

A & A ENGINEERING SERVICE

PHONE MU3-1763

Midland, Texas 79701
OPEN FLOW PRODUCTION DATA

BOX 3323

Company Pennzoil Company

Field South Carlsbad

Well Gulf Federal No. 2

Pay Morrow

S.G. (liquid) S. G. (Gas) .583

Meter Run 2"

2.067

Orifice Size 1.00

Coefficient of Orifice 4.946

WELL HEAD INFO.				SEPARATOR INFO.			METER RUN			FLUID MEASUREMENTS				
Date	Time	TBG Pres.	CSG Pres.	Temp.	Temp.	Choke	Pres.	Dif.	Volume	Inches	Inches Per Hr.	BBLS Per Hr.	BBLS Per Day	BBLS Per MMCF
5-21-1972	11:00	2262	421	Opened on 1st Rate 6/64"						27.75				
	11:30	2133	421	70	66	6/64"	525	4	301					
	12:00	2071	421	71	68	6/64"	540	4.5	322					
	12:30	2020	421	71	70	6/64"	542	4.5	319					
	13:00	1999	421	71	72	6/64"	543	4.1	307					
	13:30	1989	421	72	76	6/64"	545	4.6	327					
	14:00	1984	421	72	76	6/64"	548	5.0	343					
	14:00	1984	421	Opened on 2nd Rate 8/64"						27.80	.05	.138		
	14:30	1810	421	72	72	8/64"	550	15.5	663					
	15:00	1754	421	72	67	8/64"	552	14.2	607					
	15:30	1729	422	73	66	8/64"	552	14.3	601					
	11:00	1710	423	73	66	* 8/64"	553	14.0	594					
16:30	1696	424	73	67	8/64"	554	13.0	572						
17:00	1694	425	73	68	8/64"	555	12.6	562						