

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

Regy. Minerals and Natural Resources Depart

Revised 4-1-91

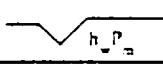
OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

MULTIPOINT AND ONE POINT BACKPRESSURE TEST FOR GAS WELL

Operator LYNX PETROLEUM				Base or Unit Name RADAR 24 FED.			
Type Test ☒ Initial ☐ Annual ☐ Special				Test Date 1-27-01		Well No. 6	
Completion Date		Total Depth		Plug Back Time		Elevation	
Csg. Size 5 1/2		Wt. 17 #		Set At		Country EDDV	
Tbg. Size 2 3/8		Wt. 4.7		Set At 1,995		Pool GREENWOOD MORROW GAS	
Type Well - Single - Bradenhead - G.G. or G.C. Multiple SINGLE				Packer Set At		Formation MORROW	
Producing Thru TDG		Reservoir Temp. °F 60		Mean Annual Temp. °F 60		Connexion 13.2	
L 12400	II 12400	G _g 0.654	% CO ₂ 1.634	% N ₂ 0.505	% H ₂ S	Prover	Mean Run 4.026
Taps FLG							

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
51							3849		PKR		48 MIN
1.	4	X	2,000				3810		"		1 HR
2.	4	X	2,000				3770		"		"
3.	4	X	2,000				3745		"		"
4.	4	X	2,000				3500		"		"
5.											

RATE OF FLOW CALCULATIONS							
NO.	COEFFICIENT (24 HOUR)		Pressure P _m	Flow Temp. Factor F _t	Gravity Factor F _g	Super Compress. Factor, F _{sp}	Rate of Flow Q, Mcfd
1.							185
2.							306
3.							910
4.							1970
5.							

NO.	P _r	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio	Mcfd
1.					17.557	
2.					55 @ 60	
3.					654	XXXXXXXXXX
4.					XXXXX	SMIX = 8.17
5.					670	6.65 PSLA
					375	428 R

P ₁ 3862.2	P ₂ 14916.6		
NO.	P ₁ ²	P ₂	P ₂ ²
1.	3823.4	14618.6	298.0
2.	3783.8	14317.3	599.3
3.	3763.7	14165.2	757.4
4.	3557.6	12656.7	2259.9
5.			

Absolute Open Flow 13,003	Mcfd @ 15.025	Angle of Slope θ 45	Slope, n 1.000
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Remarks: **WELL PRODUCED 8,000 BBLs CONDENSATE**

Approved By Division	Conducted By: METERING & TESTING	Calculated By: ISIM	Checked By: BM
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