

A & A ENGINEERING SERVICE

P. O. BOX 3323

Midland, Texas 79701

BOTTOM HOLE PRESSURE REPORT

Operator Pennzoil Lease Gulf Federal Well No. 1
 Field South Carlsbad Reservoir _____ Datum -8.422'
 Test Date September 21-1972 Well Status Shut In Hours Shut In 24
 Tubing 2-3/8" Depth 11,533' End _____ Packer 11,399' S. N. 11,406'
 Casing 5-1/2" Depth _____ Perf. 11,647 -11,866 Total Depth 12,028'

	Depth	Press. Lbs/Sq. In.	Δ Press.	Gradient Lbs/Ft.
Tubing Press. <u>1545# DWT</u>	Surface	1545		
Casing Press.	2500	1649	104	.042
Top of Fluid.....	5000	1753	104	.042
Top of Water.....	7500	1852	99	.040
Temp. @.....°F.....	10000	1950	98	.039
Elev. KB.....GI <u>3235'</u>	10990	1988	38	.038
Last Test Date <u>5-12-72</u>	11,190	1994	6	.038
Press. Last Test <u>1484</u>	11,390	2000	6	.038
Change.....Per Day.....	267	10	6	.038
Inst. No.....Cal.....	11,657	2010	Center of Perf.	.038
Tested By.....	- 8422	2010	Datum	.058
Calcu. By.....				
Prod. Index.....Bbls/day/lb.....				
Drop.....				
Cumulative prod.				

Remarks: