_w^2	$P_c^2 - P_w^2$
1.		56	3.136	624.128
2.				
3.		CALCULATED		
4.				
5.				

1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.00502$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 1.00421$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 537.3$

Absolute Open Flow 573.3 Mcfd @ 15.025 | Angle of Slope θ _____ | Slope, n 0.85

Remarks: Gas Completely Dry.

Approved By Division	Conducted By:	Calculated By:	Checked By:
			Kimbell Oil Co.