



JOHN KUYKENDALL WIRELINE SERVICE CO., INC.
P. O. Box 184 / A/C 915 337-5241 / ODESSA, TEXAS 79760

OPEN FLOW PRODUCTION DATA

Company H.N.G. Oil Co. Field

Well Grynsberg Federal No. 1 Pay Morrow S.G. (liquid) S. G. (Gas) .63

Meter Run 3.068 Orifice Size 1.00 Coefficient of Orifice 4.789

WELL HEAD INFO.				SEPARATOR INFO.			METER RUN			FLUID MEASUREMENTS				
Date	Time	TBG Pres.	CSG Pres.	Temp.	Temp.	Choke	Pres.	Dif.	MCFD Volume	Inches	Inches Per Hr.	BBLS Per Hr.	BBLS Per Day	BBLS Per MMCF
11-21-77	10:30	3807				5/64								
			Opened on 1st Rate											
	11:00	3510		70	76	5/64	680	2.4	257					
	11:30	3367		70	76	5/64	680	2.0	235					
	11:30					7/64								
			Opened on 2nd Rate											
	12:00	3127		71	76	7/64	680	5.5	389					
	12:30	2977		71	76	7/64	680	4.6	356					
	12:30					10/64								
			Opened 3rd Rate											
	13:00	2762		72	78	10/64	685	8.7	491					
	13:30	2630		72	78	10/64	685	7.2	447					
	13:30													
			Opened on 4th Rate											
	14:00	2354		73	74	14/64	700	20.0	757					
	14:30	2212		73	74	14/64	720	16.0	686					